



Seattle Office  
of Emergency  
Management

# Emergency Preparedness Survey 2015



pre·pare *verb* /pri'pe(ə)r/  
: to get ready

Emergency Preparedness Survey Report  
PRR, Inc.  
June 30, 2015



# Table of Contents

Executive Summary	3
<i>Purpose</i>	3
<i>Methodology</i>	3
<i>Key Findings</i>	4
Demographic Profile	5
Preparedness Importance and Likelihood of Events	6
Awareness of Preparedness Campaigns	7
Website Familiarity	8
General Preparedness	9
Self-reported Days Prepared for Disaster	10
Key Factors to Preparedness for Food, Water, Warmth, Supplies, & Medicine	11
Key Factors to Preparedness for Food and Water	12
Appendix: Copy of Mailed Survey	13
Appendix: Frequencies of all Survey Results	16

# Executive Summary

## Purpose of the Survey

PRR, in collaboration with the Seattle Office of Emergency Management (OEM), conducted research to:

- Measure the level of awareness and need for preparing for disasters with new and standardized measures for use in future surveys.
- Measure the level of preparedness for the residents of Seattle and the effectiveness of public education programs to educate and motivate people to take action to prepare.
- Compare the survey results to previous studies to determine if the level of awareness and preparedness has changed.
- Determine if there has been change in how people in Seattle receive their information and who influences them to take action.
- Identify if there are trends for particular demographics.
- Identify barriers to preparedness and compare to other research to see if there are new barriers that need to be considered in developing outreach campaigns or programs.

The results of the survey will be used to inform OEM future communication/outreach efforts to further improve the disaster preparedness of Seattle citizens.

## Methodology

PRR and OEM developed a statistically valid mail survey. The final survey had 21 questions and provided postage for easy mail back, or allowed for respondents to take the survey online. A copy of the survey is provided in the appendix of this report.

On April 24, 2015, PRR mailed the final survey to 10,000 randomly selected households within the city limits of Seattle. Respondents were allowed to respond via mail or online until May 15, 2015. Respondents were also allowed to respond online in Spanish. To ensure that target ethnic groups were represented, 28 interviews were completed via telephone in both Spanish and Mandarin, with another 31 completed in Vietnamese (87 total for a target of 25 each). Telephone surveys were also attempted in Somali, but the participation rate was very low (refused) and thus only 2 interviews were conducted in Somali. A reminder postcard was sent one-week after the initial survey was mailed. Each resident that was mailed a survey was also provided a unique ID number that was required to take the online survey, and was used to ensure that only invited residents included in the random sample completed the survey. The ID number was also used to ensure that residents took the survey one time only.

The survey was completed by 1,786 respondents, for a 18% response rate. Most of the completed surveys were returned by mail, but 25% were completed using the online version and 5% were completed by phone. The final sample only includes Seattle residents and those with valid, as well as non-duplicative, survey ID numbers. The margin of error is +/- 2.3%. To ensure demographic representation, data was weighted using census data by age, and home ownership to match the demographic profile of Seattle.

The results are presented in the following report. Note that some totals in the charts may add up to somewhat less or somewhat more than 100% due to rounding, particularly where respondents provided multiple responses. All reported relationships are statistically significant at the .05 level with correlations > .10. Lastly, when relevant, or if comparable questions are asked, results similar to the 2012 and 2013 surveys are noted.

## Key Findings

- Overall decreases in preparedness from previous surveys, but data in previous surveys was not weighted for homeowners/renters and homeowners are more likely to be prepared for more days of food and water compared to renters.
- Overall most respondents (75%) have 3 days or less worth of food and water prepared for disasters, and they know this is not enough.
- Earthquakes are a main concern, as are infrastructure collapse.
- There is a slight increase in remembrance of a specific campaign influencing respondents to be more prepared than in past surveys. Take Winter by Storm (18%), Ready.gov (12%), and What to Do to Make it Through (11%) were the most influential or remembered.
- Many respondents (79%) have heard about the importance of preparedness, but many are still not adequately prepared. Only about half of respondents indicate they should be prepared for 7 or more days in case of a disaster.
- The Emergency Management website is not a key source of preparedness information as many (76%) have not been to this website.
- Respondents taking the survey in a language other than English prepare and generally store drinking water for more days than English speaking respondents.
- Almost a third of respondents (27%) reported having all the recommended preparedness items (water, food, medicine, warmth, and supplies) for three days or more, but only 5% have all items for seven days or more.
- A few more respondents have at least food and water for three days or more (36%) or seven days or more (8%).
- Respondents are more likely to be prepared for at least 3 days or more with all the recommended items (food, water, medicine, warmth, and supplies) if they:
  - Heard of a specific campaign (could name one),
  - Are older,
  - Are male,
  - Know they should prepare for more days for a disaster, **or**
  - They feel it is important to prepare for most types of disasters.
- Respondents are more likely to be prepared for at least 3 days or more with just food and water if they:
  - Are non-English survey responders,
  - Heard of a specific campaign (could name),
  - Are older,
  - Are female,
  - Home owner, **or**
  - They know they should prepare more days for a disaster.

# Demographic Profile

*(Weighted by Home Ownership and Age to Match Census Data for Seattle)*

## Gender

- Male -- 43%
- Female -- 56%

## Age

- 18 to 34 – 31%
- 35 to 54 – 37%
- 55 to 74 – 23%
- 75 and over – 8%

## Home Status

- Own Home – 48%
- Rent/Stay Friends/family – 52%

## Commute Outside

Seattle 3+ Days – 28%

Hispanic/Latino background – 7%

## Race

- Black/African American – 3%
- White/Caucasian – 80%
- American Indian or Alaska Native – 1%
- Asian – 11%
- Native Hawaiian/Pacific Islander – >1%
- Other race or combination – 4%

