



APPENDIX C STAKEHOLDER ENGAGEMENT

- C-1 Inclusive Outreach & Public Engagement Plan
- C-2 Public Comment Period 1
- C-3 Public Comment Period 2
- C-4 Community Survey Results



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C-1 Inclusive Outreach & Public Engagement Plan



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City of Seattle

Hazard Mitigation Plan Update



Inclusive Outreach & Public Engagement Plan

March 2014

Prepared by:



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Executive Summary

The Inclusive Outreach and Public Engagement Plan has been developed for the Seattle Hazard Mitigation Plan update process to meet the requirements of Scope of Work Activity 3.1. The City of Seattle Office of Emergency Management (OEM), with grant funding from the Federal Emergency Management Agency (FEMA), is conducting a comprehensive update and revision of its Hazard Mitigation Plan (HMP). The purpose of the HMP, [last updated in 2009 \(PDF\)](#), is to strategically guide actions and investments in such a way as to reduce the impacts of natural and human-caused hazards on human life and property.

The Inclusive Outreach and Public Engagement (IOPE) Plan provides a detailed approach to how the project team will engage the public and key stakeholders in the Seattle HMP update process. Project communications will follow the City's Inclusive Outreach and Public Engagement Guide in striving for multiculturalism, with equal access and respect for all groups and creating conditions for understanding. Furthermore, this plan meets the requirements of 44 Code of Federal Regulations (CFR) §201.6 and Emergency Management Accreditation Program (EMAP) Standard 4.4.

Stakeholder involvement will assure that communities impacted by hazards are engaged in the planning process, and comprehensive strategies to mitigate these hazards are considered. To that end, the following topics are discussed in this document:

- Scope and purpose;
- Public engagement objectives;
- Outreach and public engagement strategies, including key messages, audiences and stakeholders, planning considerations, and activities;
- Outreach and public engagement materials;
- Project team; and
- Outreach and timeline

For all tasks Ecology and Environment Inc. (E & E) will be the prime contractor to the City of Seattle. E & E will provide technical and fiscal management for hazard mitigation plan consulting services. Stakeholder outreach and engagement services will be provided by EnviroIssues (subcontractor to E & E).

The Seattle HMP update process is anticipated to occur over a 12-month to 18-month period, with all work to be complete no later than June 30, 2015. Outreach and public involvement activities will be linked to appropriate project milestones, and will fluctuate according to Seattle and E & E agreed-upon delivery dates determined during project management coordination.

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Project Inclusive Outreach & Public Engagement Plan

1 Introduction

This Inclusive Outreach and Public Engagement (IOPE) Plan will help guide the Seattle Office of Emergency Management (OEM) project team in implementing a comprehensive stakeholder engagement process related to the Seattle Hazard Mitigation Plan update. This IOPE Plan will be used to guide the project team's work, and will be informed by Mitigation Work Group members. At times, an outline of planned outreach methods may be shared with community stakeholders to gather input that might refine the approach. The IOPE Plan is designed to be consistent with the Project Work Plan and Internal Communications Plan.

This IOPE Plan should be considered a "working document" and will be updated throughout the life of the project as new stakeholders are identified, public outreach methods are refined, and project milestones are reached. Separate coordination plans may be needed to guide the outreach to key groups or institutions that will require ongoing coordination throughout the update process.

2 Project Scope and Purpose

The City of Seattle OEM, with grant funding from the Federal Emergency Management Agency (FEMA), is conducting a comprehensive update and revision of its Hazard Mitigation Plan (HMP). The purpose of the HMP, [last updated in 2009 \(PDF\)](#), is to strategically guide actions and investments in such a way as to reduce the impacts of natural and human-caused hazards on human life and property.

The plan covers the jurisdiction of the City of Seattle and its departments, with the intent of benefitting all residents, businesses, and government and non-governmental partners. The geographical area covered includes all the area within the city limits, as well as city department services and assets outside the city, such as the municipal watersheds and dams.

Priority elements during this update process include:

- Creating public dialogue around protecting the people of Seattle and building the city's resilience in the face of both minor and catastrophic disaster risks.
- Implementing a public engagement strategy related to hazard mitigation that:
 - Identifies community values.
 - Allows participation and input from a broad range of City departments, local and regional agencies involved in hazard mitigation planning, businesses, residents, and community stakeholder groups.
 - Provides opportunities for the public to comment on the plan during both the drafting stage and prior to final plan approval.
 - Generates public acceptance and support for the resulting plan update.
 - Meets City's IOPE requirements.
- Developing an updated HMP that reflects the public and stakeholder input received.
- Ensuring the process is conducted in accordance with FEMA's Local Multi-Hazard Planning Guidance (requirements identified in [Title 44 Code of Federal Regulations \(CFR\) Part 201.6](#)) and Emergency Management Accreditation Program (EMAP) Standard 4.4.

3 Public Engagement Objectives

The following objectives have been identified for public involvement as described in the City of Seattle's IOPE Guide and within Appendix A:

- Use public input to help define problems or solutions, and test out ideas.
- Involve the public in the complexity of an issue and help identify and understand the risks.
- Find the most effective and cost-efficient solutions to problems.
- Build relationships with specific racial/ethnic communities.
- Strengthen relationships between constituencies.

The project's public involvement strategy is designed to accomplish the following objectives:

- Raise the public's awareness so that they understand that the HMP update is happening and are prepared to provide input at appropriate times in the process.
- Provide the opportunity for all affected communities (which, in this case, applies to all who live, work and play in Seattle) to participate in strategy development and plan updates to promote a sense of community ownership.
- Ensure an open and transparent public involvement process that is culturally sensitive, where participants know how to access project information and provide input, are aware of how their input has been considered as part of project decisions, and are satisfied with the results whether or not their personal interests were met.
- Create a project record of public input, responses and outreach activities.

The success of the above objectives and outcomes can be measured, at least in part, in the following ways:

- Attendance at public meetings.
- Diversity of participants as measured by the City of Seattle inclusive sign-in sheet.
- The number of comments submitted via email, mail, comment form, survey or other method.
- Satisfaction expressed regarding available information and opportunities for input as OEM completes the HMP update.

4 Outreach and Public Engagement Strategy

Developing a Hazard Mitigation Plan requires participation and input from a range of City departments and partners in the planning process. To that end, OEM will implement a transparent approach to providing clear and accurate information through written materials and

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graphics that allow the public to easily engage in the process, receive information, and have their voices heard. In order to ensure project outreach includes the appropriate level of community involvement, the outreach team used the City's IOPE Guide to develop this strategy.

The project team will be deliberate in reaching out to cultural groups and creating inclusive and comprehensive outreach strategies that foster understanding, respect and interaction between people of different cultures and backgrounds. The key elements of this public involvement strategy include direct contact with community members and stakeholder groups to engage them in the HMP update process. The activities and materials outlined in the following sections will be used together to ensure that the public is aware of the project, and understands the need for updating the plan. The following sections of the IOPE Plan provide additional details for each proposed outreach activity and outreach materials.

The communications strategy for this project will meet the six essential strategies for public engagement in the following ways:

- **Build relationships with target populations:** Due to the large scope of the project, which includes the entire City of Seattle, the project team will implement an outreach strategy that generates awareness for the project and builds relationships with target populations during the HMP update process.
- **Create a welcoming atmosphere:** Project events, including two public meetings and a final close-out workshop, will be held at community gathering locations, and outreach methods will be tailored to reflect the community to help ensure people feel welcome and included.
- **Increase accessibility:** Key project materials will include a note that reasonable accommodations, including interpretation services at public meetings, may be made available upon request.
- **Develop alternative methods for engagement:** The project team will ensure there are multiple ways to engage in the project through in-person meetings, online activities, and multiple formats for comments and participation.
- **Maintain a presence within the community:** Outreach for the project will begin early in the HMP update process and will be ongoing throughout the plan's development. However, during certain periods of time, such as when the technical team is updating the plan after the first public meeting and comment period, the project team will have less of a public presence.
- **Partner with diverse organizations and agencies:** OEM will use current Census data in order to identify diverse communities within the city limits and seek to create partnerships with existing organizations that can invite and encourage their constituents to participate.

4.1 Key Messages

It is critical that key messages communicated about the project remain consistent. Key messaging will minimize the risk of presenting inconsistent information to the community and help keep the project moving forward efficiently, on schedule.

Current key messages include:

- The City of Seattle Office of Emergency Management is conducting a comprehensive update and revision of its Seattle Hazard Mitigation Plan.
- Updates to the plan, last completed in 2009, are required every five years. Keeping the HMP current is a good emergency management practice for the people of Seattle, and allows the City to maintain its eligibility for state and federal mitigation funds that support City mitigation activities, such as:
 - Seismic risk assessments.
 - Seismic retrofit projects.
 - Urban flooding hazard identification efforts.
 - Public education efforts surrounding risks of unreinforced masonry buildings.
- The purpose of this HMP update is to strategically guide actions and investments to reduce the impacts of natural and human-caused hazards on human life and property.
- This plan is different from a parallel OEM effort related to disaster recovery planning. While the disaster recovery plan is about building resiliency and preparing to manage near- and long-term recovery and redevelopment after a disaster, this hazard mitigation plan is focused on reducing hazard exposure risk before the hazardous event occurs.
- The geographical area covered by the plan includes all areas within City of Seattle limits, as well as City department services and assets outside the city, such as the municipal watersheds and dams.
- This plan benefits all residents, businesses, government and non-governmental partners within the city limits.
- OEM aims to conduct the process in a way that:
 - Identifies community values.
 - Allows participation and input from a broad range of City departments, local and regional agencies involved in hazard mitigation planning, businesses, residents and community stakeholder groups.
 - Provides equal opportunities for the public to comment on the plan during both the drafting stage and prior to final plan approval.
- FEMA is funding this process, and the plan will meet FEMA's Local Multi-Hazard Planning Guidance requirements.

4.2 Key Audiences and Stakeholders

Key audiences have been identified to participate in the HMP update process and to receive information regularly from the project team. Depending on how these audiences choose to participate in the plan update, they could receive project updates at the Mitigation Work Group meetings; public stakeholder meetings and/or the close-out workshop; via email and website updates; and/or through the various outreach tools outlined in this plan.

OEM recognizes that a layered outreach approach for each key audience is necessary to ensure that the sub-groups within these key institutions, agencies or groups (e.g., department

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heads, employees, visitors, etc.) are well informed. Key audiences are identified generally below. Appendix B contains contact information for each key audience or stakeholder.

Table 1 Key Audiences and Stakeholders	
Type	Organizations
City of Seattle departments and offices	City Budget Office, Neighborhoods, Planning and Development, Parks and Recreation, Finance and Administrative Services, Economic Development, Transportation, Information Technology, Emergency Management, Sustainability and Environment
Neighboring communities	Hazard planning leads from neighboring jurisdictions , including Bainbridge Island, Bellevue, Bremerton, Burien, Lake Forest Park, Mercer Island, Renton, Shoreline, Tukwila, Kitsap County, King County and Washington State
Emergency service providers	Seattle Fire Department, Seattle Police Department, American Red Cross, American Medical Response, Seattle-area hospitals (e.g., Harborview Hospital, Swedish Medical Center), King County Crisis Clinic, King County Emergency Management Advisory Committee (EMAC) / Region 6 Homeland Security Council, Puget Sound Blood Center, Northwest Healthcare Response Network
Transportation and transit agencies	WSDOT, King County Metro, Sound Transit, Community Transit, Port of Seattle
Utilities	Seattle Public Utilities, Seattle City Light, Puget Sound Energy, CleanScapes
Elected officials and local jurisdictions	Seattle City Council, Mayor's Office, King County Council, State and Federal legislative officials
Neighborhood and community organizations	City of Seattle Neighborhood Councils and District Councils, Seattle CERT, Seattle Children's Hospital Emergency Response Team, AIA Seattle Disaster Preparedness & Response (DP&R), Seattle Neighborhoods Actively Prepare (SNAP)
Non-profit organizations / vulnerable populations	United Way of King County, community and faith-based organizations
School districts and higher education institutions	Seattle Public Schools, University of Washington, Seattle University, Seattle Pacific University, various community colleges
Businesses and employers	Seattle Metropolitan Chamber of Commerce, Washington Roundtable, Downtown Seattle Association, Metropolitan Improvement District, Commute Seattle, Seattle Center, BECU, and other neighborhood economic organizations as appropriate

Table 1 Key Audiences and Stakeholders

Type	Organizations
Complimentary / parallel processes	Seattle Disaster Recovery Planning effort, King County Regional Hazard Mitigation Plan (RHMP) process and public workshops, King County long-term recovery planning effort (“Resilient King County” initiative), OEM Emergency Support Function (ESF) #6
Tribal nations	City of Seattle Office of Intergovernmental Relations (OIR), Muckleshoot Indian Tribe, Suquamish Tribe, Snoqualmie Tribe
Cultural institutions	Seattle Art Museum, Seattle Public Libraries, Seattle Historical Districts
State and Federal Regulatory agencies	Washington State Department of Ecology, FEMA Region 10
Public health	Seattle-King County Public Health Department, City of Seattle Human Services Department
Communications and media	Regional Public Information Network, local media outlets (Appendix C)
Weather and geological information	NOAA, USGS, Pacific Northwest Seismograph Network Stakeholder coordination

4.3 Key Planning Considerations

Every public outreach process is unique and presents a variety of opportunities and challenges for the planning team. The following key planning considerations have been identified as potentially impacting this project and the planning team, along with strategies to address issues as they arise.

4.3.1 Public Perspective and Influence

Key stakeholder groups and individual community members will have unique perspectives on the hazards they face, and opinions about how best to prioritize mitigation strategies. To maximize the effectiveness of public engagement activities and the resulting public input, the project team will inform and consult with the public in the decision-making process to the extent possible throughout the HMP update process. This will include framing the project’s purpose and benefits so that the public fully understands the need for updating the plan and the complexity of the process, as well as any known constraints and risks. The project team will be clear about how public input can and/or cannot influence plan outcomes.

4.3.2 Prioritizing Outreach with Limited Resources

The Seattle HMP could potentially benefit anyone within Seattle’s borders at the time of a hazardous event. While all members of the public will be encouraged to participate and provide project input, limited resources must be prioritized to maximize outreach effectiveness across a broad spectrum of stakeholders. To maximize the project’s reach, the project team will leverage partners’ contact lists and communication platforms, ask the Mitigation Work Group (see 4.4.1) to help prioritize outreach efforts, and – to the extent possible – piggy-back on other related

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outreach efforts that target appropriate stakeholders. For example, the project team has obtained Seattle OEM’s email distribution list of stakeholders associated with Emergency Support Function (ESF) #6, related to the provision of mass care, emergency assistance, housing, and human services (see Appendix B). Additional outreach opportunities may be identified based on coordination with project teams conducting related efforts, and through conversations with Mitigation Work Group members.

4.3.3 Racial / Cultural Impacts and Demographics

The Seattle HMP is intended to mitigate (i.e., reduce exposure to) hazards for all residents of Seattle, and non-residents within the city’s borders at the time a hazardous event occurs. The Seattle HMP update process will not create disproportionate impacts on a particular population or geographic area. However, access to the planning and decision-making process must ensure that diverse voices are heard and that priorities and strategies emerge that reflect multi-cultural perspectives and are racially equitable.

The Seattle Department of Planning and Development provides an excellent overview of racial and ethnic data that characterizes the city.¹ As a whole, 33.7 percent of Seattle’s population are persons of color, and 21.3 percent of the population speaks a language other than English at home. When reviewing census tract maps (2006-2010, the most recent census data available), the highest percentages in both categories can be found in the southeastern part of the city, and to a lesser extent in northern Seattle. See Appendix D for additional information.

Race	Percentage of the Population
White	69.5%
Black or African American	7.9%
American Indian & Alaska Native	0.8%
Asian	13.8%
Native Hawaiian & Other Pacific Islander	0.4%
Other race	2.4%
Two or more races	5.1%
Hispanic or Latino ethnicity (of any race)	6.6%

The most common languages other than English spoken in Seattle are Spanish, Chinese, Vietnamese, African Languages, Tagalog, and Korean.² The project team plans to therefore offer interpretation services at public meetings as requested to ensure access to the process for those with limited English proficiency (either arranged in advance if the project team has enough notice, or through a telephone translation service available at the event).

To promote access to this planning process, the project team has selected a location for the first public meeting in South Seattle, in a census tract where the percentage of persons of color and homes where non-English languages are spoken are among the highest in the city. The Rainier

¹ Data presented in this section was downloaded from the following website on January 30, 2014: www.seattle.gov/dpd/cityplanning/populationdemographics/aboutseattle/raceethnicity/default.htm

² <http://www.seattle.gov/dpd/cityplanning/populationdemographics/aboutseattle/raceethnicity/default.htm>

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Community Center is, according to its website, the second largest in the State of Washington, and is also near bus and light rail lines to afford greater access for those who are transit-dependent.

Please see Appendix D for maps that convey the following information:

- 2010 City of Seattle census profile
- City of Seattle percentage of the population who are persons of color by census tract
- City of Seattle percentage of the population who are non-white by census tract
- City of Seattle percentage of the population speaking a language other than English at home by census tract (2006-2010)

4.3.4 Coordination with Similar OEM and Regional Planning Processes

Several public processes related to hazard mitigation, disaster preparedness, and disaster recovery are occurring within Seattle and King County, concurrent with this project. Similar subject matter, shared stakeholders, and parallel processes may lead to public confusion about how each project is distinct. Examples of related or similar processes include:

- Seattle OEM's Disaster Recovery Planning process, which has a similar schedule, subject matter, process, and (at times) stakeholders.
- Seattle OEM's effort to update the comprehensive emergency management plan.
- King County Regional Hazard Mitigation Plan (RHMP) update process, which is occurring on a similar timeline in partnership with cities and special purpose districts throughout the county.
- "Resilient King County" initiative, a county-wide, two-year planning process for crafting a comprehensive long-term recovery strategy following a major earthquake or other catastrophe.

Separating these processes through clear key messaging and branded materials will be important to avoid confusion. The Seattle HMP project team has already begun to coordinate with OEM staff involved with other related processes, and has contacted King County staff engaged in their HMP update effort. Work is underway to update Seattle OEM's website to help clarify the differences between these efforts, and a one-page summary overview will also be prepared.

4.4 Inclusive Outreach and Public Engagement Activities

The following outreach activities will be used to engage the public in the Seattle HMP update process:

4.4.1 Mitigation Work Group

At the start of the project, OEM will establish a Mitigation Work Group made up of City representatives and key stakeholders. Members of the Mitigation Work Group will bring

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personal expertise to the table and work collaboratively with the project team to ensure the best updated plan possible. Mitigation Work Group members will serve as project liaisons to community groups and interests they represent, and were asked to review and comment on the IOPE Plan at their first meeting in February 2014. The group will meet five times at various points throughout the HMP update process, and are encouraged to provide guidance and support to public outreach and community engagement activities as appropriate.

4.4.2 Public stakeholder meetings

The HMP update process will also provide opportunities for the public and key stakeholders to provide input during development of the plan. Two public meetings will be organized at key milestones during the plan's development – the first to collect initial feedback following kickoff of the project, and the second to seek feedback on the draft Seattle HMP update. Notification for the events will be:

- Emailed to a project email list using an invitation management system (EnviroLytical)
- Emailed to specified City-wide listservs
- Posted on the City's and OEM's websites
- Posted on the City's community events calendar
- Advertised through additional materials (see section 4.5 for details)

EnviroIssues will facilitate public meetings in order to encourage two-way flow of information between the public and the City. As noted in section 4.3.3, the first public meeting will be held in South Seattle, where racial and cultural diversity are higher than the City's average. The project team will evaluate the results of the first open house to determine a fair and equitable location for the second open house and close-out workshop (see section 4.4.3). The project team will ensure that major public outreach activities will avoid holidays that might otherwise reduce participation (see Appendix E).

4.4.3 Project close-out workshop

A public workshop session will be held after the Hazard Mitigation Plan has been reviewed by FEMA, finalized, and adopted (as early as late 2014). The goal of the workshop is to provide an overview of the HMP process and risk assessment, seismic risk assessment methodology, recognize participants in the process, and introduce the adopted version of the plan.

4.4.4 Traditional and social media

Local online media will be used to communicate information about the HMP process and public events to the general public. OEM will send media contacts project announcements and updates as appropriate, and EnviroIssues will track requests made by the media. Interviews with the OEM Project Lead or OEM Media Lead will be organized as necessary. A press release will be drafted by E & E and sent to OEM to distribute at the outset of each public comment period via typical media outlets (see Appendix C for full list), which may include:

- Seattle Times

- Seattle PI
- Daily Journal of Commerce
- Major TV outlets: KOMO, KING, KIRO

The project team will also use more informal social media outlets and blogs to communicate and interact with the public in ways that do not require a change in habit or behavior. The team will use already established social media outlets hosted by the City of Seattle, other local agencies, and community groups to deliver project updates and other important news. Social media outlets and blogs (see Appendix C for full list) may include:

- City of Seattle's Facebook and Twitter accounts
- Seattle Neighborhood and District Council listservs
- *This Week in the Mayor's Office* – the Mayor's weekly e-newsletter

4.4.5 Ethnic media

In addition to traditional and social media, the team will share project news releases with the Seattle Office of Immigrant and Refugee Affairs, which sends a consolidated email of City announcements to approximately 80 ethnic media outlets each Friday.³ This outreach activity will help to more broadly advertise public meetings, comment periods, and the close-out workshop. See Appendix C for a list of ethnic media outlets.

4.4.6 Drop-in sessions at diverse community gathering places

In an effort to connect with diverse stakeholders, and solicit feedback from community members who may not attend the public meeting, the project team will arrange drop-in sessions at several community service centers. Where translation is needed, the hosting venue will be asked to support the project team member by providing informal interpretation. The survey developed to collect public feedback will serve as a discussion outline, and feedback will be documented by the project team. Venues being considered by the project team include (but are not limited to):

- **Atlantic Street Center:** Provides diverse support services to people in need.
- **Neighborhood Housing:** Helps diverse communities of people with limited resources attain their goals for self-sufficiency, financial independence, health, and community building.
- **Asian Counseling and Referral:** Offers a multicultural and multilingual approach to social and behavioral services.
- **Refugee Women's Alliance:** Multi-ethnic organization supporting refugee and immigrant women and their families.

³ www.seattle.gov/office-of-immigrant-and-refugee-affairs/ethnic-media-availability

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- **El Centro de la Raza:** Community-based Chicano/Latino Civil Rights organization that seeks to help people of all colors to empower themselves and encourage basic social change.
- **Horn of Africa:** Multi-lingual, multicultural nonprofit organization offering individual and family counseling and referral services.
- **Filipino Community of Seattle:** Promotes cultural diversity, ethnic pride, unity and educational and socio-economic empowerment among Filipino Americans in the Pacific Northwest.

4.4.7 Use of interpreters

For each outreach activity, the project team will offer and may secure interpreters upon request. EnviroIssues will track the use and implementation of interpretation services for the project. Any time interpretation services are requested, the information will be tracked in the project database and will be reported to OEM through monthly progress reports. At the end of the project, EnviroIssues will provide OEM with a full report of all interpretation tracking documentation for project record keeping.

4.4.8 Web-based comment solicitation and tracking

EnviroIssues will use existing proprietary software (EnviroLytical) to track dialogue about the process, comments received on the plan, and on-line survey results. This web-based data management system includes project contacts, comments, correspondence, activities and other supplemental information as requested. At key milestones, public comments will be solicited via the City's website. During the first public comment period (March 25 – April 23), an on-line survey will be used to collect feedback. Feedback received electronically will be linked directly to EnviroLytical to ensure feedback received can always be accessed and analyzed by the project team in real-time.

EnviroLytical will track all types of public input, including emails, written comment forms and correspondence, on-line comment forms and surveys, and phone calls. The database will also identify the project team lead responsible for comment responses (if appropriate), or any other related action items resulting from the comment received.

4.5 Outreach and Public Engagement Materials

The following materials will be developed to keep the public informed throughout the HMP update process to ensure that a wide range of stakeholders (the public, neighboring communities, interested agencies, private organizations, etc.) are informed about opportunities to comment on the plan at key milestones. Project materials will follow the City's IOPE Guide in striving for multiculturalism, with equal access and respect for all groups and creating conditions for understanding. Materials will include:

- **News releases.** The project team will develop two news releases for submittal to local media outlets. The first will introduce the project and note opportunities for public involvement. The second will be issued upon completion of the draft plan to solicit comments on the planning document.

- **Website updates.** The project team will post updates regarding the HMP update process to the City's website and will draft website text soliciting comment on the draft documents.
- **Newsletters.** The team will draft a one-page newsletter (flyer) introducing the project and advertising public engagement opportunities associated with the first comment period. As appropriate, the project team will draft language about project status for inclusion in City newsletters.
- **On-line survey.** For the first public comment period an on-line survey will be used to (1) provide a framework for feedback that is most useful to the project team, and (2) provide an easy and accessible way for many to provide feedback without requiring attendance at a public meeting.
- **Inclusion sign-in sheets.** Inclusion sign-in sheets and / or cards will be used at all public meetings and events. The outreach team will determine which format works best and will be diligent in using this tool to better understand who outreach efforts are reaching and to continue to tailor activities to meet the needs of the community.

4.6 Measuring Outcomes

OEM, E & E, and EnviroIssues will work together to create ways to measure and track feedback related to outreach efforts during the HMP update process. Tools to collect feedback and measure progress could include the following for each objective:

- Raise the public's awareness so that they understand the Seattle HMP update process is happening and people are prepared to provide input at appropriate times in the process.
 - Publish announcements / news articles through Seattle's ethnic media listserv (see section 4.4.5), and through traditional media through print and radio/TV services.
 - Post announcements of public meetings and opportunities for public comment and input online on OEM's website, seattle.gov, and on the City's calendar of events.
 - Share posters and flyers with Seattle Public Library branches.
- Provide the opportunity for all affected communities to participate in strategy development and plan updates to promote a sense of ownership in the resulting HMP.
 - Notify organizations representing faith based organizations, vulnerable populations, neighborhood economic organizations, and ethnic communities, and ask community leaders to participate or send representation to identify hazard mitigation measures or opportunities that could reduce the impacts to their community from earthquakes, landslides, winter storms, etc.
 - Staff drop-in sessions at approximately five diverse community centers.
- Ensure an open and transparent public involvement process that is culturally sensitive, where participants know how to access project information and provide input, are aware

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of how their input has been considered as part of project decisions, and are satisfied with the results whether or not their personal interests were met.

- Post notices advertising public meetings, draft plan availability, and public comment opportunities on OEM's website, seattle.gov, and ethnic media outlets.
- Staff drop-in sessions at approximately five diverse community centers.
- Provide interpretation services upon request.
- Create a project record of public input, responses, and outreach activities.
 - Use of the City of Seattle's inclusive sign-in sheets at outreach events to track the diversity of participants
 - To the extent possible, map the locations where comments about the plan update were received, and / or map the home or business address of those who comment on-line, with the goal of achieving a broad distribution across the City.
 - Track all public input received in EnviroLytical.

5 Project Team

To ensure that project communications are consistent and efficient, each team member will have specific responsibilities. This section will be updated to include project responsibilities, based on future discussions between OEM, E & E and EnviroIssues.

Table 3 Seattle HMP Update Project Team Responsibilities

Organization	Representative	Responsibilities
City of Seattle OEM	Donna Voss, Project Lead	<ul style="list-style-type: none"> ▪ Provide input on meeting format, logistics, agenda, materials, invitations ▪ Review meeting materials including summaries, agendas, invitations ▪ Confirm venue location and refreshments ▪ Respond to stakeholder requests as required ▪ Attend and present at public stakeholder meetings, the close-out workshop, and other outreach events ▪ Submit public information materials to local media ▪ Post public meeting and close-out workshop notices on City's website and pursue other forms of public notification ▪ Provide space on the City's website to post draft HMP update documents for public review ▪ Print meeting materials
	Erika Lund, Project Lead	
	TJ McDonald, SHIVA and Risk Assessment Expert	
	Barb Graff, Media Lead	
	Laurel Nelson, Media Support	
Ecology & Environment Inc.	Natalie Seitz, Project Manager	<ul style="list-style-type: none"> ▪ Prepare meeting agendas, presentations and materials ▪ Coordinate project team review of materials ▪ Provide input on meeting format, materials and logistics ▪ Attend and present at stakeholder meetings ▪ Manage online project portal ▪ Respond to requests for technical assistance ▪ Prepare two (2) news releases ▪ Prepare messages regarding planning process for inclusion in City newsletters and other notifications ▪ Document outreach materials, comments received, and participation in Seattle HMP appendix
	Matthew Lieuallen, Quality Manager	
	Bill Richards, Contract Manager	
	Dennis Lawlor, Mitigation Subject Matter Expert	

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Table 3 Seattle HMP Update Project Team Responsibilities		
Organization	Representative	Responsibilities
EnviroIssues	<p>Sarah Brandt, Public Outreach and Engagement Project Manager</p> <p>Chelsey Funis, Public Outreach and Engagement Support</p>	<ul style="list-style-type: none"> ▪ Prepare stakeholder engagement plan (IOPE Plan) ▪ Draft and prepare stakeholder emails and invitations ▪ Manage RSVP list ▪ Manage meeting logistics ▪ Facilitate and support public meetings and close-out workshop ▪ Prepare meeting summaries ▪ Help track requests for information and technical assistance ▪ Prepare feedback summaries ▪ Prepare and maintain master stakeholder list ▪ Host and manage EnviroLytical

Contact information for the project management team is provided below.

Table 4 Project Management Team Contact Information		
City of Seattle	E & E	EnviroIssues
<p>Donna Voss, Project Lead Erika Lund, Project Lead</p> <p>Seattle Office of Emergency Management 105 5th Avenue South Suite 300 Seattle, WA 98104</p> <p>(206) 233-5089 Donna.Voss@seattle.gov Erika.Lund@seattle.gov</p>	<p>Natalie Seitz, Project Manager</p> <p>720 Third Avenue Suite 1700 Seattle, WA 98104</p> <p>(206) 624-9537 x3651 nseitz@ene.com</p>	<p>Sarah Brandt, Project Manager</p> <p>101 Stewart Street Suite 1200 Seattle, WA 98101</p> <p>(206) 269-5041 (office) (206) 300-4044 (mobile) sbrandt@enviroissues.com</p>

6 Outreach Timeline

The table below provides estimated public outreach dates and milestones related to the HMP update process.

Table 5 Stakeholder and Public Outreach Activities Schedule		
Outreach Event	Timing*	Objectives
Mitigation Work Group Meeting #1	February 24, 2014	Present IOPE Plan for member comments and guidance to maximize effectiveness
Public Comment Period	March 25 – April 23, 2014	Solicit feedback on draft development
Public Meeting #1	April 8, 2014	Provide an overview of mitigation planning process, solicit feedback on draft development
Mitigation Work Group Meeting #2	April 28, 2014	Present results of first open house and comment period to inform work
Mitigation Work Group Meeting #3	June 23, 2014	Provide update on public and stakeholder engagement, look ahead to fall open house and comment period
Public Comment Period	September – October 2014 (30-day period TBD)	Solicit public comments on pre-approval draft Seattle HMP
Public Meeting #2	October 2014	Pre-approval review of final draft Seattle HMP
Mitigation Work Group Meeting #4	November 2014	Present results of second open house and comment period
Close-Out Workshop	December 2014	Provide project summary and present final deliverables

*Timing of events subject to change

Appendix A – Racial Equity Toolkit Assessment Worksheet

Title of policy, initiative, program, budget issue: Seattle Hazard Mitigation Plan Update

Description: The City of Seattle Office of Emergency Management (OEM), with grant funding from the Federal Emergency Management Agency (FEMA), is conducting a comprehensive update and revision of its Hazard Mitigation Plan (HMP). The purpose of the HMP, [last updated in 2009 \(PDF\)](#), is to strategically guide actions and investments in such a way as to reduce the impacts of natural and human-caused hazards on human life and property.

Department: Seattle Office of Emergency Management

Contact: Donna Voss, Erica Lund

- Policy**
- Initiative
- Program
- Budget Issue

STEP 1. SET OUTCOMES.

1a. What does your department define as the most important racially equitable community outcomes related to the issue? *(Response should be completed by department leadership in consultation with RSJI Executive Sponsor, Change Team Leads and Change Team. Resources on p.4)*

- Raise the public's awareness so they understand the HMP update is happening and they are prepared to provide input at appropriate times in the process.
- Provide the opportunity for all affected communities (which, in this case, applies to all who live, work and play in Seattle) to participate in strategy development and plan updates to promote a sense of community ownership.
- Ensure an open and transparent public involvement process that is culturally sensitive, where participants know how to access project information and provide input, are aware of how their input has been considered as part of project decisions, and are satisfied with the results whether or not their personal interests were met.
- Create a project record of public input, responses and outreach activities.

1b. Which racial equity opportunity area(s) will the issue primarily impact?

- Education
- Community development:** *Prioritized strategies may lead to improved funding or opportunities to make infrastructure improvements to facilities most at risk*
- Health:** *Mitigating hazard exposure should result in health benefits for those whose risk is reduced.*
- Environment
- Criminal justice
- Jobs

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- Housing

1c. Are there impacts on:

- Contracting equity
- Workforce equity
- Immigrant and refugee access to services
- Inclusive outreach and public engagement

Please describe: Developing and implementing an inclusive outreach and engagement effort will ensure that prioritized mitigation strategies reflect multi-cultural perspectives in a racially equitable way.

STEP 2. INVOLVE STAKEHOLDERS. ANALYZE DATA.

2a. Are there impacts on geographic areas?

- Yes
- No

Geographic areas:

- All Seattle neighborhoods**
- Ballard
- North
- NE
- Central
- Lake Union
- Eastlake
- Southwest
- Southeast
- Delridge
- Greater Duwamish
- East District
- King County (outside Seattle):** *Hazard mitigation planning requires coordination with bordering jurisdictions and King County, who is updating a similar plan for unincorporated areas.*
- Outside King County

2b. What are the racial demographics of those living in the area or impacted by the issue?

See Appendix D.

2c. How have you involved community members and stakeholders? *(See p.5 for questions to ask community/staff at this point in the process to ensure their concerns and expertise are part of analysis.)*

Outreach has not yet begun, but the project team has identified Mitigation Work Group members, whose communication platforms with constituencies will be used to facilitate targeted outreach. Coordination with those conducting separate public and stakeholder engagement processes related to hazard mitigation and disaster recovery planning have

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been contacted (see section 4.3.4). Seattle's Tribal Liaison has also been contacted to determine appropriate methods for engagement.

2d. What does data and your conversations with stakeholders tell you about existing racial inequities that influence people's lives and should be taken into consideration?

(See Data Resources on p.6. King County Opportunity Maps are good resource for information based on geography, race, and income.)

Does not apply.

2e. What are the root causes or factors creating these racial inequities? Examples: Bias in process; Lack of access or barriers; Lack of racially inclusive engagement

Does not apply.

STEP 3. DETERMINE BENEFIT AND/OR BURDEN.

Given what you have learned from data and from stakeholder involvement...

3. How will the policy, initiative, program, or budget issue increase or decrease racial equity? What are potential unintended consequences? What benefits may result? Are the impacts aligned with your department's community outcomes that were defined in Step 1?

The outcomes resulting from the HMP update process should increase racial equity, given that hazards tend to occur and affect areas where greater socioeconomic disparities exist. Strategies emerging from this process are intended to mitigate risks at locations and facilities most vulnerable to hazards, which the project team anticipates will benefit persons of color at a level equal to or greater than the general population.

The success of the above objectives (referenced in Step 1) can be measured, at least in part, in the following ways (see section 4.6 of the project IOPE for a more complete list):

- Attendance at public meetings and the close-out workshop.
- The number of comments submitted via email, mail, survey, comment form or other method.
- Satisfaction expressed regarding available information and opportunities for input as OEM and the project team complete the Seattle HMP update.
- Use of the City of Seattle's inclusive sign-in sheets at outreach events to track the diversity of participants

STEP 4. ADVANCE OPPORTUNITY OR MINIMIZE HARM.

4. How will you address the impacts (including unintended consequences) on racial equity? What strategies address immediate impacts? What strategies address root causes of inequity listed in Q.6? How will you partner with stakeholders for long-term positive change? If impacts are not aligned with desired community outcomes, how will you re-align your work?

Program strategies

- Implement racially-inclusive outreach throughout the process to update the Seattle HMP.

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- Locate public meetings in racially diverse census tracts with the aim of soliciting comments from multiple cultural perspectives.
- Hold drop-in sessions at culturally and socioeconomically diverse community service centers to solicit feedback.

Policy strategies

- Ensure Mitigation Work Group members consider racial equity when setting priorities in the draft and final plan.

Partnership strategies

- Partner with Mitigation Work Group members and other known stakeholders working in hazard mitigation and disaster preparedness arena to share meeting notifications and encourage constituencies to participate in the process.

STEP 5. EVALUATE. RAISE RACIAL AWARENESS. BE ACCOUNTABLE.

5a. How will you evaluate and be accountable? How will you evaluate and report impacts on racial equity over time? What is your goal and timeline for eliminating racial inequity? How will you retain stakeholder participation and ensure internal and public accountability? How will you raise awareness about racial inequity related to this issue?

At each major project milestone (plan initiation, draft plan review), a summary of racially-inclusive outreach activities and any key community issues/comments will be developed and discussed with project/agency leadership.

5b. What is unresolved? What resources/partnerships do you still need to make changes?

None at this time.

STEP 6. REPORT BACK.

Share analysis and report responses from Q.5a. and Q.5b. with Department Leadership and Change Team Leads and members involved in Step 1.

Documentation will be completed following outreach activities leading up to each key milestone.

