Summary Report on Awareness to Action:
A Workshop on Motivating the Public to Prepare

February 2013
# Contents

Executive Summary ...................................................................................................................... 3  
Workshop Overview .................................................................................................................. 7  
Setting the Stage ....................................................................................................................... 9  
  Leadership Remarks .............................................................................................................. 9  
  Research and Insights ......................................................................................................... 10  
Discussion Summaries ............................................................................................................. 13  
  Defining Preparedness ........................................................................................................ 14  
  Motivating the Public to Prepare ....................................................................................... 17  
  Target Audiences .............................................................................................................. 18  
  Defining Success ................................................................................................................ 21  
  Identifying Channels ......................................................................................................... 21  
Recommendation Summaries .................................................................................................... 22  
  Points of General Agreement ............................................................................................ 22  
  Recommendations for a Future Campaign ....................................................................... 22  
  Participant Recommendations for Addressing Communication Challenges ................. 23  
  Topics that Warrant Further Discussion ......................................................................... 25  
  Final Point .......................................................................................................................... 25  
Appendixes  
  A. Invitation to Summit  
  B. Participant List  
  C. Workshop Agenda  
  D. 2011 FEMA National Household Survey Findings  
  E. Panelist Presentation Slides
Executive Summary

On June 27–28, 2012, the Federal Emergency Management Agency (FEMA) and the American Red Cross (Red Cross) hosted a workshop to discuss how to improve preparedness messaging to encourage the public to prepare themselves and their families for a disaster. After two days of intensive discussions, participants, including academics and researchers, practitioners, and private sector partners, came to an important conclusion—while this is not easy and there is no silver bullet, the potential exists to significantly improve our preparedness messaging strategies.

Participants brought to the workshop their own insights and experiences, which were bolstered by workshop presentations from high-profile speakers including: W. Craig Fugate, FEMA Administrator; Gail McGovern, Red Cross president and CEO; Ali S. Khan, M.D., Director of the Centers for Disease Control and Prevention (CDC)’s Office of Public Health Preparedness and Response; Dennis Mileti, Professor Emeritus of the University of Colorado Natural Hazards Center; Kate Long, Manager, California Emergency Management Agency; and Amanda Ripley, author of The Unthinkable.

Researchers from FEMA, the Red Cross, and Columbia University also provided participants with findings from their latest research on preparedness messaging and audiences before participants were asked to discuss the problem statements in small groups. Navigating through questions ranging from the definition of preparedness itself to the definition of success, as well as the channels and messaging to use to reach success, the following insights emerged.

Points of General Agreement

Participants enthusiastically discussed the problem statements and the many communication challenges they raised, but did not agree on all solutions. Overall, they concurred that no silver bullet currently exists in terms of communicating effectively with the public about preparedness. Much work remains to be done to identify and implement the most effective solutions, which besides communication may also include legislative policy or incentives.

Participants did generally agree upon some of the fundamentals on communicating about preparedness, such as use of an emotional messaging and targeting messaging to various groups or by hazard.

Recommendations for Future Messaging

The following chart summarizes participant recommendations for a new national preparedness messaging strategy in comparison to the current FEMA and Red Cross Ready campaigns.
Summary of Participant Recommendations for Future Preparedness Messaging in Comparison to the Current Ready and Be Red Cross Ready Campaigns

<table>
<thead>
<tr>
<th>Element</th>
<th>Current Ready Campaign</th>
<th>Current Be Red Cross Ready Campaign</th>
<th>Future Messaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Audience</td>
<td>Entire population, with customized messages for youth and businesses.</td>
<td>General public.</td>
<td>Segmented audiences based on shared characteristics and information needs.</td>
</tr>
<tr>
<td>Primary Message</td>
<td>Be Informed, Make a Plan, Build a Kit (Get Involved).</td>
<td>Get a kit, Make a Plan, Be Informed.</td>
<td>Either a national message with targeted micro campaigns or a single common message for use across demographics. Messages should build upon motivators, which may include a sense of responsibility for others, targeted messages, and an understanding of the risks and consequences.</td>
</tr>
<tr>
<td>Primary Channels</td>
<td>Advertising, Web.</td>
<td>Advertising, Web, In-Person Workshops, Talks.</td>
<td>Trusted messengers, social media and mobile, traditional media, and peer-to-peer communication.</td>
</tr>
<tr>
<td>Research Base</td>
<td>Primarily focused on the attributes of people who are and are not taking action.</td>
<td>Primarily focused on the attributes of people who are and are not taking action.</td>
<td>Available research from multiple sources on preparedness messaging and actions, supplemented by focus group testing of potential messages with intended audiences.</td>
</tr>
</tbody>
</table>

Participant Recommendations for Addressing Communication Challenges

Participants arrived at several recommendations on how to resolve specific communication challenges. Summaries of these recommendations follow.

Define Success

Significant discussion took place about the need to define success in terms of preparedness. Such clarity around a shared definition of success is necessary to ground messaging and enable the preparedness field
to develop consistent measures for tracking progress and identifying best practices. Top recommendations for defining success were:

- Survival;
- Self-sufficiency and empowerment; and
- Changing the social norm.

**Define the Target Audience(s)**

Workshop participants agreed overall that audience segmentation enables messaging to reach people according to their willingness to take steps toward preparedness and their ability to lead others. While several potential target audiences exist, the majority of participants recommended targeting:

- Those who depend upon themselves for protection from disasters;
- Those who others may rely on to lead during a disaster; and
- Children, who can play a strong and influential role in family preparedness.

**Define Preparedness**

Workshop participants agreed that the preparedness field needs clear direction around what they should be asking people to do to become prepared. While they recommended hazard-specific or other tailored messages at the local level, they also generally concurred that a national preparedness message that serves as the backbone or infrastructure for local messaging is needed. Participants most frequently identified the following as the definition of preparedness:

- Learn the risks, know what steps to take, and know what resources to access before, during, and after an emergency;
- Learn the actions that enable survival; and
- Plan ahead, practice, and be ready for a disaster.

**Choose the Appropriate Messenger**

Over the course of the workshop, several themes emerged in terms of appropriate messengers to convey preparedness messaging to the public. These themes included the following:

- Call upon disaster survivors to share their stories in their own words.
- Facilitate peer-to-peer communications.
- Support local organizations in their ability to convey targeted preparedness messages.

**Modify the “Three Steps”**

A majority of workshop participants recommended that the “three steps” – Be Informed, Make a Plan, Build a Kit – be used as an organizing principle rather than as the primary message of a national preparedness campaign.
**Develop and Test Messaging**

Participants were split between whether there should be a new overarching national “umbrella” message that will allow customization for use in various micro campaigns or a single national message. Different appeals and approaches can be tested as umbrella messages, such as the humor involved in the CDC’s “Zombie Apocalypse” blog. Umbrella messages developed for testing should include societal values and emotional connections and draw upon an individual’s:

- Feelings of responsibility for self and others, including family members, pets, neighbors, employees, and businesses;
- Preference for targeted messages that are narrowly focused; hazard-specific; tailored to a specific demographic, community, or region; or targeted by interest; and
- Understanding of the risks and consequences, including the understanding that something they care about is at risk, that benefits of being prepared outweigh the costs, and that there are potentially significant consequences of not taking action.
Workshop Overview

Introduction

On June 27–28, 2012, the Red Cross and FEMA hosted Awareness to Action: A Workshop on Motivating the Public to Prepare. This two-day meeting brought together a select panel of academics and researchers, practitioners, and private sector partners to discuss ways in which preparedness messaging could be improved to encourage the public to take the steps necessary to prepare themselves and their families for a disaster. (See Appendix A for the invitation letter, Appendix B for a list of participants, and Appendix C for an agenda.) According to a series of surveys conducted by FEMA, the public today is little more prepared to respond to a disaster than it was several years ago. Despite nine years of a three-pronged message to: (a) be informed; (b) make a plan; and (c) build a kit, only about one half of households currently have disaster plans and supplies set aside, and only one-third are aware of local hazards. (See Appendix D for a summary of the 2011 FEMA National Household Survey results.)

This report summarizes observations and input from workshop participants about how those in the preparedness field could better communicate with the public about disaster preparedness. The focus is on providing strategies to help move the preparedness field forward, based on an analysis of expert presentations and participant input. In addition to the insights gained during the workshop, FEMA and the Red Cross benefitted from the perspectives shared by preparedness experts, social scientists, marketing specialists, practitioners, and a variety of others through FEMA’s IdeaScale (http://fema.ideascale.com). This online tool enables stakeholders to contribute to the ongoing dialogue about how to better motivate individual and community emergency preparedness, disaster response and recovery, and other emergency management topics. The Red Cross, FEMA, and the many stakeholders in preparedness communication and education are encouraged to share insights gained from these proceedings and use the summarized input to test and better inform their own initiatives as well as support increased coordination of preparedness messaging nationwide.

Workshop Objectives

FEMA and the Red Cross convened this workshop to identify recommendations that would inform and guide the preparedness field in developing the next generation of public preparedness messaging and education and outreach strategies. The workshop’s intent was to generate strategies that will ultimately lead to a coordinated messaging platform focused on moving the public from awareness to action; that is, those behaviors necessary for individual self-reliance and community resilience.
Framing the Discussion

Workshop attendees addressed the following series of questions around the complexities of messaging and messaging strategies to move the public from awareness to action. A summary of workshop discussion on these problem statements appears beginning on page 7: Discussion Results.

- **Defining Preparedness**
  - What is preparedness for individuals?
  - What do you think of the “three steps”—(a) be informed, (b) make a plan, (c) build a kit—as a way of organizing the many actions that encompass preparedness?
  - What are alternatives to how we talk with the public about preparedness?
  - What if we threw away the “three steps” entirely?

- **Motivating the Public to Prepare**
  - What motivates someone to prepare?
  - What do we need to do differently to communicate with the public about preparedness?

- **Target Audiences/Channels**
  - Should we approach preparedness communication with a multi-level segmentation strategy?
  - How can we segment the public, and which way would be most effective?
  - If we use different messages per audience, what should be consistent across our messages and what can be different?
  - What channels should we use?

- **Success**
  - What does success look like in terms of individual preparedness?

Discussion Process

The two-day workshop included four working group sessions to allow participants to focus on each of the above problematic statements. Each session opened with a presentation by experts in that topic area. (See Appendix E for presentation slides.) Prior to the workshop, participants were organized into multidisciplinary discussion groups. Each participant received a workbook outlining the objective of each session, the problem statements to be discussed, and the format for reporting out responses. The workbooks, which were collected at the end of the workshop, also provided space in which individual participants could add personal thoughts. Trained facilitators guided participants through each session.
Summary Report on Awareness to Action:  
A Workshop on Motivating the Public to Prepare  
February 2013

Setting the Stage

Leadership Remarks

Russ Paulsen, Red Cross’ Executive Director for Community Preparedness and Resilience, opened the workshop by welcoming participants, defining the workshop process, and urging participants to consider “everything on the table” in identifying ways to motivate the public to prepare for disasters.