## Income

- Below \$35,000 – 21%
- \$35,000 and above – 79%

## Marital Status

- Married/Cohabiting – 53%
- Single – 33%
- Divorced/Widow/Other – 13%

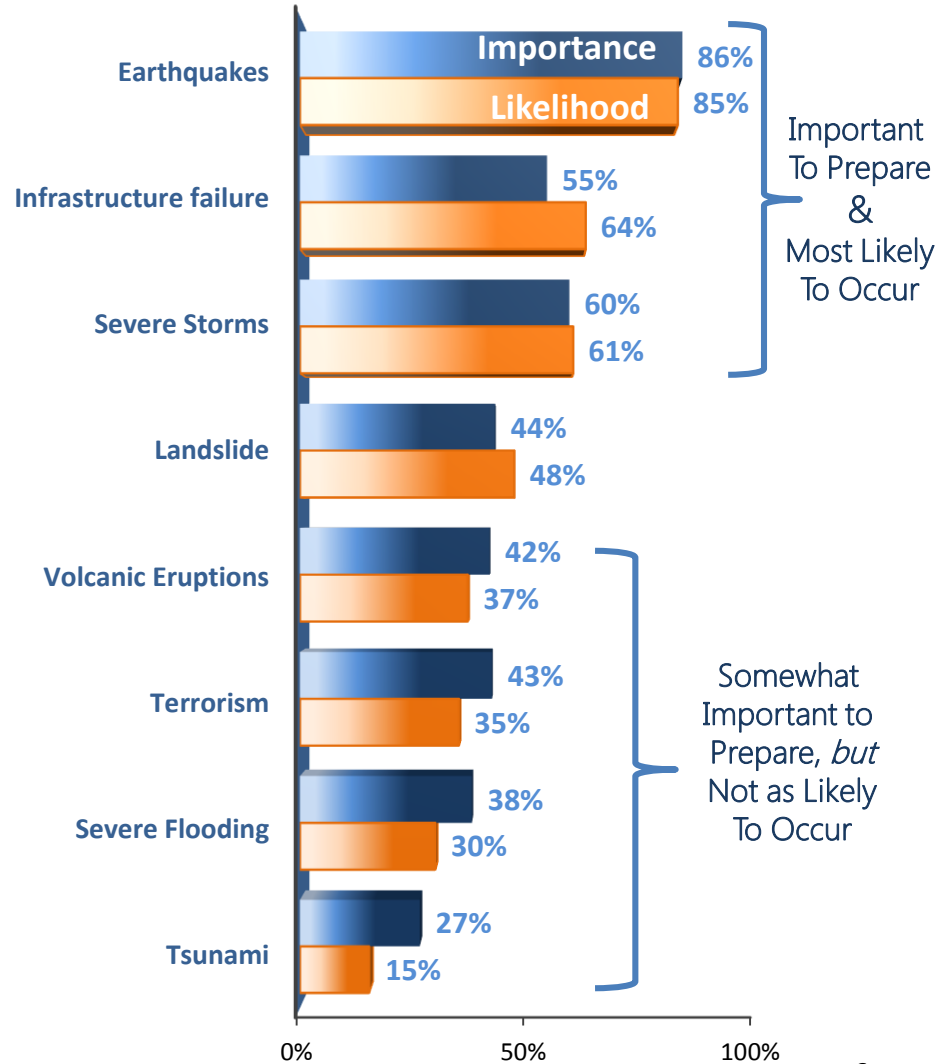
# Preparedness Importance and Likelihood of Events

- Most of the respondents (60%+) indicate the most likely events to occur and be prepared for are earthquakes, infrastructure failures, and severe storms.
- However, about 1/3 to 2/5ths of respondents indicate it is important to prepare for other events (e.g. landslides, eruptions, terrorism, severe flooding, and tsunamis) even though these events are less likely to occur.

**MORE LIKELY** to indicate occurrence and importance of disaster events:

- Homeowners (particularly earthquakes)
- Native American/Alaskan/Hawaiian/ Pacific Islander
- Widowers
- Older (particularly terrorism)

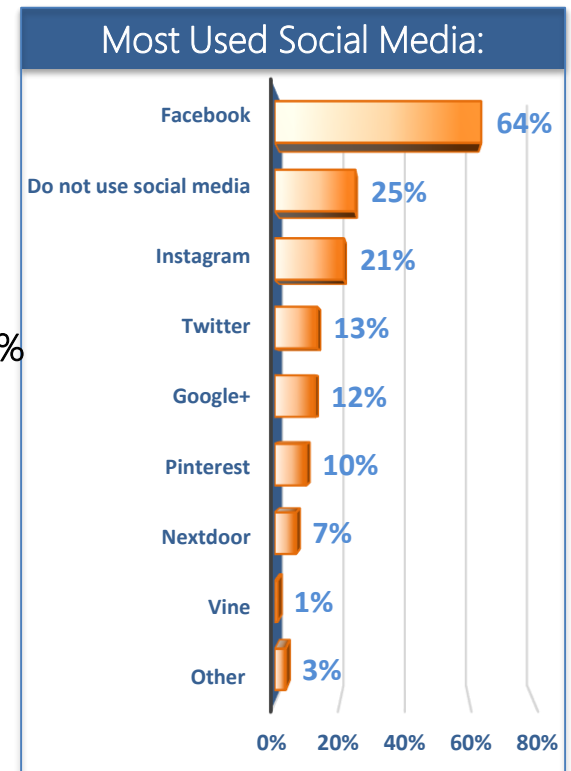
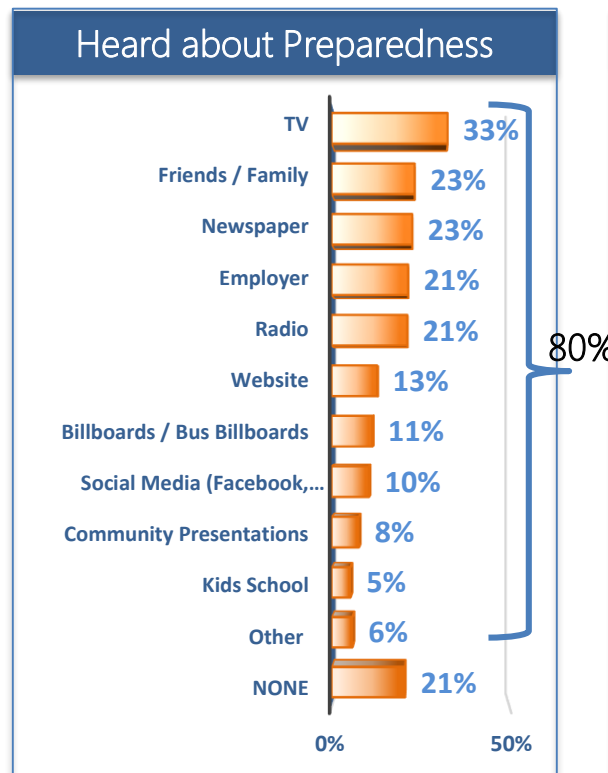
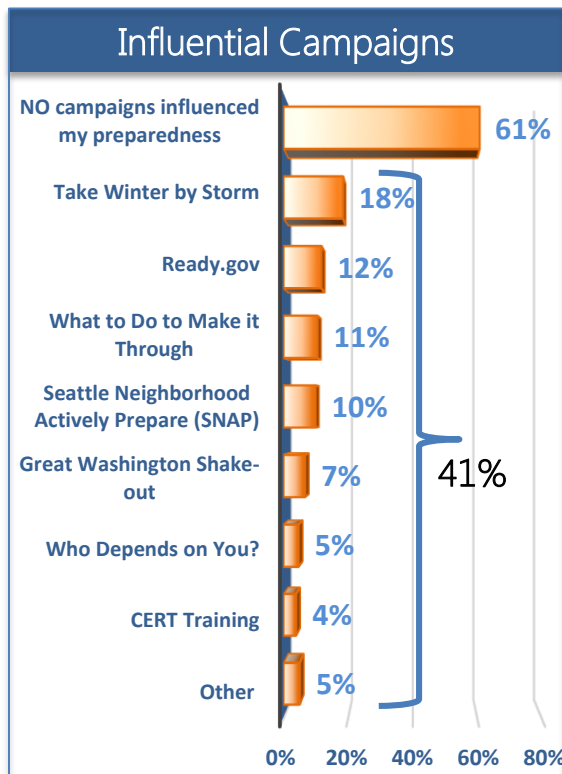
**Importance to be Prepared & Likelihood to Occur (rated as 5, 6, or 7 where 7 is very likely and important)**