Appendix B – Key Audiences and Stakeholders

Table 6 Key Audiences and Stakeholders	
City of Seattle departments and offices	
City Budget Office	Ben Noble, Director 600 4th Avenue, Floor 6 P.O. Box 94747 Seattle, WA 98124 Phone: (206) 684-8160 Email: ben.noble@seattle.gov Website: http://www.seattle.gov/financedepartment/
Department of Neighborhoods (DON)	Bernie Matsuno 700 Fifth Avenue, Suite 1700 PO Box 94649 Seattle, WA 98104 Phone: (206) 684-0465 Email: bernie.matsuno@seattle.gov Website: http://www.seattle.gov/neighborhoods/
Planning and Development (DPD)	Maureen Traxler 700 Fifth Avenue, Suite 2000 PO Box 34019 Seattle, WA 98124 Phone: (206) 233-3892 Email: Maureen.Traxler@seattle.gov Website: http://www.seattle.gov/dpd/default.htm
Parks and Recreation	Patti Petesch 100 Dexter Ave N Seattle, WA 98109 Phone: (206) 615-1803 Email: patti.petesch@seattle.gov Website: http://www.seattle.gov/parks/
Finance and Administrative Services (former Fleets and Facilities Department)	Elenka Jarolmik 700 Fifth Avenue, Suite 4350 PO Box 94680 Seattle, WA 98124 Phone: (206) 684-7767 Email: elenka.jarolimek@seattle.gov Website: http://www.seattle.gov/fas/
Economic Development	Karl Stickel 700 Fifth Avenue, Suite 5752 PO Box 94708 Seattle, WA 98124 Phone: (206) 684-8085 Email: karl.stickel@seattle.gov Website: http://www.seattle.gov/economicdevelopment/

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<p>Transportation (SDOT)</p>	<p>Lawrence Eichhorn 700 Fifth Avenue, Suite 3900 PO Box 34996 Seattle, WA 98124 Phone: (206) 684-7574 Email: lawrence.eichhorn@seattle.gov Website: http://www.seattle.gov/transportation/</p>
<p>Information Technology (DIT)</p>	<p>Vicki Wills 700 Fifth Avenue, Suite 2700 PO Box 94709 Seattle, WA 98124 Phone: (206) 684-3719 Email: vicki.wills@seattle.gov Website: http://www.seattle.gov/information-technology</p>
<p>Office of Emergency Management (OEM)</p>	<p>Barb Graff, Director of the Office of Emergency Management Phone: (206) 684-0437 Email: barb.graff@seattle.gov</p> <p>Grant Tietje, Operations and Planning Coordinator Phone: (206) 684-7722 Email: grant.tietje@seattle.gov</p> <p>Ken Neafcy, Training and Exercise Coordinator Phone: (206) 233-5091 Email: kenneth.neafcy@seattle.gov</p> <p>Laurel Nelson, Deputy Director Phone: (206) 233-5075 Email: laurel.nelson@seattle.gov</p> <p>TJ McDonald, Technology Coordinator Phone: (206) 233-5073 Email: tj.mcdonald@seattle.gov</p>
<p>Sustainability and Environment (OSE)</p>	<p>Tracey Morgenstern 700 Fifth Avenue, Suite 1868 PO Box 94729 Seattle, WA 98124 Phone: (206) 386-4595 Email: tracy.morgenstern@seattle.gov Website: http://www.seattle.gov/information-technology</p>
<p>Neighboring communities</p>	
<p>Bainbridge Island</p>	<p>Matthew Hamner, Emergency Preparedness Coordinator Chief of Police Phone: (206) 842-5211 Email: plicedept@ci.bainbridge-isl.wa.us Website: www.bainbridgewa.gov/194/Emergency-Preparedness</p>

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Bellevue	<p>Luke Meyers, Emergency Manager 450 110th Avenue NE P.O. Box 98009 Bellevue, WA 98004-9012 Phone: 425-452-6813 Email: lmeyers@bellevuewa.gov Website: Bellevue Emergency Preparedness</p>
Bremerton	<p>Bremerton Fire Department 911 Park Avenue Bremerton, WA 98337 Phone: (360) 473-5380 Website: http://www.ci.bremerton.wa.us/display.php?id=109</p> <p>Regional Preparedness Kitsap County Department of Emergency Management 911 Carver Street Bremerton, WA 98312 Phone: (360) 478-9802 Email: dem@kitsapdem.org Website: http://www.kitsapdem.org/contact-us.aspx</p>
Burien	<p>Regional Preparedness: Burien, Des Moines, Normandy Park, SeaTac 15811 Ambaum Blvd. SW, Suite C Burien, WA 98166-3066 Phone: (206) 248-3066 Website: http://www.burienwa.gov/index.aspx?nid=116</p>
Lake Forest Park	<p>Emergency Services Coordinating Agency (ESCA) Serves cities of Brier, Edmonds, Kenmore, Lake Forest Park, Lynnwood, Mountlake Terrace, Mill Creek and Woodway Lyn Gross, Director Dan good, Emergency Coordinator Chandra Fox, Emergency Coordinator 2901 228th Street SW, Suite A Brier, WA 98036 Phone: (425) 776-3722 Email: Lyn@esca1.com, Dan@esca1.com, Chandra@esca1.com Website: esca1.com/contact-us/</p>
Mercer Island	<p>Jennifer Franklin, Emergency Manager 3030 78th Avenue SE Mercer Island, WA 98040 Phone: 206-275-7905 Email: jennifer.franklin@mercergov.org. Website: http://www.mercergov.org/SectionIndex.asp?SectionID=87</p>
Renton	<p>Mindi Mattson, Emergency Management Coordinator 1055 S Grady Way Renton, WA 98057 Phone: (425) 430-7041 Email: mmattson@rentonwa.gov Website: http://rentonwa.gov/emergencies/default.aspx?id=2024</p>

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Shoreline	Gail Harris, Emergency Management Coordinator 17500 Midvale Avenue N Shoreline, WA 98133-4921 Phone: (206) 801-2271 Email: gharris@shorelinewa.gov Website: http://cityofshoreline.com/emergency/emergency-management
Tukwila	Martin Grisham, Emergency Management Manager 444 Andover Park E Tukwila, WA 98188-7606 Phone: (206) 971-8740 Email: eoc@tukwilawa.gov Website: http://www.tukwilawa.gov/disaster/disasterprepare.html
King County	Michelle Chatterton, Policy & Public Education 3511 NE 2nd Street Renton, WA 98056 Phone: (206) 205-6545 Email: Michelle.Chatterton@kingcounty.gov
Kitsap County	Mike Gordon, Interim Director Department of Emergency Management 911 Carver Bremerton, WA 98312 Phone: (360) 307-5870 Email: dem@kitsapdem.org Website: http://www.kitsapdem.org/staff.aspx
Washington State	Peter Tassoni, State Hazard Mitigation Officer / Deputy State Coordinating Officer Washington Emergency Management MS: TA-20, Bldg 20 Camp Murray, WA 98430-5122 Phone: (253) 512-7142 Email: Peter.Tassoni@mil.wa.gov Website: emd.wa.gov
Emergency service providers	
Seattle Fire Department	Captain Jay Havner Phone: (206) 615-1040 Email: j.havner@seattle.gov Website: http://www.seattle.gov/fire/
Seattle Police Department	Vickie Huff Phone: (206) 684-8951 Email: Vickie.Huff@seattle.gov Website: http://www.seattle.gov/police/

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<p>American Red Cross</p>	<p>1900 25th Avenue S PO Box 3097 Seattle, WA 98114 Phone: (206) 323-2345 Email: CHWWAInfo@redcross.org Website: http://safeinthesound.org/get-prepared/resources http://www.redcross.org/wa/seattle/about-us/contact</p>
<p>American Medical Response</p>	<p>13075 Gateway Drive, Suite 100 Seattle, Washington 98168 Phone: (800) 542-7701 Email: amr.seattle@amr.net Website: www.amr.net/Locations/Operations/Washington/Seattle.aspx</p>
<p>Harborview Hospital</p>	<p>325 9th Avenue Seattle, Washington 98104 Phone: (206) 744-3300 Website: http://www.uwmedicine.org/harborview</p>
<p>Swedish Medical Center</p>	<p>Swedish Medical Center/First Hill Campus 747 Broadway Seattle, WA 98122-4307 Phone: (206) 386-6000 Website: http://www.swedish.org/contact</p>
<p>King County Crisis Clinic</p>	<p>9725 3rd Avenue NE, Suite 300 Seattle, WA 98115 Phone: (206) 461-3200 Email: info@crisisclinic.org Website: http://crisisclinic.org/</p>
<p>King County EMAC/Region 6 Homeland Security Council</p>	<p>Mike Ryan, Zone 1 Emergency Management Coordinator Email: MRyan@bellevuewa.gov</p> <p>Ed Reed, Zone 3 Emergency Management Coordinator Email: EReed@kent.wa.us</p> <p>Link to 2013 organization chart (PDF)</p>
<p>Puget Sound Blood Center</p>	<p>921 Terry Avenue Seattle, WA 98104 Phone: (206) 292-6500 Email: HumanResources@psbc.org Website: http://www.psbcc.org/home/index.htm</p>
<p>Northwest Healthcare Response Network</p>	<p>Onora Lien, Interim Executive Director NWHRN 7100 Fort Dent Way, Suite 210 Tukwila, WA 98188 Phone: Email: info@nwhrn.org Website: http://www.nwhrn.org/</p>

Transportation and transit agencies	
Washington State Department of Transportation (WSDOT)	WSDOT Headquarters 310 Maple Park Avenue SE P.O. Box 47300 Olympia, WA 98504-7300 Phone: (360)705-7438 Email: hqcustomerservice@wsdot.wa.gov Website: http://www.wsdot.wa.gov/contact/
King County Metro	King Street Center KSC-TR-0415 201 South Jackson Street Seattle, WA 98104 Phone: (206) 296-0100 Email: customer.comments@kingcounty.gov Website: http://metro.kingcounty.gov/
Sound Transit	401 S Jackson Street Seattle, WA 98104 Phone: 888-889-6368 Email: main@soundtransit.org Website: http://www.soundtransit.org/
Community Transit	7100 Hardeson Road Everett, WA 98203 Phone: (425) 348-7100 Email: riders@commtrans.org Website: http://www.communitytransit.org/
Port of Seattle	Russ Read 2711 Alaskan Way Seattle, WA 98121 Phone: (206) 787-3345 Email: read.r@portseattle.org Website: https://www.portseattle.org
Public utilities	
Seattle Public Utilities	Ned Worcester 700 Fifth Avenue, Suite 4900 PO Box 34018 Seattle, WA 98124 Phone: (206) 233-2000 Email: Ned.Worcester@seattle.gov Website: http://www.seattle.gov/util/
Seattle City Light	Jerry Koenig 700 Fifth Avenue, Suite 3200 Seattle, WA 98104 Phone: (206) 684-3095 Email: Jerry.Koenig@seattle.gov Website: https://www.seattle.gov/light/

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Puget Sound Energy	10885 NE 4th Street Bellevue, WA 98004-5591 Phone: 1-888-225-5773 Website: http://pse.com/Pages/default.aspx
CleanScapes	7303 8th Avenue S Seattle, WA 98108 Phone: (206) 250-7500 Email: seattle@cleanscapes.com Website: http://www.cleanscapes.com/

Elected officials and local jurisdictions	
Seattle City Council	<p>Tim Burgess, Council President Phone: (206) 684-8806 Email: tim.burgess@seattle.gov</p> <p>Sally Bagshaw Phone: (206) 684-8801 Email: sally.bagshaw@seattle.gov</p> <p>Sally J Clark Phone: 206-684-8802 Email: sally.clark@seattle.gov</p> <p>Jean Godden Phone: (206) 684-8807 Email: jean.godden@seattle.gov</p> <p>Bruce Harrell Phone: (206) 684-8804 Email: bruce.harrell@seattle.gov</p> <p>Nick Licata Phone: (206) 684-8803 Email: nick.licata@seattle.gov</p> <p>Mike O'Brien Phone: (206) 684-8800 Email: mike.obrien@seattle.gov</p> <p>Tom Rasmussen Phone: (206) 684-8808 Email: tom.rasmussen@seattle.gov</p> <p>Kshama Sawan Phone: (206) 684-8016 Email: kshama.sawant@seattle.gov</p>
City of Seattle Mayor's Office	Mayor Ed Murray 600 Fourth Avenue, 7th Floor Seattle, WA 98104 Phone: (206) 684-4000 Email: Mayors.Office@ci.seattle.wa.us

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<p>King County Council</p>	<p>Rod Dembowski, District 1 Phone: (206) 477-1001 Email: rod.dembowski@kingcounty.gov</p> <p>Larry Gossett, District 2 Phone: (206) 296-1002 Email: larry.gossett@kingcounty.gov</p> <p>Larry Phillips, District 4 Phone: (206) 296-1004 Email: larry.phillips@kingcounty.gov</p> <p>Joe McDermott Council Vice Chair, District 8 Phone: (206) 477-1008 Email: joe.mcdermott@kingcounty.gov</p>
<p>State and Federal legislative officials and staff</p>	<p>Washington State Legislators (Districts 11, 32, 33, 34, 36, 37, 43 and 46)</p> <p>U.S. Representatives for Washington State</p> <p>U.S. Senators for Washington State</p> <p>Governor Jay Inslee's Office</p>
<p>Neighborhood and community organizations</p>	
<p>City of Seattle Neighborhood Councils</p>	<p>Current City Neighborhood Council Executive Committee Officers listed here: http://www.seattle.gov/neighborhoodcouncil/members.htm</p>
<p>City of Seattle District Councils</p>	<p>Current City Neighborhood Council Executive Committee Officers listed here: http://www.seattle.gov/neighborhoodcouncil/members.htm</p>
<p>Seattle CERT (through OEM)</p>	<p>Cathy Wenderoth, Volunteer Coordinator 105 5th Avenue S, Suite 300 Seattle, WA 98104 Phone: (206) 233-5096 , (206) 684-5998 Email: cathy.wenderoth@seattle.gov Website: http://www.fema.gov/community-emergency-response-teams</p>
<p>Seattle Children's Hospital Emergency Response Team</p>	<p>Tracy Anderson, Training Coordinator 4800 Sand Point Way NE Seattle, WA 98105 Phone: (206) 987-0093 , (206) 987-3866 Email: tracy.anderson@seattlechildrens.org Website: http://www.seattlechildrens.org/clinics-programs/emergency-department/your-care-team/</p>
<p>AIA Seattle Disaster Preparedness & Response (DP&R)</p>	<p>Joan Stoeckle Phone: (206) 448-4938 Email: joans@aiaseattle.org Website: http://www.aiaseattle.org/committee_disasterprep.htm</p>

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Seattle Neighborhoods Actively Prepare (SNAP)	Denise Smith, Administrative Specialist Phone: (206) 233-5076 Email: SNAP@seattle.gov ; Denise.Smith@seattle.gov Website: http://www.seattle.gov/emergency/programs/snap/
Non-profit organizations / vulnerable populations	
United Way of King County	720 2nd Avenue Seattle, WA 98104 Phone: (206) 461-3700 Email: customerservice@uwkc.org Website: www.uwkc.org
Community and faith-based organizations	<i>Seattle OEM staff provided an email list of key contacts for these organizations</i>
School districts and higher education institutions	
Seattle Public Schools	Pegi McEvoy, Assistant Superintendent of Operations 2445 3rd Avenue S Seattle, WA 98134 Phone: (206) 252-0707 Email: pmcevoy@seattleschools.org Website: www.seattleschools.org/
University of Washington	Steve Charvat, Director, UW Emergency Management Box 359531 Suite C140, UW Tower Seattle, WA 98105 Phone: (206) 897-8080 Email: charvat@uw.edu ; disaster@uw.edu Website: www.washington.edu/
Seattle University	901 12th Avenue Seattle, WA 98122 Phone: (206) 296-6000 Website: http://www.seattleu.edu/
Seattle Pacific University	3307 3rd Avenue W Seattle, WA 98119 Phone: (206) 281-2000 Website: http://www.spu.edu/
Various community colleges	Betty Lunceford, Telecommunications Manager 1500 Harvard Avenue Seattle, WA 98122 Phone: (206) 934-4100 Email: Betty.lunceford@seattlecolleges.edu Website: http://www.seattlecolleges.com/

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Businesses and employers	
Seattle Metropolitan Chamber of Commerce	1301 Fifth Avenue, Suite 1500 Seattle, WA 98101 Phone: (206) 389-7200 Email: info@seattlechamber.com Website: www.seattlechamber.com/
Washington Roundtable	520 Pike Street, Suite 1212 Seattle, WA 98101-4001 Phone: (206) 623-0180 Email: contact@waroundtable.com Website: www.waroundtable.com/
Downtown Seattle Association (DSA)	600 Stewart Street, Suite 200 Seattle, WA 98101 Phone: (206) 623-0340 Website: http://www.downtownseattle.com/contact/
Metropolitan Improvement District (MID)	423 Stewart Street Seattle, WA 98101 Phone: (206) 441-3303 Website: http://www.downtownseattle.com/contact/
Commute Seattle	600 Stewart Street, Suite 200 Seattle, WA 98101 Phone: (206) 613-3131 Website: http://www.downtownseattle.com/contact/
Seattle Center	Jill Crary 305 Harrison Street Seattle, WA 98109 Phone: (206) 684-7107 Email: jill.crary@seattle.gov Website: http://www.seattlecenter.com/
BECU	Mathew McBride, Business Continuity Program Analyst 12770 Gateway Drive Tukwila, WA 98168 Phone: (206) 439-5986 Email: mathew.mcbride@becu.org
Complimentary / parallel processes	
Seattle Disaster Recovery Planning	Diane Newman, Regional Planner (primary contact) Phone: (206) 233-5079 Email: diane.newman@seattle.gov Erika Lund, Recovery Coordinator (secondary contact) Phone: (206) 233-5089 Email: erika.lund@seattle.gov Website: http://www.seattle.gov/emergency/prepare/

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King County RHMP Process	Michelle Chatterton, Policy & Public Education Phone: (206) 205-6545 Email: Michelle.Chatterton@kingcounty.gov Janice Rahman, Hazard Mitigation & Recovery Phone: (206) 205-4061 Email: Janice.rahman@kingcounty.gov
King County Recovery Planning Process ("Resilient King County" initiative)	Janice Rahman, Hazard Mitigation & Recovery Phone: (206) 205-4061 Email: Janice.rahman@kingcounty.gov
OEM Emergency Support Function (ESF) #6	<i>ESF listserv distribution list provided to the project team by Project Lead, Donna Voss</i>

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Tribal nations	
City of Seattle Office of Intergovernmental Relations (OIR)	Nicole Willis, Intergovernmental Relations, Tribal Liaison 600 4th Ave, 5th Floor P.O. Box 94746 Seattle, WA 98124-4746 Phone: (206) 684-8263 Email: nicole.willis@seattle.gov Website: http://www.seattle.gov/oir/
Muckleshoot Indian Tribe	Muckleshoot Indian Tribe 39015 – 127nd Ave SE Auburn, WA 98092 Phone: (253) 939-3311 Website: www.muckleshoot.nsn.us/
Snoqualmie Tribe	Snoqualmie Tribe 8139 Railroad Ave SE P.O. Box 969 Snoqualmie, WA 98065 Phone: (425) 888-6551 Website: www.snoqualmiation.com
Suquamish Tribe	Suquamish Tribe 18490 Suquamish Way Suquamish, WA 98392 Mailing Address: PO Box 498 Suquamish, WA 98392 Phone: (360) 598-3311 Website: www.suquamish.nsn.us/

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Cultural institutions	
Seattle Art Museum	1300 1st Avenue Seattle, WA 98101 Phone: (206) 654-3210 Email: conservation@seattleartmuseum.org ; pr@seattleartmuseum.org Website: http://www.seattleartmuseum.org/
Seattle Public Libraries	Marilynne Gardner, Chief Financial and Administrative Officer 1000 Fourth Avenue Seattle, WA 98104-1109 Phone: (206) 386-4636 Email: Marilynne.Gardner@spl.org Website: https://www.spl.org/
Seattle Historical Districts	Phone: (206) 684-0228 Website: http://www.seattle.gov/neighborhoods/preservation/contact.htm
State and Federal Regulatory agencies	
Washington State Department of Ecology (Dam safety, emergency response services, etc.)	James DeMay, Section Manager Washington State Department of Ecology Dam Safety Office PO Box 47600 Olympia, WA 98504-7600 Phone: (360) 407-6603 Email: jade461@ecy.wa.gov Website: http://www.ecy.wa.gov/programs/wr/dams/dss.html
FEMA Region 10	Phone: (800) 621-FEMA (3362) Website: http://www.fema.gov/region-x-ak-id-or-wa
Public health	
Seattle and King County Public Health Department	Ashley Kelmore, Response Planning Program Manager 401 5th Ave Ste 1300 Seattle, WA 98104 Phone: (206) 263-8720 Email: ashley.kelmore@kingcounty.gov ; publichealth@kingcounty.gov Website: http://www.kingcounty.gov/healthservices/health.aspx
City of Seattle Human Services Department (HSD) (Emergency services, food banks, shelter and housing, etc.)	700 5th Avenue, Suite 5800 PO Box 34215 Seattle, WA 98124-4215 David Takami, Public Information Officer Phone: (206) 386-1001, (206) 684-0253 Email: emergencyservices@seattle.gov Jill Watson Phone: (206) 684-7788 Email: Jill.Watson@seattle.gov Website: www.seattle.gov/humanservices/emergencyservices/emergencyfood.htm

Weather and geological information	
NOAA	7600 Sand Point Way NE Seattle, Washington 98115-6349 Phone: (206) 526-6087 Website: http://www.wrh.noaa.gov/sew/ Email: w-sew.webmaster@noaa.gov
USGS	Federal Office Building 909 First Avenue, 8th Floor Seattle, WA 98104 Phone: (206) 220-4600 Website: http://www.usgs.gov/contact_us/?state=WA
Pacific Northwest Seismograph Network Stakeholder coordination	Seismology Lab, University of Washington Dept. of Earth and Space Sciences Box 351310 Seattle, WA 98195-1310 Phone: (206) 685-8180 Email: seis_info@ess.washington.edu Website: http://www.pnsn.org/

Appendix C – Media List

Table 7 Media List	
Traditional media	
Seattle Times	www.seattletimes.com
Seattle PI	www.seattlepi.com
Daily Journal of Commerce	www.djc.com
TV outlets	www.king5.com www.komonews.com www.kirotv.com
Publicola	www.seattlemet.com/news-and-profiles/publicola
Regional Public Information Network (RPIN)	http://www.rpin.org/rpinweb/
Crosscut	www.crosscut.com
Social media and blogs	
List of all neighborhood and regional newspapers and blogs	https://www.seattle.gov/html/citizen/media.htm
Next Door Media (north Seattle news blogs)	NextDoorMediaJenni@gmail.com
Seattle Transit Blog	www.seattletransitblog.com
Seattle Bike Blog	www.seattlebikeblog.com
City of Seattle’s Facebook account	/www.facebook.com/seattle.gov
City of Seattle’s Twitter account	http://twitter.com/cityofseattle
DON Facebook and Twitter accounts	www.facebook.com/pages/Seattle-Department-of-Neighborhoods/144330328965411 http://twitter.com/SEAnighborhood
DPD Facebook and Twitter accounts	http://www.facebook.com/pages/Seattle-WA/Seattle-Department-of-Planning-and-Development/123152721040828 http://twitter.com/seattledpd
OSE Facebook and Twitter accounts	http://www.facebook.com/pages/Seattle-Office-of-Sustainability-Environment/158378810890770?sk=wall http://twitter.com/seattleOSE
SDOT Facebook and Twitter accounts	http://www.facebook.com/pages/Seattle-WA/Seattle-Department-of-Transportation/139198266097793 http://twitter.com/SeattleDOT
SPD Facebook and Twitter accounts	http://www.facebook.com/SeattlePolice http://twitter.com/SeattlePD
SFD Facebook and Twitter accounts	http://www.facebook.com/seattlefire http://www.twitter.com/seattlefire
Park and Recreation Facebook and Twitter accounts	http://www.facebook.com/pages/Seattle-WA/SeattleParks/330367168566 http://twitter.com/Seattleparks
SPU Facebook and Twitter accounts	http://www.facebook.com/SeattlePublicUtilities http://twitter.com/SeattleSPU

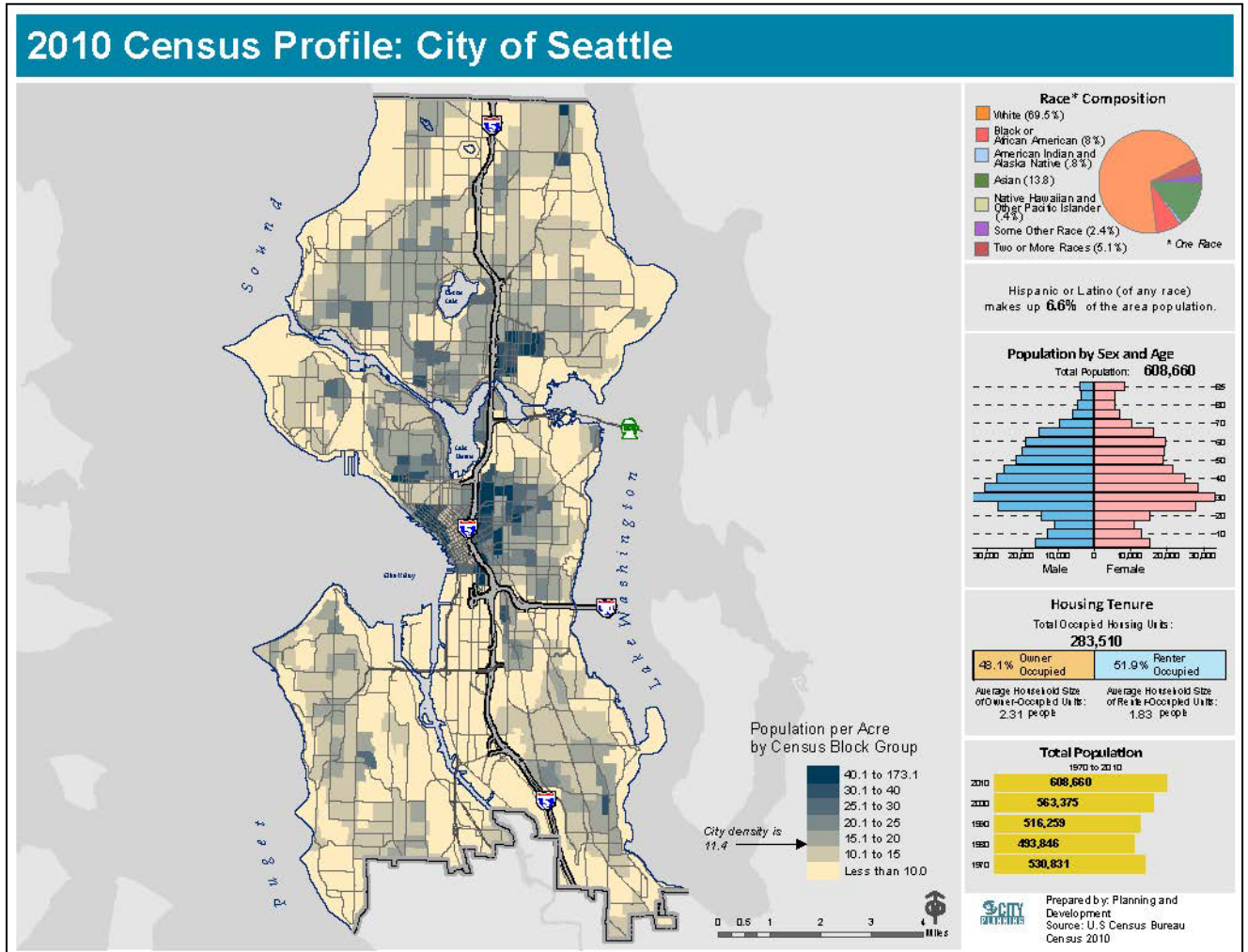
Inclusive Outreach & Public Engagement Plan

Mayor Murray's Facebook and Twitter accounts	https://www.facebook.com/pages/Mayor-Ed-Murray/ https://twitter.com/Mayor_Ed_Murray
The Reader – Mayor's e-newsletter	www.seattle.gov/mayor/press/default.asp
Ethnic media	
Northwest Asian Weekly	www.nwasianweekly.com/
La Raza Del Noroeste	www.larazanw.com/
Seattle Chinese Times	www.seattlechinesetimes.com/
International Examiner	www.iexaminer.org/
Northwest Vietnamese News	www.nvnorthwest.com/
The Seattle Medium	www.seattlemedium.com/
The Facts	www.nwfacts.com/about_us

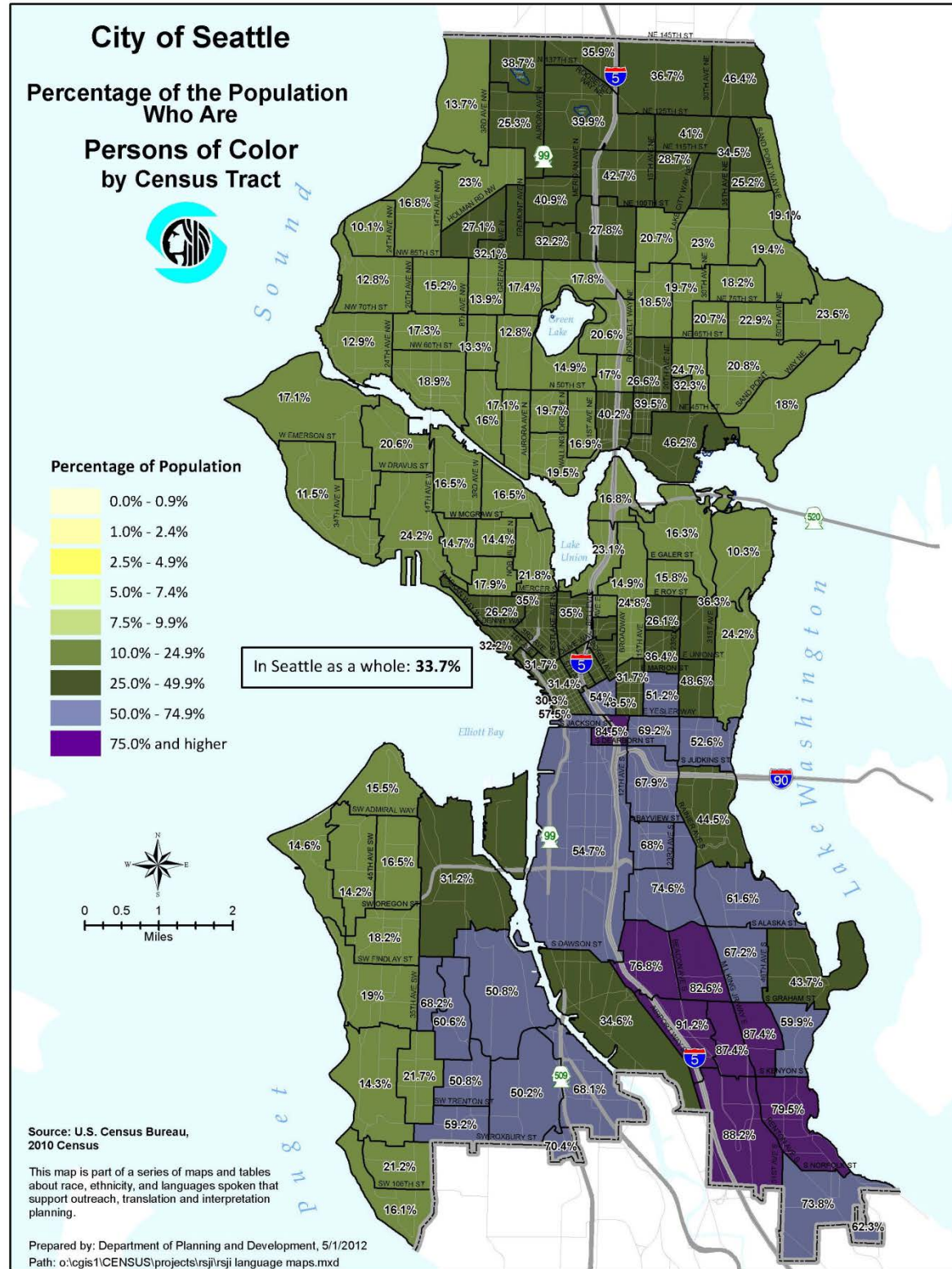
Appendix D – Demographic Data

The following maps and information were obtained from the City of Seattle’s Department of Planning and Development website:

www.seattle.gov/dpd/cityplanning/populationdemographics/geographicfilesmaps/2010census/default.htm

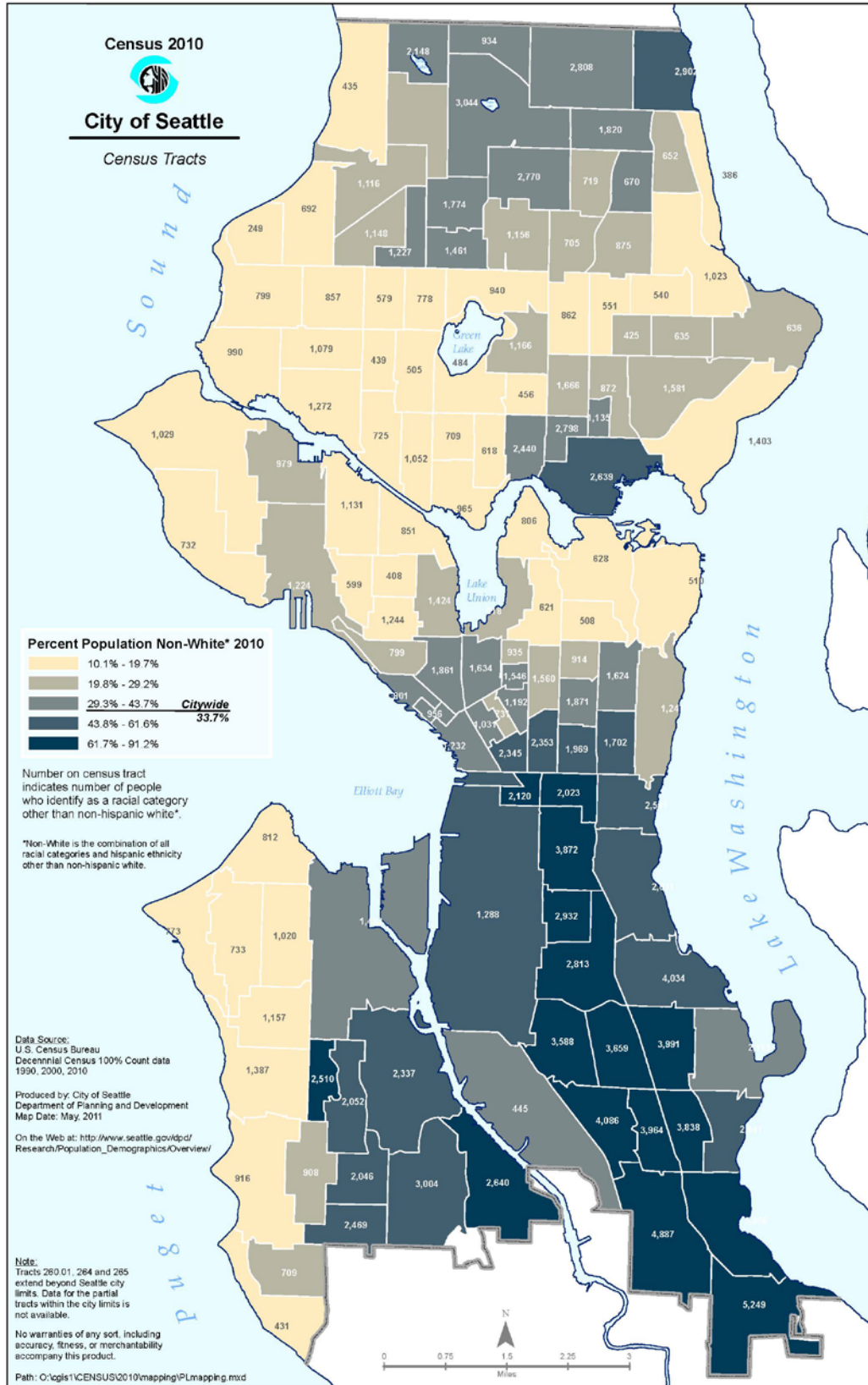


Source: http://www.seattle.gov/dpd/cs/groups/pan/@pan/documents/web_informational/dpdd016815.pdf

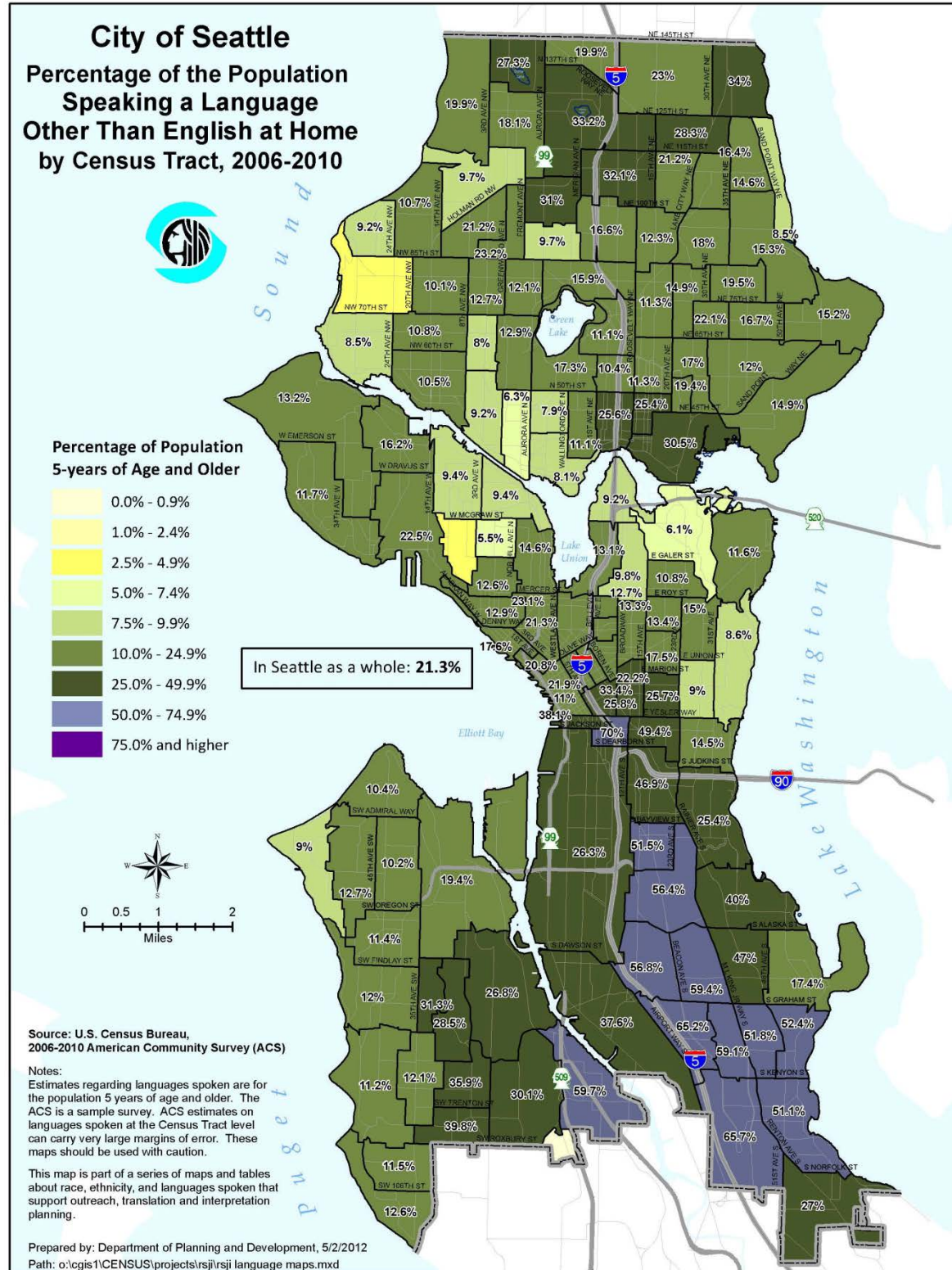


Source: http://www.seattle.gov/dpd/cs/groups/pan/@pan/documents/web_informational/dpdd016871.pdf

Project Inclusive Outreach & Public Engagement Plan



Source: http://www.seattle.gov/dpd/cs/groups/pan/@pan/documents/web_informational/dpdd017053.pdf



Source: http://www.seattle.gov/dpd/cs/groups/pan/@pan/documents/web_informational/dpdd016864.pdf

Appendix E – Federal, Non-Federal, and Ethnic Holidays

The following 2014 holidays have been identified through preliminary research and will be used by the project team to determine appropriate dates and times for all outreach events.