Gail McGovern, American Red Cross President and CEO, drew on her long experience in disaster response to point out that those who have lived through a disaster are most likely to prepare themselves for another. There still are many individuals, however, who fail to acknowledge their risk, despite the fact that unexpected disasters turn people’s lives upside down every day. Ms. McGovern noted that there are many opportunities to surround people with preparedness messaging, primarily by “having a consistent message and saying it over and over again.”

Ali S. Khan, M.D. from the CDC’s Office of Public Health Preparedness and Response, noted that CDC has made tremendous progress in terms of public health over the last decade. Significant challenges still remain—the excellence in public health is not always connected very well across sectors, outreach to vulnerable populations is poor, and communities have not been trained to provide the services that exceed federal disaster response capacity. There are successes from which to learn. The CDC “Zombie Apocalypse” blog (http://emergency.cdc.gov/socialmedia/zombies.asp) went viral soon after its launch in advance of hurricane season. Dr. Khan stressed that the first consideration of this campaign was the message, which must be the basis of any campaign.

W. Craig Fugate, FEMA Administrator, observed that the disappointing results of the 2011 FEMA National Household Survey are a clear sign that changes should be made in preparedness messaging. He pointed out, however, that successes in changing social norms around health and safety exist, such as the increase in seatbelt use and the decrease in smoking. Mr. Fugate asked participants to consider the desired outcome of preparedness. Is it making people comfortable during a disaster? Keeping them alive long enough for help to arrive? Having enough survivors to help each other? His ideal outcome would be having “being prepared” as the new social norm.

Paulette Aniskoff, FEMA’s Director of Individual and Community Preparedness Division, together with Russ Paulsen, gave closing
remarks. She noted that the Red Cross and FEMA convened the workshop because their agencies know they can do better at messaging and know that they cannot accomplish this alone. Aniskoff called the workshop, with its gathering of experts, “eye opening.” FEMA and the Red Cross will use participants’ input to make informed decisions about messaging with the limited resources available. She thanked participants and stressed that, thanks to their hard work over the course of the workshop, “more people will suffer less the next time something bad happens.”

Research and Insights

The following section presents key points made by expert presenters to lay the foundation for discussion. A common theme across presentations was that effective messaging is based on a deep understanding of key factors, such as what motivates people to act, the knowledge people need to act, and the use of segmented data. In addition, there is significant value in having people hear the same message from multiple sources.

Current State of Preparedness

Red Cross Public Preparedness Research in the Gulf Coast and Colorado and Message Testing in California, presented by Sharon Silva, Red Cross

In 2010 and 2011, the Red Cross conducted an awareness and action survey across two areas—the Gulf Coast and Colorado. Results of the survey indicate the following:

- Concern for the safety of families or others is a key factor motivating individuals to prepare.
- As measured by the number of steps taken, the primary factor promoting preparedness among low-income respondents in the areas surveyed was receiving preparedness information from a number of sources (i.e., hearing a message repeated).

In 2012, the Red Cross tested preparedness messages through focus groups for two very different campaign approaches—Game Plan (San Francisco) and Real Disaster (Los Angeles). While focus group participants viewed both campaigns as acceptable, they indicated that:

- A very specific checklist would be key to helping them take action; and
- They want to feel like heroes in responding to disasters, without being bullied or scared into action.

FEMA National Surveys, presented by Karen Marsh, FEMA Individual and Community Preparedness Division

FEMA has conducted national preparedness surveys since 2003 as well as more recent urban and hazard-specific surveys. The results indicate that the percentage of households that have made a plan or built a kit has not increased substantially. Over the years, the preparedness surveys found similar results for increases in knowledge, skills, and training. Despite these findings, there is reason to be optimistic. FEMA survey results from the Central U.S. Great ShakeOut campaign, which focused on community involvement in an earthquake drill and also included earned media outreach focused on a high-profile preparedness event, found that those who heard the campaign messaging were more likely to understand the protective action of “Drop, Cover, and Hold On” and were more prepared.
Based on an analysis of the 2011 FEMA National Household Survey, FEMA identified four psychographic profiles that could be used to better tailor preparedness messaging. Profiles, by percentage of the population, and conclusions follow:

- **Least informed/least prepared**: This group, which is roughly half of the U.S. population, is more likely to be young (18 - 34 years old), does not believe its community is likely to experience a disaster, and expects to rely on the government and nonprofits for support after a disaster.

- **Some information/some preparation**: This group knows how to prepare, and about half will have conducted three or more preparedness behaviors. However, this group tends not to believe preparedness will help it handle a natural disaster, so there is a conflict between awareness and preparedness. This group would benefit from education and understanding.

- **More concerned/less prepared**: This group is more likely to be of lower income and education. Members of the group believe their communities are at high risk of a disaster and that the disaster will be severe. They do not believe preparedness will help and expect to rely on the government and nonprofits for support after a disaster. This group could benefit from support and confidence building.

- **Informed/prepared**: This group is more likely to be between the ages of 35 and 64. More than two-thirds of the group will have demonstrated three or more preparedness behaviors, and have confidence in their ability to respond. This group could be the real champions of change by talking with others about preparedness.

**Key Considerations in Future Preparedness Messaging**

**Dennis Mileti, Professor Emeritus, University of Colorado Natural Hazards Center (see Appendix E for single slide)**

Dr. Mileti has spent 25 years studying how to motivate people to prepare for disasters. His primary recommendation on messaging, without question, would be having peer-to-peer communication. Research confirms that having neighbors, friends, and relatives show someone what to do is more powerful than having FEMA or the Red Cross tell someone what to do.
Kate Long, Deputy Program Manager, California Emergency Management Agency, Earthquake and Tsunami Program (see Appendix E for slides)

Ms. Long has focused on creating values-based preparedness messages. According to social science, people make decisions on two levels—emotional and rational. The emotional level involves personal values (why I care) and emotional benefits and consequences (how it makes me feel). The rational level involves functional benefits and consequences (what I will experience) and attributes (perceived beliefs about an issue). People tend to be persuaded by reason, but motivated by emotion. Emotion is powerful because it tends to be associated with deeply held and stable values. Preparedness messaging needs to tap into an emotion, such as family protection, that raises preparedness above competing messages.

Tony Foleno, The Ad Council, Senior Vice President for Research and Evaluation

Similar to previous speakers, Mr. Foleno emphasized that appealing to emotion may be the key to effective preparedness messaging. He then posed crucial questions for the participants to consider:

- We all agree on the barriers. Can we align on the core motivators?
- What should the tone be? Inspirational? Urgent? Alarmist?
- What is the call-to-action? Broad behavior or one or more specific behaviors?
- Which of the audiences represent low-hanging fruit?

People today are bombarded with competing messages. Great campaigns that can effectively reach people have four attributes:

1. Clear and single-minded—it’s easy to get right away.
2. Relevant—it’s for people like me and benefits me.
3. Tangible—what is it you want me to do?
4. Contains an emotional component.


Ms. Ripley explained that in terms of preparedness education, people need to have a basis for action, to feel confident in their ability to respond, and to feel as if they own the problem. She stressed that messaging needs to leverage the experiences of the thousands of disaster survivors because real-life stories provide a critical connection between emotion and action. Ms. Ripley also emphasized that information must be useful—for example, interviews with plane crash survivors reveal that about half watched the safety video briefly and only half of them found it useful.

“If you don’t give them a story, they will not remember.”
— Amanda Ripley
David Abramson, Ph.D., M.P.H., National Center for Disaster Preparedness (NCDP), Columbia University, Director of Research

Dr. Abramson explained that his analysis of NCDP’s research indicated that there were two paths leading people to a family emergency plan: the cognitive, experiential, or contextual path (e.g., past experiences or perception of localized risk) and the psychological or attitudinal path (e.g., confidence in government or self-efficacy).

In another part of Dr. Abramson’s research, based on responses to a recent survey question into how people perceive their roles in response to a disaster, he found market segments and potential messaging fell into three categories:

1. **Lions (20 percent)**—those who think others will turn to them to lead;
2. **Lone wolves (60 percent)**—those who will depend on themselves for protection; and
3. **Lambs (20 percent)**—those who expect leadership and assistance from others.

**Discussion Summaries**

The following section summarizes key themes that emerged from working group discussions, prioritized by the frequency with which they were mentioned. These results do not include insights from other available research or data and showcase the wide range of opinions and ideas on each topic across the field, as evidenced by the word cloud below on the answer to the first question regarding defining preparedness.

*Exhibit 1: Word Cloud of “What is Preparedness?”*
Defining Preparedness

What is preparedness for individuals?

Participants were asked to first define “preparedness” as the basis for the discussions to follow. Their responses were wide-ranging, from awareness and survival to planning and sustainability.

- **Knowledge and awareness.** The most common response from participants was that preparedness was an awareness of potential risks and threats and knowing what steps to take and what resources to access in order to stay safe when a disaster strikes.

- **Survival and adaptability.** Another common response from participants was that preparedness meant that individuals had taken the steps that would enable them to survive on their own until assistance arrived. Participants also viewed preparedness as the ability to withstand and adapt to an external hazard or to absorb the shock of a disaster. “Survival” was defined in terms of community sustainability as well as human life.

- **Planning and readiness.** Participants described preparedness as planning, conducting drills, and being prepared to respond to a variety of disasters and their consequences.

- **Self-reliance and personal responsibility.** Participants saw individual preparedness as the ability of each person to confidently and independently navigate through unforeseen situations.

- **Resilience and sustainability.** Participants responded that individual preparedness meant having the ability needed to help businesses, communities, and themselves recover as quickly as possible. This ability to rebound from a disaster would be key to personal and community sustainability.

In addition, participants stated that individual preparedness is the understanding that each person exists as part of a network, having peace of mind and the appropriate tools to respond to whatever disaster strikes.

**What do you think of the “three steps” to (1) be informed, (2) make a plan, and (3) build a kit, as a way of organizing the many actions that encompass preparedness?**

Participants were divided as to the value of the current “three steps” as a message framework, with several feeling strongly that the “three steps” should be retired.

**Positive aspects** were that the “three steps” are:

- **Simple.** The steps are easy to remember, and they follow a familiar pattern of ideas being broken into three. In addition, their simplicity allows for tailoring to different situations.

**Captured in Conversation**

“First know, then do things, then share with people around you.”

“The word ‘preparedness’ means absolutely nothing to the majority of people.”
Summary Report on Awareness to Action:  
A Workshop on Motivating the Public to Prepare  

- **Good organizing tool.** The steps provide an umbrella for other behaviors, which make them a good tool for organizing more specific behaviors and actions.

- **Universal.** The one-size-fits-all steps are broad enough to include varied preparedness actions, and can be used to address multihazard preparedness.

- **Calling for self-reliance.** The steps are valuable in that they place responsibility for preparedness on the individual.

Negative aspects were that the “three steps” are:

- **Too vague and overly simplistic.** The steps are too universal and undefined to be actionable.

- **Unemotional.** The steps lack an emotional punch or connection that might inspire someone to heed a call to action.

- **Incomplete.** The “three steps” do not include a call to action or a timeline. They are not connected to survival. They also lack any references to mitigation actions, getting involved, or the dual-use concept that highlights things people already have and use every day but can be critical to disaster response.