BASE: ALL SURVEY RESPONDENTS (N=1730)

# Awareness of Preparedness Campaigns\*\*

- Most of the respondents (61%) can not remember a specific campaign, but two-fifths (41%) were influenced to be more prepared by a campaign.\* Also at least three quarters of respondents (80%) remember hearing about preparedness importance.\*
- For those that did indicate they were influenced by a campaign; *Take Winter by Storm* (18%), *Ready.gov* (12%), and *What to Do to Make it Through* (11%) were the most influential or remembered.\*
- Most respondents use Facebook (64%), Instagram (21%), and Twitter (13%), but a quarter (25%) do not use social media.

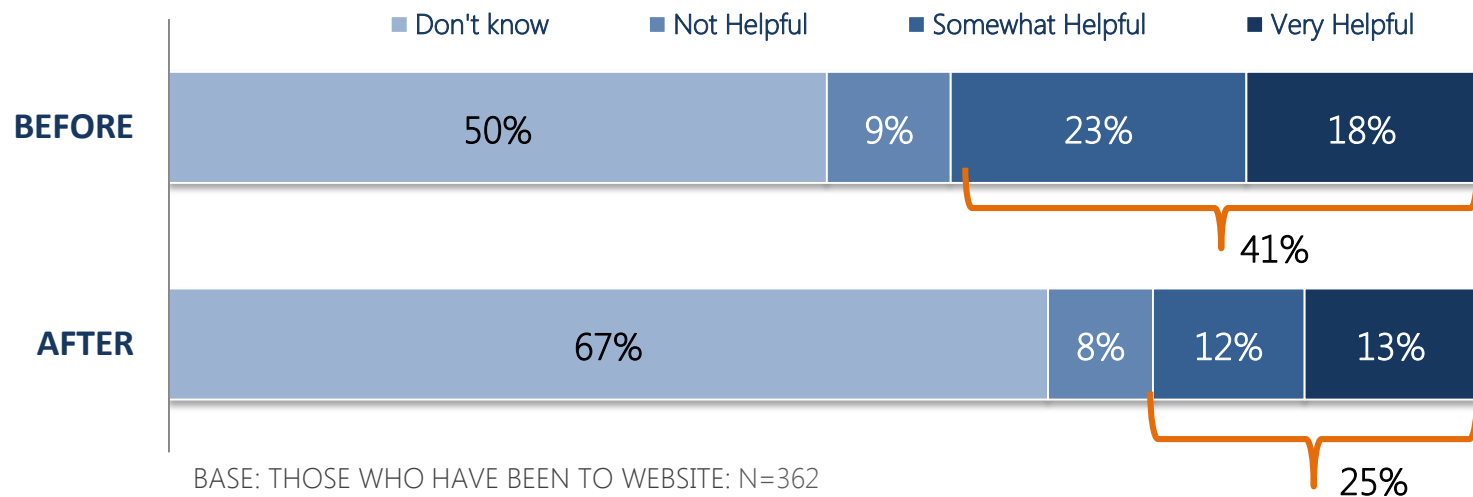


\* Increased from 2012 & 2013 surveys \*\*Data represented for this section (charts, etc.) are from questions where multiple responses were allowed, so may not equal or be more than 100%.

## Website Familiarity

- Three-quarters (76%) of respondents have not visited the Emergency Management website.\*
- Of those that have visited the website (24%), more than half *don't know* if the website is helpful BEFORE or AFTER a major disaster/catastrophe.
- About a quarter (25%) find the website somewhat to very helpful AFTER an event, and slightly more (41%) find the site somewhat to very helpful BEFORE an event.