Federal Holidays

- January 1: New Year's Day
- January 20: Birthday of Martin Luther King, Jr.
- February 17: President's Day
- May 26: Memorial Day
- July 4: Independence Day
- September 1: Labor Day
- October 13: Columbus Day
- November 11: Veterans Day
- November 27-28: Thanksgiving Holiday
- December 25-26: Christmas Holiday
- December 31: New Year's Eve

Non-Federal holidays

- January 6: Epiphany
- January 31 - February 4: Lunar New Year
- March 5: Ash Wednesday
- April 13: Palm Sunday
- April 15-22 : Passover
- April 18: Good Friday
- April 20: Easter
- April 22: Earth Day
- May 1: May Day
- May 5: Cinco de Mayo
- September 25: Rosh Hashanah
- October 3-4: Yom Kippur
- December 16-24: Hanukkah
- December 26 - January 1: Kwanzaa

Mexican American holidays

- February 3: Anniversary of Mexican Constitution
- March 17: Benito Juarez's Birthday
- May 1: Mexican Labor Day
- May 5: Anniversary of the Battle of Puebla
- May 10: Mexican Mother's Day
- September 16: Mexican Independence Day
- November 2: All Soul's Day
- November 17: Anniversary of the Mexican Revolution

Vietnamese American holidays

- January 29 - February 5: Lunar New Year Festival
- April 9: National Anniversary of Hung Kings

- April 30: Victory Day
- May 1: International Labor Day
- September 2: Vietnamese National Day

Chinese American holidays

- April 5-7: Tomb Sweeping Day
- June 2: Dragon Boat Festival
- September 8: Mid-Autumn Festival
- October 1-3: Chinese National Day

Korean American holidays

- March 1: Independence Movement Day
- May 5: Children's day
- May 6: Buddha's Birthday
- June 6: Memorial Day
- August 15: Independence Day
- September 7-9: Korean Thanksgiving
- October 3: National Foundation Day
- October 9: Hangeul Nal (Korean Alphabet Day)

Islamic holidays

- January 13: Milad Un Nabi Birthday of Muhammad
- January 18: Malid Un Nabi (Shia)
- June 28: Start of Ramadan
- July 28: Eid-UI-Fitr End of Ramadan
- October 4: Eid-UI-Adha Festival of Sacrifice
- October 25: Islamic New Year
- November 3: Islamic Holy Day Ashura

Ethiopian holidays

- January 7: Genna Ethiopian Christmas
- January 19: Timket (Epiphany)
- April 18: Ethiopian Good Friday
- April 20: Fasika Ethiopian Easter
- September 11: Ethiopian New Year



C-2 Public Comment Period 1



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Appendix C.2 Public Comment Summary, Spring 2014

Updated: May 2, 2014

1. Introduction

The City of Seattle Office of Emergency Management (OEM) is currently updating the City's Hazard Mitigation Plan (HMP). A critical component of the update effort is a robust stakeholder engagement process that provides "an opportunity for the public to comment on the plan during the drafting stage and prior to plan approval" (44 Code of Federal Regulations [CFR] §201.6). To meet this requirement, OEM designated a public comment period in spring 2014. From March 25 to April 23, stakeholders and the public were invited to share their thoughts about what hazards concern them most and how they think the City should prioritize its activities to reduce hazard risks. Public involvement tools and events included notifications sent to key stakeholders and listservs that reached thousands of members of the public interested in emergency preparedness and response; a public meeting; and an online survey available through OEM's website (paper copies of the survey were also available at key locations such as the Seattle Center). OEM and stakeholders also provided information about the Seattle HMP Update process at other City planning events such as the Emergency Support Function (ESF) 6 – Mass Care, Housing, and Human Services Meeting; the regional Communications Academy; and the Disaster Management Committee Meeting.

This appendix includes documentation of the notifications and outreach efforts to meet the requirements of the Federal Emergency Management Agency Checklist criteria A2 and A3 [44 CFR §201.6(b) (1) and (2)] and that are in accordance with Inclusive Outreach and Public Engagement Plan.

2. Notifications

As described below, OEM issued notifications to the public as well as elected officials regarding the Seattle HMP Update and opportunities to provide input using emails, press releases, letters, posters, brochures, and calendar postings. Social media text was also available for key stakeholders, including Mitigation Work Group members, who offered to notify their constituents via their own accounts and communication tools. Documentation of these notifications is provided in Attachment A.

- **Seattle elected officials:** To supplement public outreach, OEM sent a notification on March 18 to City of Seattle elected officials (council members and mayor) and staff.
- **Emails:** Between March 20 and 31, OEM emailed notifications to the key stakeholders and listservs identified in Attachment B. Each notification included the following



attachments: a poster advertising the open house, a project brochure, and social media text for re-posting.

- **Press releases:** The OEM Project Manager emailed a press release to the following contacts:
 - On March 11, to Seattle’s Office of Refugee and Immigrant Affairs to be included in a weekly email targeting approximately 80 ethnic media outlets.
 - On March 21, to the following media outlets:
 - Seattle Times
 - Seattle Post-Intelligencer
 - Daily Journal of Commerce
 - KOMO News
 - KING News
 - KIRO News
 - KCPQ News
 - Publicola
 - Regional Public Information Network
 - Crosscut
 - Sightline
- **Letters:** On March 19, OEM mailed letters to the Muckleshoot Indian Tribe, Snoqualmie Indian Tribe, and Suquamish Indian Tribe inviting their participation.
- **Posters:** OEM mailed open house posters to Seattle Public Library branches to display in appropriate locations.
- **Website and Calendars:** OEM posted information about the public meeting on the OEM website and Seattle’s Public Outreach and Engagement online calendar.

In some cases, OEM was alerted when notifications were sent on to additional groups or re-posted to social media. Examples of forums where project notifications were re-posted include (but may not be limited to):

- Beacon Hill Facebook page
- North Beacon Hill Council Facebook page
- West Seattle Be Prepared Facebook page
- King County OEM communicators listserv (private, public, non-profit)
- Islamic Emergency Management Facebook page
- Seattle Department of Planning and Development



3. Public Comment Results

3.1 Public meeting

A public meeting was held on Tuesday, April 8, 2014, from 6:00 p.m. to 8:30 p.m. at Rainier Community Center (4600 38th Avenue South). This venue was chosen because it is located in one of the most diverse census tracts in the City and would therefore offer a better opportunity for inclusive engagement from racially and culturally diverse communities in Seattle.

Approximately 20 people attended the meeting.

At the meeting, attendees were asked to prioritize their top three hazard concerns and their top three preferences for how the City should prioritize resources to minimize hazard risks. They were also given the opportunity to complete the project survey on lap-top computers or on paper copies. Meeting attendees identified the following hazards and priorities:

- **Hazards of concern:** Attendees clearly identified earthquake as the hazard about which they were most concerned. Flood, hazardous material, and active shooter incidents were also considered important hazards for which to prepare, but they scored significantly lower than earthquake (see Attachment C for more detail).
- **Hazard mitigation priorities:** While prevention was identified as the most popular sector for allocating mitigation resources, many meeting attendees identified public education and hazard awareness as a key area to prioritize in planning efforts (see Attachment C for more detail).

3.2 Survey responses

In total, 708 people responded to the Seattle HMP Update survey. The following sections summarize key priorities and trends in the survey results.

3.2.1 General Findings

Of the 708 people who responded to the survey, 87% identified themselves as members of the public. Respondents identified earthquakes, infrastructure/cyber incidents, and transportation incidents as the top three hazards about which they were most concerned. However, the top three hazards chosen from the multiple-choice question varied somewhat by neighborhood (see Section 3.2.3). Notably, respondents from Downtown and Southeast Seattle identified active shooter in the top three hazards. Survey respondents also expressed concern through open-ended questions about the structural stability of buildings and infrastructure during a natural disaster, and access to potable water, healthcare services, and electricity in a disaster's aftermath. Respondents additionally commented that a lack of hazard preparedness is itself a hazard and advocated for greater awareness among communities and businesses.



Respondents identified prevention, emergency services, and structural projects as very important categories for the allocation of mitigation resources. These priorities are reflected across all population groups and neighborhoods. Through open-ended questions, many respondents expressed approval of the work by local preparedness programs such as Seattle Neighborhoods Actively Prepare (SNAP), Community Emergency Response Teams (CERT), and Seattle's Disaster Relief Trial. Respondents also encouraged greater public education and awareness to help communities prepare for a potential hazard. Notably, this category was considered less important than the top three identified through the multiple-choice questions. Respondents encouraged the City to look at science-based methods to identify and mitigate hazards. Some respondents also specifically called for greater monitoring of developers and building quality and suggested establishing no-build zones in areas prone to hazards such as flooding.

In the multiple-choice questions, respondents noted the internet, public workshops/neighborhood meetings, and friends/relatives as their top three sources for hazard mitigation information, with the internet receiving the most responses across population groups and neighborhoods. However, through open-ended questions, several respondents requested information sharing via resources that were not reliant on a computer. Generally, respondents felt that there is not enough publicly available information that is up to date and easy to understand. Some respondents suggested expanding neighborhood programs like SNAP and looking to employers to provide preparedness training for employees.

3.2.2 Results by Select Populations

- Respondents 65 years and older (79 responses) identified:
 - Earthquake, infrastructure/cyber incidents, and landslides as the primary hazards of concern.
 - Prevention, emergency services, and structural projects as very important categories.
 - Internet, public workshops/neighborhood meetings, and the newspaper as primary information sources.
- Respondents who identified themselves as having a disability (46 responses) identified:
 - Earthquake, power outage, and infrastructure/cyber incident as the primary hazards of concern.
 - Emergency services, structural projects, and prevention as very important categories.
 - Internet, public workshops/neighborhood meetings and the television as primary information sources.



- Respondents who speak a language other than English at home (65 responses) identified:
 - Earthquake, infrastructure/cyber incident, and power outages as the primary hazards of concern.
 - Prevention, emergency services, and structural projects as very important categories.
 - Internet, public workshops/neighborhood meetings, and social media as primary information sources.

3.2.3 Results by Neighborhood

- Respondents who identified Northwest Seattle as their neighborhood or place of work (112 responses) identified:
 - Earthquake, transportation incidents, and hazardous material incidents as the primary hazards of concern.
 - Prevention, emergency services, and structural projects as very important categories.
 - Internet, public workshops/neighborhood meetings, and the newspaper as primary information sources.
- Respondents who identified Northeast Seattle as their neighborhood or place of work (70 responses) identified:
 - Earthquake, landslide, and power outages as the primary hazards of concern.
 - Prevention, emergency services, and structural projects as very important categories.
 - Internet, public workshops/neighborhood meetings, and friends and relatives as primary information sources.
- Respondents who identified Magnolia and Queen Anne as their neighborhood or place of work (32 responses) identified:
 - Earthquake, landslide, and infrastructure/cyber as the primary hazards of concern.
 - Prevention, emergency services, and structural projects as very important categories.
 - Internet, public workshops/neighborhood meetings, and friends and relatives (tied with social media) as primary information sources.
- Respondents who identified Central Seattle as their neighborhood or place of work (74 responses) identified:
 - Earthquake, power outage, and infrastructure/cyber incident as the primary hazards of concern.



- Prevention, emergency services, and structural projects as very important categories.
- Internet, public workshops/neighborhood meetings, and friends and relatives as primary information sources.
- Respondents who identified Downtown Seattle as their neighborhood or place of work (68 responses) identified:
 - Earthquake, infrastructure/cyber incident, and active shooter as the primary hazards of concern.
 - Prevention, structural projects, and emergency services projects as very important categories.
 - Internet and public workshops/neighborhood meetings as primary information sources, with friends/relatives, social media, and television as secondary sources of information.
- Respondents who identified West Seattle and Delridge as their neighborhood or place of work (255 responses) identified:
 - Earthquake, transportation incidents, and landslides as the primary hazards of concern.
 - Prevention, emergency services, and structural projects as very important categories.
 - Internet, public workshops/neighborhood meetings, and friends and relatives as primary information sources.
- Respondents who identified Southeast Seattle as their neighborhood or place of work (90 responses) identified:
 - Earthquake, infrastructure/cyber incident, and active shooter as the primary hazards of concern.
 - Emergency services, prevention, and structural projects as very important categories.
 - Internet, public workshops / neighborhood meetings, and friends and relatives as primary information sources.

4. Other events attended by OEM

OEM and stakeholders for the Seattle HMP Update provided information and collected feedback at several emergency-related planning events. Documentation of these events is provided in Attachment D.

- At the ESF 6 – Mass Care, Housing, Human Services meeting held on March 18, 2014, the Seattle Human Services Department provided information about the Seattle HMP Update to approximately 15 attendees and encouraged attendees to complete the online survey.



- Brochures were provided at the Communications Academy from March 22 to 23, 2014. Sixty-seven brochures were distributed to volunteer communicators (such as HAM radio operators) who assist the Emergency Operations Center during emergency situations.
- Seattle OEM provided an overview of the Seattle HMP Update process at the Disaster Management Committee Meeting on March 27, 2014. Commuters were available at the meeting for attendees to fill out the online survey.



Attachment A – Notifications

This attachment provides documentation of notifications sent to key stakeholders and the public (Table C.2-1). For a summary of these notifications please refer to Section 2.

In support of stakeholder outreach and public engagement, OEM developed several outreach materials that were attachments or enclosed with notifications. These materials are:

- Public Meeting Poster (page 9)
- Brochure (page 10)
- Media Advisory (page 11)
- E-mail Update (page 13)
- Social Media Posts (page 15).

Notification	Page Number
Notification to Seattle Elected Officials	16
Notification to Seattle’s Office of Refugee and Immigrant Affairs	18
Notification to media outlets	19
Letters sent to the Snoqualmie Tribe, Muckleshoot Indian Tribe and Suquamish Tribe	21
Sample e-mail sent to stakeholders identified in Attachment B	27
OEM Website and Calendars	28
Sample Social Media and re-Posts of Outreach Information	30



POSTER

We want to hear from you!

Earthquakes



Courtesy Seattle Municipal Archives
Item 200105210_01_20

Flooding



Courtesy of Seattle Parks & Recreation

Windstorms



Courtesy of Seattle Parks & Recreation

Winter Storms



Courtesy of Seattle Municipal Archives
Item 112934

People who have concerns about how a major disaster could affect their community can provide input to a citywide hazard mitigation plan that addresses the potential impacts as a result of a disaster. The City of Seattle is collecting input during a public comment period March 25 through April 23, 2014. Comments can be provided during this period through an online survey, e-mail, postal mail or in person at an open house on April 8th at the Rainier Community Center.



By email

HazardMitigationPlanUpdate@seattle.gov

▶ March 25 – April 23, 2014

Online Survey

<http://www.seattle.gov/emergency>

▶ March 25 – April 23, 2014



In Person

Family Friendly Open House

▶ Tuesday, April 8, 2014

6:00 – 8:30 p.m.

Presentation at 7:00 p.m.

Rainier Community Center

4600 38th Ave. South, Seattle

Refreshments and FREE Resources



By Mail

HMP Project Manager
City of Seattle

Office of Emergency Management
105 5th Ave. South, Suite 300
Seattle, WA 98104

▶ March 25 – April 23, 2014

Accessible by Transit Routes: 7, 9, 30, 987

Interpretation and accommodations available upon advance request, contact Donna Voss at (206) 233-5089 or by email at: HazardMitigationPlanUpdate@seattle.gov



BROCHURE



Jefferson Community Center - The now complete seismic retrofit was a mitigation action identified by the 2009 Seattle Hazard Mitigation Plan. Photograph by Laurel Mercury



How can we make Seattle safer, smarter, and more survivable?

We need your help!
Seattle's Office of Emergency Management (OEM) is updating the City's Hazard Mitigation Plan and needs your help.

What hazards concern you the most? What activities and projects should Seattle prioritize?

Help us update the plan with your comments. [Please share your thoughts by April 23, 2014.](#)

Why should we try to minimize hazards?
Natural and manmade disasters can cause injury, death, and property damage, and impact individuals, families, and the economy. Recovery can take public funding and attention away from other priorities.

What is the Seattle Hazard Mitigation Plan?
The Seattle Hazard Mitigation Plan identifies the risks we face from natural & man-made disasters (i.e. earthquakes, winter storms, landslides, terrorist activities) and develops a plan to reduce risk and minimize damage.

Why develop a Hazard Mitigation Plan?
To identify the best ways to use limited City resources to lessen the effects on the community from specific hazards.

Tell us what you think!

Complete an on-line survey:
www.surveymoney.com/s/SeaHazMitSurvey

Send comments by mail:
Mitigation Plan Update, Project Manager
Seattle Office of Emergency Management
105 5th Ave South, Suite 300
Seattle, WA 98104

Attend a public meeting:
April 8, 2014, 6 to 8:30 p.m.
Fairmer Community Center
4600 38th Ave S, Seattle, WA 98118
Transit Routes: 7, 9, 50, 987

Presentation at 7 p.m., FREE family-friendly activities, refreshments and resources

Interpretation and accommodations available upon request; please contact Donna Voss at (206) 233-5089 or by email at HazardMitigationPlanUpdate@seattle.gov

Your answers will help City decision makers identify the best methods to reduce the risks from hazards on our community.

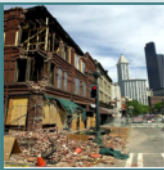
What is the planning process?
A Mitigation Work Group, including Seattle departments and other emergency managers, will guide the plan update. Elements of the planning process include:

- Identifying hazards and assessing risks
- Choosing mitigation strategies, goals, actions, and projects
- Including community input
- Obtaining State and Federal approval

Need More Information?

- Visit the Seattle Office of Emergency Management website: www.seattle.gov/emergency/
- Contact Donna Voss, Project Manager, at (206) 233-5089 or by email at HazardMitigationPlanUpdate@seattle.gov
- See the Federal Emergency Management Agency's (FEMA) mitigation planning overview at www.fema.gov/hazard-mitigation-planning-overview

Earthquakes



Impacts:


- fallen bridges,
- falling brick walls,
- disrupted transportation, bus services,
- unlivable buildings and homes

Seattle Hazards, Impacts and Potential Mitigation to Reduce Impacts

What are hazard mitigation projects?
Projects to help protect Seattle's residents, homes, businesses, communities, and visitors from the effects of hazards:

- Construct safer buildings through stricter building codes
- Limiting development in hazard prone areas through land use planning and zoning
- Strengthen structure and facilities to minimize damages from high winds, earthquakes and flooding
- Bury vulnerable power lines
- Cut back vegetation
- Elevation / relocation of homes to reduce risk of flood damage
- Protection of special needs population through wiring and connection to generators
- Storm and infrastructure protective measures
- Storm water management improvements
- Stabilizing slopes to prevent landslides


Fires



Impacts:

- loss of home, business, contents


Windstorms



Impacts:

- fallen trees,
- power outages,
- food loss,
- blocked roads


Landslides



Impacts:

- damaged homes,
- homes in danger,
- streets blocked or lost


Floods



Impacts:

- water inside homes,
- blocked storm drains,
- flooded streets,
- sinkholes in roads


Snow and Ice Storms



Impacts:

icy roads, power outages, downed power, cable, telephone lines

Roads, Bridges, Water, Sewer, Power, Communication Systems, Internet Failures



Impacts:

- loss of communication,
- power out,
- lights do not turn on,
- longer driving routes to work, shopping, schools



MEDIA ADVISORY

FOR IMMEDIATE RELEASE

Contact: Donna Voss, Recovery and Mitigation Coordinator
Seattle Office of Emergency Management
206-233-5089

City of Seattle to Create Disaster “Wish List” Community Input Needed to Identify and Prioritize Projects

SEATTLE (March 18, 2014) – As any emergency manager will tell you, while we can’t stop disasters like earthquakes, winter storms and landslides from happening, we can do things to lessen or prevent the damage beforehand.

Seattle officials are writing a plan and need to hear from residents what they consider most important in reducing damage caused by natural and man-made disasters. For example, power outages can be reduced during ice and wind storms by burying vulnerable power lines or cutting back vegetation. Homes and businesses located in landslide zones or on vulnerable soils could be relocated or reinforced.

Community members have three ways to provide input:

- Attend a public meeting:

Tuesday April 8, 2014, 6 to 8:30 p.m.
Rainier Community Center
4600 – 38th Ave S, Seattle, WA 98118

Presentation begins at 7 p.m. Free family-friendly activities, refreshments and resources. Interpretation and accommodations available upon advance request to Donna Voss, Project Manager, at (206) 233-5089, or by email at: HazardMitigationPlanUpdate@seattle.gov.

- Fill out an online survey:
Go to: www.surveymonkey.com/s/SeaHazMitSurvey (opens March 25)
- Send comments by mail:
Mitigation Plan Update, Project Manager
Seattle Office of Emergency Management
105 5th Ave. South, Suite 300
Seattle, WA 98104



For more information, contact Donna Voss, Project Manager, at 206-233-5089 or e-mail:
HazardMitigationPlanUpdate@seattle.gov

Comments on the current plan and survey will be accepted from March 25 to April 23, 2014.
The City will share a draft of the plan in Fall, 2014.

###



EMAIL UPDATE

Subject: *Help Seattle Protect Our Community from Hazards – Public Comment Starts Today!*

Are you more concerned about a major earthquake or a winter storm? A tsunami or local flooding? A nuclear reactor meltdown or a traffic accident where hazardous materials are released? All of the above? In the Pacific Northwest, we face 18 different hazards both natural and man-made. The City is responsible for developing a plan to reduce risks, but needs help to develop a process that allows us to work together to reduce the impact and keep ourselves and our property safe. We need your help to create a plan that takes into account all of our needs and resources.

It is through our Hazard Mitigation Plan that we outline how we will reduce our vulnerability to the impacts of these disasters. This could include things like:

- Stabilizing slopes to prevent landslides.
- Evaluating buildings and strengthening them to allow them to withstand earthquakes.
- Identify areas in the city that flood during heavy rains and improve drainage.
- Teach families and neighborhoods how to protect their homes and families from the impacts of disaster.

The existing plan is being updated as part of the City's emergency management program. For more information or to review Seattle's existing plan please visit:

www.seattle.gov/emergency/prepare/mitigation/.

How can you help?

Our plan is only as good as the input we get. That means we need to hear from you! Please complete our [Disaster Mitigation Survey](#) (it will only take 5 minutes) by April 23, or attend our public meeting (details below). Surveys can be:

▪ **Submitted in-person at our upcoming public meeting:**

When: April 8, 2014 from 6 p.m. to 8:30 p.m.

Where: Rainier Community Center
4600 38th Avenue South
Seattle, WA 98118

Details: There will be a presentation at 7 p.m., family friendly booths and refreshments. Interpretation and accommodations are available upon advance request to Donna Voss, Project Manager, at 206-233-5089, or by email at:

HazardMitigationPlanUpdate@seattle.gov.



- **Emailed** to HazardMitigationPlanUpdate@seattle.gov
- **Filled out online** at www.surveymonkey.com/s/SeaHazMitSurvey
- **Mailed** to Mitigation Plan Update, Project Manager
Seattle Office of Emergency Management
105 5th Ave. South, Suite 300
Seattle, WA 98104

Thank you!

OEM appreciates your participation! As partners in updating the Hazard Mitigation Plan, we can think through and better prepare for the hazards we face together.

Questions?

For questions about Seattle's Hazard Mitigation Plan or the update process please contact Ms. Voss at (206) 233-5089 or HazardMitigationPlanUpdate@seattle.gov.



SOCIAL MEDIA POSTS

Blog:

How Should the City Spend Your Money on Hazard Reduction?

The City of Seattle is looking for your input on what hazards worry you most. Earthquakes, tsunamis, landslides, snow and ice storms, terrorism are just a few of the hazards that the City can experience. How should the City use limited financial resources to reduce the impacts from the City's natural and man-made hazards? There are many ways to reduce the impacts, such as regulations, slope stabilization, and public education. The Seattle Office of Emergency Management is updating the existing 2009 Hazard Mitigation Plan. We want to know what you think. There are three ways to tell us:

- **Complete** a fast and easy online survey: www.surveymonkey.com/s/SeaHazMitSurvey
- **Email** your thoughts to: HazardMitigationPlanUpdate@seattle.gov
- **Attend** a public meeting:
April 8, 2014 from 6 p.m. to 8:30 p.m.
Rainier Community Center, 4600 38th Ave. South
Seattle, WA 98118
- **Share** your thoughts with us by *April 23, 2014*.

What **you** think matters to us. With your participation we can identify the hazards we should plan for and take actions to reduce the impacts when the hazards strike.

Twitter:

Disaster Nightmares! Which hazards keep you up at night? What should we do about it? Tell us at <http://bit.ly/1j58jXF>



SEATTLE ELECTED OFFICIALS NOTIFICATION

From: [Voss, Donna](#)
To: [Seitz, Natalie](#)
Cc: [Sarah Brandt](#)
Subject: FW: HMP Update Briefing to MO and CC
Date: Tuesday, March 18, 2014 7:26:04 AM
Attachments: [2014-03-07.HMP.rooster.final.pdf](#)
[2014-03-10.HMP.Brochure.final.pdf](#)

Hello,

I believe the email below meets the requirements for notification of the Mayor and City Council of the Hazard Mitigation Plan Update activities.

Donna

From: Graff, Barb
Sent: Tuesday, March 18, 2014 6:57 AM
To: OEM_Mayor_And_Council_Members_Group
Cc: Voss, Donna; Nelson, Laurel; OEM_Staff; OEM_Strategic_Work_Group_of_DMC; Siu, Jon
Subject: FW: HMP Update Briefing to MO and CC

Mayor and Councilmembers

We are in the process of updating the City's Hazard Mitigation Plan and would like you to be aware that we are inviting the public to participate in that process from March 25 through April 23.

The City's Hazard Mitigation Plan identifies measures that the City plans to take to reduce or eliminate damages and their impacts to its facilities, citizens, visitors, businesses, and community members who live, work, and play here. The City's current plan was last revised and adopted by the City Council in 2009. In order to be eligible to receive federal grant funds for mitigation measures, the City must update their hazard mitigation plan every five years. In the past five years, the City has received \$3,006,018.62 in hazard mitigation grants. To maintain our eligibility to receive FEMA Hazard Mitigation grants, the plan must be updated in 2014.

The City received a Pre-Disaster Mitigation grant to fund the update of the Hazard Mitigation Plan. A working group has been established of representatives from City departments and the local community to work on the update of the plan along with a consultant.

A public meeting will be held on April 8, 2014 at the Rainier Community Center between 6:00 – 8:30 p.m. to gather input on the hazards the public believes are most important and seek ideas on acceptable types of mitigation. Public comment will be gathered at the public meeting and through a public survey, between March 25 – April 23, 2014. A public meeting will be held in the fall to introduce the draft plan.

For perspective, some of the projects we have funded with these grants include the seismic upgrading of our Parks Community Centers which are used as emergency shelters, installation of automatic natural gas shut off valves on 35 of the City's most critical buildings, and seismic strengthening of areaways in the Pioneer Square area.



If you have any questions or comments, please contact Donna Voss (filling in temporarily for Erika Lund as our Mitigation and Recovery Coordinator) at 233-5089, donna.voss@seattle.gov or myself.

Thank you for your ongoing support for the City's emergency management program.

Barb

Barb Graff

Director

City of Seattle Office of Emergency Management
105 Fifth Ave South, Suite 300, Seattle, WA 98104
O: 206-684-0437 | F: 206-684-5998 | barb.graff@seattle.gov
www.seattle.gov/emergency

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NOTIFICATION SENT TO SEATTLE'S OFFICE OF REFUGEE AND IMMIGRANT AFFAIRS

From: [Voss, Donna](#)
To: [Sarah Brandt](#); [Seitz, Natalie](#)
Subject: FW: Ethnic Media Availability
Date: Thursday, March 13, 2014 2:28:53 PM
Attachments: [2014-03-11.HMP.Press Release - final.docx](#)

Per your request.

From: Voss, Donna
Sent: Tuesday, March 11, 2014 4:39 PM
To: Rivera Martinez, Ivonne
Subject: RE: Ethnic Media Availability

Hello Ivonne,

Attached is a copy of the media advisory prepared to announce the City's undertaking of updating the mitigation plan and seeking comment from our residents. This advisory will be sent out to the general media on Tuesday, March 18, 2014.

If you have any questions or would like additional information, please let me know.

Thank you for your help with sharing this information.

Donna

Donna Voss
Recovery and Mitigation Coordinator
Seattle Office of Emergency Management
206-233-5089
Donna.Voss@seattle.gov

From: Rivera Martinez, Ivonne
Sent: Wednesday, February 26, 2014 4:59 PM
To: Voss, Donna
Subject: RE: Ethnic Media Availability

Hello Donna,

I will gladly add the information to our Friday Roundup. It would be great to have some time to discuss the outreach through ethnic media for the City's Hazard Mitigation Plan, let me know how next week looks for you, since a lot of ethnic media is weekly publications we need extra time to get them to run the story, so if we meet next week we will have plenty of time. I look forward to helping you with this. Thank you for reaching out,

Ivonne Rivera Martinez



NOTIFICATION SENT TO MEDIA OUTLETS

From: [Voss, Donna](#)
To: editor@crosscut.com; Scott_Maude; press@seattlemet.com; [KING 5 Assignment Desk](#); [KIRO TV](#); [KOMO TV](#); [King County FCC](#); [P-I City Desk](#); [Seattle Times Metro Desk](#); Jennifer@sightline.org; [Q13 News Tips](#)
Cc: [Seitz, Natalie](#); [Sarah Brandt](#); [OEM_HazardMitigationPlanUpdate](#)
Subject: Hazard Mitigation Plan Update Open House - April 8
Date: Friday, March 21, 2014 8:37:33 AM
Attachments: [2014-03-11_HMP_Press_Release_-_final.docx](#)

Seattle Office of Emergency Management is hosting an open house to seek comments on what are the City's worst hazards and what kind of mitigation actions would they support. We would appreciate your sharing this information with your news audience.

Any questions, please contact me.

Thank you,

Donna Voss

Donna Voss

Recovery and Mitigation Coordinator, [Office of Emergency Management](#)
City of Seattle | Seattle Police Department
105 5th Avenue South, Suite #300; Seattle, WA 98104
O: 206.233-5089 | F: 206.684-5998 | HazardMitigationPlanUpdate@seattle.gov

MEDIA ADVISORY FOR IMMEDIATE RELEASE

Contact: Donna Voss, Recovery and Mitigation Coordinator
Seattle Office of Emergency Management
206-233-5089

City of Seattle to Create Disaster "Wish List" Community Input Needed to Identify and Prioritize Projects

SEATTLE (March 20, 2014) – As any emergency manager will tell you, while we can't stop disasters like earthquakes, winter storms and landslides from happening, we can do things to lessen or prevent the damage beforehand.

Seattle officials are writing a plan and need to hear from residents what they consider most important in reducing damage caused by natural and man-made disasters. For example, power outages can be reduced during ice and wind storms by burying vulnerable power lines or cutting back vegetation. Homes and businesses located in landslide zones or on vulnerable soils could be relocated or reinforced.

Community members have three ways to provide input:

- Attend a public meeting:



Tuesday April 8, 2014, 6 to 8:30 p.m.
Rainier Community Center
4600 – 38th Ave S, Seattle, WA 98118

Presentation begins at 7 p.m. Free family-friendly activities, refreshments and resources. Interpretation and accommodations available upon advance request to Donna Voss, Project Manager, at (206) 233-5089, or by email at: HazardMitigationPlanUpdate@seattle.gov.

- Fill out an online survey:

Go to: www.surveymonkey.com/s/SeaHazMitSurvey (opens March 25)

- Send comments by mail:

Mitigation Plan Update, Project Manager
Seattle Office of Emergency Management
105 5th Ave. South, Suite 300
Seattle, WA 98104

For more information, contact Donna Voss, Project Manager, at 206-233-5089 or e-mail: HazardMitigationPlanUpdate@seattle.gov

Comments on the current plan and survey will be accepted from March 25 to April 23, 2014. The City will share a draft of the plan in Fall, 2014.

###

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LETTERS SENT TO TRIBES



City of Seattle
Seattle Police Department

March 19, 2014

The Honorable Carolyn Lubenau
Chairwoman
Snoqualmie Tribe
Post Office Box 969
8139 Railroad Avenue Southeast
Snoqualmie, WA 98065

Re: Seattle Hazard Mitigation Plan Update – Invitation to Participate

Dear Chairwoman Lubenau:

Seattle's Office of Emergency Management (OEM) is currently updating the City's Hazard Mitigation Plan (HMP), and respectfully invites your Council and members to participate. Everyone who lives, works, or visits Seattle can benefit from the updated hazard mitigation plan, which:

- Describes hazards to which the City is vulnerable, such as earthquakes, storms, and landslides;
- Identifies the people and facilities at risk; and
- Describes ways to prevent and minimize damage to life and property.

Seattle's efforts in this endeavor will be strengthened by Tribal participation to ensure that all community needs and priorities are reflected in the plan. We have enclosed an informational brochure and poster about how to participate in the process, and encourage you to contact us if you would like to be more actively involved or have any questions.

For additional information about the Seattle Hazard Mitigation Plan Update please visit our website at www.seattle.gov/emergency/prepare/mitigation/, or contact Donna Voss, Recovery and Mitigation Coordinator, at (206) 233-5089 or Donna.Voss@seattle.gov.

Sincerely,

Barb Graff, Director
Seattle Office of Emergency Management

Barb Graff, Director
Office of Emergency Management
Seattle Police Department
105 5thth Avenue South, Suite 300
Seattle, WA 98104

Tel (206) 684-0437
Fax (206) 684-5998



Enclosure: Seattle Hazard Mitigation Plan Brochure
Seattle Hazard Mitigation Plan Public Meeting Poster

cc: Donna Voss, Seattle OEM Project Manager
Nicole Willis, Seattle Tribal Liaison
Natalie Seitz, Consultant Team Manager
Project File



City of Seattle
Seattle Police Department

March 19, 2014

The Honorable Virginia Cross
Chairperson
Muckleshoot Indian Tribe
39015 127nd Avenue Southeast
Auburn, WA 98092

Re: Seattle Hazard Mitigation Plan Update – Invitation to Participate

Dear Chairperson Cross:

Seattle's Office of Emergency Management (OEM) is currently updating the City's Hazard Mitigation Plan (HMP), and respectfully invites your Council and members to participate. Everyone who lives, works, or visits Seattle can benefit from the updated hazard mitigation plan, which:

- Describes hazards to which the City is vulnerable, such as earthquakes, storms, and landslides;
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For additional information about the Seattle Hazard Mitigation Plan Update please visit our website at www.seattle.gov/emergency/prepare/mitigation/, or contact Donna Voss, Recovery and Mitigation Coordinator, at (206) 233-5089 or Donna.Voss@seattle.gov.