In addition, participants stated that the “three steps” are not memorable, require too many actions, and miss the idea of being connected before and after a disaster with one’s family and community.

**What are alternatives to how we talk with the public about preparedness?**

Participants offered many potential ways that messaging might better engage individuals in preparedness and referenced insights shared within presentations made by Amanda Ripley, Kate Long, and Tony Foleno.

- **Include survivor stories.** The most common recommendation from participants was to have survivors share their personal stories, highlighting how they survived, what they needed to know, and what they wished they had known. These stories should come from people “like us” and be told in their own words.

- **Appeal to benefits, emotions, and underlying values.** Survival is an emotional concept, so messaging should include both a cognitive and emotional appeal. The emotional element should tap into a deeply held value associated with it (e.g., family and parent as protector).

- **Be fact based.** Messaging should be frank, based on facts, and provide honest information about specific threats.
• **Connect the individual with others.** Messaging should stress the importance of a person’s connection with his or her community and neighbors; that is, each person’s role within a larger network.

• **Be actionable.** Messaging should have a call to action that highlights what is important or a single, short message to drive people to act.

• **Be organized by hazard.** All-hazard messages seem too vague to be actionable, so a series of disaster-specific messages may be more effective. Not everyone should receive every message.

• **Connect preparedness to daily life.** Messaging should demonstrate how preparation can be part of daily life and is as essential as efforts to maintain physical health. Similarly, preparedness should be cast as something that is familiar and usable.

*What if we threw away the “three steps” entirely?*

In lieu of the current three-step message, participants described various approaches for the Red Cross and FEMA to consider, some of which included insights shared within presentations made by Dennis Mileti, Kate Long, and Tony Foleno.:

• **A national, all-hazards umbrella message that would provide:**
  o An infrastructure and platform for all other supporting, coordinated messaging;
  o Emotional branding for preparedness to unite the effort, encourage peer-to-peer dialogue, communicate dense information, and show specific behaviors to change;
  o A common, uniting, and lasting theme; and
  o An all-hazards approach without all-hazards terminology.

• **Hazard-specific “micro campaigns” that would:**
  o Focus on each individual hazard;
  o Focus on more geographical, targeted, and specific messaging;
  o Target campaigns to individual communities, with messengers closer to home; and
  o Tailor customizable materials to be used by communities nationwide.

*Captured in Conversation*

“There has to be consequences, policies to reinforce messages.”

“That’s the bottom line, not just survive, thrive.”

“We need an emotional call to action.”

“It has to be peer-to-peer and day-to-day.”

“It’s overwhelming to think all hazards.”

“We need a message that kids all know.”
A combination of an umbrella campaign and hazard-specific plans that would provide:

- A broad, motivational umbrella statement paired with narrow, local statements;
- A link between a macro message and local messages based on context such as demographics, geography, hazard, and seasonality; and
- Consideration of public-private partnerships and use of trusted, known messengers.

Modifications recommended to the current “three steps” would include:

- More guidance on using the “three steps” at the state or local levels;
- A re-ordering of the steps;
- A change of focus to present the “three steps” as an organizing tool; and
- Revisions to the messaging around the steps.

Motivating the Public to Prepare

What motivates someone to prepare?

Participants identified the following as potential motivators in promoting preparedness, some of which included insights shared within presentations made by Dennis Mileti and Tony Foleno.

- **Responsibility for others.** Many individuals appear driven by their responsibility for others, such as being their family’s first responder; protecting family or pets from harm; and helping to ensure the well-being of their property, neighbors, employees, and businesses.

- **A targeted message.** Individuals may find messages that are narrowly focused; hazard-specific; tailored to a specific demographic, community, or region; or targeted by interest as more relevant and actionable.

- **Understanding risk and consequences.** Individuals may be more motivated to prepare if they have a clear perception of the risk and consequences and that the risk involves something they value. Individuals also need to understand the reason for the call to action and that the benefits of being prepared outweigh the costs.

- **Safety.** Being safe and secure or keeping others and property safe is a familiar motivator.

- **Self-efficacy.** Many individuals will act on the belief that they and their actions can help resolve problems. Similarly, individuals can be motivated to act by appealing to their “I can do it” self-image, a sense of their own mastery, and contributions to family and community survival.

- **Being a hero.** Individuals can be motivated to prepare by making them feel that they can save lives or will be a role model or leader to others.

- **Survival.** Self-preservation is one of the most basic human motivators.
In addition, participants stated that peer-to-peer interaction, fear-based messaging, actionable messages, and an emphasis on self-reliance would be worth exploring to motivate the public to prepare.

**What do we need to do differently to communicate with the public about preparedness?**

Participants recommended wide-ranging approaches to preparedness messaging, from content to development and testing, some of which referenced insights shared by Dennis Mileti, Kate Long, Tony Foleno, and Amanda Ripley.

- **Segment messaging.** Instead of a universal, one-size-fits-all hazards approach, organizations communicating about preparedness should segment messages by location, hazard, demographics, culture, motivation, or by timing of disaster.

- **Focus on survival and quality of survival.** Messaging should be personal and discuss the role of self-reliance, self-preservation, comfort and quality of survival, and thriving or recovering after a disaster.

- **Be direct and specific.** Messaging should tell individuals exactly what they should do, in clear, frank, specific, and honest wording.

- **Tap into fear.** Messaging should consider leveraging fear or doubt as these can be an individual’s reason to act when paired with the support needed to take the actions.

- **Create an umbrella message.** An umbrella message is needed to unite various efforts and be a rallying point. This message should apply to variety of situations, work at all levels, and be the platform upon which tailored campaigns could be built.

- **Reinforce connectivity.** Messaging should connect individual preparedness to family, peers, neighbors, social networks, organizations, and services.

- **Test messages.** The validity and value of proposed messaging should be tested through evidence-based strategies and practice drills, such as during the Great ShakeOut for earthquakes.

In addition, participants stressed that messaging should address the costs and benefits of preparedness at the individual and community level, leverage the power of family and children, include survivor stories, and better define preparedness and success. Participants also noted that the current “three steps” might serve communication in some capacity.

**Target Audiences**

**Should we approach preparedness communication with a multi-level segmentation strategy?**

Segmentation is a messaging strategy that divides a broad target audience into smaller groups based on shared characteristics and information needs. Messaging is then tailored to each audience segment, with the intent of making it more relevant and actionable to that group. Participant opinions fell into three distinct camps as to whether messaging around audience segments or a universal message would be more effective.

- **A slight majority disagreed with a multi-level segmentation strategy.** Those who disagreed with a multi-level segmentation strategy believed that there should be one common, overarching message that cuts across demographics and serves as a connection point. This group felt that
segmentation would cost more to implement and that this approach would be premature because we have yet to determine a specific call to action.

- **A slightly smaller set of participants agreed with a multi-level segmentation strategy.** Those who agreed with a multi-level segmentation strategy felt, in some cases strongly, that it needed to promote preparedness among special populations such as those of differing abilities or at different stages of change. This group also believed in “micro campaigns” and the value of filtering and targeting messages.

- **Others supported a combined approach.** Those who agreed with a combined approach felt that a national, universal message would be helpful, supplemented by micro campaigns at the local level.

**How can we segment the public, and which way would be most effective?**

Participants agreed that different groups offer different opportunities to promote preparedness, and that segmentation could help by “meeting the audience where they are.” They identified several possible audience segments, with many references to Dr. Abramson’s research into lions, lone wolves, and lambs:

- **Those who will depend on themselves for protection, or the “lone wolves.”** Lone wolves make up the largest segment of the public, so targeting this group could produce the “biggest bang for the buck.” In addition, the only group from which to get more “lions” (i.e., self-perceived leaders) is from the self-sufficient wolves.

- **Those who think that others will turn to them as leaders, or the “lions.”** This segment of the public may already see themselves as likely protectors of the vulnerable. Because they already indicate a willingness to adopt a desired behavior (e.g., self-sufficiency, leadership), they are a low-hanging fruit and can be urged to influence and lead others. Lions are potential force multipliers.

- **Children.** Children can influence their parents, are future leaders, and can be influenced more than adults.

- **Caregivers.** Caregivers already feel responsible for others, which casts them in a decision-making role every day. Messaging can appeal to their existing connections and responsibility for others.
• **Other vulnerable populations.** This segment includes the elderly, low-income individuals, migrants, and those with chronic health conditions, all of whom pose unique challenges during disasters and depend upon others or community services.

• **Family chief operating officers.** This segment of the public is whoever the principal planner within a family is, and may be parents, caregivers, children, or teenagers.

In addition, participants mentioned a variety of additional potential audiences, such as specific age or regional groups, mothers, schools, those who expect leadership and assistance from others (i.e., “lambs”), and non-English speakers.

*If we use different messages per audience, what should be consistent across our messages and what can be different?*

Participants identified the following elements of consistent and different, or tailored, messages, some of which reference insights shared by Kate Long, Tony Foleno, and Amanda Ripley.

• **Consistent across messages**
  - **Science based.** Messages should be based on facts, with a clear presentation of risk.
  - **Survival as ultimate goal.** Messages should stress that the goal of preparedness is to save as many lives as possible.
  - **Manage expectations.** Messages should be realistic in what preparedness can achieve. While some disasters cannot be prevented, their impact can be mitigated.
  - **Research based.** Messaging should be based on formative research into the attitudes, behaviors, and motivating factors of different audience segments.
  - **Focused on engaging the community.** Messages should take a whole community approach to preparedness. In addition, messaging should stress each individual’s connection to the larger community and his or her role in resilience.

• **Different across messages**
  - **Messengers.** Those who deliver the message, such as federal and local agencies, survivors, or peers, can differ according to the message being shared.
  - **Sense of urgency.** Messages can differ in their sense of urgency; the greater the risk of a disaster, the more urgent the call for preparedness should be.
  - **Gateway events or hazards.** Messages can reflect that not all communities are at the same risk of the same hazards. Engaging individuals in preparing for the most relevant risk can also result in their taking preparedness steps that apply to other hazards.
  - **Population- or geographic-specific issues.** Messaging can focus on issues that are most relevant to a particular population (e.g., families) or a geographic region (e.g., hurricanes).
  - **Words used (vocabulary).** The vocabulary used to convey a message will be more effective if it is understandable and relevant to the target audience.
Defining Success

More than one expert presenter urged attendees to consider messaging in terms of what success—or the desired outcome—would look like. Participants offered the following ways to describe success in terms of individual preparedness, some of which reference insights shared within presentations made by Dennis Mileti and Tony Foleno.

- **Survivability.** Success is measured in terms of fewer casualties and injuries or the ability to survive a catastrophic event.

- **Self-sufficiency and empowerment.** Success is represented by a collective responsibility and ownership in preparing for and responding to disasters so that individuals do not need to rely on first responders.

- **Changing the social norm.** Success is a newly formed culture of preparedness and readiness, where preparedness becomes part of day-to-day routines and communication.

- **Understanding and preparing for protective actions.** Success means that people know the steps to take, have the tools required, and have taken action to protect themselves.