Helpfulness of website BEFORE & AFTER a major disaster/catastrophe



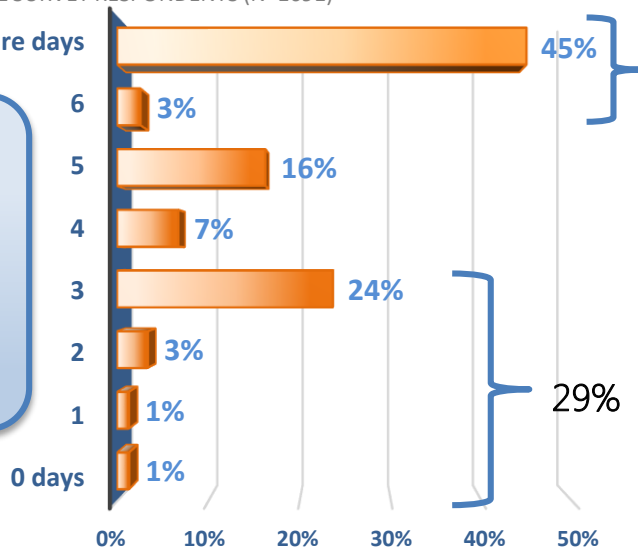


# General Preparedness

- Close to half of the respondents (48%) indicated they *should* be prepared for 6-7 days in case of a major disaster/catastrophe.
- However, almost one-third (29%) indicate they *should* only be prepared for 1-3 days in case of an event.
- More than half (54%) indicate they have an evacuation plan\*, 50% have access to a land line, 43% have a family communication plan\*, 36% have important documents stored separately from originals\*\*\*, and 32% have a designated family meeting place in case they are separated. \*\*

## How many days do you think you *should* be prepared?

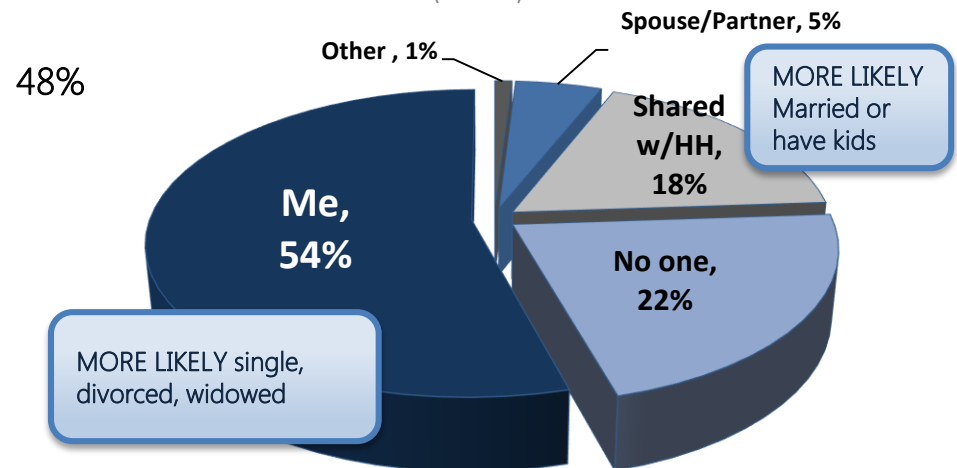
BASE: ALL SURVEY RESPONDENTS (N=1691)



MORE LIKELY to think *should* prepare more if also indicate likelihood and importance of preparing for disaster events

## Who does the majority of the major disaster/catastrophe planning in your household?

BASE: ALL SURVEY RESPONDENTS (N=1730)



\* Similar to 2012 King County survey findings. \*\*Slightly increased from 2012 survey. \*\*\*Decrease from 2012 survey

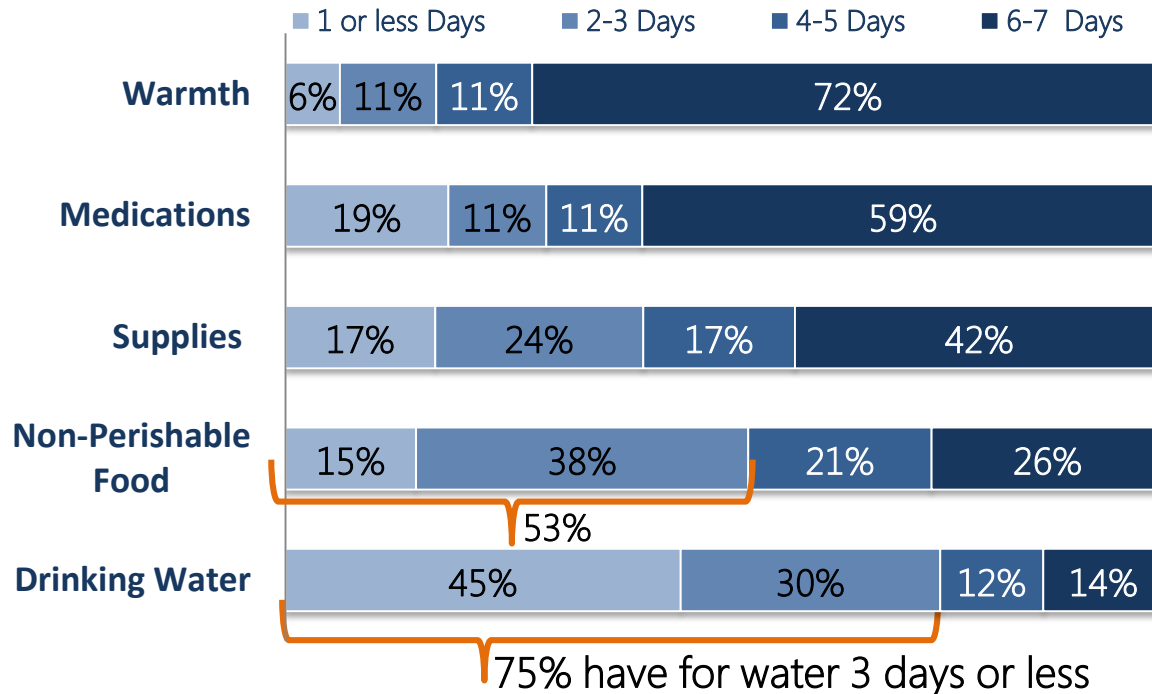
# Self-reported Days Prepared for Disaster

- Respondents are not well prepared for a disaster and only have enough food (53%) and water (75%) for 3 days or less, even though they know this is not enough preparedness.\*
- Almost a third of respondents (27%) reported having **all** items for three days or more, but only 5% have all items for seven days or more. A few more respondents have at least **food and water** for three days or more (36%) or seven days or more (8%).
- Respondents are mostly prepared for 6 days or more with warmth (72%) and medications (59%), and they feel this is adequate.