Sincerely,

Barb Graff, Director
Seattle Office of Emergency Management

Barb Graff, Director
Office of Emergency Management
Seattle Police Department
105 5th Avenue South, Suite 300
Seattle, WA 98104

Tel (206) 684-0437
Fax (206) 684-5998



Enclosure: Seattle Hazard Mitigation Plan Brochure
Seattle Hazard Mitigation Plan Public Meeting Poster

cc: Donna Voss, Seattle OEM Project Manager
Nicole Willis, Seattle Tribal Liaison
Natalie Seitz, Consultant Team Manager
Project File



City of Seattle
Seattle Police Department

March 19, 2014

The Honorable Leonard Forsman
Chairman
Suquamish Tribe
Post Office Box 498
Suquamish, WA 98392

Re: Seattle Hazard Mitigation Plan Update – Invitation to Participate

Dear Chairman Forsman:

Seattle's Office of Emergency Management (OEM) is currently updating the City's Hazard Mitigation Plan (HMP), and respectfully invites your Council and members to participate. Everyone who lives, works, or visits Seattle can benefit from the updated hazard mitigation plan, which:

- Describes hazards to which the City is vulnerable, such as earthquakes, storms, and landslides;
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For additional information about the Seattle Hazard Mitigation Plan Update please visit our website at www.seattle.gov/emergency/prepare/mitigation/, or contact Donna Voss, Recovery and Mitigation Coordinator, at (206) 233-5089 or Donna.Voss@seattle.gov.

Sincerely,

Barb Graff, Director
Seattle Office of Emergency Management

Barb Graff, Director
Office of Emergency Management
Seattle Police Department
105 5th Avenue South, Suite 300
Seattle, WA 98104

Tel (206) 684-0437
Fax (206) 684-5998



Enclosure: Seattle Hazard Mitigation Plan Brochure
Seattle Hazard Mitigation Plan Public Meeting Poster

cc: Donna Voss, Seattle OEM Project Manager
Nicole Willis, Seattle Tribal Liaison
Natalie Seitz, Consultant Team Manager
Project File



SAMPLE E-MAIL SENT TO STAKEHOLDERS IDENTIFIED IN ATTACHMENT B

From: [Voss, Donna](mailto:Voss_Donna)
To: Tracy.anderson@seattlechildrens.org; joans@aiaseattle.org; customerservice@uwkc.org; Charvat@uw.edu; publicsafetv@seattleu.edu; GCA@seattleu.edu; emergencyteam@spu.edu; tcorfen@spu.edu; conservation@seattleartmuseum.org; pr@seattleartmuseum.org; CHWWAInfo@redcross.org; amr.seattle@amr.net; info@crisisclinic.org; humanresources@psbc.org; info@nwhm.org; Kelmore_Ashley@Peter.tassoni@mil.va.gov; tim.cook@mil.va.gov; Kristen.myers@fema.dhs.gov; info@seattlechamber.com; contact@waroundtable.com; joncas_kate; davew@downtownseattle.org
Cc: [Seitz, Natalie](mailto:Seitz_Natalie); [Sarah Brandt](mailto:Sarah.Brandt)
Subject: Seattle Hazard Mitigation Plan Update - Open House and Public Comment
Date: Monday, March 24, 2014 2:54:10 PM
Attachments: [2014-03-12.HMP.poster.final.pdf](#)
[2014-03-20.HMP.Brochure.final.pdf](#)
[2014-03-20.HMP.social_media.final.docx](#)

The Seattle Office of Emergency Management is hosting a City-wide open house on April 8th to seek comments on what our community sees as the City's worst hazards and what kind of mitigation actions would they support. We would appreciate your sharing this information with your community members. Attached you will find a copy of a poster and brochures that are available. If you would be interested in posting this information and would like a poster or would be willing to have brochures to hand out, please let me know how many you need and I will provide them to you.

In addition, if you have a blog and/or twitter account and would be willing to share this information through these social media connections, I have included narrative for posting.

Comments may also be provided through the completion of the survey at: www.surveymonkey.com/s/SeaHazMitSurvey. Alternatively, comments may be submitted by email to: HazardMitigationPlanUpdate@seattle.gov or by direct mail to: HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle, WA 98104. The comment period is now open through April 23, 2014.

Thank you for considering this request and sharing the information. If you have any questions or need additional information, please do not hesitate to contact me.

Donna

Donna J. Voss
Recovery and Mitigation Coordinator, [Office of Emergency Management](#)
City of Seattle | Seattle Police Department
105 5th Avenue South, Suite #300; Seattle, WA 98104
O: 206.233-5089 | F: 206.684-5998 | ldonna.voss@seattle.gov

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OEM WEBSITE AND CALENDARS

Office of Emergency Management

Page 1 of 4

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seattle.gov

Office of Emergency Management

Disaster ready...prepared people, resilient community

Barb Graff, Director

Hazards | Preparedness | Programs & Services | Training & Events | Recovery | Publications



Welcome to the Seattle Office of Emergency Management!



During an emergency, go to www.seattle.gov for the latest information.

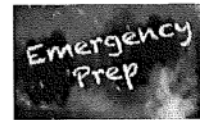
Emergency: Dial 911
Non-Emergency Police: 206-625-5011
Non-Emergency Fire: 206-386-1400



The Seattle Office of Emergency Management partners with the community to prepare for, respond to, and recover from disasters. Explore our [Preparedness](#), [Recovery](#), [Programs & Services](#), and [Hazards](#) sections for up-to-date information and news. For a schedule of classes and other preparedness activities, see our [event calendar](#).



We want to [hear](#) your comments, complaints, and any commendations so we can make this a better site.



Fun Preparedness Videos



[Sign up](#) to be on our monthly distribution list for the latest in emergency preparedness news and information.

Upcoming Events:

Hot Topics

Seattle's 2014 Hazard Mitigation Plan Update

Tell us what you think!

Earthquakes, Tsunamis, Landslides, Winter Storms, Wind Storms, Power Outages, Volcanic Eruptions – these are just the tip of the iceberg for risks we face in our area. The City is responsible for planning for all of our 18 hazards, but cannot do that without your help.

Tell us what hazards concern you the most and how you think we should prioritize our activities to make our buildings and infrastructure safer. We have three ways for you to do this:

1. **Complete** a fast and easy online survey: www.surveymonkey.com/s/SeaHazMitSurvey
2. **Email** your thoughts to: HazardMitigationPlanUpdate@seattle.gov
3. **Attend** a public meeting:
April 8, 2014 from 6 p.m. to 8:30 p.m.
Rainier Community Center, 4600 38th Ave. South
Seattle, WA 98118

Share your thoughts with us between March 25 - April 23, 2014.

HOT LINKS


- [The SNAP Program](#)
- [Emergency Resources](#)
- [Public School Closures](#)
- [Regional Public Information Network](#)
- [City News Releases](#)
- [Traffic in Seattle](#)
- [Seattle.gov Home Page](#)
- [Seattle Channel on Cable TV Channel 21](#)

<http://www.seattle.gov/emergency/>

3/20/2014



Seattle.gov - Community - Event Calendar



[New! My.Seattle.Gov](#)

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SEATTLE**

**CITY
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DEPARTMENTS**

Need Help? Give Us a Call.
206-684-CITY(2489)

Seattle.gov Home / Living / Event Calendar

- ▶ Animals and Pets
- ▶ Arts
- ▶ Community
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- ▼ **Event Calendar**
- Submit Events
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- Help
- Other City Calendars
- City Event Facilities
- ▶ Human Services
- ▶ Parks and Recreation
- ▶ Public Safety and Courts
- ▶ Transportation
- ▶ Utilities
- ▶ Volunteer and Donate
- ▶ Your Government

EVENT CALENDAR


Table List Detail List - Description Month Map

← [Return to Main Calendar](#)

Hazard Mitigation Plan Open House

DATE	Tuesday, April 8, 2014, 6 – 8:30pm
LOCATION	Rainier Community Center 4600 38th Ave S Seattle, WA 98118
BUILDING/ROOM #	Multi-Purpose Room
NEIGHBORHOODS	Citywide
EVENT TYPE S	Community, Public Safety
AUDIENCE	Adults, All, Family, Senior, Teen
SPONSORING ORGANIZATION	Office of Emergency Management
CONTACT	Donna Voss, Recovery and Mitigation Coordinator
CONTACT PHONE	206-233-5089
CONTACT FAX	206-684-5998
CONTACT EMAIL	donna.voss@seattle.gov
PRE-REGISTER	No
COST	Free
EVENT DESCRIPTION	<p>How Should the City Spend Your Money on Hazard Reduction?</p> <p>The City of Seattle is looking for your input on what hazards worry you most. Earthquakes, tsunamis, landslides, snow and ice storms, terrorism are just a few of the hazards that the City can experience. How should the City use limited financial resources to reduce the impacts from the City's natural and man-made hazards? There are many ways to reduce the impacts, such as regulations, slope stabilization, and public education. The Seattle Office of Emergency Management is updating the existing 2009 Hazard Mitigation Plan. We want to know what you think.</p>

MORE INFO ON THE WEB www.seattle.gov...



View Full Map

Other Event Actions ...

April 2014

S	M	T	W	T	F	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Keywords

Location

within miles of

Examples: 98104, Seattle City Hall or 600 4th Ave, Seattle

Audience

Adults

All

Children

Family

Pets

Senior

Select: All, None

Neighborhoods

Alki/Admiral

Arbor Heights

Ballard

Beacon Hill

Belltown

Downtown/Center City

Select: All, None

Calendar Categories

City-Wide

All DPD Public Events & Meetings

Public Meetings

Workshops & Special Events

Animal Shelter

Adult & Senior Centers

Select: All, None

Event Types

Arts

Boards & Commissions

Boating

Business/Trade

City Council Meeting

Community Meetings

Select: All, None

http://www.seattle.gov/calendar/[3/28/2014 11:07:37 A.M.]



SAMPLE SOCIAL MEDIA AND RE-POSTS OF OUTREACH INFORMATION

AbdurRahman Ali

Mitigation **Preparedness**

Emergency Management

AbdurRahman Ali

Studied at South Seattle Community College, Seattle, WA
Past: West Seattle High School

Lives in Seattle, Washington

From Seattle, Washington

March 21 · Edited

*In Person Family Friendly Open House input for EMERGENCY PREPAREDNESS
Tuesday, April 8, 2014 6:00 – 8:30 p.m. Presentation at 7:00 p.m.
Rainier Community Center
4600 38th Ave. South, Seattle
Refreshments and FREE Resources
Accessible by Transit Routes: 7, 9, 50, 987 *People who have concerns about how a major disaster could affect their community can provide input to a citywide hazard mitigation ... See More

Asalamu Alaikum This is our new page for Emergency Management Alerts please add a star next to AbdurRahman Ali > We will be building a group of Islamic Organizations and Mosques to stay in contact for Emergency Management Updates and Alerts. Muslim Brs and Srs (Volunteers) in Emergency Management will be posting. <http://www.kingcounty.gov/safety/prepare.aspx>

A PLAN King County Office of Emergency Management
www.kingcounty.gov

BUILD A KIT Prepare home page.

HELP Call 206.467.4242

<https://www.facebook.com/abdurrahman.ali.338/>[3/28/2014 1:57:50 PM]



Building Connections » How Should the City Spend Your Money on Hazard Reduction?

Departments | Services | Staff Directory

seattle.gov

Department of Planning and Development

BuildingConnections
Department of Planning and Development news and events

CityLink Seattle
Your City, Right Now

Citylink.Seattle.gov

« Previous post | [Building Connections Home Page](#) | Next post »

How Should the City Spend Your Money on Hazard Reduction?

The City of Seattle is looking for your input on what hazards worry you most. Earthquakes, tsunamis, landslides, snow and ice storms, terrorism are just a few of the hazards that the City can experience. How should the City use limited financial resources to reduce the impacts from the City's natural and man-made hazards? There are many ways to reduce the impacts, such as regulations, slope stabilization, and public education. The Seattle Office of Emergency Management is updating the existing 2009 Hazard Mitigation Plan. We want to know what you think. There are three ways to tell us:

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www.surveymonkey.com/s/SeaHazMitSurvey
- **Email** your thoughts to: HazardMitigationPlanUpdate@seattle.gov
- **Attend** a public meeting:
April 8, 2014 from 6 p.m. to 8:30 p.m.
Rainier Community Center, 4600 38th Ave. South
Seattle, WA 98118
- **Share** your thoughts with us by **April 23, 2014**.

What **you** think matters to us. With your participation we can identify the hazards we should plan for and take actions to reduce the impacts when the hazards strike.

Email Share This Like

Posted: March 31st, 2014 under [Building Connections](#), [Customer Alerts](#), [dpdINFO Newsletter](#).
Tags: [emergency management](#), [hazard reduction](#), [public comment](#)

« Previous post | [Building Connections Home Page](#) | Next post »

Search Building Connections

Categories

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- dpdINFO Newsletter (RSS)
- Green Building (RSS)
- Long-Range Planning (RSS)
- Permit Pipeline Newsletter (RSS)
- Planning Commission (RSS)
- Top News Stories (RSS)

March 2014

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

« Feb

CityLink Seattle

- Art Beat
- At Your Service
- Bottom Line
- BuildingConnections
- Center Spotlight
- Fire Line
- Mayor Murray's Blog
- On The Move
- Parkways
- Power Lines
- SPD Blotter
- The Scoop

<http://buildingconnections.seattle.gov/2014/03/31/how-should-the-city-spend-your-money-on-hazard-reduction/>[4/2/2014 8:44:59 AM]



[Karen Berge posted in West Seattle Be Prepared](#)



[Karen Berge](#)

12:16pm Mar 23

Here's an opportunity to weigh in on city spending to reduce hazards. What are your concerns and priorities?



[What are your opinions and ideas about hazard reduction?](#)

westseattlebeprepared.wordpress.com

We received the following this week from the Seattle Office of Emergency Management. How Should the ...



North Beacon Hill Council shared your photo.

How should Seattle prepare for disasters? What kind of disaster worries you most?



We want to hear from you about how the city of Seattle should spend your money on hazard reduction and what types of disasters worry you most. The information will be used to update the city's Hazard Mitigation Plan. Learn how to provide input under Hot Topics: www.seattle.gov/emergency/

Like · Comment · Share · March 24 at 8:43pm · 🌐



Write a comment...

Press Enter to post.



Attachment B – List of stakeholders and public notifications

- City of Seattle departments and offices
 - City Budget Office
 - Department of Neighborhoods
 - Planning and Development
 - Parks and Recreation
 - Finance and Administrative Services
 - Economic Development
 - Transportation
 - Information Technology
 - Office of Emergency Management
 - Office of Intergovernmental Relations (OIR)
 - Sustainability and Environment

- Neighboring communities
 - Bainbridge Island
 - Bellevue
 - Bremerton Fire Department
 - Kitsap County Department of Emergency Management
 - Burien Regional Preparedness: Burien, Des Moines, Normandy Park, SeaTac
 - City of Burien
 - Lake Forest Park
 - Mercer Island
 - Renton
 - Shoreline
 - Tukwila
 - King County
 - Kitsap County
 - Washington State

- Emergency Service Providers
 - Seattle Fire Department
 - Seattle Police Department
 - American Red Cross
 - American Medical Response
 - King County Crisis Clinic
 - King County EMAC/Region 6 Homeland Security Council
 - Puget Sound Blood Center
 - Northwest Healthcare Response Network



- Transportation and transit agencies
 - Washington State Department of Transportation (WSDOT)
 - King County Metro
 - Sound Transit
 - Community Transit
 - Port of Seattle

- Public utilities
 - Seattle Public Utilities
 - Seattle City Light
 - Puget Sound Energy
 - CleanScapes

- Neighborhood and community organizations
 - City of Seattle Neighborhood Councils
 - City of Seattle District Councils
 - Seattle Community Emergency Response Team
 - Seattle Children's Hospital Emergency Response Team
 - American Institute of Architects Seattle Disaster Preparedness & Response (DP&R)
 - Seattle Neighborhoods Actively Prepare (SNAP) listserv (4,700 subscribers)

- Non-profit organization/ vulnerable populations
 - United Way of King County
 - Community and faith-based organizations

- School districts and higher education institutions
 - Seattle Public Schools
 - University of Washington
 - Seattle University
 - Seattle Pacific University
 - Seattle Community Colleges

- Businesses and employers
 - Seattle Metropolitan Chamber of Commerce
 - Washington Roundtable
 - Downtown Seattle Association (DSA)
 - Metropolitan Improvement District (MID)
 - Commute Seattle



- Seattle Center
- BECU

- Contacts associated with the following complimentary/ parallel processes
 - Seattle Disaster Recovery Planning process
 - King County Regional Hazard Mitigation Process
 - King County Recovery Planning process
 - OEM Emergency Support Function listserv

- Tribal nations
 - Muckleshoot Indian Tribe
 - Snoqualmie Tribe
 - Suquamish Tribe

- Cultural institutions
 - Seattle Art Museum
 - Seattle Public Libraries
 - Seattle Historic Districts

- State and federal regulatory agencies
 - Washington State Department of Ecology
 - Washington State Military Department
 - Federal Emergency Management Agency

- Public Health
 - Seattle and King County Public Health Department
 - City of Seattle Human Services Department (HSD)

- Weather and geological information
 - NOAA – Seattle Weather Forecast Office
 - USGS Earthquake Hazards Program
 - Pacific Northwest Seismograph Network Stakeholder coordination



Attachment C – Public meeting sign-in sheet and display boards

Below are the sign-in sheet and images of the posters used to gather feedback at the public meeting:



Please Print

Name	Address	E-mail
1. Julie Newhart	1526 E. McGraw St	jnewhart@comcast.net
2. Giovanna White	3221-36 th Ave S Sea WA 98144	giovanna.white@gmail.com
3. Brandon Clark	85 Pike St Seattle WA	brandon@phosphor.com
4. James Gray		
5. Jayme Fofu	3751 S 24 th RD KENT, WA	JMFOFU@GMAIL.COM
6. + Gentleman in green shirt		
7. Taenic Gates	4200 Aves Adams St	Taenicg@yahoo.com
8. Katon, Bro		
9. Cindy Bridges	South Seattle	
10. michelle moore	4929 55 th Ave S Seattle	michelle.mareta@yahoo.com
11. Jill Bare mef	12006 Fremont Ave N Seattle 98133	Jill.bare@mef.com
12. Abel Schuehlien	7706 th Chicago Ct S	SchuehlienAbel@yahoo.com



Hazard Mitigation Plan Update Sign In Sheet
Public Meeting, April 8, 2014

Please Print

	Name	Address	E-mail
1.	Wesson	2113 South Andover St	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			









What Are Your Worst Hazard Nightmares? • Use Blue dots here!

Hazards	Place Dot Here	Count
Earthquake	9 blue dots	9
Landslide	2 blue dots	2
Tsunami and Seiches <small>(Seiches are slashing waves that occur in an enclosed water body after an earthquake such as Lake Union)</small>	1 blue dot	1
Volcanic Eruptions and Mud Flows	1 blue dot	1
Civil Disorder	2 blue dots	2
Terrorism	1 blue dot	1
Active Shooter	3 dots (1 orange, 2 blue)	3
Transportation Incidents	1 blue dot	1
Fires	2 blue dots	2
Hazardous Materials Incidents	3 blue dots	3
Excessive Heat	0 dots	0
Floods	3 blue dots	3
Snow and Ice Storms	1 blue dot	1
Water Shortages	1 blue dot	1
Wind Storms	2 blue dots	2
Infrastructure/Cyber	2 blue dots	2
Power Outages	1 blue dot	1
Disease Outbreaks	1 blue dot	1

City of Seattle Hazard Mitigation Plan Update

Where Do You Want the City to Spend Their Mitigation Dollars?

Prevention	Property Mitigation	Public Education and Awareness	Natural Resource Protection	Emergency Services	Structural Projects
Stops developers from using unsafe building methods or building in areas that are high risk. <i>Examples:</i> Planning, zoning, building codes and environmental critical areas	Encourages property owners to reduce risks in their homes or office buildings. <i>Example:</i> Installation of gas shutoff valves and bolt foundations to walls in homes and businesses	Provides information that helps citizens protect themselves and their property. <i>Examples:</i> SNAP: Seattle Neighborhoods Actively Prepare, HUB Program, Skills Training, CERT: Community Emergency Response Teams	Reduces hazards by restoring natural habitats that can help limit impacts. <i>Example:</i> Stream corridor restoration that helps minimize flooding during major storms	Protects citizens and property during and after a disaster. <i>Example:</i> Warning systems, evacuation planning, and emergency response training	Build infrastructure that helps prevent or reduce hazards. <i>Example:</i> Storm sewers to reduce flooding, seawalls, retaining walls to prevent landslides, and elevation of utilities
 <small>Courtesy of Washington Department of Natural Resources</small> Landslide located within a Liquefaction Zone and Pete Settlement Prone environmental critical area in Rainier Avenue South	 <small>Photo Credit: Laurel Messer</small> Seismic retrofit of the Jefferson Community Center	 <small>Courtesy of Seattle CEM</small> Ballard Prepares Event 2013	 <small>Courtesy of Seattle Municipal Archives, Item No. 100606</small> Piper's Creek Restoration	 <small>Courtesy of Seattle CEM</small> 2012 Snow Activation	 <small>Photo Credit: Seattle Department of Transportation</small> Completion of a retaining wall at Ferry Avenue SW and California Way
Place Dot Below:					
8 3		6	5	7	3
Use orange dots here!					



Attachment D – Documentation of Outreach at other emergency planning events

This attachment contains documentation supporting stakeholder outreach at the ESF-6 Mass Care, Housing, Human Services Meeting, regional Communications Academy and the Disaster Management Committee Meeting.



Contact Report

In Person *Telephone* *Other:*

Organization: ESF-6 Mass Care, Housing, Human Services and Other Interested Partners

Address: "Click here and type complete address including zip code"

Person Contacted: Jill Watson, Emergency Management Planner, Seattle Human Services Department

Phone Number: 206.684.7788

E-mail: jill.watson@seattle.gov

From: Donna Voss

To: Natalie Seitz

Date: Tuesday, March 18, 2014

Subject: Hazard Mitigation Plan Update

CC:

Discussion:

At the March 18, 2014 meeting of the ESF-6 Mass Care, Housing, Human Services and Other Interested Partners meeting, Jill Watson shared information on the Hazard Mitigation Plan Update process. Copies of the brochure were provided to the 15 attendees. They were encouraged to complete the survey which was expected to be online on Thursday, March 20th.



Contact Report

In Person *Telephone* *Other: Communications Academy*

Organization: Communications Academy

Address: South Seattle Community College, 6000 16th Ave SW, Seattle, WA 98106

Person Contacted: Not Applicable

Phone Number: Not Applicable

E-mail: Not Applicable

From: Mark Sheppard

To: Natalie Seitz

Date: March 22 – 23, 2014

Subject: Distribution of Hazard Mitigation Plan Update Public Comment Materials

CC: Donna Voss

Discussion:

On March 22 – 23, 2014, a regional Communications Academy was held with attendees from Washington, Oregon, and Western Canada. This academy is for volunteer communicators, such as ham operators who assist during emergency situations.

Mark Sheppard attended and provided brochures on public comment being accepted on the update of the City's Hazard Mitigation Plan. Although, Mark was unable to stay for much of the event, due to being deployed to assist with the 530 Landslide in Snohomish County on March 22nd, 67 brochures were picked up.

Action Items: None



**Seattle Office of Emergency Management
Disaster Management Committee (DMC) Meeting – March 27, 2014**



Office of Emergency Management (OEM) Director's Report – Barb Graff
As a new feature for this year's DMC meetings, we will kick-off each meeting with a 5 minute report-out by our OEM Director.



ACTION – Regional Coordination Framework Member Vote – Barb Graff

King County regional public, private and nonprofit partners have completed the transition of the former Regional Disaster Plan to a new and updated 'Regional Coordination Framework for Disasters and Planned Events in King County.' This Framework is ready for partnering organizations and agencies to sign-on. We would like DMC endorsement to recommend Mayor Murray's signatory to this Framework and associated Agreement. You can view and download these key documents at: <http://www.kingcounty.gov/safety/prepare/EmergencyManagementProfessionals/Plans/RegCoordFramework.aspx>



Risk Analysis Project Brief – TJ McDonald

Over the last several months, TJ has been focused on a 'Risk Analysis' project critical to the work to update the Hazard Mitigation Plan and be incorporated into the SHIVA – Seattle Hazard Identification & Vulnerability Analysis document. TJ will provide us an overview of this work.



Hazard Mitigation Plan Update Process – Donna Voss

Donna will introduce the Hazard Mitigation Plan Update process the City is embarking on. She will also be seeking input for the planning process from the DMC participants through the completion of a brief survey. **EOC position computers will be setup and available for participants to complete the online survey.**

Please join us on **Thursday, March 27th at 10:30 AM to 12:00 PM** (at the Seattle EOC, 105 5th Avenue South).



What's Coming Up in future DMCs... (Mark your calendars!)

- April 24th
- May 24th
- June 22nd



Seattle
Emergency Management
Seattle Office of Emergency Management
Disaster Management Committee (DMC) Meeting

City of Seattle	Name	SIGN - IN
City Light (SCL)	Jerry Koenig	<i>[Signature]</i>
City Budget Office (CBO)	Candice Livingston	
Office of Economic Development (OED)	Karl Stickle	
Finance & Admin Services (FAS)	Elenka Jarolimek	
	<i>Margaret Ceseña</i>	<i>Margaret Ceseña</i>
Seattle Fire Dept. (SFD)	J. Havner	
Office of Housing (OH)	Joanne Quinn	
Human Services Department (HSD)	Jill Watson	
	Wendy Holman	
	Judy Summerfield	
	Bill Sanders	
Dept. of Info & Technology (DoIT)	Vicki Wills	
Office of Intergovernmental Relations (OIR)		
City Attorney (LAW).	Bill McGillin <i>Joe Grosky</i>	<i>[Signature]</i>
	Marcia Nelson	<i>[Signature]</i>
Legislative Department	Monica Simmons	
	<i>Christie Villa</i>	<i>[Signature]</i>
Parks & Recreation (DPR)	Patti Petesch	<i>[Signature]</i>
Personnel (PER)		
Seattle Police Dept.	Bill Wolak	



**Seattle Office of Emergency Management
Disaster Management Committee (DMC) Meeting**

Seattle Public Library (LIB)		
Dept. of Neighborhoods	Bernie Matsuno Sarah Sodt	
Office of Sustainability & Environment	Tracy Morgenstern	
Seattle Center	Tony Lucero	
Seattle Public Utilities	Ned Worcester	<i>NW</i>
Seattle Dept. of Transportation	Lawrence Eichhorn Patti Quirk	<i>[Signature]</i>
Office of Emergency Management	Barb Graff	<i>[Signature]</i>
	Laurel Nelson	
	Debbie Goetz	<i>[Signature]</i>
	JoAnn Jordan	
	Lise Kaye	
	Nancy Kodani-Lee	
	Donna Voss	<i>[Signature]</i>
	TJ McDonald	
	Michell Mouton	
	Ken Neafcy	
	Diane Newman	
Grant Tietje		
Cathy Wenderoth		



Seattle
Emergency Management
**Seattle Office of Emergency Management
Disaster Management Committee (DMC) Meeting**

AGENCIES / Businesses/and Organizations (NON-city dept).		
	Name	Signature
King County Emergency Management		
Public Health - Seattle/King Co.	Ashley Kelmore	
	Ali Jaffe-Doty	<i>Ali Jaffe-Doty</i>
	<i>Anna Sumpster</i>	
Northwestern University	Stephanie Pure	
	Anne Marie Jacobson	<i>Anne Marie Jacobson</i>
Pemco	Brenda Oberto	
Seattle Public Schools	Pegi McEvoy	<i>Pegi McEvoy</i>
Seattle Steam		
Univ. of Washington	Steve Charvet	
Virginia Mason	Craig Gruber <i>NORTHWESTERN UNIV.</i>	<i>Craig Gruber</i>
	Chris Johnson	
	<i>Michael Nes</i>	
<i>Washington 1st/PCU</i>	<i>Mat McBride</i>	<i>Mat McBride</i>



C-3 Public Comment Period 2



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Appendix C-3 Public Comment Summary, Fall 2014

Updated: December 19, 2014

1. Introduction

The City of Seattle Office of Emergency Management (OEM) is currently updating the City's Hazard Mitigation Plan (HMP). A critical component of the update effort is a robust stakeholder engagement process that provides "an opportunity for the public to comment on the plan during the drafting stage and prior to plan approval" (44 Code of Federal Regulations [CFR] §201.6). To meet this requirement, OEM designated a public comment period in fall 2014. From September 5 to October 3, stakeholders and the public were invited to review the draft Seattle HMP and provide feedback on the document. Public involvement tools and events included posting the plan for review on OEM's public website, sending notifications to key stakeholders and listservs that reached thousands of members of the public interested in emergency preparedness and response; development of a "jump start" presentation designed to support the public in understanding the plan document and providing feedback; and presenting the draft plan for review at other City planning events including the City Disaster Management Committee and Emergency Executive Board.

This appendix includes documentation of the notifications and outreach efforts to meet the requirements of the Federal Emergency Management Agency Checklist criteria A2 and A3 [44 CFR §201.6(b) (1) and (2)] and that are in accordance with Inclusive Outreach and Public Engagement Plan.

2. Plan Posted on OEM Website

The draft Seattle HMP was posted on the OEM website for the entirety of the public comment period at www.seattle.gov/emergency.

3. Notifications

OEM issued notifications to the public as well as elected officials regarding the Seattle HMP Update and opportunities to provide input using emails, press releases, letters, posters, brochures, and calendar postings. Social media text was also available for key stakeholders, including Mitigation Work Group members, who offered to notify their constituents via their own accounts and communication tools. Documentation of these notifications is provided in Attachment A.

- **E-mail Notifications:** OEM utilized a variety of listservs and e-mail groups to communicate the availability of the mitigation plan to a large number of Seattle residents. These notifications included:



- ESF 6 E-Mail List
- SNAP E-Mail List
- Regional Partners
- **Web Notifications:** In addition to posting the plan on the OEM website, web notifications were provided on the Seattle main web page, the OEM blog, and the DPD blog (Building Connections).
- **“Jump-Start” Presentation:** OEM developed a companion presentation to accompany the mitigation plan that guided the public and other plan reviewers through highlights of the mitigation plan and how to provide comment. The presentation is provided in Attachment C.



Attachment A – E-Mail Notifications

1. E-Mail/Blog and Social Media Notifications Text
2. Emergency Support Function 6 Group Notification
3. Regional Partners Notification
4. SNAP Notification



Seattle HMP Update Notifications

Updated Sept. 4, 2014

Email / Blurb text

Subject: What is Seattle doing to reduce hazard risks? Review their plan!

We want to hear from you! The Seattle Office of Emergency Management has released the draft update to the Seattle All-Hazards Mitigation Plan for public review. The updated plan has incorporated community input collected this spring to help identify hazards, assess risks, and select mitigation strategies. The resulting 'blue print' will help guide future mitigation planning in the city.

For access to the plan and a jump-start presentation to help guide your review, please visit the Seattle Office of Emergency Management website: www.seattle.gov/emergency. This plan will be available for review from September 5 to October 3, 2014.

Please submit your comments by October 3, 2014:

- By email to hazardmitigationplanupdate@seattle.gov
- By direct mail to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

What you think matters to us. With your participation we can best plan for hazards and take actions to reduce the impacts when hazards strike. Thank you!

MWG Member email

Mitigation Working Group Member,

Thank you for your continued participation in the Mitigation Working Group – we appreciate your help! Through your efforts, the Seattle Office of Emergency Management is pleased to release the draft update of the Seattle All-Hazards Mitigation Plan for public review. Our public comment period will conclude on October 3, and we ask that you also provide your feedback by that deadline. We will have time to discuss your initial feedback at the Sept. 16 meeting, as well.

We had great success leveraging your communications platforms during our spring outreach effort, and would like to ask for your help again as we spread the word about this public review and comment period. I've attached a narrative blog post and social media post to help you share information about the opportunity to comment on the draft Seattle All-Hazards Mitigation Plan. Please use your regular avenues of outreach to encourage community members to provide input.

For access to the plan and a jump-start presentation to help guide public review, please visit the Seattle Office of Emergency Management website: www.seattle.gov/emergency. As noted above, this plan will be available for public review from September 5 to October 3, 2014.



Thank you for considering this request and sharing information with your constituents. If you have any questions or need additional information, please do not hesitate to contact me.

Blog post

The City wants to hear from you about how they are planning to mitigate hazards! The draft update to the Seattle All-Hazards Mitigation Plan is available for public review. This plan will serve as a 'blue print' and help guide future mitigation planning in the city. Your feedback is critical to ensuring that the updated plan reflects the needs and priorities of those who work, live, and play in Seattle. The plan was updated based on public feedback heard this spring, including a community survey completed by more than 700 people.

What does the plan do?

- Serves as a guiding document for future mitigation planning efforts
- Identifies potential hazards and risks
- Identifies actions that the City and community can take to reduce the impact of hazards
- Establishes a process for implementing the plan

How can you comment?

Click [here](#) to access the draft update and a jump-start presentation to help guide your review.

- **Email** your comments to hazardmitigationplanupdate@seattle.gov
- **Mail** your comments to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

Comments will be accepted through October 3, 2014.

Twitter / Facebook text

Facebook: The City of Seattle wants to hear from you! The city has just released an updated draft of the Seattle All-Hazards Mitigation Plan, which will serve as a 'blueprint' and help guide future mitigation planning efforts. The plan is available for review and comment until October 3. Click [here](#) for more information.

Twitter: What's Seattle proposing to reduce your hazard risks? Review the [plan](#)! #SeattleHazardPlan



ESF 6 Notification

Lieuallen, Matthew

From: Lund, Erika <Erika.Lund@seattle.gov>
Sent: Tuesday, September 23, 2014 3:31 PM
To: Lieuallen, Matthew
Subject: FW: What is Seattle doing to reduce hazard risks? Review our plan!

Hi Matthew,

For the distribution documentation. FYI, the Emergency Support Function (ESF) 6 -- Mass Care, Housing and Human Services -- list is 150 + people and Jill sends out information under a bcc.

Erika



Erika Lund

Recovery and Mitigation Coordinator, Office of Emergency Management
City of Seattle | Seattle Police Department
105 5th Avenue South, Suite #300; Seattle, WA 98104.
O: 206.233-5089 | M: 206.465-7015 | F: 206.684-5998 | erika.lund@seattle.gov

From: Watson, Jill
Sent: Tuesday, September 23, 2014 3:14 PM
To: Watson, Jill
Subject: FW: What is Seattle doing to reduce hazard risks? Review our plan!

To: ESF-6 Group

Please see below for an opportunity to provide input to the Seattle All-Hazards Mitigation Plan draft. It is available for review until **October 3**. Also provided is a PowerPoint (jump-start) overview that explains the purpose of the plan and why it's important. Your input is welcome!

Jill Watson
Emergency Management Planner
Seattle Human Services Department
Office: 206.684.7788 | Mobile: 206.396.1321 | jill.watson@seattle.gov

From: Lund, Erika
Sent: Tuesday, September 23, 2014 2:55 PM
To: Watson, Jill
Subject: What is Seattle doing to reduce hazard risks? Review our plan!

We want to hear from you! The Seattle Office of Emergency Management has released the draft update to the Seattle All-Hazards Mitigation Plan for public review. The updated plan has incorporated community input collected this spring to help identify hazards, assess risks, and select mitigation strategies. The resulting 'blue print' will help guide future mitigation planning in the city.

For access to the **plan** and a **jump-start presentation** to help guide your review, please visit the Seattle Office of Emergency Management website: www.seattle.gov/emergency. This plan will be available for review from September 5 to October, 3 2014.



Please submit your comments by October 3, 2014:

- By email to hazardmitigationplanupdate@seattle.gov
- By direct mail to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

What you think matters to us. With your participation we can best plan for hazards and take actions to reduce the impacts when hazards strike. Thank you!



Erika Lund

Recovery and Mitigation Coordinator, Office of Emergency Management

City of Seattle | Seattle Police Department

105 5th Avenue South, Suite #300; Seattle, WA 98104

O: 206.233-5089 | M: 206.465-7015 | F: 206.684-5998 | erika.lund@seattle.gov

Message scanned by the Symantec Email Security service. If you suspect that this email is actually spam, please send it as an ATTACHMENT to spamsample@message labs.com



Regional Partner Notification

Lieuallen, Matthew

From: Lund, Erika <Erika.Lund@seattle.gov>
Sent: Thursday, September 11, 2014 12:06 PM
To: policedept@ci.bainbridge-isl.wa.us; Imeyers@bellevuewa.gov;
al.duke@ci.bremerton.wa.us; dem@kitsapdem.org; craigk@burienwa.gov;
steveb@burienwa.gov; chandra@esca1.com; jennifer.franklin@mercergov.org; Harris,
Gail; eoc@tukwilawa.gov; michelle.chatterton@kingcounty.gov;
Janice.Rahman@kingcounty.gov; Dara.Salmon@co.snohomish.wa.us; Ryan, Mike; Reed,
Ed; pceoc@co.pierce.wa.us; dneedham@rentonwa.gov
Cc: Cook, Tim (MIL) (Tim.Cook@mil.wa.gov); Tassoni, Peter (MIL); Graff, Barb; Nelson, Laurel
Subject: Neighboring jurisdictions: What is Seattle doing to reduce hazard risks? Review our
plan!