- **Increasing the dialogue on disasters.** Success is demonstrated by peer-to-peer communication and an increase in the dialogue around emergency and disaster preparedness.

- **Ability to bounce back.** Success is when individuals and communities have the capacity to return to their daily activities as quickly as possible and to a healthy economy. Success also is being a more resilient nation.

- **Policy and incentives.** Success is reflected in policy and legislative components that support preparedness and offer incentives for participation.

In addition, participants stated that communicating well after a disaster, making incremental improvements toward preparedness, and preparing for the entire lifecycle of events would result in greater success.

Identifying Channels

When asked which channels we should use to reach the public regarding preparedness, participants’ responses were mostly grouped into the following themes, presented in the order in which they were most frequently mentioned.

- **Trusted Messengers.** As individuals tend to listen more intently to messengers they trust, participants recommended working with the faith community, employers, teachers, elected officials, doctors and nurses, scientists, academia, and local first responders.
• **Social Media and Mobile Communications.** With the continued growth of social networks, participants recommended using tweets, texting, other social media, and mobile applications (e.g., weather app) to reach individuals’ social streams.

• **Traditional Media.** Participants also recommended traditional media, which remains a significant source of information nationwide, including TV and radio, and leveraging the interplay between traditional and social media.

• **Talking to Other People.** A frequent theme mentioned throughout the workshop by participants was the importance of peer-to-peer communication and word of mouth as key information channels.

In addition, participants noted transportation messaging, hazard-specific drills, survivor stories, and additional trusted messengers such as caregivers, disability leaders, and celebrities.

**Summary of Recommendations**

This section summarizes insights generated during the workshop from both expert panel presentations and participant expertise that inform messaging strategies around preparedness.

**Points of General Agreement**

Participants enthusiastically discussed the problem statements and the many communication challenges they raised, but did not agree on all solutions. Overall, they concurred that no silver bullet currently exists in terms of communicating effectively with the public about preparedness. Much work remains to be done to identify and implement the most effective solutions, which besides communication may also include legislative policy or incentives as supportive infrastructure.

Participants did generally agree upon some of the fundamentals on communicating about preparedness, such as use of emotional messaging and targeting messaging to various groups, by hazard, or other segmentation strategy.

**Recommendations for a Future Campaign**

The following chart summarizes participant recommendations for a new national preparedness messaging strategy in comparison to the current FEMA and Red Cross Ready campaigns.
## Summary of Participant Recommendations for Future Preparedness Messaging in Comparison to the Current Ready and Be Red Cross Ready Campaigns

<table>
<thead>
<tr>
<th>Element</th>
<th>Current Ready Campaign</th>
<th>Current Be Red Cross Ready Campaign</th>
<th>Future Campaign</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Audience</td>
<td>Entire population, with customized messages for youth and businesses.</td>
<td>General public.</td>
<td>Segmented audiences based on shared characteristics and information needs.</td>
</tr>
<tr>
<td>Primary Message</td>
<td>Be Informed, Make a Plan, Build a Kit (Get Involved).</td>
<td>Get a kit, Make a Plan, Be Informed.</td>
<td>Either a national message with targeted micro campaigns or a single common message for use across demographics. Messages should build upon motivators, which may include a sense of responsibility for others, targeted messages, and an understanding of the risk and consequences.</td>
</tr>
<tr>
<td>Primary Channels</td>
<td>Advertising, Web.</td>
<td>Advertising, Web, In-Person Workshops, Talks.</td>
<td>Trusted messengers, social media and mobile, traditional media, and peer-to-peer communication.</td>
</tr>
<tr>
<td>Research Base</td>
<td>Primarily focused on the attributes of people who are and are not taking action.</td>
<td>Primarily focused on the attributes of people who are and are not taking action.</td>
<td>Available research from multiple sources on preparedness messaging and actions, supplemented by focus group testing of potential messages with intended audiences.</td>
</tr>
</tbody>
</table>
Define Success

Significant discussion took place about the need to define success in terms of preparedness. Such clarity around a shared definition of success is necessary to ground messaging and enable the preparedness field to develop consistent measures for tracking progress and identifying best practices. Top recommendations for defining success were:

- Survival;
- Self-sufficiency and empowerment; and
- Changing the social norm.

Define the Target Audience(s)

Workshop participants agreed overall that audience segmentation enables messaging to reach people according to their willingness to take steps toward preparedness and their ability to lead others. While several potential target audiences exist, the majority of participants recommended targeting:

- Those who depend upon themselves for protection from disasters;
- Those who others may rely on to lead during a disaster; and
- Children, who can play a strong and influential role in family preparedness.

Define Preparedness

Workshop participants agreed that the preparedness field needs clear direction around what they should be asking people to do to become prepared. While participants recommended hazard-specific or other tailored messages at the local level, they also generally concurred that a national preparedness message that serves as the backbone or infrastructure for local messaging is needed. Participants most frequently identified the following as the definition of preparedness:

- Learn the risks, know what steps to take, and know what resources to access before, during, and after an emergency;
- Learn the actions that enable survival; and
- Plan ahead, practice, and be ready for a disaster.

Choose the Appropriate Messenger

Over the course of the workshop, several themes emerged in terms of appropriate messengers to convey preparedness messaging to the public. These themes included the following:

- Call upon disaster survivors to share their stories in their own words.
- Facilitate peer-to-peer communications.
- Support local organizations in their ability to convey targeted preparedness messages.
Modify the “Three Steps”

A majority of workshop participants recommended that the “three steps” – Be Informed, Make a Plan, Build a Kit – be used as an organizing principle rather than as the primary message of a national preparedness campaign.

Develop and Test Messaging

Participants were split between whether there should be a new overarching national “umbrella” message that will allow customization for use in various micro campaigns or a single national message. Different appeals and approaches can be tested as umbrella messages, such as the humor involved in the CDC’s “Zombie Apocalypse” blog. Umbrella messages developed for testing should include societal values and emotional connections and draw upon an individual’s:

- Feelings of responsibility for self and others, including family members, pets, neighbors, employees, and businesses;
- Preference for targeted messages that are narrowly focused; hazard-specific; tailored to a specific demographic, community, or region; or targeted by interest; and
- Understanding of the risk and consequences, including the understanding that something they care about is at risk, that benefits of preparing outweigh the costs, and that there are potentially significant consequences of not taking action.

Topics that Warrant Further Discussion

Participants did not reach a consensus on some aspects of preparedness messaging that were highlighted during the course of the discussions, including:

- Whether the “three steps” should remain with modifications or be discontinued;
- Whether fear would be an effective motivator for behavior change;
- Whether survival should be the goal or something else such as quality of life post-disaster; and
- Whether segmenting the public as “lions, lambs, and lone wolves” is the most effective strategy.

Final Point

Overall, workshop participants expressed enthusiasm for continuing the conversation into the future, with many indicating their availability and interest to contribute as needed. FEMA and the Red Cross are committed to establishing a national messaging framework, built upon existing social science research, the findings of this workshop, and new audience research, which can be leveraged by all organizations that conduct outreach regarding preparedness and that can help promote the use of consistent, compelling messages nationwide.
Appendixes

A. Invitation to Summit
B. Participant List
C. Workshop Agenda
D. 2011 FEMA National Household Survey Findings
E. Panelist Presentation Slides
Appendices

A. Invitation to Summit
B. Participant List
C. Workshop Agenda
D. 2011 FEMA National Household Survey Findings
E. Panelist Presentation Slides
Appendix A: Invitation to Summit

The American Red Cross and FEMA invite you* to:

*Awareness to Action:*

*A Workshop on Motivating the Public to Prepare*

at

The historic American Red Cross headquarters

1730 E Street, NW, Washington, DC 20006.

June 26-27, 2012

Our nation’s resilience depends upon individuals and families preparing for potential hazards in their communities. However, public preparedness remains elusive. We seek to develop a set of messages and a coordinated approach to disseminating those messages which will result in greater public preparedness.

This workshop is the first step in that process. The American Red Cross and FEMA are inviting preparedness experts, social scientists, marketing specialists, and practitioners to a two-day workshop to wrestle with some of the most critical questions in preparedness messaging and chart a path forward to more effective communication and messaging strategies.

A sampling of the issues to be discussed are as follows:

- What motivates people to prepare? Should we focus on their values, social norms, their risks, and/or the benefits of preparedness?
- Are the “3 steps” (a disaster plan, kit, information) what we want to ask the public to do?
- Should preparedness messaging be the same for all audiences or differ by target audiences?

* Note: Attendance is extremely limited for this event and this invitation is non-transferable.
## Appendix B: Participant List