How many days are you currently prepared for each item?

BASE: ALL SURVEY RESPONDENTS (N=1617-1679)

This is NOT enough Days  
More Days Prepared if:



14%

English Only

23%

Homeowner, older

38%

Homeowner, older, heard a campaign

50%

Homeowner, older, non-English, widowed, heard a campaign.

70%

\*Decrease in preparedness from previous surveys (non-weighted data), however this current survey question is different and more detailed (asks number of days prepared rather than self rating "preparedness") than previous surveys.

## Key Factors to Preparedness for Food, Water, Warmth, Supplies, & Medicine

- In order to determine which variables affect whether residents will be prepared with food, water, supplies, medicine, and warmth for at least 3 days or more and 7 days or more, logistic multivariate regression analysis was conducted. The benefit of logistic regression is that the outcome is an odds ratio of who is more likely to be prepared for a disaster.
  - Multivariate analysis considers many factors at the same time in the regression equation to understand which of the factors are the *most influential* in getting respondents to be prepared for a disaster.
  - Factors are listed in the order of most to least influential.

### More Likely Prepared for ALL items for 3 days or more

- Heard a specific campaign (could name one)
- Older
- Male
- Know they should prepare for more days for a disaster
- Overall feel it is important to prepare for most types of disasters

### More Likely Prepared for ALL items for 7 days or more

- Homeowners
- Know they should prepare for more days for a disaster
- Overall feel it is important to prepare for most types of disasters
- Older

## Key Factors to Preparedness for Food and Water

- In order to determine which variables affect whether residents will be prepared with food and water for at least 3 days or more and 7 days or more, logistic multivariate regression analysis was also conducted. The benefit of logistic regression is that the outcome is an odds ratio of who is more likely to be prepared for a disaster.
  - Multivariate analysis considers many factors at the same time in the regression equation to understand which of the factors are the *most influential* in getting respondents to be prepared for a disaster.
  - Factors are listed in the order of most to least influential.

### More Likely Prepared for Food & Water for 3 days or more

- Non-English survey responders
- Heard a specific campaign (could name)
- Older
- Female
- Homeowner
- Know should prepare more days for a disaster

### More Likely Prepared for Food & Water for 7 days or more

- Non-English survey responders
- Homeowner
- Heard a specific campaign (could name)
- Know should prepare more days for a disaster
- Overall feel it is important to prepare for most types of disasters

# Appendix: Copy of Mailed Survey

Office of Emergency Management  
City of Seattle  
PO Box 34983  
Seattle, WA 98124-4986



9001 / 34-41-88

CURRENT RESIDENT  
1305 E HOWELL ST APT 207  
SEATTLE WA 98122-2607



City of Seattle  
Edward B. Murray, Mayor

Office of Emergency Management

Barb Graff, Director

105 5th Ave S, Suite 300  
PO Box 34986  
Seattle, WA 98124-4986

Tel: 206-233-5076

Fax: 206-684-5998

Hearing Impaired use the Washington Relay Service (7-1-1)  
<http://www.seattle.gov/emergency>

Dear Resident:

Hello, the City of Seattle is conducting a survey about emergency preparedness. We would very much like to include your opinions. Your address was randomly selected to participate in the survey. The questionnaire will take about 10 minutes. Your answers are confidential and reported only in combination with other respondents. You have several options to complete the questionnaire:

1. Paper questionnaire in English (enclosed along with this letter, return postage is already paid)
2. Online in English: [https://www.surveymonkey.com/s/OEM\\_Prepare](https://www.surveymonkey.com/s/OEM_Prepare)
3. Puede completar la encuesta en español en línea: [https://es.surveymonkey.com/s/OEM\\_Spanish](https://es.surveymonkey.com/s/OEM_Spanish)

## Please complete the questionnaire by May 4, 2015

We thank you for your participation and helping the Seattle Emergency Management Department better serve you! If you have any questions about the survey, please contact [research@prrbiz.com](mailto:research@prrbiz.com).

Hola, la Ciudad de Seattle está realizando una encuesta sobre preparación para emergencias. Nos gustaría mucho incluir su opinión. Su dirección fue elegida al azar para participar de esta encuesta. El cuestionario le llevará aproximadamente 10 minutos. Sus respuestas son confidenciales y sólo se registrarán agrupadas con las de otros encuestados. Puede completar la encuesta en español en línea. Utilice el siguiente enlace para ir a la encuesta. Necesitará el 'número de encuesta' que está en el recuadro al pie de la página de la encuesta que le enviamos.

[https://es.surveymonkey.com/s/OEM\\_Spanish](https://es.surveymonkey.com/s/OEM_Spanish)

Si tiene preguntas sobre la encuesta, póngase en contacto con [research@prrbiz.com](mailto:research@prrbiz.com).

**Sírvase completar el cuestionario antes del 04 de mayo 2015**

Sincerely,

Michell Mouton  
Outreach & Training Specialist

# Appendix: Copy of Mailed Survey

Please indicate your choices like this:

## ATTITUDE TOWARD PREPAREDNESS & EDUCATION AWARENESS

1. Who does the **majority** of the major disaster/catastrophe planning in your household?  
 No one  Me  I share this responsibility with others in my household   
 Spouse / Partner  Other (specify) \_\_\_\_\_  
 Please specify \_\_\_\_\_

2. For this question, please answer the following for each of the disaster/catastrophe types listed below:  
 A. How likely do you think this type of event is to occur in Seattle?