To our regional colleagues,

Please see the announcement below regarding the draft update of the Seattle All-Hazards Mitigation Plan. Apologies for any duplicate messages.

Mike Ryan & Ed Reed – can you please forward this e-mail to the Zone One and Zone Three cities lists?

Thanks, Erika

We want to hear from you! The Seattle Office of Emergency Management has released the draft update to the Seattle All-Hazards Mitigation Plan for public review. The updated plan has incorporated community input collected this spring to help identify hazards, assess risks, and select mitigation strategies. The resulting 'blue print' will help guide future mitigation planning in the city.

For access to the **plan** and a **jump-start presentation** to help guide your review, please visit the Seattle Office of Emergency Management website: www.seattle.gov/emergency. This plan will be available for review from September 5 to October, 3 2014.

Please submit your comments by October 3, 2014:

- By email to hazardmitigationplanupdate@seattle.gov
- By direct mail to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

What you think matters to us. With your participation we can best plan for hazards and take actions to reduce the impacts when hazards strike. Thank you!



Erika Lund
Recovery and Mitigation Coordinator, Office of Emergency Management
City of Seattle | Seattle Police Department
105 5th Avenue South, Suite #300; Seattle, WA 98104
O: 206.233-5089 | M: 206.465-7015 | F: 206.684-5998 | erika.lund@seattle.gov



SNAP Notification

Lieuallen, Matthew

From: SNAP <SNAP@seattle.gov>
Sent: Friday, September 05, 2014 4:11 PM
To: EOCSNAP@TALK2.SEATTLE.GOV
Subject: [EOCSNAP] SNAP Announcement: What is Seattle doing to reduce hazard risks? Review our plan!

We want to hear from you! The Seattle Office of Emergency Management has released the draft update to the Seattle All-Hazards Mitigation Plan for public review. The updated plan has incorporated community input collected this spring to help identify hazards, assess risks, and select mitigation strategies. The resulting 'blue print' will help guide future mitigation planning in the city.

For access to the **plan** and a **jump-start presentation** to help guide your review, please visit the Seattle Office of Emergency Management website: www.seattle.gov/emergency. This plan will be available for review from September 5 to October, 3 2014.

Please submit your comments by October 3, 2014:

- By email to hazardmitigationplanupdate@seattle.gov
- By direct mail to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

What you think matters to us. With your participation we can best plan for hazards and take actions to reduce the impacts when hazards strike. Thank you!

Please send questions or comments to <mailto:eoctsnap-request@talk2.seattle.gov> | [Privacy Policy](#)
Seattle Office of Emergency Management | 105 5th Avenue South, Suite 300 | Seattle | WA | 98104

[Click here to unsubscribe](#)

You are subscribed to the EOCSNAP list with your email address
debbie.goetz@SEATTLE.GOV

Message scanned by the Symantec Email Security service. If you suspect that this email is actually spam, please send it as an ATTACHMENT to spamsample@messagelabs.com



Attachment B – Web Notifications

1. Website Text
2. Seattle Main Webpage Blog Entry
3. Office of Emergency Management Web Notification
4. Building Connections Blog Entry
5. Seattle Post Intelligencer Article



Seattle HMP Website Text

Updated Sept. 4, 2014

The Office of Emergency Management has just released a draft update to the Seattle All-Hazards Mitigation Plan. This plan has incorporated community input collected this spring to help identify hazards, assess risks, and select mitigation strategies. The resulting 'blue print' will help guide future mitigation planning in the city. Click here to access the plan and a jump-start presentation.

What you think matters to us. With your participation we can best plan for hazards and take actions to reduce the impacts when hazards strike. This plan is available for review from September 5 to October 3, 2014.

- **Email** your comments to hazardmitigationplanupdate@seattle.gov
- **Mail** your comments to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104



Seattle Main Webpage Blog Entry

Blog entry posted on Seattle main website. Accessed on 9/27/2014.

Working for a safe, affordable, vibrant, innovative and connected city. Learn More

Mayor Edward B. Murray

My Seattle.Gov

Go!

BUSINESS IN SEATTLE

LIVING IN SEATTLE

VISITING SEATTLE

CITY SERVICES

CITY DEPARTMENTS

NEED HELP? GIVE US A CALL
206-894-2469 (CITY)

POPULAR SERVICES

- Find a Job
- Pay a Utility Bill
- 911 Incident Responses
- Potholes Repair Map
- Garbage and Recycling Collection

Services By Topic | Services A-Z

Biking in the park

Photo by Melissa Patel Olmsted

CITY HIGHLIGHTS

SEATTLE CHANNEL VIDEOS

NEWS RELEASES

LATEST BLOG POST

Chief OT roles Sets Expectations for "Appropriate" Use of Force

DAILY SHORTS

Seattle Channel news and information in bite-size video clips

- Deep Sea Diver
- Always's Missing

NEED HELP?

- Request a City Service
- Find It, Fix It mobile app
- Questions and/or Complaints
- Frequently Asked Questions

10:15 AM 9/27/2014



City of Seattle Hazard Mitigation Plan Update

Seattle Hazard Mitigation Plan comment period

The City wants to hear from you about how they are planning to mitigate hazards. The draft update to the Seattle All-Hazards Mitigation Plan is available for public review through October 3.

Deadline approaches to apply for matching funds to support your neighborhood project. Workshops are available in September for interested applicants. The application deadline is October 6.

Seattle Parks and Recreation seeks nominations for annual volunteer service awards.

Seattle Parks and Recreation is seeking nominations for the Dairy Awards, which honor volunteer service to the city's parks system. The deadline for nominations is October 13.

Greening the Emerald City, one home at a time

Central Area Block Party

The City of Seattle partners with the community to host the Central Area Block Party on September 27 at the corner of 23rd Avenue and Cherry Street, 10:00am to 6:00pm, offering live music, food trucks, art activities and more.

Seattle's Utility Discount Program partners with Fresh Bucks at Farmers Markets to increase enrollment.

In September, staff from Seattle City Light will be available at five Farmers Markets for a two-week period to help sign up low-income residents for the Utility Discount Program.

September 27, 20:10 am - 7 p.m. in Seattle Center Armory, Theater Pavilion and Seattle Center Pavilion.

Queen Anne Craft Fair
Sat, Sep 27, 2014, 11:30pm
United States

View All Events

CURRENT TOPICS

- Notice of Non-discrimination
- Online Public Engagement
- New Customer Service Center
- City Budget Updates
- Police Reports Map
- Income Inequality
- Parks Legacy Plan

MY NEIGHBORHOOD MAP

A guide to City of Seattle services located within your neighborhood.

Select a Neighborhood

Go

CITY COUNCIL

Visit Web site
(206) 864-4000
Contact by e-mail

CITY ATTORNEY PETE HOLMES

Visit Web site
206-664-6200
Contact by e-mail

NON-ENGLISH LANGUAGE INFO

An index of services and community information in 20 languages throughout our web site. View all languages.

日本語 (Japanese)

10:14 AM 9/27/2014



Office of Emergency Management Web Notification

Office of Emergency Management

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Working for a safe, affordable, vibrant, innovative, and interconnected city.

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seattle.gov

Office of Emergency Management

Disaster ready...prepared people, resilient community

Hazards | Preparedness | Programs & Services | Training & Events | Recovery | Publications

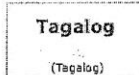


Welcome to the Seattle Office of Emergency Management!



During an emergency, go to www.seattle.gov for the latest information.

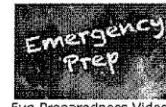
Emergency:
Dial 911
Non-Emergency Police:
206-625-5011
Non-Emergency Fire:
206-386-1400



The Seattle Office of Emergency Management partners with the community to prepare for, respond to, and recover from disasters. Explore our [Preparedness](#), [Recovery](#), [Programs & Services](#), and [Hazards](#) sections for up-to-date information and news. For a schedule of classes and other preparedness activities, see our [event calendar](#).



We want to [hear](#) your comments, complaints, and any commendations so we can make this a better site.



[Sign up](#) to be on our monthly distribution list for the latest in emergency preparedness news and information.

Hot Topics

Draft Hazard Mitigation Plan Release

The Office of Emergency Management has just released a draft update to the Seattle All-Hazards Mitigation Plan. This plan has incorporated community input collected this spring to help identify hazards, assess risks, and select mitigation strategies. The resulting "blue print" will help guide future mitigation planning in the city. Click here to access the [plan](#) (PDF) and a [jump-start presentation](#) (PDF) to help guide your review.

What you think matters to us. With your participation we can best plan for hazards and take actions to reduce the impacts when hazards strike. This plan is available for review from September 5 to October 3, 2014.

- Email your comments to hazardmitigationplanupdate@seattle.gov
- Mail your comments to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

- HOT LINKS
- [The SNAP Program](#)
 - [Emergency Resources](#)
 - [Public School Closings](#)
 - [Regional Public Information Network](#)
 - [City News Releases](#)
 - [Traffic in Seattle](#)
 - [Seattle.gov Home Page](#)
 - [Seattle Channel on Cable TV Channel 21](#)

How to Protect Yourself From Landslides

The Department of Planning and Develop has a great [page](#) that explains steps you can take to protect yourself from landslides. It also lists contact numbers to get help.

Seattle Releases Update to the Seattle Hazard Identification and Vulnerability Analysis

Seattle is a vibrant city, yet it faces hazards that threaten the very tissue of our community. Seattle can reduce hazard impacts and this document is where we start. The [Seattle Hazard Identification and Vulnerability Analysis \(SHIVA\)](#) identifies Seattle's hazards and their consequences so we can make smart decisions about how best to prepare for them.

<http://www.seattle.gov/emergency/>

9/11/2014



The SHIVA is the foundation for all the City of Seattle's disaster planning and preparedness activities. The City hopes the rest of the Seattle community will use it in the same manner. The SHIVA is a community document. The Office of Emergency Management is constantly collecting information from partners to update it. It is updated as needed but a major review occurs at least every four years.

Map hazards yourself

The Department of Planning and Development has an excellent [mapping application](#) that enables you to map Seattle's environmentally critical areas, including landslide, liquefaction, and flood prone areas. Use it to find out if properties of interest to you are in or close to these hazard areas.

Seattle's 2014 Hazard Mitigation Plan Update

Tell us what you think!

Earthquakes, Tsunamis, Landslides, Winter Storms, Wind Storms, Power Outages, Volcanic Eruptions – these are just the tip of the iceberg for risks we face in our area. The City is responsible for planning for all of our 18 hazards, but cannot do that without your help.

Tell us what hazards concern you the most and how you think we should prioritize our activities to make our buildings and infrastructure safer. We have three ways for you to do this:

1. **Complete** a fast and easy online survey:
www.surveymonkey.com/s/SeahazMitSurvey
2. **Email** your thoughts to:
HazardMitigationPlanUpdate@seattle.gov
3. **Attend** a public meeting:
April 8, 2014 from 6 p.m. to 8:30 p.m.
Rainier Community Center, 4600 38th Ave. South
Seattle, WA 98118

Share your thoughts with us between March 25 - April 23, 2014.

Interpretation and accommodations are available upon advance request to Donna Voss, Project Manager, at (206) 233-5089 or by email at:
HazardMitigationPlanUpdate@seattle.gov.

Overview of Seattle's 2014 Hazard Mitigation Plan Update

Seattle's Office of Emergency Management (OEM) is currently updating the City's Hazard Mitigation Plan (HMP), which describes our City's natural hazard risks, such as earthquakes, storms, volcanic eruptions, and landslides, identifies the people and facilities at risk, and describes ways to prevent and minimize damage to life and property.

The existing plan is being updated as part of the City's emergency management program and in order to ensure the City remains eligible for federal grant funding. For further information [click here](#).

Earthquake Home Retrofit Handbook

Earthquakes are Seattle's biggest threat due to the combination of magnitude and frequency. The City of Seattle is actively preparing to respond to a catastrophic earthquake. Key efforts include strengthening critical infrastructure, building community preparedness, increasing employee preparedness and emphasizing individual preparedness. This



Building Connections Blog Entry

Building Connections » Seattle Hazard Mitigation Plan Comment Period

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CityLink Seattle
Your City. Right Now.
Citylink.Seattle.gov

« Previous post | [Building Connections Home Page](#)

Seattle Hazard Mitigation Plan Comment Period

The City wants to hear from you about how they are planning to mitigate hazards! The draft update to the Seattle All-Hazards Mitigation Plan is available for public review. This plan will serve as a 'blue print' and help guide future mitigation planning in the city. Your feedback is critical to ensuring that the updated plan reflects the needs and priorities of those who work, live, and play in Seattle. The plan was updated based on public feedback heard this spring, including a community survey completed by more than 700 people.

What does the plan do?

- Serves as a guiding document for future mitigation planning efforts
- Identifies potential hazards and risks
- Identifies actions that the City and community can take to reduce the impact of hazards
- Establishes a process for implementing the plan

How can you comment?

Click [here](#) to access the plan and a jump-start presentation to help guide your review.

- Email your comments to hazardmitigationplanupdate@seattle.gov
- Mail your comments to HMP Project Manager, Office of Emergency Management, 105 5th Avenue South, Suite 300, Seattle WA 98104

Comments will be accepted through October 3, 2014.

Posted: September 9th, 2014 under [Building Connections](#), [Top News Stories](#).
Tags: [hazards](#), [mitigation](#)

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- Green Building (RSS)
- Long-Range Planning (RSS)
- Permit Pipeline Newsletter (RSS)
- Planning Commission (RSS)
- Top News Stories (RSS)

September 2014

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

« Aug

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- Center Spotlight
- Fire Line
- Mayor Murray's Blog
- On The Move
- Parkways
- Power Lines
- SPD Blotter
- The Scoop

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<http://buildingconnections.seattle.gov/2014/09/09/seattle-hazard-mitigation-plan-comment...> 9/11/2014



Seattle Post Intelligencer Article

How will Seattle be destroyed? The most likely disasters - The Big Science Blog

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How will Seattle be destroyed? The most likely disasters

Posted on September 30, 2014 | By Vanessa Ho

Have you checked out the city of Seattle's "All-Hazards Mitigation Plan" yet? No? Despite the dry title, it stems from a ranking of 18 harrowing disasters most likely to strike Seattle. Think of it as how the city might meet a fiery, watery, muddy, icy, boiling, crumbling or otherwise terrifying doom - if it weren't for the mitigation plan.

Methodology note: Hazard rankings are based on a disaster's expected frequency, destructiveness, death toll and community impact. For each disaster, experts created two scenarios and scored them: A "most likely disaster scenario" and a worst-case catastrophe within reason.

Here's a look.



<http://blog.seattlepi.com/bigscience/2014/09/30/how-will-seattle-be-destroyed-the-most-lik...> 11/3/2014



Attachment C – “Jump-Start” Presentation



2014 SEATTLE ALL-HAZARDS MITIGATION PLAN UPDATE **DRAFT PLAN REVIEW PRESENTATION**



WE WANT YOUR INPUT!

The City of Seattle is updating its All-Hazards Mitigation Plan and wants your input.

Here's what you can do:

1. Review the updated plan at <http://www.seattle.gov/emergency/library/2014SeattleHMPUpdateReviewDraft.pdf>
2. Look at proposed actions and projects
3. Consider if risks for your community are addressed
4. E-mail us your comments by October 3 at HazardMitigationPlanUpdate@seattle.gov



DO YOU KNOW ABOUT...

- Hazard mitigation and how it benefits the city?
- Hazards that pose the greatest risk to the city?
- The city's strategy to mitigate hazards?
- Actions the city has already taken to reduce risk?
- What the city wants to hear from you about the updated all-hazards mitigation plan?

...KEEP READING AND YOU WILL!

WHAT IS HAZARD MITIGATION?

- Actions to reduce, eliminate, redirect or avoid the effects of natural, manmade or technological hazards.
- Mitigation activities can start before, during or after a disaster happens to lessen its impact on people and property.
- Through planning, hazard mitigation can be a long-term, cost-effective way to reduce the risk of loss and help create a more disaster-resistant and sustainable community.



WHY IS HAZARD MITIGATION IMPORTANT?

Mitigation planning allows the city to:

- Better understand and reduce the impact of identified hazards
- Protect the city's people, property, and the environment
- Be eligible for federal mitigation projects funds
- Strengthen relationships through planning together
- Improve coordination of hazard mitigation with comprehensive planning and zoning
- Develop more sustainable and disaster-resistant communities
- **Save lives and money!**



*Courtesy of
Seattle Parks & Recreation*

CITY OF SEATTLE HAZARD MITIGATION PROGRAM

- Guides regular updates of the hazard mitigation plan
- Identifies effective, sustainable, and cost-effective mitigation projects, and realistic implementation strategies

Everyone has a role...

- **Citizens** provide input and take action to improve personal preparedness and safeguard homes from damage.
- **Elected officials** make policy and support mitigation by dedicating city resources
- **City departments** implement mitigation actions
- **Community partners** work together to reduce risk

MITIGATION PROGRAM GOALS

1. Protect life and safety and promote community preparedness
2. Safeguard critical infrastructure and ensure continuity of service
3. Protect public and private property
4. Protect the natural environment and cultural and historic resources
5. Ensure a resilient economy
6. Promote a collaborative and integrated mitigation program



A UNIQUE COMMUNITY...

- **Economically**
Seattle is the hub of the Pacific Northwest with 634,535 residents and 502,000 jobs
- **Geographically**
Built on a series of hills, Seattle is surrounded by water with Puget Sound to the west and Lake Washington to the east
- **Culturally**
Seattle is a vibrant city whose citizens are committed to a more resilient community



...WITH UNIQUE HAZARDS

The city's top 10 hazards are:


Ranking determined by a hazard's frequency and level of expected impact to the community.

1. Earthquakes
2. Snow and Ice Storms
3. Infrastructure/Cyber Incidents
4. Windstorms
5. Power Outages
6. Terrorism
7. Disease Outbreaks
8. Flooding
9. Excessive Heat
10. Fires

EARTHQUAKES

- Earthquakes are Seattle's top hazard; the Seattle fault is the most dangerous source for earthquake events
- Seattle has experienced damaging earthquakes in 1949, 1965, and 2001
- The city is actively preparing to reduce its risk through a number of actions including enhancing building standards, retrofitting bridges, and educating the public

SNOW AND ICE STORMS

- 
- The background of the slide is a collage of images related to a snow event. On the left, there's a street scene with a large red sign that reads 'PUBLIC MARKET CENTER' and a clock. Several white vans are parked on the street. In the foreground, a person is using a red snow shovel to clear a path through a thick layer of snow. Another person is visible in the background, also engaged in snow removal. The overall scene is a winter street in Seattle during a snow event.
- Seattle's weather is generally mild, but snow events can be large and have major impacts
 - Hilly terrain and limited snow removal equipment increase Seattle's vulnerability
 - Extended snow events can create health and safety issues and affect transportation

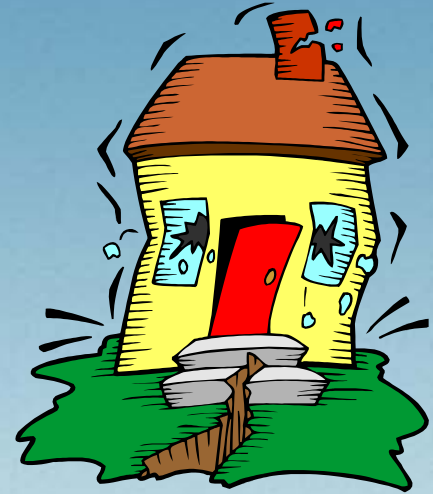
INFRASTRUCTURE FAILURES



- Buildings, dams, and critical telecommunication lifelines can all be damaged during a disaster
- Seattle is very vulnerable to bridge collapse due to the central role they play in the city's transportation network
- An emerging issue is cyber disruption, resulting in computer system outages

WHAT CAN WE DO IN SEATTLE TO PROTECT OURSELVES?

1. Set policy through regulations and planning processes
2. Modify buildings or structures to protect them from hazards
3. Protect the natural environment
4. Raise awareness of hazards and ways to mitigate them through outreach and education
5. Protect people and property during and immediately after a disaster through preparedness and response activities



WHAT HAVE WE DONE?

Mitigation projects completed recently:

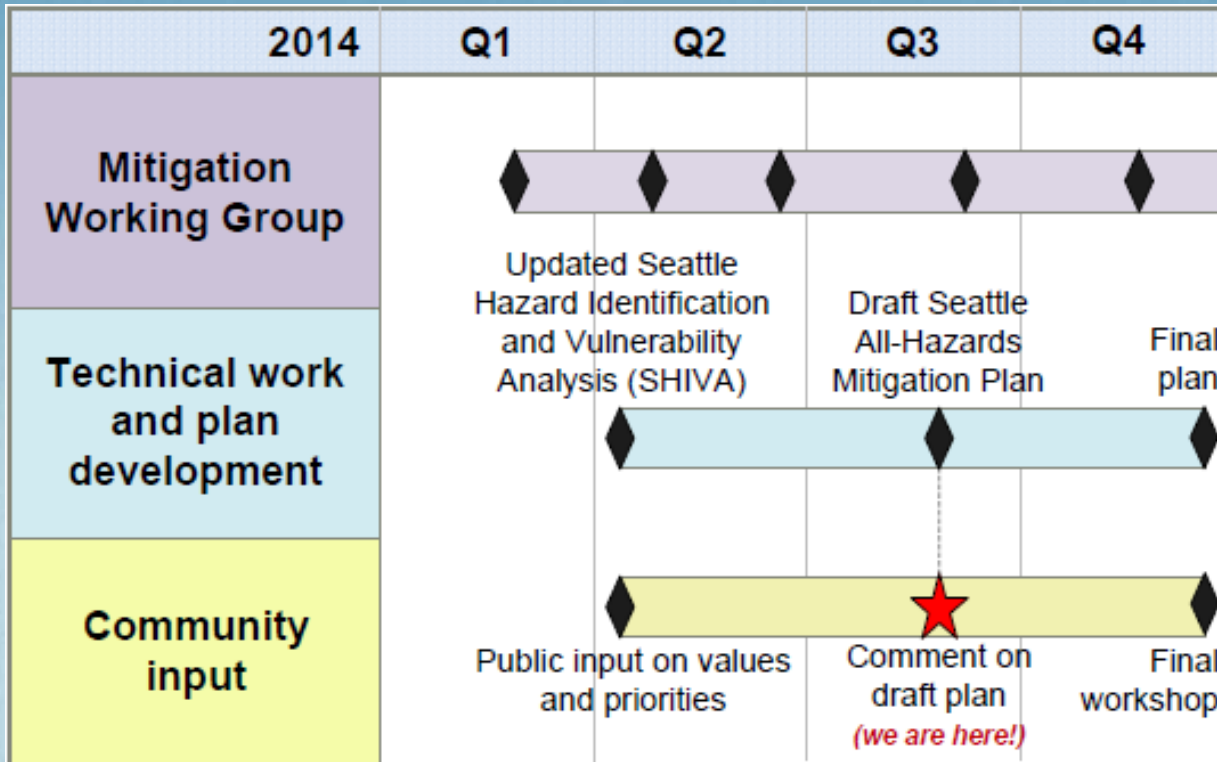
- North Queen Anne Drive Bridge Seismic Retrofit
- Urban Flood Hazard Identification Project
- Jefferson and Queen Anne Community Centers Seismic Retrofit
- Duwamish Head Landslide Mitigation Project
- Unreinforced Masonry Building Public Education and Outreach (ongoing)

WHAT DO WE PLAN TO DO IN THE FUTURE?

Some projects identified in the updated plan:

- Performing seismic upgrades to key city facilities
- Installing emergency generators in key city facilities
- Surveying landmarks/historic resources that have had seismic upgrades
- Integrating hazard mitigation into the city's comprehensive plan

THE PLANNING PROCESS SO FAR



WE WANT TO HEAR FROM YOU!

From the public:

What projects would you like to see completed in your neighborhood that would reduce the impacts of hazards?

From community partners:

What opportunities do you see to collaborate or coordinate with the city's mitigation efforts?

From everyone:

What questions do you have about the city's mitigation program that the plan doesn't answer?

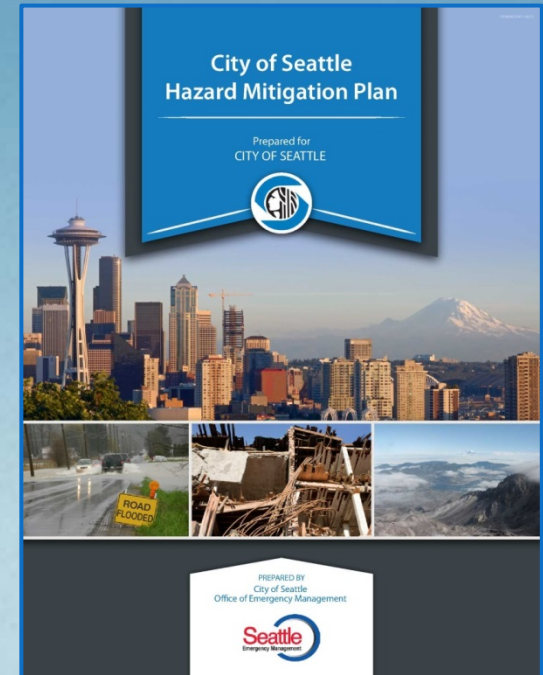


HOW CAN YOU PARTICIPATE?

Review the plan at:

www.seattle.gov/emergency/library/2014SeattleHMPUpdateReviewDraft.pdf

Send comments by October 3 to:
HazardMitigationPlanUpdate@seattle.gov



ADDITIONAL RESOURCES

Seattle Office of Emergency Management

www.seattle.gov/emergency

King County Regional Hazard Mitigation Plan

www.kingcounty.gov/safety/prepare/EmergencyManagementProfessionals/Plans/RegionalHazardMitigationPlan.aspx

Washington State Enhanced Hazard Mitigation Plan

[www.emd.wa.gov/plans/washington state hazard mitigation plan.shtml](http://www.emd.wa.gov/plans/washington_state_hazard_mitigation_plan.shtml)

Federal Emergency Management Agency

www.fema.gov

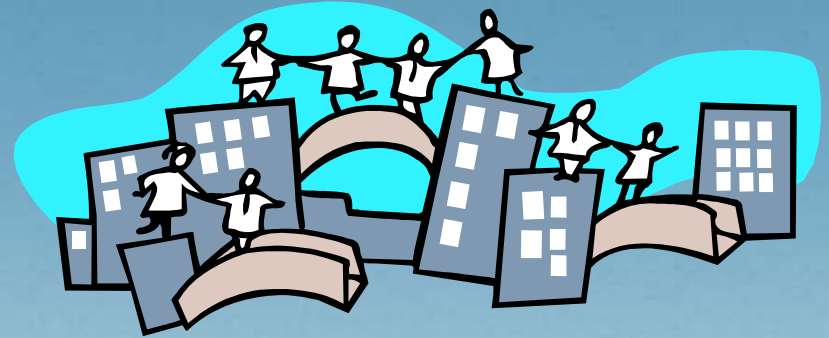


Photo Credit:

http://www.visitseattle.org/Images/Heros/Home_Visitors/Discover/Neighborhoods/Fremont/IMG_3691.jpg?width=940&height=529

THANK YOU FOR
HELPING US BUILD
A MORE RESILIENT
COMMUNITY!





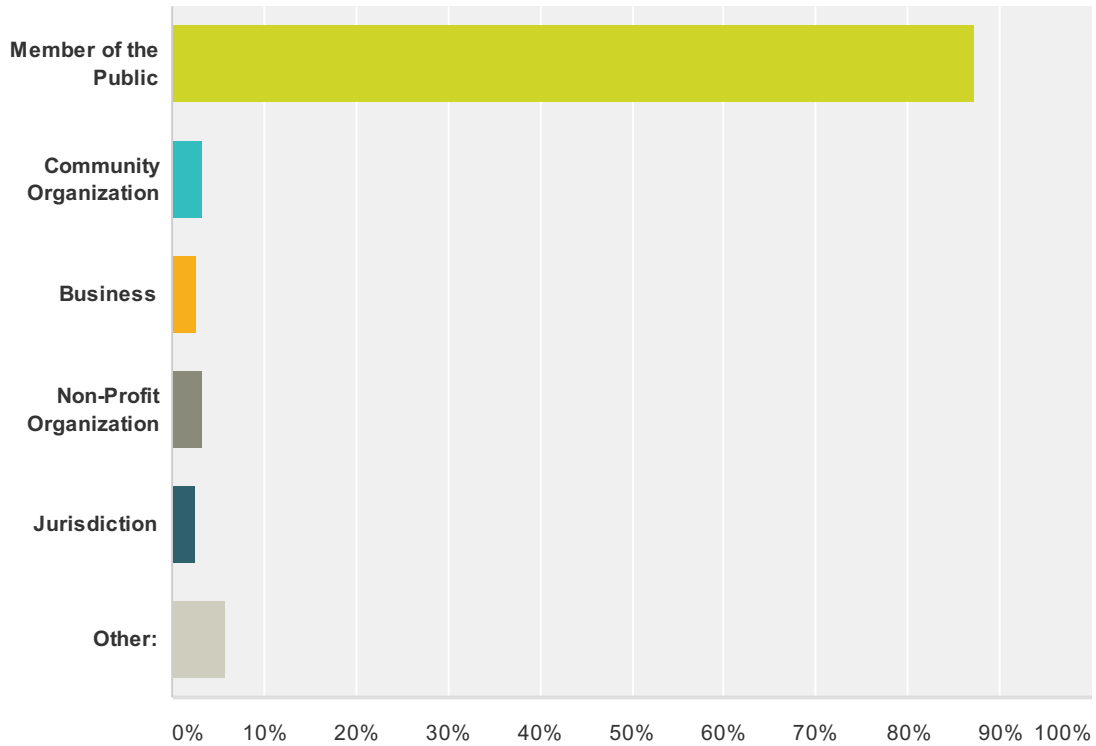
C-4 Community Survey Results



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Q1 Are you responding as:

Answered: 701 Skipped: 7



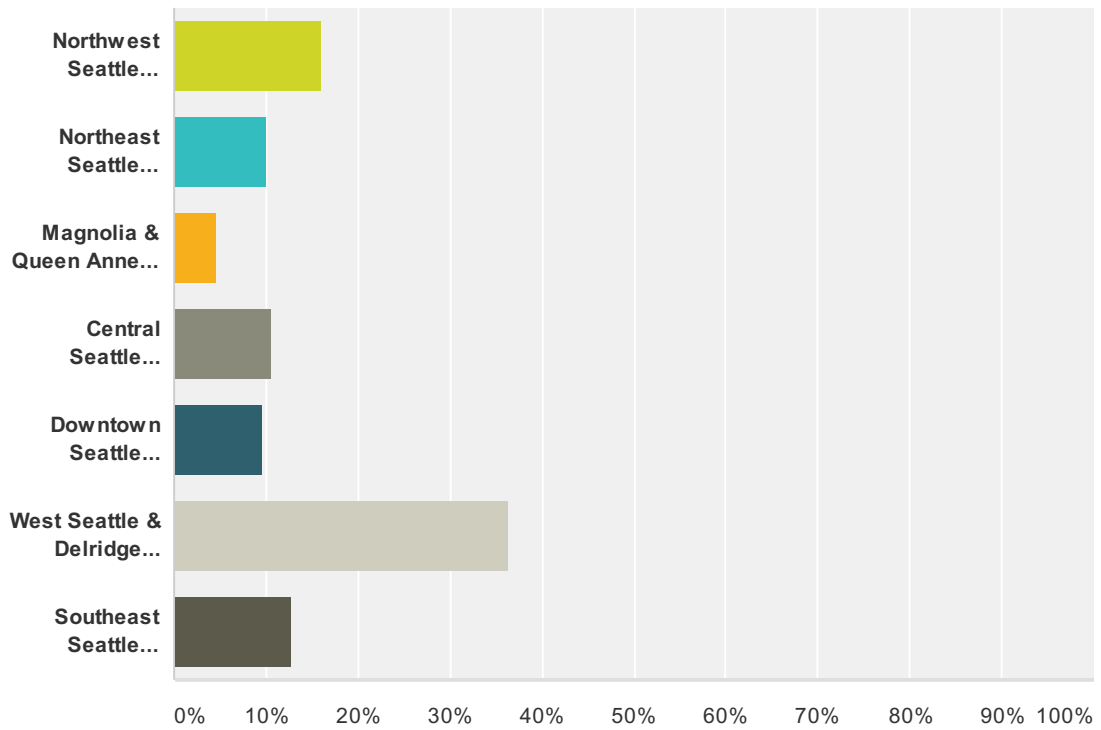
Answer Choices	Responses
Member of the Public	87.16% 611
Community Organization	3.42% 24
Business	2.71% 19
Non-Profit Organization	3.42% 24
Jurisdiction	2.57% 18
Other:	5.85% 41
Total Respondents: 701	

#	Other:	Date
1	Community College	4/22/2014 12:17 PM
2	City employee	4/16/2014 10:30 AM
3	College	4/15/2014 5:10 PM
4	Community College	4/15/2014 3:21 PM
5	City of Seattle Court Administrator	4/14/2014 11:55 AM
6	Government Employee	4/14/2014 11:51 AM
7	US Govt partner	4/14/2014 10:06 AM
8	Government	4/14/2014 8:24 AM
9	Hospital	4/14/2014 8:10 AM

10	V1 involved with Hub Communication	4/12/2014 8:28 PM
11	City of Seattle Department of Transportation	4/11/2014 1:19 PM
12	city of Seattle Employee	4/11/2014 9:57 AM
13	goverment	4/11/2014 9:00 AM
14	University of Washington	4/11/2014 9:00 AM
15	block watch captain	4/9/2014 10:58 PM
16	block watch captain	4/9/2014 10:56 PM
17	Test	4/8/2014 11:15 AM
18	school principal	4/7/2014 11:25 AM
19	Distributor for Flood Mitigation Products	4/7/2014 11:18 AM
20	Educational Institution Employee	4/4/2014 12:12 PM
21	Block watch co-captain	4/1/2014 10:31 PM
22	City of Seattle Employee	4/1/2014 1:44 PM
23	city employee	4/1/2014 12:54 PM
24	RESIDENT	3/29/2014 9:23 AM
25	news media	3/28/2014 1:59 PM
26	Parent	3/28/2014 11:26 AM
27	Seattle	3/27/2014 11:28 AM
28	Delridge Neighborhoods District Council; Washington First	3/27/2014 11:22 AM
29	City of Seattle employee	3/27/2014 11:20 AM
30	medical health professional	3/26/2014 3:27 PM
31	Health-care professional	3/26/2014 10:51 AM
32	private person single house insurance assistance request	3/26/2014 6:18 AM
33	Rainier Beach Emergency Communication HUB	3/25/2014 8:05 PM
34	CERT MEMBER	3/25/2014 6:04 PM
35	Managemen company rep and SNAP Volunteer	3/25/2014 4:25 PM
36	Municipal employee	3/25/2014 3:13 PM
37	Seattle Emergency Operations Volunteer	3/25/2014 2:54 PM
38	Fire Cadet	3/25/2014 2:47 PM
39	CERT	3/25/2014 9:38 AM
40	Hub Captain team, also a non-profit facilities manager, and community organizer...	3/24/2014 10:01 PM
41	City of Seattle Staff	3/24/2014 7:38 AM

Q2 Please review the map at the right and then select your neighborhood or place of work:

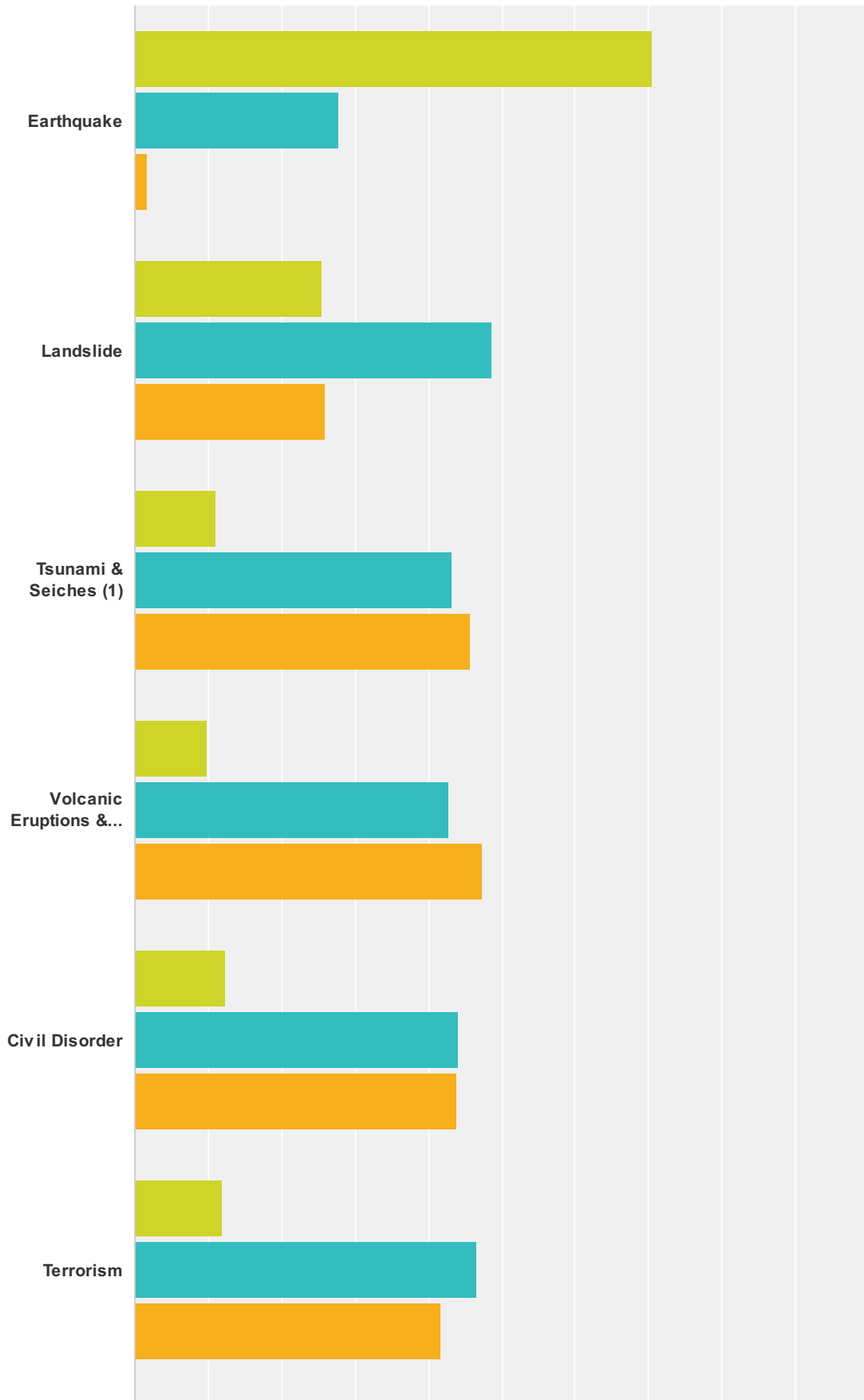
Answered: 701 Skipped: 7

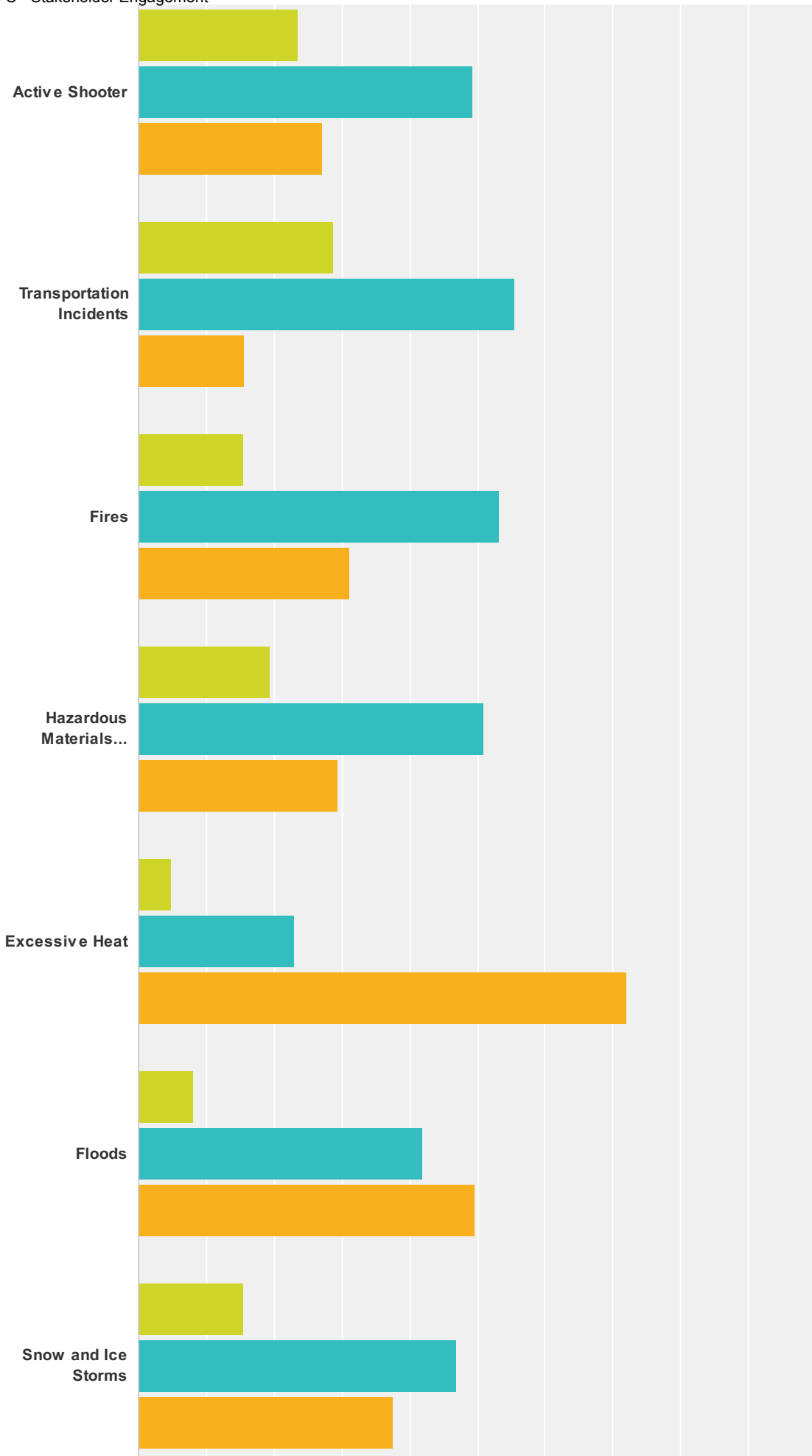


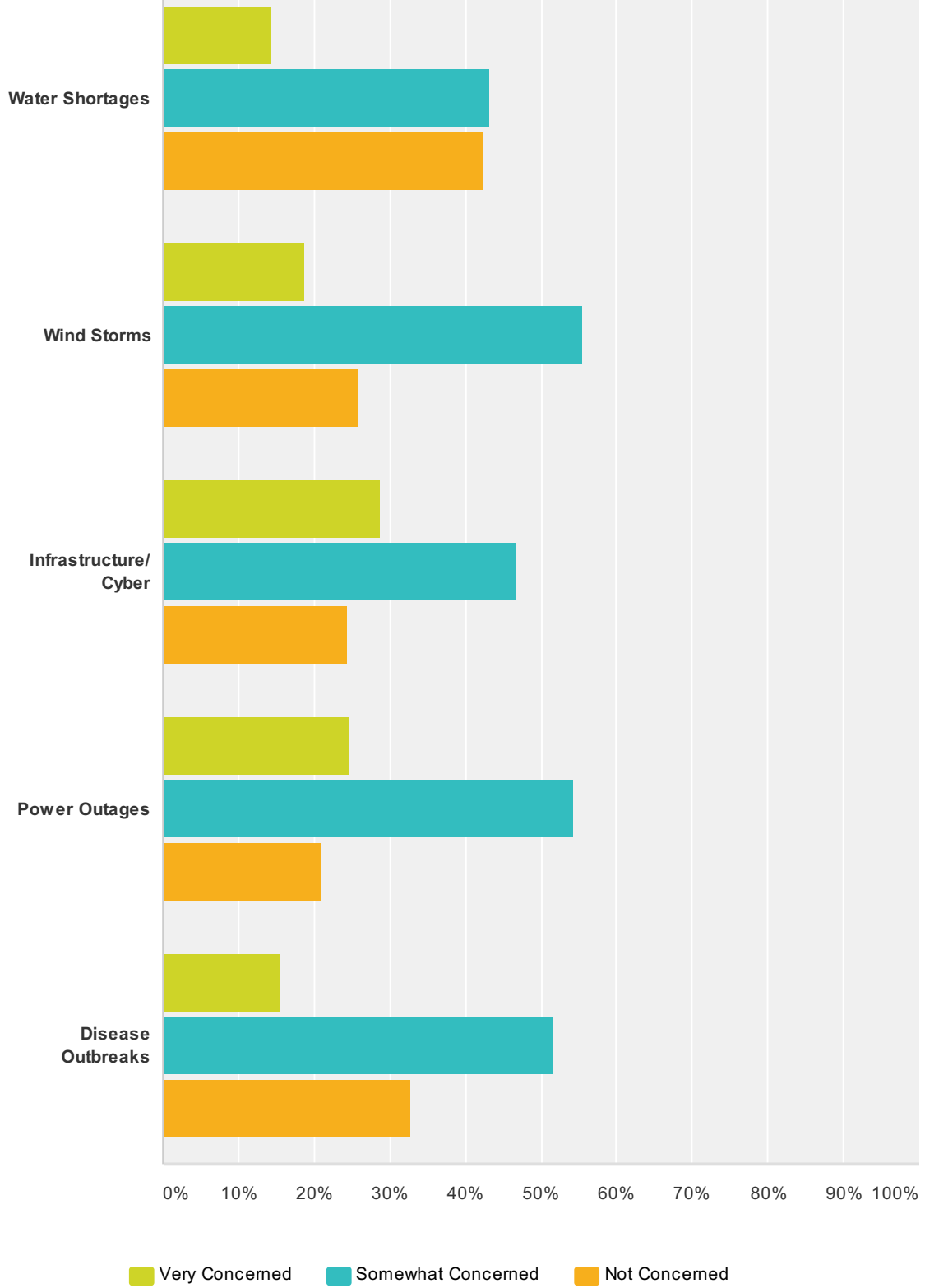
Answer Choices	Responses
Northwest Seattle (1-yellow)	15.98% 112
Northeast Seattle (2-orange/red)	9.99% 70
Magnolia & Queen Anne (3-dark green)	4.56% 32
Central Seattle (4-blue)	10.56% 74
Downtown Seattle (5-tan/light orange)	9.70% 68
West Seattle & Delridge (6-light green)	36.38% 255
Southeast Seattle (7-brown)	12.84% 90
Total	701

Q3 How concerned are you about the following hazards in Seattle?

Answered: 705 Skipped: 3







	Very Concerned	Somewhat Concerned	Not Concerned	Total
Earthquake	70.60% 497	27.70% 195	1.70% 12	704
Landslide	25.47% 176	48.63% 336	25.90% 179	691
Tsunami & Seiches (1)	10.98%	43.21%	45.81%	

	10.00%	20.00%	30.00%	40.00%
	76	299	317	692
Volcanic Eruptions & Lahars (2)	9.74% 67	42.88% 295	47.38% 326	688
Civil Disorder	12.23% 84	43.96% 302	43.81% 301	687
Terrorism	11.87% 82	46.45% 321	41.68% 288	691
Active Shooter	23.59% 163	49.35% 341	27.06% 187	691
Transportation Incidents	28.74% 198	55.59% 383	15.67% 108	689
Fires	15.52% 106	53.29% 364	31.19% 213	683
Hazardous Materials Incidents	19.48% 134	51.02% 351	29.51% 203	688
Excessive Heat	4.82% 33	23.07% 158	72.12% 494	685
Floods	8.18% 56	42.04% 288	49.78% 341	685
Snow and Ice Storms	15.38% 106	47.02% 324	37.59% 259	689
Water Shortages	14.33% 99	43.27% 299	42.40% 293	691
Wind Storms	18.69% 128	55.47% 380	25.84% 177	685
Infrastructure/Cyber	28.88% 199	46.73% 322	24.38% 168	689
Power Outages	24.57% 170	54.34% 376	21.10% 146	692
Disease Outbreaks	15.74% 107	51.47% 350	32.79% 223	680

#	Other (please specify the hazard(s) and your level of concern):	Date
1	Police Violence during any stressful situation. Seattle Police have a Very poor attitude towards the residents of Seattle. I fear in a crisis they will not serve OUR needs because they have NO investment in OUR COMMUNITY. Very concerned. I'm afraid of the SPD.	4/22/2014 5:01 PM
2	Impacts from climate change, including sea level rise, precipitation changes, drinking water shortages.	4/22/2014 12:31 PM
3	n/a	4/22/2014 11:27 AM
4	note: I am answering for incidents in my neighborhood, so flooding is not too big	4/18/2014 12:50 PM
5	1) A series of incidents happening at the same time.	4/16/2014 10:42 AM
6	The rise of Violent Crime in the Seattle area - Very Concerned	4/14/2014 8:14 AM
7	oil & coal trains. Bad.	4/13/2014 10:54 AM
8	Neighborhood House Crime - Very Concerned	4/10/2014 12:59 PM
9	Sea Level Rise- somewhat concerned	4/9/2014 10:29 AM
10	Sarah testing	4/8/2014 11:15 AM
11	Climate change/large-scale resource scarcity - somewhat concerned (not immediate)	4/7/2014 11:22 AM

11	Climate change, gas, and resource security - somewhat concerned (not immediate) V1	7/7/2013 11:22 AM
12	Neighborhood safety- Very concerned	4/7/2014 10:24 AM
13	Sewage clean up with many of the above hazards concern me quite a lot. Reuniting people with their loved one's is a big concern as well. How will we support and help people with disabilities?	4/6/2014 7:16 PM
14	Giant traffic problems after a natural hazard incident	4/5/2014 7:13 PM
15	Gang violence, muggings and public crack smokers is a problem downtown.	4/4/2014 12:22 PM
16	I'm very concerned that bridges, tunnels, and highway on/off ramps in and around Seattle are vulnerable to damage in an earthquake. I'm also concerned about the vulnerability of public schools during an earthquake, and in fact do not recall hearing whether our neighborhood schools (John Rogers Elementary, Jane Adams Middle School) have been retrofitted for earthquake safety - but perhaps they and all other schools in the Seattle Public School District have.	4/3/2014 5:55 PM
17	The new tunnel construction esp if we have an earthquake!	4/3/2014 5:17 PM
18	VERY CONCERNED about the aggressive homeless population downtown.	4/3/2014 2:25 PM
19	Pedestrian safety, both at crosswalks around pike place and safety from harassment on third avenue downtown - crime on third, violent assaults are happening almost everyday putting metro riders right in the middle	4/3/2014 8:38 AM
20	Not sure what (1) (2) mean below.	4/1/2014 8:36 AM
21	I am deeply concerned about residential wood burning. From October 2013 to the present, wood smoke has been and still is a chronic nuisance and health hazard. I did an informal study in my neighborhood about this. Within a 1.5 x .5 area, and in three days, and 7 hours, there were 40 different households that burned wood indoors. This was between 180th and 158th NE and 15th and 5th NE in Shoreline.	4/1/2014 8:30 AM
22	Condo and apartments not being required to have an earthquake gas shut off valve.	3/31/2014 1:04 AM
23	Homelessness. Crime. Inability to navigate the streets to get home. Crowd control	3/30/2014 2:43 PM
24	Air and water pollution and irresponsible use of fireplaces, barbecue grills, vehicle washing, pressure washers, leaf blowers and other environmental hazards. Tall and enormous trees growing in neighbors' rockeries and backyards in such close proximity that windstorms present risk to life and property.	3/29/2014 9:16 PM
25	I am very concerned about there being no sidewalks and no shoulders (often ditches) and no safety for pedestrians and bicyclists, especially children. To make it worse so many drivers are talking or texting on their phones while driving. Very serious immediate threats.	3/29/2014 7:40 PM
26	(1) soil quality (2) wastewater management-specifically storm water mitigation on West Marginal Way and in the Delridge Neighborhood	3/29/2014 9:51 AM
27	Youth violence	3/28/2014 10:53 PM
28	Viaduct collapse.	3/28/2014 10:44 PM
29	West Seattle could easily get cut off from services since we are a peninsula.	3/28/2014 9:27 PM
30	I'm concerned that West Seattle seems to take the brunt of many storm-events due to our location, especially when storms come in from the SW. We typically seem to be on low-end of response for snow-removal, power-outages, etc when snow, winds, rain and all else arrives and hits us hard. My concern on this is large, as I have lived in WSea for 14 years now and have seen it happen over and over and over again.	3/28/2014 5:52 PM
31	Gas leaks and fires following earthquake -- very concerned	3/28/2014 4:42 PM
32	Traffic incidents and accidents which lead to terrible backups. Driving in all of Seattle when it snows because the lack of response by SDOT. They seem to never have the hills plowed or sanded before the morning commute starts which in turn creates many traffic incidents and accidents, and prevents people from getting to their work site or home.	3/28/2014 3:05 PM
33	Please remove "active shooter" from this list, there is no scientific merit to listing this and it discredits the legitimate issues.	3/28/2014 2:42 PM
34	The City should be concerned about water shortages, even if residents are not!	3/28/2014 2:32 PM
35	Marshall law - High - Police State - making people go to FEMA camps when they feel they are able	3/27/2014 11:42 AM

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35	<p>Median law - High - 1990's State - making people go to FEMA camps when they feel they are able to sustain on own property. Unlawful search and seizures during event.</p>	3/27/2014 11:14 AM
36	<p>Seems like we are way overdue for an earthquake (big one). Want to feel like working downtown is safe. As a homeowner working in insurance, I don't think that I could financially survive a large earthquake. Also not sure if our infrastructure could (tunnels, bridges, transportation) could recover quickly from a large quake.</p>	3/27/2014 10:23 AM
37	<p>Natural Gas Line Explosion - very concerned, sewer and water line failures - very concerned, this is because of the age of the infrastructure in my area. My home was built in the 1930's. Sinkholes - very concerned. Have been told that water runs underneath my property.</p>	3/27/2014 10:06 AM
38	<p>Radiation/radioactivity from domestic sources (eg. Magnuson Park, Hanford) and contamination from Fukushima in environment and food supply - somewhat concerned.</p>	3/26/2014 6:56 PM
39	<p>Prowlers - high</p>	3/26/2014 1:19 PM
40	<p>I'm concerned about our storm and sewer infrastructure and the lack of good storm water management such as curbs and gutters to manage the flow of water during a storm. My house has been damaged before as a result of a brake in the main storm water combine sewer line that runs under the street in front of my home. It is this type of poor maintenance and management that leads to landslides, property damage and personal injury.</p>	3/26/2014 1:08 PM
41	<p>assistance response</p>	3/26/2014 6:18 AM
42	<p>Magnolia landslides due to fill</p>	3/25/2014 10:09 PM
43	<p>Nuclear incident at Bangor or Bremerton where we are downwind</p>	3/25/2014 9:56 PM
44	<p>Cooperations not being accountable to the public as they destroy land, air, water and keep people from making a livable wage. I truly believe our greatest threat are cooperations...when \$ is the only driver life becomes non-sacred. Who is going to start talking about the logging that occurred on that hillside that slide outside of Oso....I get so disgusted with the masses blindness...</p>	3/25/2014 7:57 PM
45	<p>Not overly concerned but want preparation and knowledge that West Seattle will be able to handle or need should we be cut off.</p>	3/25/2014 5:16 PM
46	<p>Neighborhood preparedness or lack there of = very concerned</p>	3/25/2014 4:18 PM
47	<p>(1) Continuing radiation contamination across Pacific Ocean from Fukushima</p>	3/25/2014 3:49 PM
48	<p>Train derailment dumping coal into Puget Sound is my number one concern! This could be caused by earthquake, landslide or unexpected derailment. My hope is the State will either enforce coverage of train cars or disallow shipments of coal North to Bellingham or Canadian ports.</p>	3/25/2014 3:29 PM
49	<p>Oil trains and coal train traffic, from the pollution dust hazard to combustibility and chance of huge explosion and fire.</p>	3/25/2014 3:29 PM
50	<p>actions of police in case of disaster. Police should protect lives, not property.</p>	3/25/2014 3:28 PM
51	<p>nuclear radiation</p>	3/25/2014 3:26 PM
52	<p>Earthquake: communications, transportation, shelter, injury, food & water. Transportation Incidents: notice of incidents, timely communication of alternate routes. Hazardous Materials Incidents: communications, physical harm, medical resources.</p>	3/25/2014 3:13 PM
53	<p>We live on a hillside and have recently discovered one of the main sewer lines between our home and the home next door, then over an embankment, making an L turn and running right under two very large trees on a fairly steep slope - very concerned about a big shake or windstorm uprooting one of the trees! A mess just waiting to happen - have called about it, but no response.</p>	3/25/2014 2:58 PM
54	<p>Nuclear incident</p>	3/25/2014 2:41 PM
55	<p>issues with the coal trains -- dust, accidents, spills, #'s of dirty trains daily passing through the region. air pollution from vehicles, including idling diesel trucks,</p>	3/24/2014 9:43 PM
56	<p>Here's our 2 biggest concerns. State and local law enforcement will become akin to the Gestapo of</p>	3/24/2014 6:24 PM

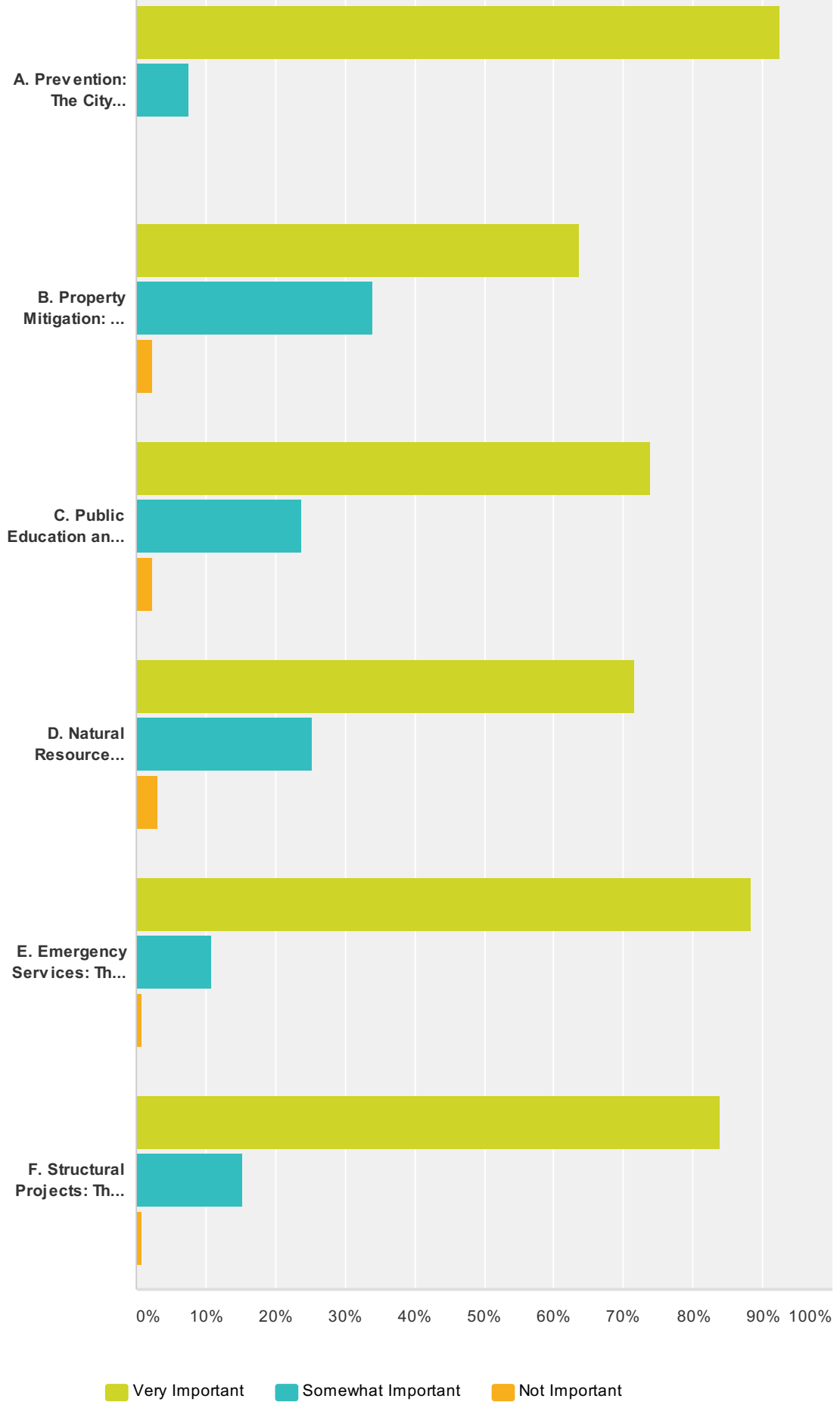
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<p>56 V1</p>	<p>Here's our 2 biggest concerns. State and local law enforcement will become unholy to the Seattle of old Germany and our freedom will perish. A slow an creeping death most won't see coming. Are you man enough to do something about it? Or just sheep lost in selfish fear and greed? The other concern is taxes. We're close to retirement and property taxes are a big concern to us. You see us as a piggy bank. "Sheep", to pay for those stupid projects such as the Tunnel and Street Trolley and Bike lanes and Subsidized Metro and Safeco Field and new Waterfront Parks and Lite Rail. Oh, and let's not forget those \$750,000 self cleaning public toilets. They were such a joke. That was the turning point in my opinion of the Seattle city council. Such incompetent management. WAAAAAAAAAAAA. OK so there's my 2 biggest concerns. Earthquakes no fires no snow no floods no landslides no. Without doubt the NO.1 threat to our beloved city is.. Government.....</p>	<p>3/27/2014 8:27 PM</p>
<p>57</p>	<p>major neighborhood-wide fires after a major earthquake</p>	<p>3/24/2014 5:49 PM</p>

Q4 Many activities can reduce hazard risks. In general, these activities fall into one of the following categories. Please tell us how important you think each category is for your community (see examples at right).

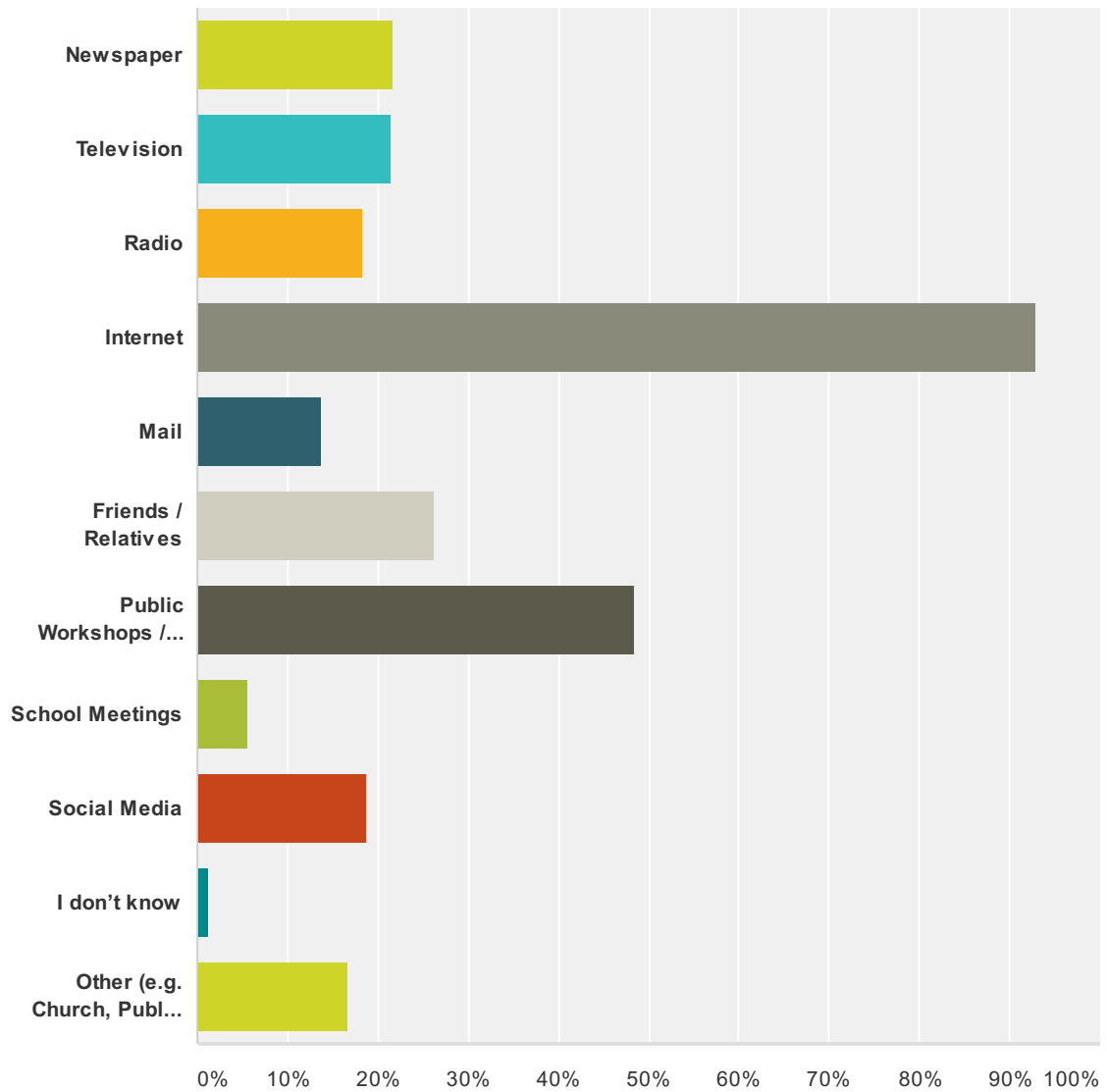
Answered: 705 Skipped: 3



	Very Important	Somewhat Important	Not Important	Total
A. Prevention: The City prevents developers from using unsafe building methods or building in areas that are high risk.	92.47% 651	7.53% 53	0.00% 0	704
B. Property Mitigation: The City encourages property owners to reduce risks in their homes or office buildings.	63.68% 447	34.05% 239	2.28% 16	702
C. Public Education and Awareness: The City provides information that helps citizens protect themselves and their property.	73.93% 519	23.79% 167	2.28% 16	702
D. Natural Resource Protection: The City reduces hazards by restoring natural habitats that can help limit impacts.	71.63% 500	25.21% 176	3.15% 22	698
E. Emergency Services: The City protects citizens and property during and after a disaster.	88.30% 619	10.84% 76	0.86% 6	701
F. Structural Projects: The City builds infrastructure that helps prevent or reduce hazards.	83.90% 589	15.24% 107	0.85% 6	702

Q5 If you wanted to make your home, neighborhood, or workplace safer, where would you look for information?

Answered: 706 Skipped: 2



Answer Choices	Responses
Newspaper	21.81% 154
Television	21.53% 152
Radio	18.27% 129
Internet	92.92% 656
Mail	13.88% 98
Friends / Relatives	26.35% 186
Public Workshops / Neighborhood Meetings	48.44% 342
School Meetings	5.67% 40

V1 Social Media	18.84%	133
I don't know	1.27%	9
Other (e.g. Church, Public Library, Fire Department):	16.71%	118
Total Respondents: 706		

#	Other (e.g. Church, Public Library, Fire Department):	Date
1	West Seattle Blog, West Seattle Be Prepared, Sustainable West Seattle	4/23/2014 10:45 AM
2	church	4/23/2014 8:55 AM
3	email (would love to be on an emergency management list)	4/23/2014 6:17 AM
4	church	4/22/2014 9:22 PM
5	Church	4/22/2014 11:42 AM
6	Work.	4/22/2014 11:37 AM
7	For my home I would research on-line and ask a contractor or two for recommendations - no involvement needed by the city. For my workplace, I might research to see if any laws are being broken by my employers. Again, not much the city would need to do.	4/19/2014 10:50 AM
8	Library	4/18/2014 8:31 PM
9	Public Library, government agencies	4/18/2014 7:54 PM
10	city web site	4/18/2014 12:50 PM
11	Fire Department	4/17/2014 2:35 PM
12	Library	4/16/2014 10:07 PM
13	Emergency Services (Hospitals, Fire, Police, and Emergency Management groups. As well as FEMA	4/16/2014 5:00 PM
14	Fire Department	4/16/2014 10:42 AM
15	Fire Department	4/15/2014 3:50 PM
16	Workplace	4/14/2014 3:25 PM
17	Church	4/14/2014 12:36 PM
18	Library, City offices	4/14/2014 9:35 AM
19	church, library	4/14/2014 9:05 AM
20	Emergency Management Organizations	4/11/2014 9:20 AM
21	University of Washington researchers	4/11/2014 9:00 AM
22	library	4/9/2014 10:58 PM
23	library	4/9/2014 10:56 PM
24	Fire Department	4/9/2014 1:00 PM
25	information from relevant public agencies	4/9/2014 11:56 AM
26	public health dept., etc.	4/8/2014 10:38 PM
27	utube	4/8/2014 7:07 PM
28	church	4/8/2014 6:47 PM
29	Test	4/8/2014 11:15 AM
30	Neighborhood Association meetings (Roosevelt, Ravenna-Bryant, Phinney)	4/8/2014 8:20 AM
31	Seattle Emergency Management, Red Cross	4/7/2014 3:03 PM

32	V1 Fire and police community outreach. Public or community flyers, announcements, warnings etc. of car, home, playground prowlers from accumulated complaints that the local law enforcement section. More pro-active community outreach in general by law-enforcement will give their community a stronger bond and give citizens a comfort level when they need their services.	4/7/2014 10:24 AM
33	library, NPR	4/7/2014 10:18 AM
34	Library	4/6/2014 3:37 PM
35	Red Cross	4/6/2014 1:48 PM
36	Church	4/4/2014 11:02 PM
37	Library, Red Cross, Fire Department	4/4/2014 12:12 PM
38	neighborhood (block) network	4/3/2014 5:55 PM
39	Work place bulletin board/emails, Library, SNAP Emails/Posts	4/3/2014 12:34 AM
40	Police and fire dept	4/1/2014 10:55 PM
41	Church, email	4/1/2014 7:58 PM
42	Library, Church, Neighbors	4/1/2014 12:54 PM
43	Emergency preparedness publications	4/1/2014 12:38 PM
44	library	3/31/2014 10:43 PM
45	Mailings from the city with links to websites for more info	3/31/2014 10:15 AM
46	Seattle.gov	3/31/2014 1:04 AM
47	Fire Department!	3/31/2014 12:15 AM
48	west seattle blog	3/30/2014 9:52 PM
49	books	3/30/2014 4:25 PM
50	fire department	3/30/2014 12:09 PM
51	Fire or Police Dept.	3/30/2014 11:45 AM
52	Public Library Fire department DMV	3/30/2014 9:44 AM
53	Books, magazines	3/30/2014 9:35 AM
54	Library	3/29/2014 11:06 PM
55	SNAP, Red Cross, FEMA, TWBS resources	3/29/2014 10:12 PM
56	Community meetings	3/29/2014 9:16 PM
57	library	3/29/2014 7:59 PM
58	Public library	3/29/2014 11:21 AM
59	library	3/29/2014 10:26 AM
60	Mt Baker Community Clib	3/29/2014 8:54 AM
61	Door to door house calls for professional evaluation	3/29/2014 8:00 AM
62	Public library	3/29/2014 5:02 AM
63	West Seattle Blog	3/28/2014 10:25 PM
64	Public library	3/28/2014 9:53 PM
65	West Seattle Blog,,,,,the only source we have for reliable information!!!	3/28/2014 9:27 PM
66	church	3/28/2014 8:26 PM
67	Library, fire dept.	3/28/2014 7:12 PM
68	West seattle blog	3/28/2014 7:05 PM
69	Parish, community center, fire dept	3/28/2014 7:03 PM

70	V1 Library	3/28/2014 5:55 PM
71	West seattle blog	3/28/2014 5:47 PM
72	west seattle blog	3/28/2014 5:19 PM
73	Thru my Church and the West Seattle Blog	3/28/2014 4:15 PM
74	Library	3/28/2014 4:06 PM
75	My existing knowledge and common sense.	3/28/2014 3:57 PM
76	West Seattle Blog	3/28/2014 3:50 PM
77	Library	3/28/2014 3:21 PM
78	Fire, Police and public health agencies. public library	3/28/2014 2:32 PM
79	na	3/28/2014 2:20 PM
80	Fire Department	3/28/2014 2:17 PM
81	My church	3/28/2014 2:08 PM
82	I work in this field, so checked boxes indicate where I think the highest value would be in outreach.	3/27/2014 11:22 AM
83	I would hope the city websites would have prevention/protection information. Would be great if there were contingency plans to ensure communications and transportation plans were in place and communicated.	3/27/2014 10:23 AM
84	Community/neighborhood network	3/26/2014 11:47 PM
85	City and state offices of emergency management. FEMA/Homeland security.	3/26/2014 9:35 PM
86	Specifically: there is no better resource than the West Seattle Blog!	3/26/2014 9:26 PM
87	There is no place	3/26/2014 7:10 PM
88	Fire Department, SNAP, Emergency boardcast	3/26/2014 4:17 PM
89	Library	3/26/2014 3:25 PM
90	Public Library and Fire Dep't. could be helpful I feel.	3/26/2014 3:05 PM
91	Church Fire Department	3/26/2014 2:36 PM
92	Emergency Communication Hubs - We have one in Upper Rainier Beach neighborhood (only active one in Southeast Seattle not at a P-Patch site). There are others organized throughout West Seattle, Ballard, and some northend neighborhoods.	3/26/2014 12:53 PM
93	Neighborhood blogs/websites/e-newsletters	3/26/2014 12:03 PM
94	Public Library	3/26/2014 11:03 AM
95	Government web site, Phinney Neighborirhood Association	3/26/2014 10:42 AM
96	professional organizations (eg. AEG, ACEC, AIA, ASCE) and public agencies (eg Ecology, King County)	3/26/2014 9:11 AM
97	Fire dept and neighborhood disaster relief group in the Broadview neighborhood.	3/26/2014 7:19 AM
98	a single house,church, social services, community college (south bend 98586 survey)	3/26/2014 6:18 AM
99	West Seattle Street Fair Neighborhood Night Out	3/25/2014 9:56 PM
100	I would check the internet to find what I am looking for in general so I could begin to call x, y, z to get the information I am looking for. There are many great resources...and education of the public is certainly one of the best resources...where people are not walking around thinking "it can never happen here"...	3/25/2014 7:57 PM
101	Library	3/25/2014 7:57 PM
102	Id look mainly online at FEMA, CERT or Seattle Emergency Management	3/25/2014 6:04 PM
103	library, professional organizations	3/25/2014 5:28 PM
104	Library, Fire department	3/25/2014 5:16 PM

105	V1	Public Library and Fire Department	3/25/2014 4:55 PM
106		University library	3/25/2014 3:16 PM
107		Blockwatch	3/25/2014 3:08 PM
108		Seattle Emergency Operations	3/25/2014 2:54 PM
109		books available through public library system and or readings held at the public library branches.	3/25/2014 2:53 PM
110		Fire Department	3/25/2014 2:47 PM
111		Emergency Preparedness Dept of City of Seattle	3/25/2014 1:04 PM
112		Fire Dept.	3/25/2014 9:38 AM
113		Library materials available. Maybe a little sign in the lobby to ask for a packet.	3/25/2014 8:35 AM
114		I look for subject matter experts and try to translate their information to share with the community. Hub Captains Network. OEM. Look at case studies wherever I can find them about disasters elsewhere.	3/24/2014 10:01 PM
115		First hand observation is always the best	3/24/2014 6:24 PM
116		The American Red Cross; Seattle OEM	3/24/2014 4:57 PM
117		Public Library, Fire Department, Police Department, FEMA, American Red Cross	3/23/2014 1:04 PM
118		community centers, public library, hospitals, church, fire departments, police	3/21/2014 10:27 AM

Q6 Additional comments? Please add additional comments below.