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Business Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>David</td>
<td>Abramson</td>
<td>National Center for Disaster Preparedness</td>
<td>Deputy Director and Director of Research</td>
</tr>
<tr>
<td>Bill</td>
<td>Andrews</td>
<td>American Red Cross</td>
<td>Vice President</td>
</tr>
<tr>
<td>Paulette</td>
<td>Aniskoff</td>
<td>FEMA</td>
<td>Director of Individual &amp; Community Preparedness</td>
</tr>
<tr>
<td>Tomara</td>
<td>Arrington</td>
<td>U.S. Fire Administration</td>
<td>Program Manager</td>
</tr>
<tr>
<td>Harvey</td>
<td>Ball</td>
<td>US Department of Health and Human Services</td>
<td>Senior Public Health Advisor</td>
</tr>
<tr>
<td>Debra</td>
<td>Ballen</td>
<td>Insurance Institute for Business &amp; Home Safety (IBHS)</td>
<td>General Counsel and SVP of Public Policy</td>
</tr>
<tr>
<td>Mitchell</td>
<td>Bass</td>
<td>New York City Office of Emergency Management</td>
<td>Program Manager</td>
</tr>
<tr>
<td>Mark</td>
<td>Benthen</td>
<td>Southern California Earthquake Center</td>
<td>Director for Communication, Education, and Outreach</td>
</tr>
<tr>
<td>Kellie</td>
<td>Bentz</td>
<td>Points of Light</td>
<td>Director, Disaster Services</td>
</tr>
<tr>
<td>Chris</td>
<td>Bernstein</td>
<td>FEMA</td>
<td>Web Program Manager, Ready Campaign</td>
</tr>
<tr>
<td>Brian</td>
<td>Blake</td>
<td>Central U.S. Earthquake Consortium</td>
<td>Program Coordinator</td>
</tr>
<tr>
<td>Jake</td>
<td>Bogoch</td>
<td>Leo Burnett</td>
<td>Senior Strategist</td>
</tr>
<tr>
<td>Selma</td>
<td>Bouhl</td>
<td>American Red Cross</td>
<td>VP - Marketing Strategy &amp; Integration</td>
</tr>
<tr>
<td>Jenelle</td>
<td>Cardone</td>
<td>DHS/FEMA</td>
<td>Supervisory Program Specialist</td>
</tr>
<tr>
<td>Aretha</td>
<td>Carter</td>
<td>Corporation for National and Community Service</td>
<td>Director, Disaster Services</td>
</tr>
<tr>
<td>Marcus</td>
<td>Coleman</td>
<td>FEMA</td>
<td></td>
</tr>
<tr>
<td>Ben</td>
<td>Curran</td>
<td>FEMA</td>
<td>NGO Coordinator</td>
</tr>
<tr>
<td>Suzy</td>
<td>DeFrancis</td>
<td>American Red Cross</td>
<td>Chief Public Affairs Officer</td>
</tr>
<tr>
<td>Kelly</td>
<td>DeGraff</td>
<td>Corporation for National and Community Service</td>
<td>Director, Disaster Services</td>
</tr>
<tr>
<td>Dan</td>
<td>Desantis</td>
<td>ICF International</td>
<td></td>
</tr>
<tr>
<td>Elizabeth</td>
<td>DiGregorio</td>
<td>American Red Cross</td>
<td>Senior Director, Programs</td>
</tr>
<tr>
<td>Daniel</td>
<td>Dodgen</td>
<td>HHS/ASPR</td>
<td>Director, ABC Division</td>
</tr>
<tr>
<td>Joseph B</td>
<td>Donovan</td>
<td>Beacon Capital Partners</td>
<td>Senior Vice President</td>
</tr>
<tr>
<td>Nancy</td>
<td>Dragan</td>
<td>Ohio Emergency Management Agency</td>
<td>Executive Director</td>
</tr>
<tr>
<td>Angi</td>
<td>English</td>
<td>Texas Governor's Committee on People with Disabilities</td>
<td>Executive Director</td>
</tr>
<tr>
<td>Tony</td>
<td>Foleno</td>
<td>The Ad Council</td>
<td>Senior Vice President, Research &amp; Evaluation</td>
</tr>
<tr>
<td>Carol</td>
<td>Freeman</td>
<td>ICF International</td>
<td>Vice President</td>
</tr>
<tr>
<td>Craig</td>
<td>Fugate</td>
<td>FEMA</td>
<td>Administrator</td>
</tr>
<tr>
<td>CC</td>
<td>Gachet</td>
<td>AARP</td>
<td>Campaign Optimization Lead</td>
</tr>
<tr>
<td>Amy</td>
<td>Gibson-Grant</td>
<td>Ad Council</td>
<td>VP, Campaign Director</td>
</tr>
<tr>
<td>Corey</td>
<td>Gruber</td>
<td>FEMA</td>
<td>Assistant Administrator, National Preparedness Directorate</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Organization/Role</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------</td>
<td>--------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Katherine Herbst</td>
<td>Program Associate</td>
<td>American Red Cross</td>
<td></td>
</tr>
<tr>
<td>Douglas Hilderbrand</td>
<td>NOAA Policy Adviser</td>
<td>Dept. of Commerce</td>
<td></td>
</tr>
<tr>
<td>Nicole Hoffman</td>
<td>Program Coordinator</td>
<td>USAsOnWatch-The National Sheriffs’ Association</td>
<td></td>
</tr>
<tr>
<td>Kristin Hogan</td>
<td>Strategic Communications Planners</td>
<td>San Francisco Department of Emergency Management</td>
<td></td>
</tr>
<tr>
<td>Laura Howe</td>
<td>Vice President, Public Relations</td>
<td>American Red Cross</td>
<td></td>
</tr>
<tr>
<td>Steve Jensen</td>
<td></td>
<td>American Red Cross Scientific Advisory Council</td>
<td></td>
</tr>
<tr>
<td>Ana-Marie Jones</td>
<td>Executive Director</td>
<td>Collaborating Agencies Responding to Disasters (CARD)</td>
<td></td>
</tr>
<tr>
<td>Elleen Kane</td>
<td>Public Affairs Specialist</td>
<td>HHS/ASPR</td>
<td></td>
</tr>
<tr>
<td>Mike Kangior</td>
<td>Director of Resilience Policy</td>
<td>DHS Policy Office</td>
<td></td>
</tr>
<tr>
<td>Allen Kay</td>
<td>Chairman/CEO</td>
<td>Korey Kay &amp; Partners</td>
<td></td>
</tr>
<tr>
<td>Kevin Kelley</td>
<td>Sr. Director, Operations, Community Preparedness and Resilience Services</td>
<td>American Red Cross</td>
<td></td>
</tr>
<tr>
<td>Paul Kesner</td>
<td>Lead, Center for School Preparedness</td>
<td>U.S. Department of Education</td>
<td></td>
</tr>
<tr>
<td>Ali Khan</td>
<td>Director, Office of Public Health Preparedness and Response</td>
<td>Centers for Disease Control and Prevention</td>
<td></td>
</tr>
<tr>
<td>Butch Kinerny</td>
<td>Chief, Strategic Communications</td>
<td>Federal Insurance and Mitigation Administration, FEMA</td>
<td></td>
</tr>
<tr>
<td>Diane Klopack</td>
<td>Deputy Program Manager, Emergency Management &amp; Continuity</td>
<td>U.S. Department of the Treasury</td>
<td></td>
</tr>
<tr>
<td>Sara Kushnir</td>
<td>Director of External Engagement, Office of Public Affairs</td>
<td>U.S. Department of Homeland Security</td>
<td></td>
</tr>
<tr>
<td>Sharon Leighton</td>
<td>Program Manager</td>
<td>NBCUniversal</td>
<td></td>
</tr>
<tr>
<td>Donovan Leighton</td>
<td>Vice President - Threat Analysis</td>
<td>FEMA Individual and Community Preparedness Division</td>
<td></td>
</tr>
<tr>
<td>Kate Long</td>
<td>Earthquake and Tsunami Program Deputy</td>
<td>California Emergency Management Agency</td>
<td></td>
</tr>
<tr>
<td>Rocky Lopes</td>
<td>Manager, Education and Outreach</td>
<td>Representing: International Assoc. of Emer. Mgrs.</td>
<td></td>
</tr>
<tr>
<td>Keri Lubell</td>
<td>Senior Scientist</td>
<td>Centers for Disease Control and Prevention</td>
<td></td>
</tr>
<tr>
<td>Leslie Luke</td>
<td>Group Program Manager</td>
<td>County of San Diego Office of Emergency Services</td>
<td></td>
</tr>
<tr>
<td>Darryl Madden</td>
<td>Director</td>
<td>Ready Campaign</td>
<td></td>
</tr>
<tr>
<td>Karen Marsh</td>
<td>Program Specialist</td>
<td>FEMA Individual and Community Preparedness Division</td>
<td></td>
</tr>
<tr>
<td>Harry Mayer</td>
<td>HHS PPD #8 Coordinator</td>
<td>US Dept Health and Human Services</td>
<td></td>
</tr>
<tr>
<td>Gail McGovern</td>
<td>Sr. Business Partner- Strategic Partnerships</td>
<td>American Red Cross</td>
<td></td>
</tr>
<tr>
<td>Nicole McKoin</td>
<td></td>
<td>Target</td>
<td></td>
</tr>
<tr>
<td>Dennis Mileti</td>
<td>Professor Emeritus</td>
<td>University of Colorado, Natural Hazards Center</td>
<td></td>
</tr>
<tr>
<td>Amy Mintz</td>
<td>Sen. Director, Government Operations, Disaster Services</td>
<td>American Red Cross</td>
<td></td>
</tr>
<tr>
<td>Jeannie Moran</td>
<td>Youth Director</td>
<td>FEMA</td>
<td></td>
</tr>
<tr>
<td>Tom Moran</td>
<td>Executive Director</td>
<td>All Hazards Consortium</td>
<td></td>
</tr>
<tr>
<td>Paul Myers</td>
<td>Program Specialist</td>
<td>Save the Children: Domestic Emergencies Unit</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Organization/Position</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------</td>
<td>-----------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>David L. Myers</td>
<td>DHS Center for Faith-based and Neighborhood Partnerships</td>
<td>Director</td>
<td></td>
</tr>
<tr>
<td>Bob O'Connor</td>
<td>National Science Foundation</td>
<td>Program Director, Decision, Risk and Management Sciences</td>
<td></td>
</tr>
<tr>
<td>Courtney Partlow</td>
<td>ICF International</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alicja Patela</td>
<td>Disaster Distress Hotline</td>
<td>Communications Coordinator</td>
<td></td>
</tr>
<tr>
<td>Jacqueline Patterson</td>
<td>NAACP</td>
<td>Director, Environmental and Climate Justice</td>
<td></td>
</tr>
<tr>
<td>Russ Paulsen</td>
<td>American Red Cross</td>
<td>Executive Director, Community Preparedness and Resilience</td>
<td></td>
</tr>
<tr>
<td>Dennis Petrokey</td>
<td>U.S. Travel Association</td>
<td>Senior Vice President, Communications</td>
<td></td>
</tr>
<tr>
<td>Steve Precker</td>
<td>Teracore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tod Pritchard</td>
<td>Wisconsin Emergency Management</td>
<td>Emergency Preparedness Coordinator</td>
<td></td>
</tr>
<tr>
<td>Karen Quarles</td>
<td>American Red Cross</td>
<td>Director, Federal Relations</td>
<td></td>
</tr>
<tr>
<td>Dante Randazzo</td>
<td>FEMA ICPD</td>
<td>Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Clarice Ransom</td>
<td>U.S. Geological Survey</td>
<td>Congressional Affairs (detail), Office of Communications and Publishing</td>
<td></td>
</tr>
<tr>
<td>Richard Reed</td>
<td>American Red Cross</td>
<td>Vice President, Preparedness &amp; Resilience Strategy</td>
<td></td>
</tr>
<tr>
<td>Jeff Rent</td>
<td>Miss. Emergency Management Agency</td>
<td>Dir. of External Affairs</td>
<td></td>
</tr>
<tr>
<td>Amanda Ripley</td>
<td>FEMA</td>
<td>Director, Office of Disability Integration and Coordination</td>
<td></td>
</tr>
<tr>
<td>Marcie Roth</td>
<td>FEMA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Randolph Rowel</td>
<td>Morgan State University</td>
<td>FEMA Public Sector Representative</td>
<td></td>
</tr>
<tr>
<td>Sharron Silva</td>
<td>American National Red Cross</td>
<td>Director, Market Research</td>
<td></td>
</tr>
<tr>
<td>Margaret Silver</td>
<td>Centers for Disease Control and Prevention</td>
<td>Health Communication Specialist</td>
<td></td>
</tr>
<tr>
<td>Jessica Smith</td>
<td>FEMA</td>
<td>Director, External Affairs</td>
<td></td>
</tr>
<tr>
<td>Jackie Snelling</td>
<td>FEMA</td>
<td>FEMA Individual and Community Preparedness</td>
<td></td>
</tr>
<tr>
<td>Daniel Stoecker</td>
<td>National VOAD</td>
<td>Executive Director</td>
<td></td>
</tr>
<tr>
<td>Dan Stoneking</td>
<td>FEMA</td>
<td>Director, Private Sector, Office of External Affairs</td>
<td></td>
</tr>
<tr>
<td>George Sullivan</td>
<td>American Red Cross</td>
<td>Director of Preparedness</td>
<td></td>
</tr>
<tr>
<td>Cindy Taylor</td>
<td>FEMA</td>
<td>Deputy Director, External Affairs</td>
<td></td>
</tr>
<tr>
<td>Dom Tolli</td>
<td>American Red Cross</td>
<td>Vice President Product Management and Development for Preparedness Health and Safety Services</td>
<td></td>
</tr>
<tr>
<td>Rachel Welborn</td>
<td>Southern Rural Development Center</td>
<td>Program Manager</td>
<td></td>
</tr>
<tr>
<td>Rose Whitehair</td>
<td>National Congress of American Indians</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lynda Williams</td>
<td>FEMA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michele Wood</td>
<td>CSU Fullerton</td>
<td>Assistant Professor</td>
<td></td>
</tr>
<tr>
<td>Chad Wood</td>
<td>Department of Homeland Security</td>
<td>WMD Advisor</td>
<td></td>
</tr>
<tr>
<td>Jacqueline Yannacci</td>
<td>American Red Cross</td>
<td>Program Manager</td>
<td></td>
</tr>
<tr>
<td>Ashley Zohn</td>
<td>FEMA</td>
<td>Program Analyst</td>
<td></td>
</tr>
</tbody>
</table>
Appendix C: Workshop Agenda