B. How important is it to be prepared for this type of catastrophic emergency in Seattle?

	A. Likelihood to Occur							B. Importance to Prepare						
	Very Unlikely			Very Likely				Not important			Very important			
	1	2	3	4	5	6	7	1	2	3	4	5	6	7
❖ Tsunami	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Volcanic eruptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Earthquakes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Severe flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Landslide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Terrorism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Severe storms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Infrastructure failure (e.g. bridge collapse)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Which of the following efforts or campaigns have influenced you to increase your major disaster/catastrophe preparedness? (check all that apply)  
 What to Do to Make it Through  Great Washington Shake-out   
 Who Depends on You?  Seattle Neighborhood Actively Prepare (SNAP)   
 Take Winter by Storm  CERT Training   
 Ready.gov  Other (specify) \_\_\_\_\_  
 NO campaigns have influenced me to increase my preparedness

4. Where have you most recently heard about disaster/catastrophe preparedness from? (check all that apply)  
 Newspaper  Friends / Family   
 Billboards / Bus Billboards  Community Presentations   
 Radio  Kids School   
 TV  Employer   
 Social Media (Facebook, Twitter, etc.)  Other (specify) \_\_\_\_\_  
 Website  NONE, I have not heard about disaster/catastrophe preparedness

5. Which of the following social media tools do you use MOST often? (check all that apply)  
 Facebook  Twitter  Nextdoor  Google+   
 Instagram  Pinterest  Vine  Other (specify) \_\_\_\_\_  
 Do not use social media

6. How helpful is the Seattle Office of Emergency Management website ([www.seattle.gov/emergency](http://www.seattle.gov/emergency)) in providing information, where 1 is 'not at all helpful', and 7 is 'very helpful'?  
 I have never visited this website  

	Not at all helpful							Very helpful		
	1	2	3	4	5	6	7	1	2	3
❖ BEFORE a major disaster/catastrophe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ AFTER a major disaster/catastrophe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## ACTUAL PREPAREDNESS

7. How many days do you think you *should be* prepared in case of a major disaster/catastrophe?  
 0  1  2  3  4  5  6  7 or more

8. As part of your major disaster/catastrophe preparedness do you have: (check all that apply)  
 An evacuation plan   
 Copies of important documents separately stored from originals   
 A family/household meeting place in case you are separated   
 A family/household communication plan including contacts outside of the emergency area   
 Access to a land line phone

9. Please tell us about your current preparedness with the following items:  
 A. If everyone in your household is at home, for how many days are you currently prepared?

B. Do you feel this is enough?

	A. # of Days Currently Prepared							B. Is this enough?		
	0	1	2	3	4	5	7+	Yes	No	Don't know
❖ Drinking Water (one gallon per person per day)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Non-perishable Food (canned or dry)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Warmth (clothes, blankets, shoes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Supplies (first aid, flashlight, batteries, AM/FM radio)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ Medications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FOR OFFICE USE ONLY

Please continue on next page



# Appendix: Frequencies of all Survey Results

## OEM Disaster/catastrophe preparedness survey 2015

Frequency of Results for Each Question (Pay attention to the Shaded Areas/Valid Percent)

Who does the majority of the major disaster/catastrophe planning in your household?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No one	368	21.3	21.8	21.8
	Me	919	53.1	54.3	76.1
	Spouse / Partner	85	4.9	5.0	81.1
	I share this responsibility with others in my	303	17.5	17.9	99.0
	Other (specify)	17	1.0	1.0	100.0
	Total	1691	97.8	100.0	
Missing	0	38	2.2		
	System	1	.1		
	Total	39	2.2		
Total		1730	100.0		

## How likely do you think the following type of events will occur in Seattle?

How Likely to Occur: Tsunami

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	388	22.4	23.0	23.0
	2	383	22.1	22.7	45.7
	3	344	19.9	20.4	66.1
	4	311	18.0	18.4	84.6
	5	157	9.1	9.3	93.9
	6	52	3.0	3.1	96.9
	Very Likely	52	3.0	3.1	100.0
	Total	1685	97.4	100.0	
Missing	0	43	2.5		
	System	1	.1		
	Total	45	2.6		
Total		1730	100.0		



## Appendix: Frequencies of all Survey Results

How Likely to Occur: Volcanic eruptions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	184	10.6	10.9	10.9
	2	213	12.3	12.6	23.5
	3	275	15.9	16.3	39.8
	4	385	22.3	22.8	62.6
	5	312	18.0	18.5	81.0
	6	179	10.4	10.6	91.6
	Very Likely	141	8.2	8.4	100.0
	Total	1690	97.7	100.0	
Missing	0	39	2.2		
	System	1	.1		
	Total	40	2.3		
Total		1730	100.0		

How Likely to Occur: Earthquakes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	33	1.9	1.9	1.9
	2	32	1.8	1.9	3.8
	3	65	3.8	3.8	7.6
	4	132	7.7	7.8	15.4
	5	259	15.0	15.3	30.7
	6	378	21.8	22.2	52.9
	Very Likely	799	46.2	47.1	100.0
	Total	1698	98.2	100.0	
Missing	0	31	1.8		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

How Likely to Occur: Severe flooding

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	200	11.5	11.9	11.9
	2	256	14.8	15.2	27.1
	3	312	18.1	18.6	45.6
	4	407	23.5	24.2	69.8
	5	286	16.6	17.0	86.8
	6	120	6.9	7.1	93.9
	Very Likely	103	5.9	6.1	100.0
	Total	1683	97.3	100.0	
Missing	0	45	2.6		
	System	1	.1		
	Total	47	2.7		
Total		1730	100.0		

How Likely to Occur: Landslide

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	155	9.0	9.2	9.2
	2	183	10.6	10.9	20.1
	3	214	12.4	12.7	32.7
	4	327	18.9	19.4	52.1
	5	345	20.0	20.5	72.6
	6	230	13.3	13.6	86.2
	Very Likely	232	13.4	13.8	100.0
	Total	1687	97.5	100.0	
Missing	0	39	2.3		
	System	3	.2		
	Total	42	2.5		
Total		1730	100.0		

# Appendix: Frequencies of all Survey Results

How Likely to Occur: Terrorism

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	149	8.6	8.8	8.8
	2	202	11.7	12.0	20.8
	3	312	18.0	18.5	39.3
	4	425	24.6	25.2	64.5
	5	296	17.1	17.6	82.1
	6	182	10.5	10.8	92.8
	Very Likely	121	7.0	7.2	100.0
	Total	1686	97.5	100.0	
Missing	0	40	2.3		
	System	3	.2		
	Total	44	2.5		
Total		1730	100.0		