Answered: 100 Skipped: 608

#	Responses	Date
1	I am worried that hazard insurance is not available to high risk buildings or it is only available through the Washington Fair Plan. To rebuild a historic building will take much more money than this insurance will provide. Will there be any other help for this type of building owner?	4/23/2014 5:39 PM
2	I do outreach in our community and one of the main hazards that I see is the total lack of preparedness of many. For some, it's a matter of priorities or that they don't see a need to prepare. For others, cost of preparing is prohibitive; some can't afford to have a seismic retrofit done on their home, in other cases it may not even be feasible to buy or set aside extra supplies for a go-kit. For others with adequate money, time is often the big obstacle. I know many who realize that preparing for a disaster is important, but they can't fit it in to an already overwhelming schedule; an evening or weekend class is not really a viable option. A potential solution for those folks might be to have workshops and classes offered through some of the major employers and businesses.	4/23/2014 10:45 AM
3	n/a	4/22/2014 11:27 AM
4	I think as far as protecting people from an OSO incident or something like that, the best you can do is not allow people to build in unsafe places. As far as preparation for earthquake, information about preparing for the aftermath, like what can be put in an earthquake bin and where to put it on your property might be good - neighborhood meetings or e-mails are good for this.	4/19/2014 10:50 AM
5	The single biggest hole in West Seattle's preparedness is our complete lack of a hospital with emergency care. In the event of an earthquake or snow storm, this part of the city is cut off from anything beyond what Medic 1 can provide.	4/18/2014 10:06 PM
6	Several city agencies do a great job with social media. Tweet by Beat & other SPD updates are great. Does SNAP have a social media presence? I've found their presentations to be very helpful. I'm concerned that the efforts to increase developer/owner responsibility for mitigation is going to harm our small businesses and ultimately remove the personality and vibrancy of our neighborhoods, especially in historic districts such as SODO, Georgetown and Beacon Hill. Please consider the impacts empty storefronts would have on our communities: increased crime, reduced community engagement, higher unemployment. These are real, predictable risks that deserve mitigation at least as much as fire/earthquake/disease outbreaks.	4/18/2014 1:50 PM
7	I am active in organizing my community for disaster preparedness and appreciate the pro-active attitude Seattle is taking	4/18/2014 12:50 PM
8	I think it is unwise to limit this to people living or working inside of the areas shown in question #2. I have lived in this area for more than 40 years, and while I do not currently live or work in Seattle, it is still a major hub of activity, and the tendency for "Seattleites" and employees of the City of Seattle to ignore those of use living just outside of the city limits is shortsighted and narrow-minded. We travel to the city, do business in and with the city, and are just as likely to be impacted by disasters in the city.	4/16/2014 5:00 PM
9	I think it is really UNHELPFUL for those seminars I have attended around Seattle on Emergency Preparedness to say you only need 3 days of supplies. TOO many times with ice storms, power outages, etc...power has been out a week in many areas, sometimes more and of course, east of the mountains. I would think 3 weeks would be more like it...but if Seattle gets the "big one", more like 3 months, food, etc. stores up. Emergency help will be too busy with their families to tend to the public...I feel we would totally be on our own if something big happens..	4/16/2014 10:30 AM
10	I encourage workshops in Chinatown / ID with Chinese interpreting	4/15/2014 3:41 PM
11	how long have you been around to help out people	4/15/2014 3:38 PM
12	WE should follow San Francisco insisting on more seismic mitigation	4/15/2014 12:19 PM
13	Most concerned about helping my cat in an emergency situation.	4/14/2014 8:57 AM

14	V1	I think the City of Seattle does not monitor the developers enough. My experience has been that DPD is not sanctioning folks when they build outside of permits.	4/14/2014 8:14 AM
15		Seattle needs more CERT programs.	4/14/2014 8:10 AM
16		It would really help if community groups who want to prepare within communities had a way to connect with each other as through block watch. It should also be much higher on the city administration priority list. I would like to see an all city all school all government and corporate mandatory earthquake drill at least twice a year	4/12/2014 8:28 PM
17		Would like more information out there about where in my community, I would go after an earthquake for shelter, food/water supplies, electricity - phone charger, etc.	4/11/2014 1:19 PM
18		thank you for organizing this important work Cheers.	4/9/2014 10:58 PM
19		thank you for organizing this important work Cheers.	4/9/2014 10:56 PM
20		appreciate the CERT course offerings through SNAP	4/8/2014 7:29 PM
21		Test	4/8/2014 11:15 AM
22		The SDART and SNAP programs are invaluable in helping citizens prepare for disasters and hazards and for communicating during times of hot weather, winter storms and snow. These programs should continue to get funding and to expand their activities to additional areas and/or offer more in-depth training (such as actual role-playing in the neighborhoods). Thank you for asking !	4/8/2014 8:20 AM
23		I have found it hard to find my particular risks for flooding, tsunami and mudslide. The flood mapping done so far does not include my location in West Seattle. Is there mapping for mudslides/unstable earth available online? Identifying my personal risks is important so I can undertake personal mitigation projects; I wish there were a one-stop web map for natural hazards, or someone other than an insurance agent to ask. Thank you for your work!	4/7/2014 11:38 AM
24		I think a lot of homeowners aren't aware of what hazards are specific to their area, and they're not going to look through a large plan of jargon to find it. Having permanent maps up in community centers/libraries/public spaces/churches along with preparation/mitigation information would at least help, along with the usual public outreach at fairs, etc. Mailers may not be a bad idea, just a simple quarter-page focused on the mailing area. Also don't forget renters and what they can do! You can get flood/earthquake renter's insurance for not that much money (depending) and a lot of people are unaware of this. Or at the very least, offer coupons for first-aid kits and earthquake tape/anchoring and a quick info guide, with focused distribution to renter demographics - The Stranger, cafes, bars, farmers markets, thrift shops, bike shops? And college students!	4/7/2014 11:22 AM
25		Assign a law enforcement public outreach officer a more proactive role and reach out to the community that also includes association of owners for apartment, tenements, housing, condominium, single dwelling, small businesses and neighborhood association, , schools private, public, and preschool etc. to talk about how to be safe, crime, working together, community involvement.	4/7/2014 10:24 AM
26		Please, let's move now so that we can do the best for the people and our beautiful state.	4/6/2014 7:16 PM
27		Please remember that not everyone has a computer or is connected to the Internet.	4/3/2014 8:20 PM
28		Would be curious what steps the City of Seattle is taking to protect our potable water supply. It seems like the sewer infrastructure is aging and if an earthquake damages it further will we could have a major problem.	4/3/2014 5:55 PM
29		I am always happy that Seattle works to help the public be informed, and to seek our input. I love the SNAP classes!	4/3/2014 12:49 PM
30		To stay safe I would look for information other than the internet if I knew where to look or who to ask! I believe emergency management is extremely important in this city- especially with regards to earthquakes.	4/3/2014 9:25 AM
31		Make sure to apply Racial Equity and other social justice filters and toolkits to the plan, because the most impoverished and marginalized are the ones who are already suffering most, and will suffer most in future from disasters.	4/2/2014 12:22 PM

32	V1	Remember that not all folks are tech/ computer savy and or have limited access so Please Do Not just refer people to a website or social media. My parents not use PCs and rarely use their cell phone, but they do read the newspaper and watch local news (if not all depressing info). Hopefully they read some of the mail fliers or things I bring to them from a training I attended at work or a free weekend.	4/1/2014 11:47 AM
33		I think developers should be required to build in a way that protects people & the environment. I also think they should pay a fee into something like an environmental/emergency fund that is non-refundable and can be used to mitigate problems that their developments costs. A portion of the funds should also be used to repair or upgrade drainage systems & road repairs & natural habitat restoration.	4/1/2014 9:14 AM
34		We need earthquake drill at least once a year. Bury all power lines underground. Provide pedestrian side curbs for all streets.	3/31/2014 5:43 PM
35		As an architect I strongly believe that banning development on our sensitive slopes and vulnerable shorelines and wetlands will give us a more resilient city that is less prone to damage during a natural disaster.	3/31/2014 10:38 AM
36		I would like to find out how Seattle can make having earthquake shut of valves for all high rises, apartments, and condominiums.	3/31/2014 1:04 AM
37		50 years ago the city had a "leafless" forest or utility poles. City Light embarked on a plan to underground power lines (and the other utilities would follow) to reduce the visual pollution and power outages. Understanding that substations would still be vulnerable, but much easier to restore after most events (other than earthquakes). What is the status of undergrounding and when will City Light mitigate at least the most vulnerable areas? In the event of bridge failures across the Ship Canal what is the plan the establish foot traffic access? WTO presented a unique problem in that many downtown workers ad to cross the "closed" are to get transport home. Has a better plan been developed? Maybe stage busses to clear the downtown area and relocate buses to Bellevue to restart regular (modified) routes to north, east and south locations.	3/30/2014 12:09 PM
38		Personally, my biggest concern is a 9.0 earthquake. But the beauty of preparing for such a disaster is that you automatically prepare for others as well – planning for transportation, utility restoration, emergency response, healthcare delivery throughout the city, backing up city and company data offsite, building stronger community connections, etc. Structural retrofits for earthquake are a bit more specific, but also improve our odds in other circumstances. Thanks for seeking public comment. I'll be curious to see what responses you get.	3/30/2014 9:35 AM
39		We're all screwed, it's inevitable, worrying won't help much.	3/29/2014 4:34 PM
40		I am very tom on how to respond to many of these questions. I am very self reliant by nature so have taken some steps in these areas and DON'T see everything as the problem of the City, but I understand some things just can't be dealt with alone. The City will always take blame after any incident, and it probably shouldn't be the scapegoat, but that is reality so the City should prepare and get citizens to prepare.	3/29/2014 2:25 PM
41		One of the largest ongoing problems in my neighborhood is drainage. The streets flood in average rainstorms, and the drainage off the hill across the street is not properly dealt with by either property owners or the city/county. Developers MUST be made to properly midigate long term drainage issues.	3/29/2014 1:39 PM
42		A city wide hazard mitigation plan is a great idea especially as there are varying types and levels of hazards that are present in the city. Hopefully this plan will be widely available in different media (i.e. print, internet, social media.) Thank you for your efforts. Hopefully this will help all citizens better plan in emergencies.	3/29/2014 11:21 AM
43		I really hope the City can put more resources toward public education and awareness surrounding these issues. Also, I'd like more support from the City to help various neighborhoods model the excellent preparation that is being done in West Seattle. I'm concerned that while West Seattle has 11 communications hubs, I don't even know where the nearest hub is to me on Beacon Hill.	3/29/2014 9:03 AM
44		Getting people to physically practice the steps they will take in specific disasters seems to be the most effective way of getting people out of the "helpless" mode. I attended a lab safety class a couple years ago where we practiced putting out a fire with an extinguisher. It was a brainless activity, but now that I'm physically familiar with the act, I know I won't panic should I need to respond to a small fire. While focusing on evacuations etc is important, I think the flee fast mentality is what leads to pandemonium. Better to give people a skill set that helps them help others.	3/28/2014 10:58 PM

45	V1 West Seattle Blog and Tracy are incredible !!! Other news organizations should be so blessed to have folks so dedicated!!!	3/28/2014 9:27 PM
46	Thanks for your work on this.	3/28/2014 8:39 PM
47	There is so much building that I really worry about the quality of structures and how well they will hold up when impacted by severe weather or a natural disaster. Additionally, I believe there are serious issues with investments in our infrastructure and services that would need to quickly respond to a serious issue. Are we implementing the best systems and processes? Are we using the best tools and approaches or are we still relying on outdated tactics and strategies? I LOVE our city and I worry, a lot, that Seattle isn't keeping up with what's essential to our long term health, especially if something really serious happened here. Thank you for working on this.	3/28/2014 6:36 PM
48	Ty for all the work done on crisis communication sites after a major earthquake..makes me feel more comfortable.	3/28/2014 5:47 PM
49	Very concerned about earthquakes. Very concerned about crime and theft. Very concerned about planes flying over downtown Seattle!	3/28/2014 4:47 PM
50	Particularly interested on access to hospitals during events/disasters	3/28/2014 4:18 PM
51	A strong infrastructure is the most important mitigating factor in any disaster situation.	3/28/2014 3:57 PM
52	I would be interested in hearing what plans the city has to deal with the utility infrastructure damage that could occur as a result of a major seismic event. It seems that damage to primary water infrastructure components (mains, treatment plants, pump stations) would be of special concern.	3/28/2014 3:53 PM
53	Traffic is becoming unbearable during the rush hour commutes.	3/28/2014 3:05 PM
54	Perhaps a limited period of incentives to change could precede a mandatory regulation. This could sweep up 'low-hanging fruit' and reduce government costs for future compliance.	3/28/2014 2:32 PM
55	na	3/28/2014 2:20 PM
56	Delridge IS part of West Seattle. Please just label the entire peninsula "West Seattle." It's confusing to people and divisive to continue separating them.	3/28/2014 1:59 PM
57	Need to do more recruiting and training of SNAP volunteers. Need to do less about radio hubs - that is going to prove to be unimportant as the cell carriers strengthen the resiliency of their networks. Need to involve the local Chambers.	3/28/2014 1:22 PM
58	unfortunately our city is so bent on causing more problems like the tunnel which not only takes away from funding from seawalls and infrastructure but also could be a cause of deaths by flooding and collapse if disaster strikes. There are so many folks who own houses who are not able to retrofit because of costs. We don't want to live in fema camps. But I notice on social media like West Seattle preparedness isn't about neighbors helping neighbors it's just about basic information that is rarely updated and when you ask a question - no one has answers or attitude like it's not their problem.	3/27/2014 11:42 AM
59	One of the concerns I have is how can senior citizens on very fixed incomes afford some of the upgrades to their homes that might mitigate hazards.	3/27/2014 10:06 AM
60	I work in an old 1929 or older building (10 floors) in downtown Seattle. It is my understanding that buildings of this type are particularly dangerous during an earthquake (I believe I read that in a Seattle Times report during the Nisqually anniversary) and that it is grandfathered out of meeting updated building codes. I'm not sure what kind of upgrades could help a building like this, but I would love to see an assessment from the city and begin to help upgrade these buildings if possible, but be upfront with workers about the status of their building so we can make informed choices. It is terrifying to realize it could fall or sustain catastrophic damage in a major quake.	3/27/2014 9:53 AM
61	I think there is a lot we can learn from the OSO tragedy...there was science and reports generated for MANY years about how unsafe it was to BUILD where the community needs to be dug out...and yet communities were allowed to grow up in this unsafe place! WHAT happened around permitting and protection???	3/26/2014 11:05 PM
62	This is a very important topic that requires more support and attention from the City.	3/26/2014 9:35 PM
63	Thank you for your hard work.	3/26/2014 9:26 PM
64	You are not asking what I am willing to pay for these. Or maybe the government should not be held responsible if people choose to live in flood plains or landslide prone areas.	3/26/2014 7:11 PM

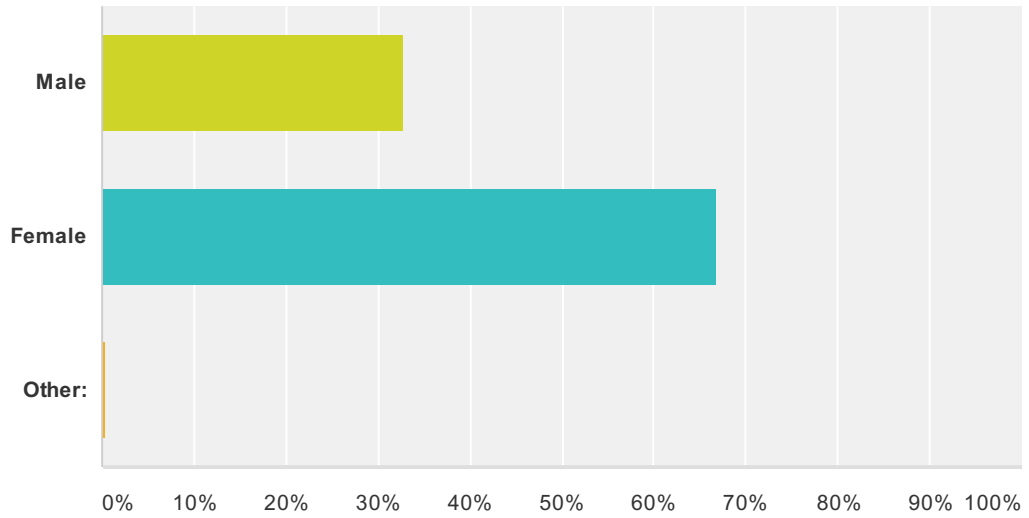
65	V1	There should be a CERT group in each neighborhood.	3/26/2014 7:10 PM
66		Keep landslide areas largely undeveloped. Prevent construction, especially of high density housing, in areas of risk and prone to natural or man-made disasters.	3/26/2014 4:52 PM
67		We might consider using bicycles that may be able to get through washed out roads as disaster relief.	3/26/2014 3:25 PM
68		None	3/26/2014 2:36 PM
69		I live in an area that has already had many landslides. Over the objections of many citizens, DPD approved a four-house subdivision where one house used to stand. The level part of that lot is now almost completely covered in houses and pavement. Supposedly, the complex drainage system will detain the run off and release it gradually into our neighborhoods ditches and culverts, which already overflow when it rains hard. If that part of the steep slope continues to slide, it will be the City's fault for approving that subdivision. What do we have to do to stop irresponsible development?	3/26/2014 12:17 PM
70		1. The City should restore support for neighborhood preparedness such as the Communications Hubs - a volunteer program continuing in spite of being recently largely abandoned by the City. 2. The city should utilize the leadership of local community councils to create additional resiliency in the event of an disaster. A program led by the city and using volunteers from the various community councils would be an effective way of creating a support system for disasters that is currently missing.	3/26/2014 12:08 PM
71		Restrict building on steep hillsides in heavily populated areas, evaluate steep areas for building to be done by individuals who have nothing to gain by the results of the evaluation. IE, a home on Whidby Is. On steep cliff over Saratoga pass was for sale, 1st inspector found Avery large cave had eroded into the cliff 1/2 way to the beach, directly under the house. The home failed the inspection such that no loan was approved. A different inspector was hired and approved the home and house was sold. This large cave was clearly visible from the water. These practices endanger communities!	3/26/2014 10:51 AM
72		There seems to be a disconnect between the Hazard Mitigation Plan and the Department of Planning and Development. Major risks are not considered when developing neighborhood plans - specifically in the Duwamish Industrial Area and SODO.	3/26/2014 10:28 AM
73		having lived in seattle before SNAP was in place, the city supported neighborhoods to have emergency teams, and i miss that enormously since it helped us organize and feel supported: i suggest we go back to that model ASAP!	3/26/2014 9:46 AM
74		FHA response teams	3/26/2014 6:18 AM
75		We appreciate all the work you do. Fostering neighborhoods (intentional families) in times of need are very important and the neighborhood night's out are great.	3/25/2014 10:32 PM
76		The recent landslide has people everywhere concerned about ground stability. Is Magnolia at risk? How would we know? The Oso residents claim they never were informed by the state of the impending, documented and known risks in that area even though the army core did.	3/25/2014 10:09 PM
77		If I didn't subscribe to the SNAP mailing list. where else could I find information? Your website sucks!	3/25/2014 8:40 PM
78		The state of WA needs to have a state income tax...in order to assist in providing the funds for all of # 4. AND....there has to be a stop to deception and to the amount of stealing that occurs in the government. Why is a company...my partner's company charges the Navy \$220,000.00 for an order and their profit is \$140,000.00...please tell me what is wrong with this...or the state paying \$100,000.00 to someone to NOT come to work... The insanity has got to stop...doesn't it?	3/25/2014 7:57 PM
79		How does one report hazards? Our neighborhood has had water problems forever--Greenwood below the peat hill--but nothing seems to be done. The water problems change with the years. What was a flood in the front yards has moved to the back. The heavier rains mean that pumps have to be manned whenever rain is forecast.	3/25/2014 7:28 PM
80		Many people have a wait and see attitude that it wont happen and IF it does there will be enough water/food to go around, so they do not prepare. The problem is to get these people motivated	3/25/2014 6:04 PM
81		Need more public awareness of risks- more information on widely broadcast networks and outlets about risks, response resources etc. Subsidies for mitigation measures in homes and businesses Share open information about going beyond building code to ensure that homes and businesses are usable after an earthquake.	3/25/2014 5:28 PM

82	V1	You have great start with CERT and SNAP We need in depth FREE classes in first aid. The citizens day certification was perfunctory at best while CPR seemed fine. I cannot pay but am so willing to be trained!! We need strong, detailed and obtainable plan from the City as to what citizens should do, where to go, evacuation plans? Would like to see a funded public service announcement campaign with tv spots during news hour.	3/25/2014 5:16 PM
83		I would like to see the most recent maps of fault lines in Seattle, as well as maps and written information about the different types of soils in the Puget Sound region, such as the Anacortes type soil, which should never be built on. An example of this type soil is the Lynnwood area. I would also like the public to have maps of flood and landslide zones and training as to where to build or not to build.	3/25/2014 4:18 PM
84		Why isn't the city (or state or country) addressing the ongoing Fukushima nuclear disaster, which is pouring hundreds of tons of contaminated water into the Pacific ocean every day? This will, if it hasn't already, impact the air we breathe, the moisture that falls on us, our seafood supply, and any contact we have with ocean waters. Again, this disaster is ONGOING, and could get much worse, but most people seem to be unaware.	3/25/2014 3:26 PM
85		I regularly think about earthquakes when I'm working downtown, and I have only received emergency preparedness training when I was volunteering for the federal gov with AmeriCorps. It is super helpful to continue to education and do public awareness campaigns so that there is less chaos in the event of a disaster or crisis.	3/25/2014 3:26 PM
86		Look for support through Northwest Healthcare Response Network (formally known as the King County Healthcare Coalition)	3/25/2014 3:21 PM
87		Seattle's infrastructure needs to be upgraded, not just as a cosmetic to appease taxpayers, but to improve viability in an emergency. To wit: we should begin a ten year or so programme to bury all power lines; roadways need to be fully repaired, not just patched (and a policy of "if you break a concrete panel, you replace the whole panel, not just the portion you chiseled out, would help here!), and the ongoing upgrading of sewer lines needs to be quickened.	3/25/2014 3:08 PM
88		Many of my neighbors don't speak English. I do wonder/worry about whether or not they have access to information about hazards and what they can do to prepare for and mitigate issues.	3/25/2014 3:02 PM
89		I manage a large apartment community downtown. I would like to have resources to make residents new to the area aware of potential hazards and what they can do to be prepared.	3/25/2014 2:44 PM
90		I actively prepare to participate in a disaster response, particularly in helping neighbors and joining emergency communications networks.	3/25/2014 2:41 PM
91		Why is SE Seattle on the map and not a reference to SODO or Greater Duwamish? Please update!	3/25/2014 1:04 PM
92		I think a lot of people are ambivalent. It will be hard to get people interested in making preparations, especially those in second language communities. I remember seeing large fiberboard barrels at the fire station near Harborview that were full of emergency supplies. These were left over from the cold war; but a large barrel full of basics stored in a basement or closet would be useful for people.	3/25/2014 8:35 AM
93		My major concerns for disasters are: 1) Global Warming. Making sure that the Seattle area has appropriate rights, etc. on water is important. In addition, making sure our waterways are clean enough to support fishing/shellfishing/etc with increasingly acidic oceans. 2) Military attack (either N. Korea or Terrorist attacks)	3/24/2014 11:55 PM
94		As far as 4D above... we'd have to take out 1000's of homes in Ballard, Magnolia, West Seattle, and Lake City to even START to have an impact. That opportunity to make any meaningful headway - was lost to us decades ago. 4E - we are going to have to care for each other - government resources will take over a week to respond - by then - we'd best have cared for ourselves. 4A - we don't really prevent developers from developing in unsafe areas. And we allow them to run their runoff "next door" or down the hill.	3/24/2014 10:01 PM
95		Thanks for showing an interest in my thoughts.	3/24/2014 6:24 PM
96		After a major earthquake major neighborhood-wide fires could occur in dense areas, especially if water infrastructure is damaged and fire dept can't respond due to (1) amount of need, (2) lack of water, and (3) roads impassable. Vancouver BC has planned ahead by building a secondary water main system to key areas connected to massive seawater pumps with emergency generators. Also they have identified and signed major disaster response routes to be kept open for, and used by, disaster response agencies.	3/24/2014 5:49 PM

97 V1	Disaster readiness in the hours after the Nisqually Quake was terrible. There was no information available about whether or not any residential areas or schools were affected or how bad they were affected. When a quake strikes during business hours, people want to know which regions of the city are hit worst and importantly which are not damaged. Clear information and reporting of this nature was sorely lacking, and the city needs to work on a plan similar to school closures on snow days whereby updates or all-clears can be given for schools and residential areas so people can get a sense for whether or not they should leave work to deal with a disaster, take care of pets, help elderly neighbors, etc.	3/24/2014 2:43 PM
98	Given the probability of an earthquake on any of the numerous faults around here, I should strongly hope that the City would have in place ways to get potable water (and generator-driven electricity hubs so people can charge their devices and communicate via social media) to people very rapidly post-event. Better yet, pre-place resources, like gennies, fuel, large scale filters, and collapsible water carriers, so all that has to be done is to plug and play. The City should simultaneously encourage families to purchase water filters (or provide info on how to make them from household items) and educate them on how to collect and filter water and safely handle human waste without spreading disease. The city could and should move beyond the "3 days 3 ways" slogan and communicate to residents the nitty-gritty details of how to function longer term if, say, the Big One hits and your neighborhood (in my case, West Seattle) is essentially inaccessible due to bridge collapse - and it takes several days or more to get disaster response teams/supplies in by air or boat. On a different matter, the possibility of a grid collapse due to any number of causes (infrastructure failure due to aged components, cyber-terrorism, storm damage, Carrington event or solar storm, etc.) and the impact it would have is huge. Apparently the lead time for transformers is 18 months and they are not manufactured in the US any more, by which time most people would have died if they could not evacuate. They city would be wise to examine its needs and have on hand a couple of hardened step-down transformers so that the lives of millions of citizens wouldn't be at the mercy of overseas manufacturers and months or years of delay. Yes, they are expensive! Redundancy enables resilience! Does the City have a means and a plan to get power back up in the event of a big grid failure? Just think about the fact that if there is even one hub for a big area where people can get news, charge batteries, etc., how far that would go to support citizen morale and diminish the incidence of anti-social behavior.	3/23/2014 11:01 PM
99	I recently search the Public Library catalog for books related to disaster preparedness and was dumbfounded to find almost nothing aside from a bunch of technical government reports. There's lots of information on the internet, but it's much of it is scattered among dozens of sites. www.ready.gov is probably the best. I saw a billboard with that web address, which was the first I'd heard of it. More publicity needed!	3/23/2014 1:04 PM
100	We just started an Islamic Emergency Management page to offer alerts, educational information, opportunities for EM involvement, primarily a dissemination page for Muslims in the Puget Sound to share information. We are primarily asking that all Islamic Centers, Muslim Organizations, Muslim Student Associations and Islamic Businesses join. Muslim Leadership interested and participating in Emergency Management will be posting, Janice Tufte, Mohamed Ali, Shaikh Mohammed Hassan and more. (eventually we will develop the page, I started today & I posted this April 8th meeting and survey SEE HERE https://www.facebook.com/abdurrahman.ali.338)	3/21/2014 11:45 AM

Q8 What is your gender?

Answered: 676 Skipped: 32

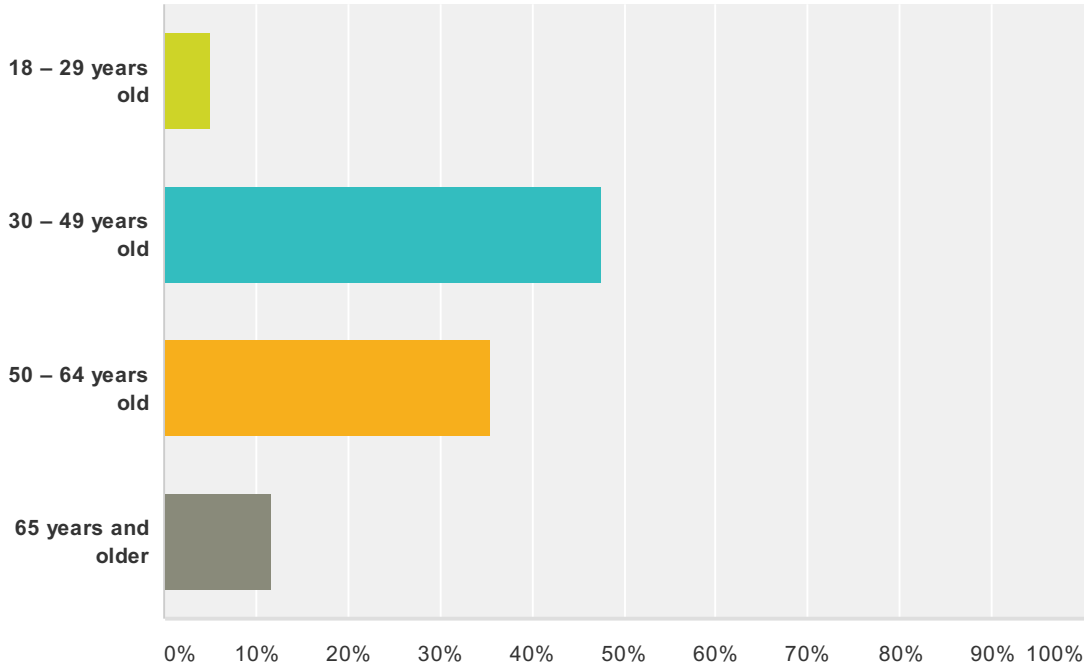


Answer Choices	Responses
Male	32.69% 221
Female	66.86% 452
Other:	0.44% 3
Total	676

#	Other:	Date
1	prefer not to say	3/28/2014 2:00 PM
2	canine	3/25/2014 4:20 PM
3	Sex: female, gender: female. You need to change this question to sex, because I believe that that is what you are looking for. Why would you need to know my gender?	3/25/2014 2:52 PM

Q9 What is your age?

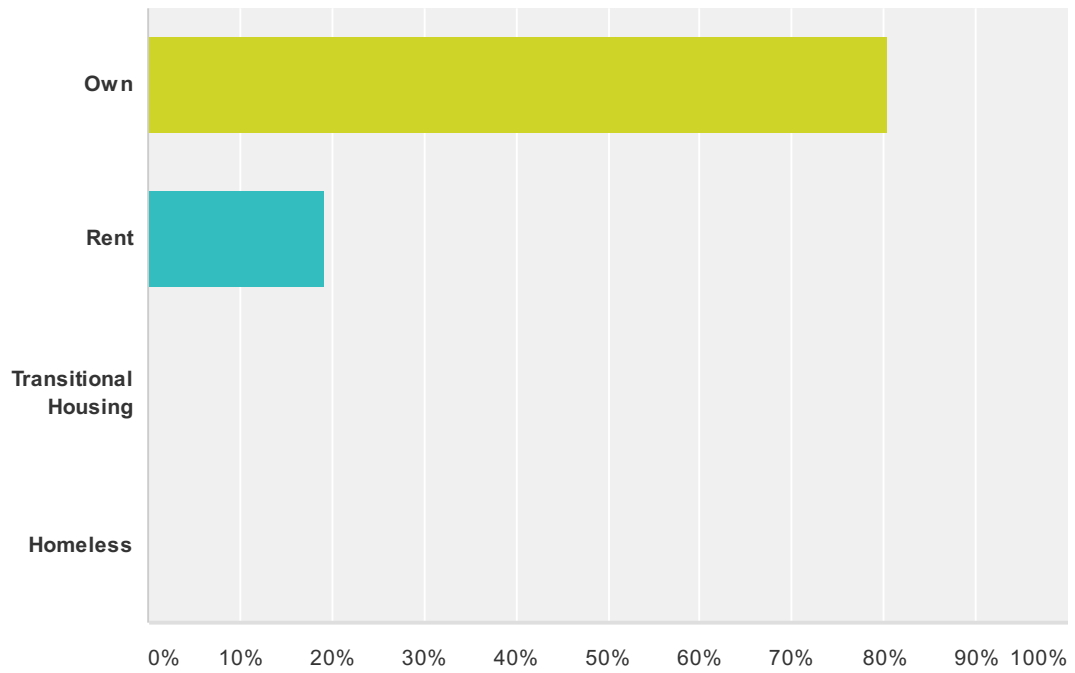
Answered: 672 Skipped: 36



Answer Choices	Responses
18 – 29 years old	5.06% 34
30 – 49 years old	47.62% 320
50 – 64 years old	35.57% 239
65 years and older	11.76% 79
Total	672

Q10 Do you own or rent your home?

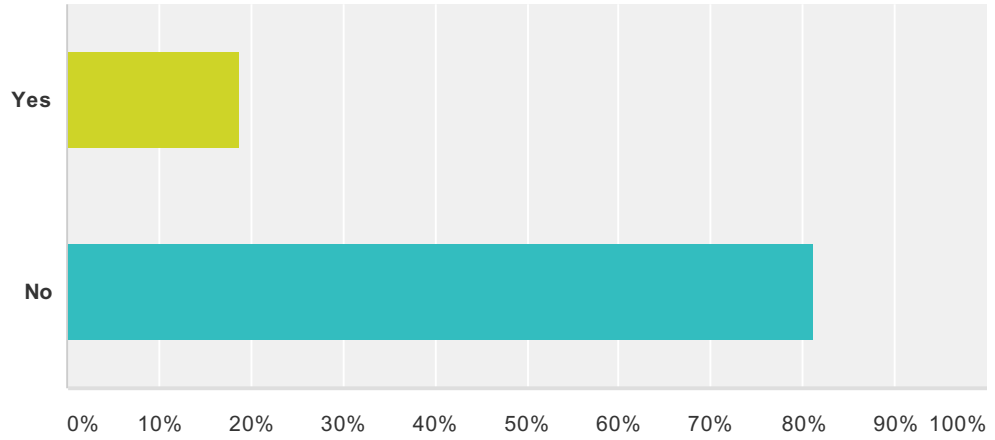
Answered: 674 Skipped: 34



Answer Choices	Responses	
Own	80.42%	542
Rent	19.14%	129
Transitional Housing	0.15%	1
Homeless	0.30%	2
Total		674

Q11 Do you own a business?

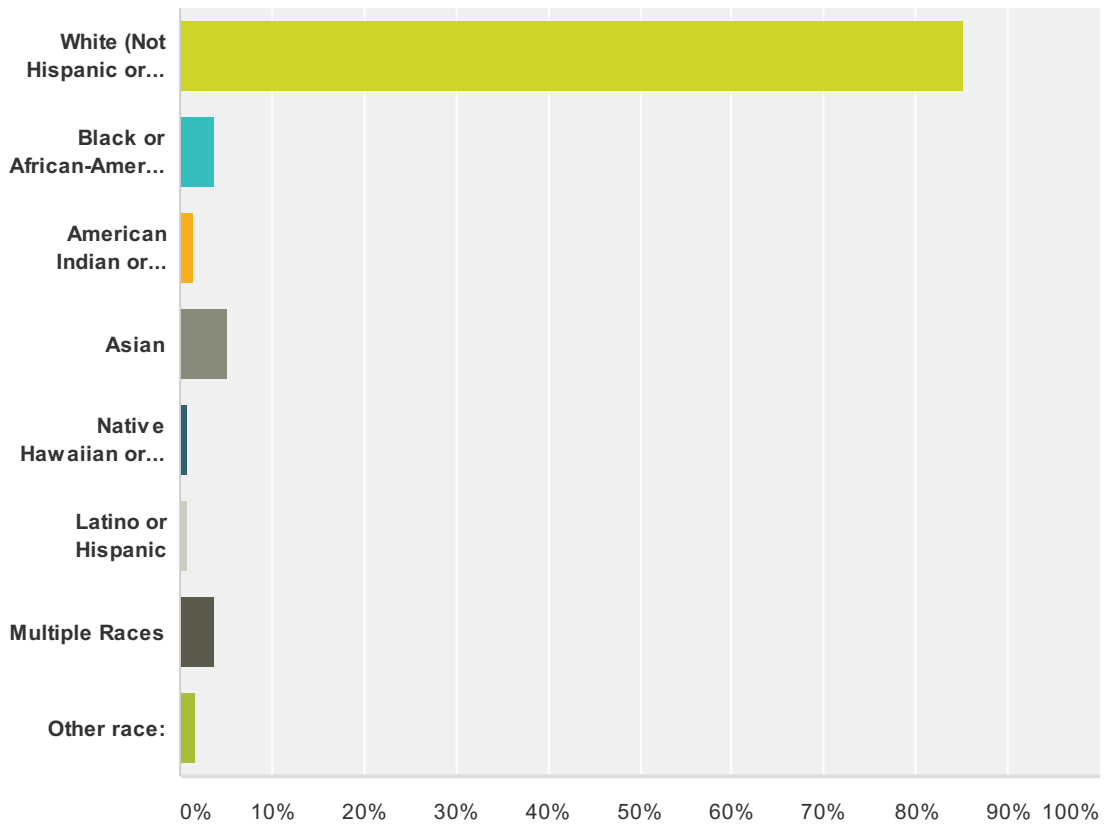
Answered: 668 Skipped: 40



Answer Choices	Responses	
Yes	18.71%	125
No	81.29%	543
Total		668

Q12 How would you identify your race?