Day 1

8:00-8:30am  Registration

8:30-8:45am  Welcome from Gail McGovern, President and CEO of the American Red Cross

8:45-9:15am  Presentations: American Red Cross Civic Preparedness Survey and FEMA National Survey

9:15-10:30am  Key Considerations for Future Preparedness Messaging
Moderator:  Richard Reed, Vice President Preparedness and Resilience Strategy, American Red Cross
Panelists:  Dr. Dennis Mileti, Professor Emeritus, University of Colorado Natural Hazards Center
Kate Long, Earthquake and Tsunami Program Deputy, California Emergency Management Agency
Tony Foleno, Senior Vice President for Research, Ad Council
Amanda Ripley, Author of The Unthinkable

10:30-10:50am  BREAK

10:50-11:00am  Introduction of Working Group Activities

11:00am-12:00pm  Work Session 1: Working Group Discussion: How do we define preparedness for the public? Do we have a better option than the 3 steps?

12:00-1:15pm  LUNCH ON YOUR OWN

1:15 – 2:00pm  Continue Work Session 1 and report outs

2:00-2:15pm  BREAK

2:15-2:30pm  Remarks from Dr. Ali S. Khan, Director CDC Office of Public Health Preparedness and Response

2:30-3:30pm  Work Session 2: Working Group Discussion: How do we motivate the public to prepare?

3:30-3:45pm  BREAK

3:45-4:30pm  Continue Work Session 2 and report outs
**Day 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:00am</td>
<td>Remarks from Craig Fugate, <em>FEMA Administrator</em></td>
</tr>
<tr>
<td>9:00-9:20am</td>
<td>Framing by Dr. David Abramson, <em>Director of Research, National Center for Disaster Preparedness</em></td>
</tr>
<tr>
<td>9:20-10:40am</td>
<td>Work Session 3: Working Group Discussion: Who should be targeted with preparedness education and should different audiences receive different messages?</td>
</tr>
<tr>
<td>10:40-11:00am</td>
<td>BREAK</td>
</tr>
<tr>
<td>11:00-11:45am</td>
<td>Continue Work Session 3 and report outs</td>
</tr>
<tr>
<td>11:45am-1:00pm</td>
<td>LUNCH ON YOUR OWN</td>
</tr>
<tr>
<td>1:00pm-2:30pm</td>
<td>Final reports and large group discussion</td>
</tr>
<tr>
<td>2:30pm-3:00pm</td>
<td>Workshop wrap up and next steps</td>
</tr>
</tbody>
</table>
Appendix D: 2011 FEMA National Survey Findings

-FEMA Research on Individual Preparedness-

- **National Surveys:**
  - Ready Campaign Tracking Surveys: 2004-2011, periodic Hispanic focus

- **Urban Area Surveys:**
  - Indianapolis, New York City, Houston, San Francisco: 2007
  - Chicago, Houston, Los Angeles/Long Beach, New York/Newark, San Francisco, National Capital Region: 2009

- **Hazard Specific Surveys:**
  - Central States Earthquake Preparedness Survey: 2011
  - Flood Awareness Survey: 2010
Framing Preparedness

Snapshot of the 3 Steps: Plan and Kit

<table>
<thead>
<tr>
<th>Make a Plan</th>
<th>2007</th>
<th>2009</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developed household plan</td>
<td>42%</td>
<td>44%</td>
<td>46%</td>
</tr>
<tr>
<td>Discussed with other household members</td>
<td>37%</td>
<td>41%</td>
<td>42%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Build a Kit</th>
<th>2007</th>
<th>2009</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported having supplies</td>
<td>53%</td>
<td>57%</td>
<td>52%</td>
</tr>
<tr>
<td>Reported having updated supplies and named three or more supplies</td>
<td>26%</td>
<td>35%</td>
<td>33%</td>
</tr>
</tbody>
</table>
### Summary Report on Awareness to Action:
**A Workshop on Motivating the Public to Prepare**

**February 2013**

---

#### Snapshot of the 3 Steps: Be Informed

<table>
<thead>
<tr>
<th>Knowledge, Skills, Training</th>
<th>2007</th>
<th>2009</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knows local hazards</td>
<td>-</td>
<td>34%</td>
<td>32%</td>
</tr>
<tr>
<td>Familiar with community alerts and warning systems</td>
<td>45%</td>
<td>50%</td>
<td>44%</td>
</tr>
<tr>
<td>Familiar with community evacuation plan</td>
<td>-</td>
<td>-</td>
<td>17%</td>
</tr>
<tr>
<td>Attended a meeting on how to be better prepared</td>
<td>23%</td>
<td>25%</td>
<td>27%</td>
</tr>
<tr>
<td>Participated in workplace shelter-in-place drill</td>
<td>27%</td>
<td>27%</td>
<td>28%</td>
</tr>
<tr>
<td>Attended first aid skills training</td>
<td>33%</td>
<td>37%</td>
<td>37%</td>
</tr>
<tr>
<td>Attended community emergency response training</td>
<td>10%</td>
<td>13%</td>
<td>13%</td>
</tr>
</tbody>
</table>

*"- indicates question not asked for survey fielded that year*

---

#### Snapshot of the 3 Steps: Be Informed

<table>
<thead>
<tr>
<th>Protective Actions: Ability to Respond</th>
<th>2007</th>
<th>2009</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sudden Natural Disaster (earthquake/tornado) -- first 5 min</td>
<td>57%</td>
<td>53%</td>
<td>51%</td>
</tr>
<tr>
<td>Weather Emergency (hurricane/snowstorm)</td>
<td>-</td>
<td>-</td>
<td>67%</td>
</tr>
<tr>
<td>Flood</td>
<td>-</td>
<td>-</td>
<td>52%</td>
</tr>
<tr>
<td>Wildfire</td>
<td>-</td>
<td>-</td>
<td>44%</td>
</tr>
<tr>
<td>Terrorist Act -- first 5 min</td>
<td>19%</td>
<td>20%</td>
<td>22%</td>
</tr>
<tr>
<td>Hazardous Materials Accident (release of chemical agent) -- first 5 min</td>
<td>23%</td>
<td>26%</td>
<td>25%</td>
</tr>
<tr>
<td>Disease Outbreak</td>
<td>-</td>
<td>-</td>
<td>35%</td>
</tr>
</tbody>
</table>

*"- indicates question not asked for survey fielded that year*
### Snapshot of the 3 Steps: Be Informed

<table>
<thead>
<tr>
<th>Protective Actions</th>
<th>Earthquake</th>
<th>Correct Answers</th>
<th>Incorrect Answers</th>
<th>Don't Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Correctly Stated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Get down close to the ground</td>
<td>71%</td>
<td>24%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Get under a big piece of furniture or other cover</td>
<td>59%</td>
<td>38%</td>
<td>3%</td>
<td></td>
</tr>
<tr>
<td>Hold on to something</td>
<td>55%</td>
<td>40%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Incorrectly Stated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In an earthquake, you should get in a doorway</td>
<td>32%</td>
<td>64%</td>
<td>3%</td>
<td></td>
</tr>
</tbody>
</table>

### A Fourth Step: Get Involved

<table>
<thead>
<tr>
<th>Get Involved</th>
<th>2007</th>
<th>2009</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volunteered to support emergency responder organizations or community prep/safety</td>
<td>23%</td>
<td>23%</td>
<td>22%</td>
</tr>
<tr>
<td>Volunteer to help in a disaster</td>
<td>32%</td>
<td>34%</td>
<td>34%</td>
</tr>
</tbody>
</table>
Motivating the Public to Prepare

People’s Attitudes Toward Natural Disasters are Different than Other Types of Disasters
Preparedness Behavior Composite for Drivers Analysis

- Knowing about alerts and warnings systems
- Having a plan; discussed the plan with family members
- Having supplies and naming three or more updated supplies
- Participating in trainings and meetings
- Participating in drills

Identifying Critical Relationships: Attitudes and Preparedness Behaviors

[Diagram showing relationships between attitudes and preparedness behaviors]
Identifying Critical Relationships: Personal Experience and Preparedness Behaviors

Target Audiences
Summary Report on Awareness to Action: A Workshop on Motivating the Public to Prepare

February 2013

Mind and Behavioral Segmentation

46% “It’s not on their radar”
Least Informed, Least Prepared
- 17% have conducted three or more preparedness behaviors
- Not knowledgeable about local risks and plans and don’t perceive disasters as likely
- Fewer experiences related to preparedness (e.g., less likely to talk about preparedness)
- Lower levels of belief that preparing is affordable or that it helps
- Expect to rely on the government and non-profits following a disaster
- More likely to be between 18 and 34 years
- Less likely to volunteer for community disaster response

14% “It’s part of their life”
Informed and Prepared
- 68% have conducted 3 or more preparedness behaviors
- Informed about local risks and familiar with community plans
- Confident in abilities to respond
- Likely to volunteer for community preparedness/safety or disaster response
- Likely to have planning encouraged by job or school
- More likely to be male, be between 35 and 64 years, have an income of $75,000 or higher and have full-time employment

18% “It’s on their mind”
More Concerned, Less Prepared
- 30% have conducted three or more preparedness behaviors
- Perceived terrorism/hazard/disaster disasters as likely and severe and perceives natural disasters as severe
- Expect to rely on the government and nonprofits following a disaster
- Not informed about local risks and plans
- More likely to be female, have a household income under $25,000, have a high school education or less, be between the ages of 35 and 54, be unemployed, have a disability that prevents them from preparing or responding and assist an individual with a disability
- Less likely to own their home, have a bachelor’s degree or higher education

21% “They’re working on it”
Some Information, Some Preparation
- 51% have conducted three or more preparedness behaviors
- Knows how to prepare
- Mixed information about local risks and unfamiliar with community plans
- Low levels of risk perception and belief that preparedness helps
- Likely to volunteer for community preparedness/safety or disaster response
- Less likely to have planning encouraged by job or school
- More likely than the sample to own their home and have a bachelor’s degree or more education

Socio-Demographic Highlights

- Individuals who reported having a disability or health condition that might affect their capacity to respond (13%):
  - Are much more likely to need help evacuating (36% v 22% N)
  - Are not any more likely to have a household plan (44% v 46% N)
  - Have the same low level of knowing their community evacuation plan (17% v 18% N)

- Individuals with reported income below $25K have higher expectations for assistance in the first 72 hours from:
  - Fed/State government (47% v 35% N)
  - Non-profit organizations (56% v 43% N)
  - Faith community (44% v 38% N)
  - And have a lower expectation of reliance on family (62% v 73% N)

N represents aggregate national data
Summary Report on Awareness to Action:  
A Workshop on Motivating the Public to Prepare

February 2013

Socio-Demographic Highlights

- Individuals who live in densely populated areas are more likely to expect terrorism (26% v 15% N), hazmat (26% v 23% N), and disease (23% v 19% N), BUT are less confident in their ability to respond:
  - Natural Disaster (40% v 51% N)
  - Terrorism (16% v 21% N)
  - Hazardous Materials (18% v 26% N)
  - Disease Outbreak (30% v 35% N)

- Individuals who would need to rely on public transportation or transportation from the government to leave the area (22% nationally; 50% in population dense areas):
  - As likely to know community’s plans for evacuation (20% v 17% not rely)
  - Indicate a higher expected reliance on responders (66% v 47% not rely), non-profits (60% v 38% not rely), and government (48% v 31% not rely)

N represents aggregate national data; “not rely” represents those that indicated they would not need to rely on public transportation or transportation from the government.