How Likely to Occur: Severe storms

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	47	2.7	2.8	2.8
	2	124	7.2	7.4	10.1
	3	200	11.6	11.8	22.0
	4	287	16.6	17.0	39.0
	5	394	22.8	23.3	62.3
	6	339	19.6	20.1	82.4
	Very Likely	297	17.2	17.6	100.0
	Total	1688	97.6	100.0	
Missing	0	39	2.2		
	System	3	.2		
	Total	42	2.4		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

**How Likely to Occur: infrastructure failure (e.g. bridge collapse)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unlikely	64	3.7	3.8	3.8
	2	96	5.6	5.7	9.5
	3	152	8.8	9.1	18.6
	4	295	17.1	17.6	36.2
	5	392	22.7	23.3	59.5
	6	356	20.6	21.2	80.7
	Very Likely	324	18.7	19.3	100.0
	Total	1680	97.1	100.0	
Missing	0	41	2.4		
	System	9	.5		
	Total	50	2.9		
Total		1730	100.0		

**How important is it to be prepared for these events?**

**How Important to be Prepared: Tsunami**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	343	19.8	21.2	21.2
	2	304	17.6	18.8	40.0
	3	252	14.5	15.6	55.6
	4	286	16.5	17.7	73.2
	5	194	11.2	12.0	85.2
	6	101	5.8	6.2	91.5
	Very important	138	8.0	8.5	100.0
	Total	1617	93.5	100.0	
Missing	0	107	6.2		
	System	6	.3		
	Total	113	6.5		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

How Important to be Prepared:Volcanic eruptions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	197	11.4	12.1	12.1
	2	200	11.6	12.4	24.5
	3	235	13.6	14.5	39.0
	4	302	17.5	18.7	57.6
	5	264	15.3	16.3	74.0
	6	181	10.4	11.1	85.1
	Very important	241	14.0	14.9	100.0
	Total	1620	93.7	100.0	
Missing	0	104	6.0		
	System	6	.3		
	Total	109	6.3		
Total		1730	100.0		

How Important to be Prepared:Earthquakes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	26	1.5	1.6	1.6
	2	31	1.8	1.9	3.5
	3	55	3.2	3.4	6.9
	4	123	7.1	7.5	14.4
	5	221	12.8	13.5	27.9
	6	300	17.3	18.4	46.3
	Very important	877	50.7	53.7	100.0
	Total	1633	94.4	100.0	
Missing	0	90	5.2		
	System	6	.4		
	Total	97	5.6		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

**How Important to be Prepared:Severe flooding**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	201	11.6	12.4	12.4
	2	198	11.4	12.2	24.7
	3	235	13.6	14.6	39.2
	4	361	20.9	22.4	61.6
	5	279	16.1	17.2	78.8
	6	163	9.4	10.1	88.9
	Very important	179	10.4	11.1	100.0
	Total	1616	93.4	100.0	
Missing	0	109	6.3		
	System	5	.3		
	Total	114	6.6		
Total		1730	100.0		

**How Important to be Prepared:Landslide**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	190	11.0	11.7	11.7
	2	192	11.1	11.9	23.6
	3	228	13.2	14.1	37.7
	4	302	17.4	18.7	56.4
	5	278	16.1	17.2	73.6
	6	175	10.1	10.8	84.4
	Very important	252	14.5	15.6	100.0
	Total	1615	93.4	100.0	
Missing	0	106	6.1		
	System	8	.5		
	Total	114	6.6		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

How Important to be Prepared:Terrorism

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	193	11.1	11.9	11.9
	2	198	11.5	12.2	24.1
	3	204	11.8	12.6	36.7
	4	330	19.1	20.4	57.1
	5	245	14.2	15.1	72.2
	6	179	10.4	11.1	83.3
	Very important	271	15.7	16.7	100.0
	Total	1620	93.6	100.0	
Missing	0	103	5.9		
	System	7	.4		
	Total	110	6.4		
Total		1730	100.0		

How Important to be Prepared:Severe storms

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	60	3.5	3.7	3.7
	2	122	7.1	7.5	11.2
	3	158	9.1	9.7	21.0
	4	305	17.6	18.9	39.8
	5	327	18.9	20.2	60.0
	6	286	16.5	17.6	77.7
	Very important	361	20.9	22.3	100.0
	Total	1619	93.6	100.0	
Missing	0	104	6.0		
	System	7	.4		
	Total	111	6.4		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

How Important to be Prepared:Infrastructure failure (e.g. bridge collapse)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not important	140	8.1	8.7	8.7
	2	167	9.7	10.4	19.0
	3	167	9.7	10.4	29.4
	4	249	14.4	15.4	44.8
	5	266	15.4	16.5	61.3
	6	239	13.8	14.8	76.1
	Very important	385	22.3	23.9	100.0
	Total	1613	93.3	100.0	
Missing	0	102	5.9		
	System	15	.9		
	Total	117	6.7		
Total		1730	100.0		



# Appendix: Frequencies of all Survey Results

## "Other" disasters listed by Respondents

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Water contamination	1	.1	1.1	1.1
	Civil unrest	15	.9	11.4	12.5
	Gas explosion	2	.1	1.9	14.3
	Infrastructure collapse	13	.8	9.9	24.2
	Viral outbreak	22	1.3	16.7	40.8
	Apocalypse / zombie / alien invasion	20	1.1	14.9	55.8
	Fire	9	.5	7.1	62.9
	Transportation disaster / accidents	7	.4	5.2	68.1
	Tornadoes	2	.1	1.7	69.8
	Political turmoil	3	.1	1.9	71.8
	Drought	11	.6	8.2	79.9
	Asteroid / meteor	2	.1	1.4	81.3
	Terrorist attack	2	.1	1.8	83.1
	economic collapse	1	.1	.7	83.7
	Theft/violent crime	4	.2	2.8	86.5
	Water Shortage/drought	2	.1	1.7	88.3
	Radiation	1	.1	.7	88.9
	Military invasion/attack	4	.2	3.2	92.1
	Climate Change	2	.1	1.2	93.3
	Ice Storms	1	.1	1.1	94.3
	Blackouts/power grid issues	6	.3	4.1	98.5
	Police brutality	2	.1	1.5	100.0
	Total	133	7.7	100.0	
Missing	System	1596	92.3		
Total		1730	100.0		

# Appendix: Frequencies of all Survey Results

Which of the following efforts or campaigns have influenced you to increase your major disaster/catastrophe preparedness?