Answered: 661 Skipped: 47



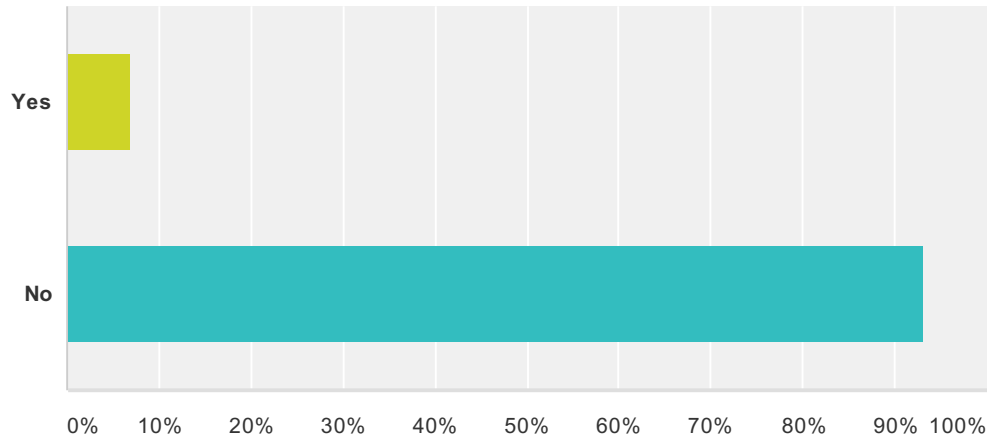
Answer Choices	Responses
White (Not Hispanic or Latino)	85.17% 563
Black or African-American (Not Hispanic or Latino)	3.78% 25
American Indian or Alaskan Native	1.36% 9
Asian	5.14% 34
Native Hawaiian or other Pacific Islander	0.76% 5
Latino or Hispanic	0.91% 6
Multiple Races	3.78% 25
Other race:	1.66% 11
Total Respondents: 661	

#	Other race:	Date
1	Mainly "White" European but with some Athabaskan and Mayan in the mix	4/1/2014 8:32 AM
2	nunya	3/28/2014 11:01 PM
3	Doesn't Matter	3/28/2014 3:21 PM
4	prefer not to say	3/28/2014 2:00 PM
5	Atlantic Islander	3/27/2014 10:09 AM

6	V1	not a valid concept	3/26/2014 9:35 PM
7		American-Filipino	3/26/2014 12:54 PM
8		European American	3/26/2014 11:22 AM
9		canine	3/25/2014 4:20 PM
10		Eastern European: Polish	3/25/2014 3:10 PM
11		Human	3/25/2014 2:44 PM

Q13 Do you have a disability?

Answered: 665 Skipped: 43



Answer Choices	Responses	
Yes	6.92%	46
No	93.08%	619
Total		665

Q14 What is your household size?

Answered: 629 Skipped: 79

#	Responses	Date
1	2	4/24/2014 3:19 AM
2	1	4/23/2014 5:40 PM
3	2	4/23/2014 3:34 PM
4	4	4/23/2014 3:26 PM
5	4	4/23/2014 2:04 PM
6	2 people	4/23/2014 1:46 PM
7	2	4/23/2014 10:46 AM
8	2	4/23/2014 9:32 AM
9	900sqf	4/23/2014 9:18 AM
10	4	4/23/2014 8:57 AM
11	2	4/23/2014 8:56 AM
12	2	4/23/2014 8:17 AM
13	2	4/23/2014 8:08 AM
14	2 adults	4/23/2014 7:04 AM
15	5	4/23/2014 6:22 AM
16	5	4/23/2014 6:18 AM
17	3	4/22/2014 9:28 PM
18	4	4/22/2014 9:23 PM
19	4	4/22/2014 8:51 PM
20	3	4/22/2014 8:36 PM
21	2	4/22/2014 8:26 PM
22	1	4/22/2014 6:53 PM
23	2	4/22/2014 5:01 PM
24	Three	4/22/2014 4:19 PM
25	2	4/22/2014 4:09 PM
26	4	4/22/2014 2:44 PM
27	4	4/22/2014 1:18 PM
28	2	4/22/2014 12:32 PM
29	1	4/22/2014 12:17 PM
30	2 plus pet	4/22/2014 12:17 PM
31	3	4/22/2014 12:12 PM
32	1	4/22/2014 11:42 AM
33	2	4/22/2014 11:37 AM
34	2	4/22/2014 11:28 AM

35	V1	2	4/22/2014 10:45 AM
36		2	4/22/2014 10:32 AM
37		4	4/19/2014 10:51 AM
38		3	4/18/2014 10:07 PM
39		3	4/18/2014 8:32 PM
40		1	4/18/2014 7:55 PM
41		3	4/18/2014 6:02 PM
42		1	4/18/2014 3:27 PM
43		3	4/18/2014 1:55 PM
44		3	4/18/2014 1:50 PM
45		2	4/18/2014 1:43 PM
46		1	4/18/2014 12:51 PM
47		4	4/18/2014 12:05 PM
48		4	4/18/2014 10:29 AM
49		6	4/17/2014 2:36 PM
50		2 adults, 1 child	4/17/2014 8:45 AM
51		3	4/16/2014 10:07 PM
52		5	4/16/2014 5:01 PM
53		1	4/16/2014 1:21 PM
54		2	4/16/2014 11:16 AM
55		2	4/15/2014 3:51 PM
56		4	4/15/2014 3:49 PM
57		1	4/15/2014 3:47 PM
58		2	4/15/2014 3:44 PM
59		4	4/15/2014 3:42 PM
60		2	4/15/2014 3:38 PM
61		1	4/15/2014 3:22 PM
62		1	4/15/2014 1:56 PM
63		2	4/15/2014 1:38 PM
64		1	4/15/2014 12:52 PM
65		3	4/15/2014 12:20 PM
66		1	4/15/2014 11:55 AM
67		4	4/15/2014 11:48 AM
68		2	4/15/2014 7:10 AM
69		m	4/14/2014 10:09 PM
70		2	4/14/2014 12:36 PM
71		2 Adults	4/14/2014 11:56 AM
72		2	4/14/2014 11:52 AM
73		2 people, 2 cats	4/14/2014 11:43 AM
74		4	4/14/2014 11:08 AM

75	V1	2	4/14/2014 10:48 AM
76		2	4/14/2014 10:41 AM
77		2	4/14/2014 10:07 AM
78		1	4/14/2014 10:06 AM
79		2	4/14/2014 9:42 AM
80		1	4/14/2014 9:35 AM
81		4	4/14/2014 9:25 AM
82		5	4/14/2014 9:07 AM
83		5	4/14/2014 9:05 AM
84		1	4/14/2014 9:01 AM
85		2	4/14/2014 8:58 AM
86		4	4/14/2014 8:54 AM
87		2	4/14/2014 8:41 AM
88		2	4/14/2014 8:24 AM
89		3	4/14/2014 8:23 AM
90		1	4/14/2014 8:22 AM
91		2	4/14/2014 8:14 AM
92		2	4/14/2014 8:11 AM
93		2 adults	4/14/2014 8:07 AM
94		2	4/14/2014 8:07 AM
95		2	4/13/2014 8:13 PM
96		4	4/13/2014 6:49 PM
97		4	4/13/2014 5:02 PM
98		2	4/13/2014 10:54 AM
99		3	4/12/2014 8:29 PM
100		3	4/12/2014 2:06 PM
101		2	4/12/2014 12:13 AM
102		3	4/11/2014 5:37 PM
103		2	4/11/2014 3:26 PM
104		1	4/11/2014 1:19 PM
105		1	4/11/2014 12:40 PM
106		3	4/11/2014 11:49 AM
107		4	4/11/2014 11:34 AM
108		1	4/11/2014 9:57 AM
109		4	4/11/2014 9:21 AM
110		2	4/11/2014 9:00 AM
111		one person	4/10/2014 2:59 PM
112		4	4/10/2014 2:25 PM
113		3	4/10/2014 1:00 PM
114		3	4/9/2014 10:59 PM

115	V1	2	4/9/2014 10:10 PM
116		4 people	4/9/2014 9:14 PM
117		2	4/9/2014 1:26 PM
118		4	4/9/2014 1:00 PM
119		4	4/9/2014 11:56 AM
120		2	4/9/2014 10:30 AM
121		2	4/9/2014 10:23 AM
122		4	4/9/2014 10:20 AM
123		2 people, 1 dog	4/9/2014 10:12 AM
124		4	4/9/2014 2:40 AM
125		2	4/8/2014 10:45 PM
126		2	4/8/2014 10:39 PM
127		2	4/8/2014 7:31 PM
128		6	4/8/2014 7:18 PM
129		3	4/8/2014 7:14 PM
130		2	4/8/2014 6:47 PM
131		2	4/8/2014 9:52 AM
132		4 - 2 adults, 2 kids	4/8/2014 8:37 AM
133		1, sometimes 2	4/8/2014 8:20 AM
134		2	4/7/2014 3:52 PM
135		2	4/7/2014 3:04 PM
136		3	4/7/2014 12:44 PM
137		2	4/7/2014 12:26 PM
138		1	4/7/2014 12:23 PM
139		1	4/7/2014 11:38 AM
140		4	4/7/2014 11:25 AM
141		4	4/7/2014 11:22 AM
142		2	4/7/2014 11:19 AM
143		4 people sharing a house.	4/7/2014 11:13 AM
144		4	4/7/2014 10:24 AM
145		2	4/7/2014 10:20 AM
146		3	4/7/2014 10:19 AM
147		3	4/6/2014 11:51 PM
148		3	4/6/2014 8:24 PM
149		1 with 7 housemates	4/6/2014 7:35 PM
150		2	4/6/2014 7:17 PM
151		4	4/6/2014 6:48 PM
152		3	4/6/2014 5:43 PM
153		2	4/6/2014 3:40 PM
154		1	4/6/2014 3:37 PM

155	V1	one	4/5/2014 7:13 PM
156		3	4/5/2014 10:40 AM
157		4	4/5/2014 7:11 AM
158		2	4/5/2014 6:32 AM
159		3	4/5/2014 2:31 AM
160		3	4/5/2014 2:22 AM
161		3	4/4/2014 11:03 PM
162		5	4/4/2014 10:46 PM
163		3	4/4/2014 10:13 PM
164		2	4/4/2014 6:44 PM
165		2	4/4/2014 3:17 PM
166		1	4/4/2014 1:24 PM
167		1	4/4/2014 12:22 PM
168		1	4/4/2014 12:12 PM
169		3	4/3/2014 10:31 PM
170		2	4/3/2014 8:20 PM
171		2	4/3/2014 6:46 PM
172		2	4/3/2014 6:14 PM
173		4	4/3/2014 5:56 PM
174		2	4/3/2014 2:42 PM
175		2	4/3/2014 2:25 PM
176		3	4/3/2014 1:40 PM
177		2	4/3/2014 1:33 PM
178		1	4/3/2014 12:50 PM
179		1	4/3/2014 10:16 AM
180		2	4/3/2014 9:25 AM
181		2	4/3/2014 9:10 AM
182		2	4/3/2014 8:38 AM
183		2	4/3/2014 8:36 AM
184		3	4/3/2014 12:35 AM
185		1	4/2/2014 8:21 PM
186		2	4/2/2014 3:08 PM
187		3	4/2/2014 12:23 PM
188		2	4/2/2014 11:58 AM
189		3	4/2/2014 7:55 AM
190		2	4/1/2014 10:55 PM
191		2	4/1/2014 10:31 PM
192		3	4/1/2014 7:59 PM
193		4	4/1/2014 6:50 PM
194		4	4/1/2014 2:45 PM

195	V1	4	4/1/2014 1:44 PM
196		2	4/1/2014 12:54 PM
197		1	4/1/2014 12:39 PM
198		2	4/1/2014 11:48 AM
199		4	4/1/2014 11:46 AM
200		2	4/1/2014 11:43 AM
201		Two	4/1/2014 10:33 AM
202		2	4/1/2014 9:26 AM
203		2	4/1/2014 9:15 AM
204		3	4/1/2014 9:12 AM
205		4	4/1/2014 8:45 AM
206		2	4/1/2014 8:37 AM
207		Two. My husband and I ~ We are grandparents	4/1/2014 8:32 AM
208		2	4/1/2014 8:17 AM
209		1	3/31/2014 10:43 PM
210		2 + 2 cats	3/31/2014 9:35 PM
211		1	3/31/2014 8:56 PM
212		1	3/31/2014 8:41 PM
213		2	3/31/2014 8:22 PM
214		2	3/31/2014 8:11 PM
215		1	3/31/2014 5:43 PM
216		2	3/31/2014 3:50 PM
217		one	3/31/2014 3:35 PM
218		2	3/31/2014 2:39 PM
219		two	3/31/2014 2:21 PM
220		2	3/31/2014 2:21 PM
221		2	3/31/2014 2:09 PM
222		4	3/31/2014 2:02 PM
223		3	3/31/2014 1:58 PM
224		2	3/31/2014 1:34 PM
225		4	3/31/2014 1:27 PM
226		two adults	3/31/2014 11:55 AM
227		2	3/31/2014 11:28 AM
228		2	3/31/2014 11:01 AM
229		2	3/31/2014 10:55 AM
230		2	3/31/2014 10:48 AM
231		3	3/31/2014 10:38 AM
232		2	3/31/2014 10:16 AM
233		3	3/31/2014 9:49 AM
234		1	3/31/2014 9:39 AM

235	V1	4	3/31/2014 9:36 AM
236		2	3/31/2014 9:19 AM
237		3	3/31/2014 8:35 AM
238		1	3/31/2014 8:01 AM
239		2	3/31/2014 7:53 AM
240		1	3/31/2014 1:05 AM
241		3	3/31/2014 12:15 AM
242		2	3/30/2014 10:10 PM
243		3	3/30/2014 9:52 PM
244		2	3/30/2014 7:21 PM
245		2	3/30/2014 6:55 PM
246		3	3/30/2014 4:26 PM
247		2	3/30/2014 2:44 PM
248		2	3/30/2014 1:32 PM
249		2 persons	3/30/2014 12:10 PM
250		4	3/30/2014 11:45 AM
251		2	3/30/2014 9:45 AM
252		1	3/30/2014 9:35 AM
253		6	3/29/2014 11:11 PM
254		1	3/29/2014 11:07 PM
255		2 adults, 2 kids	3/29/2014 10:50 PM
256		2 adults, 1 child	3/29/2014 10:13 PM
257		1	3/29/2014 9:21 PM
258		3	3/29/2014 9:17 PM
259		1	3/29/2014 9:17 PM
260		2	3/29/2014 8:39 PM
261		2 adults	3/29/2014 7:59 PM
262		2	3/29/2014 7:40 PM
263		2	3/29/2014 4:35 PM
264		4	3/29/2014 3:59 PM
265		2	3/29/2014 2:56 PM
266		2	3/29/2014 2:51 PM
267		2	3/29/2014 2:42 PM
268		2	3/29/2014 2:26 PM
269		1 person plus dog	3/29/2014 1:42 PM
270		2	3/29/2014 1:39 PM
271		2	3/29/2014 1:21 PM
272		1	3/29/2014 12:41 PM
273		2	3/29/2014 12:26 PM
274		5	3/29/2014 11:21 AM

275	V1	3	3/29/2014 11:21 AM
276		2	3/29/2014 11:16 AM
277		4	3/29/2014 10:38 AM
278		1	3/29/2014 10:27 AM
279		1	3/29/2014 10:11 AM
280		2	3/29/2014 10:09 AM
281		4	3/29/2014 10:00 AM
282		2	3/29/2014 9:51 AM
283		2	3/29/2014 9:23 AM
284		Four	3/29/2014 9:04 AM
285		2	3/29/2014 8:54 AM
286		2	3/29/2014 8:03 AM
287		2	3/29/2014 8:02 AM
288		2	3/29/2014 8:01 AM
289		1	3/29/2014 7:54 AM
290		2	3/29/2014 7:52 AM
291		2	3/29/2014 7:51 AM
292		3	3/29/2014 7:14 AM
293		4	3/29/2014 7:00 AM
294		2	3/29/2014 6:29 AM
295		3	3/29/2014 6:17 AM
296		2	3/29/2014 5:52 AM
297		2	3/29/2014 5:03 AM
298		2	3/29/2014 4:57 AM
299		6	3/29/2014 1:01 AM
300		3	3/29/2014 12:40 AM
301		4	3/29/2014 12:11 AM
302		2 adults	3/28/2014 11:39 PM
303		4	3/28/2014 11:31 PM
304		4	3/28/2014 11:15 PM
305		4	3/28/2014 11:01 PM
306		2	3/28/2014 10:55 PM
307		3	3/28/2014 10:54 PM
308		1	3/28/2014 10:52 PM
309		2	3/28/2014 10:44 PM
310		3	3/28/2014 10:43 PM
311		5	3/28/2014 10:39 PM
312		3	3/28/2014 10:36 PM
313		2	3/28/2014 10:32 PM
314		2	3/28/2014 10:32 PM

315	V1	1	3/28/2014 10:29 PM
316		Two married lesbian adults.	3/28/2014 10:27 PM
317		2	3/28/2014 10:26 PM
318		2	3/28/2014 10:21 PM
319		2	3/28/2014 10:02 PM
320		4	3/28/2014 9:54 PM
321		5	3/28/2014 9:31 PM
322		1	3/28/2014 9:27 PM
323		2	3/28/2014 9:18 PM
324		1	3/28/2014 9:07 PM
325		3	3/28/2014 9:04 PM
326		2	3/28/2014 8:48 PM
327		4	3/28/2014 8:47 PM
328		2	3/28/2014 8:47 PM
329		4	3/28/2014 8:41 PM
330		4	3/28/2014 8:39 PM
331		2	3/28/2014 8:27 PM
332		4	3/28/2014 8:09 PM
333		4	3/28/2014 7:45 PM
334		1	3/28/2014 7:39 PM
335		2	3/28/2014 7:20 PM
336		3	3/28/2014 7:13 PM
337		2	3/28/2014 7:05 PM
338		4	3/28/2014 7:03 PM
339		4	3/28/2014 6:50 PM
340		2	3/28/2014 6:36 PM
341		3	3/28/2014 6:33 PM
342		2	3/28/2014 6:28 PM
343		2	3/28/2014 6:27 PM
344		2	3/28/2014 6:25 PM
345		4	3/28/2014 6:20 PM
346		1	3/28/2014 6:15 PM
347		2	3/28/2014 6:12 PM
348		2	3/28/2014 6:09 PM
349		1	3/28/2014 6:01 PM
350		1	3/28/2014 6:00 PM
351		5	3/28/2014 5:59 PM
352		1	3/28/2014 5:59 PM
353		4	3/28/2014 5:56 PM
354		1 human, 2 dogs	3/28/2014 5:53 PM

355	V1	2	3/28/2014 5:50 PM
356		one	3/28/2014 5:48 PM
357		2	3/28/2014 5:34 PM
358		2	3/28/2014 5:29 PM
359		3	3/28/2014 5:28 PM
360		1	3/28/2014 5:28 PM
361		small	3/28/2014 5:23 PM
362		5	3/28/2014 5:23 PM
363		1	3/28/2014 5:20 PM
364		3	3/28/2014 5:18 PM
365		2	3/28/2014 5:18 PM
366		1	3/28/2014 5:09 PM
367		1	3/28/2014 5:09 PM
368		2	3/28/2014 5:06 PM
369		2	3/28/2014 4:55 PM
370		5	3/28/2014 4:52 PM
371		2	3/28/2014 4:52 PM
372		4	3/28/2014 4:47 PM
373		3	3/28/2014 4:47 PM
374		3 people	3/28/2014 4:45 PM
375		2	3/28/2014 4:42 PM
376		3	3/28/2014 4:38 PM
377		2	3/28/2014 4:37 PM
378		3	3/28/2014 4:35 PM
379		3	3/28/2014 4:32 PM
380		2	3/28/2014 4:32 PM
381		1	3/28/2014 4:30 PM
382		4	3/28/2014 4:23 PM
383		3	3/28/2014 4:18 PM
384		4	3/28/2014 4:15 PM
385		4	3/28/2014 4:12 PM
386		7	3/28/2014 4:08 PM
387		4	3/28/2014 4:05 PM
388		2	3/28/2014 4:03 PM
389		4	3/28/2014 4:02 PM
390		2	3/28/2014 3:57 PM
391		4	3/28/2014 3:55 PM
392		1	3/28/2014 3:54 PM
393		4	3/28/2014 3:50 PM
394		2	3/28/2014 3:47 PM

395	V1	1	3/28/2014 3:46 PM
396		2	3/28/2014 3:33 PM
397		2	3/28/2014 3:30 PM
398		4	3/28/2014 3:23 PM
399		3	3/28/2014 3:22 PM
400		1	3/28/2014 3:21 PM
401		2	3/28/2014 3:13 PM
402		1	3/28/2014 3:13 PM
403		2	3/28/2014 3:13 PM
404		1	3/28/2014 3:12 PM
405		4	3/28/2014 3:09 PM
406		one	3/28/2014 3:06 PM
407		2	3/28/2014 3:06 PM
408		Just me	3/28/2014 3:03 PM
409		1	3/28/2014 3:02 PM
410		2	3/28/2014 3:02 PM
411		4	3/28/2014 3:01 PM
412		2	3/28/2014 3:01 PM
413		3	3/28/2014 3:01 PM
414		4	3/28/2014 2:53 PM
415		2	3/28/2014 2:43 PM
416		1	3/28/2014 2:42 PM
417		2	3/28/2014 2:42 PM
418		1	3/28/2014 2:40 PM
419		4	3/28/2014 2:39 PM
420		1	3/28/2014 2:37 PM
421		2	3/28/2014 2:36 PM
422		One	3/28/2014 2:32 PM
423		3 bdrms	3/28/2014 2:31 PM
424		3	3/28/2014 2:31 PM
425		2	3/28/2014 2:24 PM
426		6	3/28/2014 2:23 PM
427		2	3/28/2014 2:19 PM
428		2 adults	3/28/2014 2:18 PM
429		2	3/28/2014 2:18 PM
430		1	3/28/2014 2:18 PM
431		2	3/28/2014 2:15 PM
432		3 plus pets	3/28/2014 2:09 PM
433		2	3/28/2014 2:05 PM
434		1 Person	3/28/2014 2:05 PM

435	V1 prefer not to say	3/28/2014 2:00 PM
436	2	3/28/2014 1:23 PM
437	5	3/28/2014 11:27 AM
438	4	3/28/2014 11:19 AM
439	2	3/28/2014 9:58 AM
440	one person	3/28/2014 6:38 AM
441	2	3/27/2014 5:29 PM
442	2	3/27/2014 3:09 PM
443	2	3/27/2014 12:47 PM
444	2	3/27/2014 12:42 PM
445	2	3/27/2014 11:43 AM
446	2	3/27/2014 11:28 AM
447	4	3/27/2014 11:22 AM
448	1	3/27/2014 11:21 AM
449	1	3/27/2014 11:21 AM
450	4	3/27/2014 11:20 AM
451	3	3/27/2014 11:20 AM
452	2 and 2 dogs	3/27/2014 11:20 AM
453	2	3/27/2014 11:19 AM
454	3	3/27/2014 11:19 AM
455	5	3/27/2014 11:17 AM
456	3	3/27/2014 11:16 AM
457	2	3/27/2014 11:14 AM
458	3	3/27/2014 10:24 AM
459	1450 sqft	3/27/2014 10:09 AM
460	1	3/27/2014 10:06 AM
461	3	3/27/2014 9:53 AM
462	3	3/27/2014 9:45 AM
463	3	3/27/2014 9:05 AM
464	Two adults and one part-time resident	3/26/2014 11:48 PM
465	2	3/26/2014 11:14 PM
466	one person	3/26/2014 11:06 PM
467	1	3/26/2014 9:35 PM
468	3	3/26/2014 9:28 PM
469	2 people (is that what you mean?)	3/26/2014 9:27 PM
470	4	3/26/2014 9:18 PM
471	1	3/26/2014 7:10 PM
472	4	3/26/2014 6:57 PM
473	2	3/26/2014 4:54 PM
474	2	3/26/2014 4:17 PM

475	V1	4	3/26/2014 4:11 PM
476		2	3/26/2014 4:06 PM
477		4	3/26/2014 3:54 PM
478		2	3/26/2014 3:38 PM
479		2	3/26/2014 3:36 PM
480		3	3/26/2014 3:29 PM
481		4	3/26/2014 3:27 PM
482		2	3/26/2014 3:25 PM
483		2	3/26/2014 3:13 PM
484		3,000 sq. ft.	3/26/2014 3:06 PM
485		2	3/26/2014 3:03 PM
486		1	3/26/2014 2:55 PM
487		2	3/26/2014 2:37 PM
488		2	3/26/2014 1:49 PM
489		2	3/26/2014 1:09 PM
490		2	3/26/2014 12:54 PM
491		2	3/26/2014 12:29 PM
492		3	3/26/2014 12:19 PM
493		2 adults, one cat	3/26/2014 12:17 PM
494		4	3/26/2014 12:13 PM
495		3	3/26/2014 12:11 PM
496		3	3/26/2014 12:08 PM
497		2	3/26/2014 12:04 PM
498		2	3/26/2014 11:56 AM
499		1	3/26/2014 11:39 AM
500		2	3/26/2014 11:22 AM
501		1	3/26/2014 11:20 AM
502		5	3/26/2014 11:05 AM
503		2	3/26/2014 11:03 AM
504		3000 sq ft	3/26/2014 10:52 AM
505		1	3/26/2014 10:42 AM
506		1	3/26/2014 10:28 AM
507		2	3/26/2014 10:21 AM
508		1 person, occasionally one dog	3/26/2014 9:47 AM
509		1	3/26/2014 9:34 AM
510		1	3/26/2014 9:33 AM
511		1	3/26/2014 9:12 AM
512		2	3/26/2014 9:08 AM
513		2	3/26/2014 8:51 AM
514		5	3/26/2014 8:44 AM

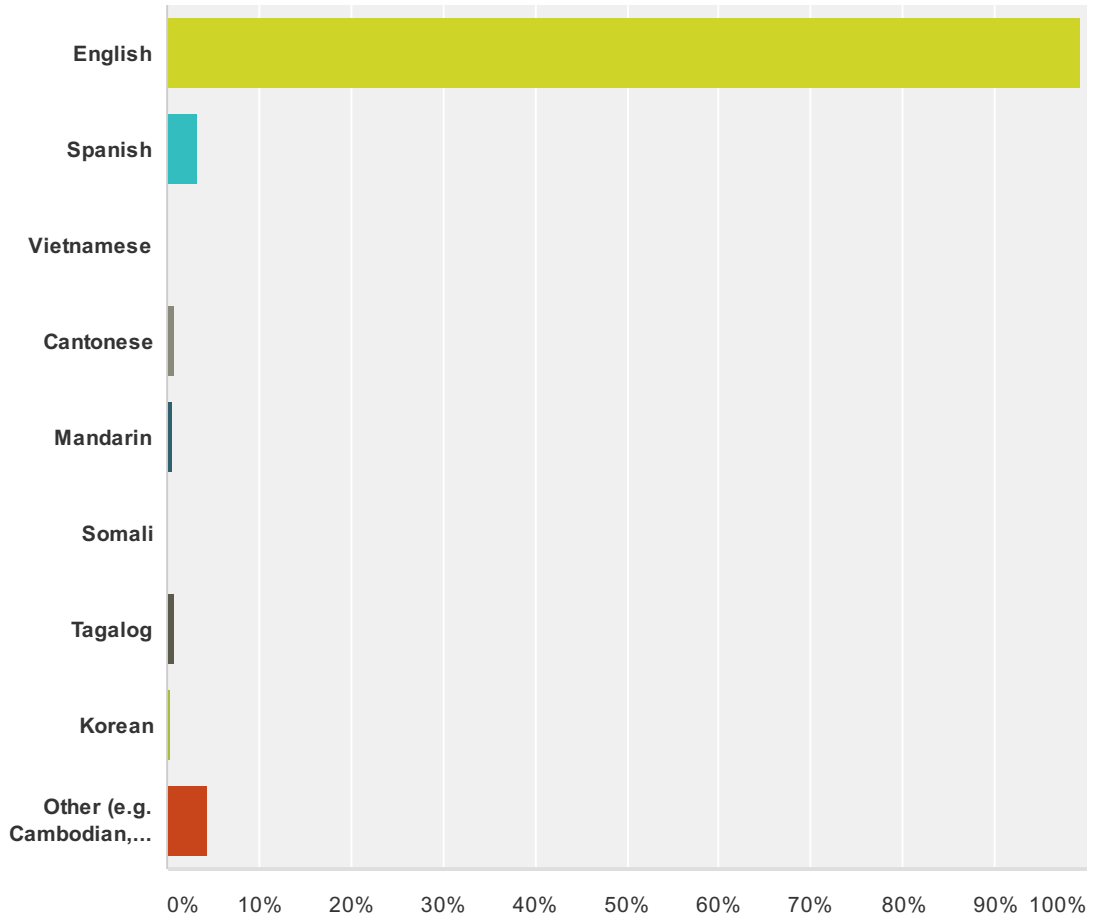
515	V1	2	3/26/2014 8:31 AM
516		4	3/26/2014 8:20 AM
517		3	3/26/2014 8:11 AM
518		3	3/26/2014 7:56 AM
519		2	3/26/2014 7:46 AM
520		4	3/26/2014 7:40 AM
521		4	3/26/2014 7:20 AM
522		2	3/26/2014 6:45 AM
523		1	3/26/2014 6:19 AM
524		4	3/26/2014 6:17 AM
525		2	3/25/2014 11:42 PM
526		7	3/25/2014 10:40 PM
527		4	3/25/2014 10:32 PM
528		2	3/25/2014 10:00 PM
529		5	3/25/2014 9:57 PM
530		4	3/25/2014 9:56 PM
531		2	3/25/2014 9:37 PM
532		2	3/25/2014 9:06 PM
533		3	3/25/2014 8:54 PM
534		2	3/25/2014 8:35 PM
535		2 adults, 1 child	3/25/2014 8:16 PM
536		2	3/25/2014 8:05 PM
537		2	3/25/2014 8:04 PM
538		2 people - 2 cats	3/25/2014 7:57 PM
539		2	3/25/2014 7:57 PM
540		2 adults	3/25/2014 7:29 PM
541		4	3/25/2014 6:44 PM
542		1	3/25/2014 6:05 PM
543		2 adults	3/25/2014 6:03 PM
544		1	3/25/2014 5:56 PM
545		1	3/25/2014 5:53 PM
546		1	3/25/2014 5:36 PM
547		2	3/25/2014 5:35 PM
548		4 people	3/25/2014 5:28 PM
549		One	3/25/2014 5:16 PM
550		2	3/25/2014 5:11 PM
551		2	3/25/2014 5:04 PM
552		2	3/25/2014 5:01 PM
553		2	3/25/2014 4:56 PM
554		3	3/25/2014 4:38 PM

555	V1	2	3/25/2014 4:33 PM
556		2	3/25/2014 4:32 PM
557		6	3/25/2014 4:30 PM
558		2	3/25/2014 4:26 PM
559		2	3/25/2014 4:23 PM
560		4	3/25/2014 4:20 PM
561		2	3/25/2014 4:19 PM
562		2	3/25/2014 4:18 PM
563		1	3/25/2014 4:15 PM
564		2	3/25/2014 3:50 PM
565		2	3/25/2014 3:48 PM
566		1	3/25/2014 3:43 PM
567		3	3/25/2014 3:32 PM
568		2	3/25/2014 3:29 PM
569		2	3/25/2014 3:29 PM
570		4	3/25/2014 3:29 PM
571		2	3/25/2014 3:27 PM
572		2	3/25/2014 3:27 PM
573		1	3/25/2014 3:23 PM
574		3	3/25/2014 3:22 PM
575		2	3/25/2014 3:21 PM
576		2	3/25/2014 3:18 PM
577		2	3/25/2014 3:16 PM
578		1	3/25/2014 3:14 PM
579		1	3/25/2014 3:10 PM
580		2	3/25/2014 3:10 PM
581		3	3/25/2014 3:05 PM
582		2	3/25/2014 3:04 PM
583		2	3/25/2014 3:02 PM
584		1 plus pets	3/25/2014 2:59 PM
585		2 adults	3/25/2014 2:59 PM
586		2	3/25/2014 2:58 PM
587		2	3/25/2014 2:54 PM
588		3	3/25/2014 2:53 PM
589		2	3/25/2014 2:52 PM
590		two	3/25/2014 2:51 PM
591		2	3/25/2014 2:48 PM
592		3	3/25/2014 2:48 PM
593		2	3/25/2014 2:47 PM
594		1	3/25/2014 2:44 PM

595	V1	3	3/25/2014 2:44 PM
596		2 adults	3/25/2014 2:41 PM
597		4	3/25/2014 1:04 PM
598		2 adults & 3 children	3/25/2014 10:16 AM
599		3	3/25/2014 9:39 AM
600		2	3/25/2014 9:34 AM
601		2400 sq. ft. or do you mean two people?	3/25/2014 8:36 AM
602		5	3/25/2014 8:10 AM
603		5	3/24/2014 11:55 PM
604		2	3/24/2014 10:02 PM
605		2 adults	3/24/2014 9:43 PM
606		3	3/24/2014 7:38 PM
607		2	3/24/2014 6:25 PM
608		2	3/24/2014 5:50 PM
609		2	3/24/2014 5:19 PM
610		2	3/24/2014 5:03 PM
611		3	3/24/2014 4:57 PM
612		4	3/24/2014 2:44 PM
613		4	3/24/2014 2:07 PM
614		3	3/24/2014 12:30 PM
615		5	3/24/2014 12:19 PM
616		4	3/24/2014 7:39 AM
617		2 + cat	3/24/2014 7:26 AM
618		3	3/23/2014 11:01 PM
619		1	3/23/2014 9:24 PM
620		4	3/23/2014 2:34 PM
621		2	3/23/2014 2:20 PM
622		2	3/23/2014 1:43 PM
623		Self only	3/23/2014 1:07 PM
624		2	3/21/2014 6:50 PM
625		1	3/21/2014 2:07 PM
626		2	3/21/2014 1:50 PM
627		2	3/21/2014 1:05 PM
628		single in SRO house Low Income LIHI 8 women total	3/21/2014 11:46 AM
629		2	3/21/2014 10:27 AM

Q15 What languages are spoken in your home?

Answered: 675 Skipped: 33



Answer Choices		Responses	
English		99.41%	671
Spanish		3.41%	23
Vietnamese		0.30%	2
Cantonese		0.89%	6
Mandarin		0.59%	4
Somali		0.15%	1
Tagalog		0.89%	6
Korean		0.44%	3
Other (e.g. Cambodian, Amharic, Oromo, Tigrinya):		4.30%	29
Total Respondents: 675			
#	Other (e.g. Cambodian, Amharic, Oromo, Tigrinya):	Date	
1	Japanese	4/23/2014 9:32 AM	

2	V1	German	4/22/2014 8:36 PM
3		Russian	4/18/2014 1:50 PM
4		Samoa	4/14/2014 8:54 AM
5		Welsh (Cymraeg)	4/12/2014 12:13 AM
6		Japanese	4/11/2014 5:37 PM
7		poetry, mathematics.	4/9/2014 10:59 PM
8		Amharic	4/7/2014 12:23 PM
9		Arabic	4/6/2014 7:17 PM
10		Polish	4/6/2014 5:43 PM
11		Some tagalog, ilocano, spanish, & olelo/ hawai`ian	4/1/2014 11:48 AM
12		Polish	4/1/2014 9:26 AM
13		Arabic	3/31/2014 8:11 PM
14		Khmer - what you call Cambodian	3/30/2014 10:10 PM
15		Fukien	3/28/2014 6:50 PM
16		Dutch	3/28/2014 3:06 PM
17		Greek	3/28/2014 2:05 PM
18		prefer not to say	3/28/2014 2:00 PM
19		French	3/27/2014 11:17 AM
20		Albanian	3/26/2014 6:57 PM
21		french	3/26/2014 9:47 AM
22		Russian	3/25/2014 9:57 PM
23		Arabic, Flemish, German	3/25/2014 4:20 PM
24		ASL	3/25/2014 3:32 PM
25		Latvian	3/25/2014 3:16 PM
26		Polish, Japanese, French	3/25/2014 3:10 PM
27		German	3/24/2014 5:19 PM
28		Japanese	3/24/2014 2:44 PM
29		Farsi	3/21/2014 1:05 PM