Communications Can Have an Effect

<table>
<thead>
<tr>
<th>Central States ~ Outreach Awareness</th>
<th>Total</th>
<th>Aware</th>
<th>Not Aware</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perceived risk of major earthquake</td>
<td>18%</td>
<td>28%</td>
<td>16%</td>
</tr>
<tr>
<td>Familiar with community alert and warning systems</td>
<td>69%</td>
<td>80%</td>
<td>65%</td>
</tr>
<tr>
<td>Developed a household emergency plan</td>
<td>57%</td>
<td>71%</td>
<td>53%</td>
</tr>
<tr>
<td>Gathered disaster supplies</td>
<td>55%</td>
<td>69%</td>
<td>51%</td>
</tr>
<tr>
<td>Completed any mitigation activity</td>
<td>58%</td>
<td>71%</td>
<td>55%</td>
</tr>
<tr>
<td>Participated in an EQ drill at home, work, or school</td>
<td>14%</td>
<td>30%</td>
<td>9%</td>
</tr>
<tr>
<td>Attended a meeting on earthquake preparedness</td>
<td>5%</td>
<td>15%</td>
<td>2%</td>
</tr>
<tr>
<td>Talked about getting prepared with others in your community</td>
<td>30%</td>
<td>43%</td>
<td>27%</td>
</tr>
</tbody>
</table>

Respondents were coded “aware” if they had read, seen, or heard about earthquake drills, education or advertising in their state.
Your Thoughts
Appendix E: Panelist Presentation Slides

- American Red Cross Civic Preparedness Survey
- FEMA National Survey
- Dr. Dennis Mileti, Professor Emeritus, University of Colorado Natural Hazards Center
- Kate Long, Earthquake and Tsunami Program Deputy, California Emergency Management Agency
- Tony Foleno, Senior Vice President for Research, Ad Council
- Amanda Ripley, Author of the Unthinkable
- Dr. David Abramson Director of Research, National Center for Disaster Preparedness
Public Preparedness:
Gulf Coast (SE Louisiana and South Mississippi) and Colorado
and a few findings from other studies

For each location, a 15-minute general telephone survey was conducted from mid-October through early-December 2010, with roughly 1,000 survey completes (Gulf Coast 1,005) and Colorado 1,016). The overall sample size of 1,000 yields a margin of error of about +/-3.1 percent. A follow-up survey about motivators and barriers was conducted in February and March 2011. IFC Macro assisted in survey development, conducted the surveys and returned the results to the American Red Cross for analysis.

Presentation: June 2012

Gulf Coast residents have a greater sense of risk for some types of disasters

- A natural disaster such as a wildfire, earthquake, tornado, hurricane, or flood: 56% (Colorado) vs 87% (Gulf Coast)
- A power outage that lasts 24 hours or more: 64% (Colorado) vs 79% (Gulf Coast)
- Home based emergency (such as an apartment fire or house fire): 49% (Colorado) vs 67% (Gulf Coast)
- A chemical or gas spill where people have to evacuate from their homes: 28% (Colorado) vs 43% (Gulf Coast)
- A terrorist attack: 24% (Colorado) vs 31% (Gulf Coast)
- An outbreak of a life-threatening disease: 27% (Colorado) vs 28% (Gulf Coast)

Very or Somewhat Likely
- Colorado
- Gulf Coast

American Red Cross
In most areas, Gulf Coast residents have taken more steps to prepare

<table>
<thead>
<tr>
<th>Activity</th>
<th>Gulf Coast</th>
<th>Colorado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identified the evacuation routes to get out of town that you would use</td>
<td>43%</td>
<td>87%</td>
</tr>
<tr>
<td>Prepared a supply kit with water, food, and first aid supplies in one</td>
<td>49%</td>
<td>70%</td>
</tr>
<tr>
<td>Made copies of important documents like birth certificates, social</td>
<td>49%</td>
<td>68%</td>
</tr>
<tr>
<td>security cards, marriage certificates, and...</td>
<td>42%</td>
<td>66%</td>
</tr>
<tr>
<td>Sat down with members of your household to make a specific plan for</td>
<td>48%</td>
<td>61%</td>
</tr>
<tr>
<td>you how you would get in touch with each</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practiced what to do during an emergency such as a fire in your home.</td>
<td>32%</td>
<td>30%</td>
</tr>
<tr>
<td>Attended a CPR or first aid training within the last two years</td>
<td>11%</td>
<td>18%</td>
</tr>
<tr>
<td>Volunteered with a local emergency response organization or</td>
<td>19%</td>
<td>34%</td>
</tr>
<tr>
<td>neighborhood safety organization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signed up to receive emergency alerts and warnings from local</td>
<td></td>
<td></td>
</tr>
<tr>
<td>government</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Many have seen or heard recommendations on how to prepare (Past Two Years)

<table>
<thead>
<tr>
<th>Recommendations from government or other organizations on how to prepare</th>
<th>Colorado</th>
<th>Gulf Coast</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>65%</td>
<td>83%</td>
</tr>
</tbody>
</table>

Heard specific recommendations about

<table>
<thead>
<tr>
<th>Activity</th>
<th>Gulf Coast</th>
<th>Colorado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembling a Kit</td>
<td>68%</td>
<td>84%</td>
</tr>
<tr>
<td>Creating &amp; Practicing an Emergency Plan</td>
<td>54%</td>
<td>73%</td>
</tr>
<tr>
<td>Collecting Community-Related Information</td>
<td>32%</td>
<td>66%</td>
</tr>
</tbody>
</table>

Very or Somewhat Likely
Sources of information are diverse (Past Two Years)

From our routine polling, we estimate that we reach 20%-25% of the households each year with preparedness information.

What Motivated People to Take Some Action in Getting Prepared

- Concern for safety of family or others: 30% (Colorado), 20% (Gulf Coast)
- Concern for my own safety: 17% (Colorado), 22% (Gulf Coast)
- To protect my property: 8% (Colorado), 6% (Gulf Coast)
- Mandatory for job/school: 3% (Colorado), 6% (Gulf Coast)
- Because others I know were preparing: 4% (Colorado), 3% (Gulf Coast)
- General interest/hobby: 2% (Colorado), 3% (Gulf Coast)
- Other: 44% (Colorado), 48% (Gulf Coast)
- DK/Refused: 3% (Colorado), 3% (Gulf Coast)
What Has Prevented You from Taking All These Steps to be Prepared

- Already know how to be prepared: 7% (Colorado), 24% (Gulf Coast)
- Lack of time: 15% (Colorado), 24% (Gulf Coast)
- Don't think it is important: 10% (Colorado), 9% (Gulf Coast)
- Haven't thought about it: 7% (Colorado), 14% (Gulf Coast)
- Don't have information on what to do: 4% (Colorado), 3% (Gulf Coast)
- Don't think it will help: 2% (Colorado), 3% (Gulf Coast)
- Emergency responders (police, fire, etc.) will help me: 1% (Colorado), 1% (Gulf Coast)
- Other: 30% (Colorado), 34% (Gulf Coast)
- Don't know/Refused: 7% (Colorado), 8% (Gulf Coast)

Preparedness Motivators

- Agree or Strongly Agree
  - Being prepared for emergencies can keep me safe: 92% (Colorado), 93% (Gulf Coast)
  - Being prepared for emergencies can keep my family and loved ones safe: 94% (Colorado), 95% (Gulf Coast)
  - It's common sense to prepare for emergencies: 94% (Colorado), 95% (Gulf Coast)
  - My own experience with disasters or emergencies has made me think about getting prepared: 64% (Colorado), 92% (Gulf Coast)
  - [Katrina/Wildfires] made me think about getting prepared for emergencies in my community: 47% (Colorado), 89% (Gulf Coast)
  - Being prepared for emergencies can keep my property safe: 81% (Colorado), 86% (Gulf Coast)
  - News stories of disasters make me think about getting prepared for emergencies in my community: 71% (Colorado), 83% (Gulf Coast)
  - People I know have taken steps to prepare for emergencies: 61% (Colorado), 81% (Gulf Coast)
  - My job or school requires me to be prepared for emergencies: 39% (Colorado), 62% (Gulf Coast)
Barriers to Preparedness

Gulf Coast: What factors correlate with increased preparedness (as measured by number of steps taken)?

- Receiving preparedness information from more sources
- A strong belief that being prepared for emergencies can keep my family and loved ones safe.
- Community connections— the number of organizations that the person participates in at least once a month
- Hearing specific recommendations about kit supplies, making and practicing an emergency plan, and collecting community-specific information
Colorado: What factors correlate with increased preparedness (as measured by number of steps taken)?

- Less overall agreement with the barriers-to-preparedness statements
- Receiving preparedness information from more sources
- Being male
- Agreement with more of the motivation scale statements
- Hearing specific recommendations about kit supplies, making and practicing an emergency plan, and how to collecting community-specific information

Gulf Coast Low-Income Residents: What factors correlate with increased preparedness?

- Receiving preparedness information from more sources
- Strong agreement with “My own experience with disasters and emergencies has made me think about getting prepared.”
- A higher overall motivation score
- Disagreement with “I just don’t have time to take all the steps I have heard about to prepare for emergencies.
- Hearing specific recommendations about kit supplies, making and practicing an emergency plan, and how to collecting community-specific information
Other Definitions of Preparedness

**Do More Than Cross Your Fingers**

December 2010

- Put together an emergency kit with a 3-day supply of water, food, medications, flashlight, radio, first aid kit and other supplies for you and your household members
- Identify an out-of-town contact person that you and your household members know how to call or send a text message to in case you become separated during an emergency
- Choose a place outside your neighborhood to meet in the event you cannot return home or are asked to evacuate
- Practice your emergency plan by either having a home fire drill or driving your evacuation route
- Complete first aid or CPR training

10% had completed all five actions, No change October 2009-October 2010

Also asked: Volunteer to prepare for and respond to an emergency or disaster

**Public Readiness Index**

July 2008

- Prepared a disaster supply kit with emergency supplies like water, food and medicine that is kept in a designated place in your home
- Prepared a small kit with emergency supplies that you keep at home, in your care, or where you work to take with you if you had to leave quickly
- Made a specific plan for how you and your family would communicate in an emergency situation if you were separated
- Established a specific meeting place to reunite in the event you and your family cannot return home or are evacuated
- Practiced or drilled on what to do in an emergency at home
- Volunteered to help prepare for or respond to a major emergency
- And, IN THE PAST FIVE YEARS, have you taken first aid or CPR training

4% had taken all seven actions

---

**Specific Emergency Supplies**

<table>
<thead>
<tr>
<th>Supplies</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashlight</td>
<td>90%</td>
</tr>
<tr>
<td>Family and emergency contact information</td>
<td>77%</td>
</tr>
<tr>
<td>Sanitation/Personal hygiene items</td>
<td>77%</td>
</tr>
<tr>
<td>Extra batteries</td>
<td>75%</td>
</tr>
<tr>
<td>First aid kit</td>
<td>72%</td>
</tr>
<tr>
<td>Medical supplies</td>
<td>70%</td>
</tr>
<tr>
<td>Multi-purpose tool</td>
<td>70%</td>
</tr>
<tr>
<td>Non-perishable food for each person</td>
<td>67%</td>
</tr>
<tr>
<td>Copies of personal documents</td>
<td>65%</td>
</tr>
<tr>
<td>Water for each person</td>
<td>56%</td>
</tr>
<tr>
<td>Battery-powered radio</td>
<td>52%</td>
</tr>
<tr>
<td>Extra cash</td>
<td>52%</td>
</tr>
<tr>
<td>Cell phone and a way to charge it without power</td>
<td>50%</td>
</tr>
<tr>
<td>Pet supplies</td>
<td>45%</td>
</tr>
<tr>
<td>Baby supplies</td>
<td>11%</td>
</tr>
</tbody>
</table>

On average, respondents had between 9 and 10 of these items in their homes.

Do More Than Cross Your Fingers, Harris Interactive, 2010
After seeing this list of 15 items, the percent of respondents who felt they were not prepared increased by 9 points.

More Recent Qualitative Research
February 2012 Focus Groups

- Testing creative for preparedness campaigns in San Francisco and Los Angeles
  - Independently developed
  - Two very different approaches

- Some insights into what consumers mean by a “specific recommendation.”
San Francisco “Game Plan”

Strengths

- Made the issue of disaster prep very personal, very grounded: “You’re asking me to take responsibility”
  - Playing on a latent understanding that they are the only line of defense if things go bad
  - Guilt tripping in a calm and acceptable fashion
  - Giving them a plan – a “shopping list” – the thing they crave and feel stressed that they don’t have

Concern

- “Neighborhood” was a big stretch for most – they’re struggling to feel confident about household prep never mind their community
Los Angeles “Real Disaster”

- **Strengths**
  - Tagline is undeniable
  - Very much in Red Cross familiar territory – something very bad can happen; we can help
  - PrepareLA – Led them to expect to get locally customized information at the website

- **Concerns**
  - Needs more resolution – ‘You’ve got me scared… but what do I do??’
    - What is a kit? What is a plan? I’m not informed and that scares me!

**Insights**

- Each campaign was viewed through the lens of ‘OK, but what do I do?’
- No one was looking for perfection or for total security
  - Want a Wal-Mart style check list – this is the key bridge to them actually taking action
  - Want to feel like they are the hero
    - Not being bullied, No need to be scared – just clear directions
PREPAREDNESS CATEGORIES

Cost

Safeguard Finances

Protect Building Structure

Secure Building Contents

Organize Supplies & Equipment

Train & Practice

Plan What to Do

Learn How to Prepare

Many of the things people can do to prepare are free! & People may already have some things in place.

Means-End Theory “Pathway”

Emotional Level
How the communicator identifies with the audience’s feelings and personal experience to elicit emotional responses aligned with the audience’s core values.

Personal Values
Stable, enduring personal goals
Why I care

Emotional Benefits/Consequences
Emotional or social consequences derived from the issue or functional consequences
How it makes me feel

Rational Level
How the communicator conveys facts and relates them to practical effects on the audience.

Functional Benefits/Consequences
Functional consequences derived from the traits or beliefs about the issue
What I will experience

Attributes
Perceived beliefs about a issue/Desired characteristics of a product

© Harris Interactive
Two Streamlined Positive Pathways from Findings

**Values**
- **Confidence**
  - Personal responsibility
  - At peace
  - Accomplish something important to me

**Emotional/ Psychosocial**
- **In control**
  - More in control
  - Doing everything possible to be prepared
  - Family protection
  - Family and I will be safer
  - I am taking care of my family

- **Survival**
  - Better able to move on/move forward
  - Not be panicked
  - Family and I less likely to be injured

**Functional Consequences**
- **Protect Property (Recover)**
  - Minimize property damage
  - Won’t suffer financial ruin
  - Protect personal items from falling and breaking

- **Ready and able (Survive)**
  - Ready to react appropriately during and after
  - Supplies in event of an outage

**Attributes**
- **Structure**
  - EQ Insurance
  - Secure personal belongings
  - Secure structure
  - Taking steps to learn how to be ready

- **Kits and Checklists**
  - Emergency supplies on hand
  - Have family disaster plan
  - Update contact information
  - Organize emergency supplies
Partnering with TV News Reporters

Sacramento

San Francisco

Los Angeles

San Diego

Partnering among ECA Stakeholders, ECA and ARC

Get peace of mind that no earthquake can shake.

Next month! Members will receive up to a 5% discount on CEA's new earthquake policy. Get peace of mind that a no-quake can not shake your property. Get the best earthquake protection for your home. Get peace of mind that you're covered. Get peace of mind that you're safe.

Get peace of mind that no earthquake can shake.

Your CEA policy will give you the financial strength to help get your life back to normal after the ground stops shaking.

The CEA is always working to help you prepare to survive and recover from California’s next damaging earthquake.

Now to your CEA announcement: Your 2013 policy renewal is as low as $1,500 for earthquake coverage — which is not subject to your deductible. To ensure your property and avoid further damage after an earthquake, CEA’s role is critical. With the American Red Cross, you can take your home back and make it a safer place to be. Stick with your earthquake policy, and get peace of mind that no earthquake can shake your property.
Kate Long
Earthquake & Tsunami Program
kate.long@calema.ca.gov

What to do?  Why you do it?
Awareness to Action: Motivating the Public to Prepare

Tony Foleno
SVP, Research & Evaluation
Four Attributes of Great Campaigns

1. Clear and single-minded (Easy to get right away.)
2. Relevant (It’s for people like me, benefits me.)
3. Tangible (What is it you want me to do?)
4. Contains an emotional component (Don’t assume that simply providing information/rational argument is going to be motivating.)

Key Questions To Ask and Answer

- We all agree on the barriers. Can we align on the core motivators?
  - Reason/facts vs. emotion/values

- Tonality?
  - Inspirational → Urgent → Alarmist

- Call-to-Action?
  - Broad behavior
  - A suite of smaller behaviors
  - One specific behavior

- Audience?
  - Who are the “low hanging fruit”? Demographically? Psychographically?
  - Should we concentrate most or all of our efforts on them?
To create an urgency for preparedness.

We’re so focused on the here and now that we don’t think about the things that could ‘never happen to us.’

The head of every household.

Though people have a hero’s mentality about protecting their families, they seldom act the part when it comes to emergency prep.

Preparedness is something you own (up to).

Make a plan.

Ready.gov is an activator and primary resource for preparedness that can mobilize families, educators and communities.

Provocative, direct.

TODAY IS THE DAY BEFORE.
Slicing the Preparedness Pie: Segmented Markets & Differentiated Outcomes

David Abramson, PhD MPH
National Center for Disaster Preparedness
Columbia University

“Awareness to Action”: A FEMA/ARC Workshop
Washington DC, 28 Jun 2012
1. What does the failure of individual preparedness look like?
➢ Is it running out of gas as you evacuate from a looming hurricane?
➢ Is it running out of food or water in your home during an extended blackout?
➢ Is it forgetting your medications if you sought shelter during a wildfire?
➢ Is it not knowing where you can take your pets, or your disabled grandparents
➢ Is it not knowing WHEN to go, WHERE to go, or whom to TRUST?
Failures of individual preparedness may relate to insufficient SKILLS, STUFF, or SAVVY

Or...they may relate to social inequality, vulnerabilities, marginalization, or disengagement

Either way, the marketing questions are
- WHO do we need to reach?
- To tell them to DO WHAT?
- To accomplish what END?

2. What drives individual preparedness?
Figure 1. Psychosocial Model of Emergency Preparedness, path analysis

3. Should we be thinking “Whole Community” or… Herd Preparedness?

Columbia University National Center for Disaster Preparedness
4. Preparedness market segments:
Lions, Lone Wolves & Lambs

Columbia University National Center for Disaster Preparedness

Which statement best characterizes what you think might happen in a disaster situation …

<table>
<thead>
<tr>
<th>Statement</th>
<th>2007 (%)</th>
<th>2008 (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Others will turn to you to lead the way [LIONS]</td>
<td>22</td>
<td>20</td>
</tr>
<tr>
<td>You will work on your own to protect yourself and your family [LONE WOLVES]</td>
<td>56</td>
<td>57</td>
</tr>
<tr>
<td>You will turn to someone else for leadership [LAMBS]</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>You will wait for help to arrive [LAMBS]</td>
<td>12</td>
<td>13</td>
</tr>
</tbody>
</table>
Differentiated objectives

- **Give Lions more tools**
  - Integrate in to formal & informal response structures
  - Enhance situational awareness
- **Support Lone Wolves**
  - Increase knowledge base of resources & skills
- **Enhance self-efficacy of Lambs**
  - Increase training opportunities such as CPR & 1st Aid
  - Address problems of social disengagement, or of underlying vulnerabilities

Vulnerable + At-Risk Groups

- Groups with mobility (homebound) or transportation access issues are sensitive to messages that imply an allocation of a scarce resource: Last in Line Syndrome
- Groups with stigma or disclosure issues are sensitive to messages that imply eligibility criteria or patient identification requirements
- Households are as prepared or as resilient as their weakest / most vulnerable member
- Teens can function as critical fulcrums for families (translation, access to new technologies and information sources)
- With exception of teens, internet use and texting was very limited among these at-risk groups
- Unanticipated peer influence led to enhanced preparedness – suggests a role for community-based tabletops as preparedness intervention
Two examples

- A “classic” Hearts & Minds social marketing ad (Consider for addressing the problem, “Does preparedness matter?”)
- A targeted ad (Consider for its appeal to a very specific demographic)
- Both use...
  - Appeal to social/cultural values
  - Archetypes as heroes
  - Implicit behavioral cues