	Count	Column Response % (Base: Count)
\$campaigns		
What to Do to Make it Through	170	10.5%
Who Depends on You?	75	4.6%
Take Winter by Storm	298	18.4%
Ready.gov	190	11.7%
Great Washington Shake-out	107	6.6%
Seattle Neighborhood Actively Prepare	159	9.8%
CERT Training	62	3.8%
Other (specify)	81	5.0%
NO campaigns have influenced me to	982	60.8%
Total	1616	131.4%

Multiple responses were allowed and may equal more than 100%

OTHER: Which of the following efforts or campaigns have influenced you to increase your major disaster/catastrophe preparedness?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid				
Department of Health	2	.1	3.3	3.3
Red cross	10	.6	13.9	17.2
3 days / 3 ways	10	.6	13.0	30.2
NOAA	2	.1	2.2	32.4
USCG Aux Training	1	.0	.8	33.1
Green River Flooding Campaign	1	.0	.8	33.9
work	11	.6	14.4	48.3
Smokey the bear	1	.1	1.2	49.5
Race the Wave	2	.1	2.7	52.2
Specifically listed news/articles	6	.3	7.8	60.0
Can't remember specific name	12	.7	15.6	75.6
Personal effort to prepare	13	.8	17.9	93.4
Misc. organizations	5	.3	6.6	100.0
Total	74	4.3	100.0	
Missing				
System	1655	95.7		
Total	1730	100.0		

## Appendix: Frequencies of all Survey Results

Where have you most recently heard about disaster/catastrophe preparedness from?

	Count	Column Response % (Base: Count)
Newspaper	382	22.5%
Billboards / Bus Billboards	193	11.4%
Radio	359	21.2%
TV	551	32.5%
Social Media (Facebook, Twitter, etc.)	178	10.5%
Website	215	12.7%
Friends / Family	394	23.2%
Community Presentations	130	7.7%
Kids School	90	5.3%
Employer	363	21.4%
Other (specify)	99	5.9%
NONE, I have not heard about	349	20.6%
Total	1696	194.8%

Multiple responses were allowed and may equal more than 100%

# Appendix: Frequencies of all Survey Results

## OTHER: Where have you most recently heard about disaster/catastrophe preparedness from? (Other specified)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Retirement facility	3	.2	3.7	3.7
	Books	4	.3	4.8	8.5
	Exhibit	1	.1	1.0	9.5
	Government publications	6	.3	6.3	15.8
	Blogs	7	.4	7.7	23.5
	Conference	1	.1	1.6	25.1
	First Aid training	10	.6	10.6	35.7
	Boy Scouts	3	.2	2.8	38.5
	This questionnaire	12	.7	13.5	52.0
	SNAP	2	.1	2.0	54.0
	School	11	.6	11.7	65.7
	Church	6	.4	6.7	72.4
	Neighborhood watch	4	.2	4.4	76.7
	Utility bills	2	.1	1.9	78.6
	FEMA	1	.1	.9	79.6
	Fliers mailed or for pick-up	4	.2	4.7	84.3
	at work	3	.2	3.8	88.1
	personal efforts	6	.4	6.6	94.7
	email or listservs	1	.1	1.2	95.9
	Red Cross	4	.2	4.1	100.0
	Total	92	5.3	100.0	
Missing	System	1638	94.7		
Total		1730	100.0		

# Appendix: Frequencies of all Survey Results

Which of the following social media tools do you use MOST often?

	Count	Column Response % (Base: Count)
Facebook	1056	63.6%
Instagram	354	21.3%
Twitter	218	13.1%
Pinterest	162	9.7%
Nextdoor	110	6.6%
Vine	14	.9%
Google+	206	12.4%
Other (specify)	57	3.4%
Do not use social media	412	24.8%
Total	1661	155.8%

Multiple responses were allowed and may equal more than 100%

OTHER: Which of the following social media tools do you use MOST often?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid				
LinkedIn	8	.4	19.4	19.4
Tumblr	9	.5	23.2	42.6
Reddit	6	.3	14.5	57.1
Snapchat	4	.2	10.4	67.5
Ravelry	7	.4	17.9	85.4
Yahoo	3	.1	6.4	91.8
WhatsApp	1	.1	3.6	95.5
We Chat	1	.1	2.2	97.7
Tsu.co	1	.1	2.3	100.0
Total	39	2.3	100.0	
Missing				
8	1	.1		
9	1	.0		
System	1689	97.7		
Total	1691	97.7		
Total	1730	100.0		

## Appendix: Frequencies of all Survey Results

### I have never visited this website

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	I have never visited this website	1317	76.1	100.0	100.0
Missing	0	413	23.9		
Total		1730	100.0		

### BEFORE a major disaster/catastrophe

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	23	5.7	6.1	6.1
	1 - Not at all helpful	13	3.0	3.3	9.3
	2	7	1.6	1.7	11.0
	3	15	3.6	3.9	14.9
	4	31	7.5	8.1	23.0
	5	51	12.3	13.2	36.2
	6	31	7.5	8.1	44.2
	7 - Very helpful	33	8.0	8.5	52.8
	Don't know	182	44.2	47.2	100.0
	Total	386	93.5	100.0	
Missing	System	27	6.5		
Total		413	100.0		

# Appendix: Frequencies of all Survey Results

## AFTER a major disaster/catastrophe

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	27	6.6	7.1	7.1
	1 - Not at all helpful	12	2.9	3.1	10.2
	2	6	1.5	1.6	11.8
	3	11	2.6	2.8	14.6
	4	11	2.7	2.9	17.5
	5	30	7.3	7.8	25.3
	6	19	4.6	4.9	30.2
	7 - Very helpful	28	6.9	7.4	37.6
	Don't know	240	58.1	62.4	100.0
	Total	384	93.1	100.0	
Missing	System	28	6.9		
Total		413	100.0		

## How many days do you think you should be prepared in case of a major disaster/catastrophe?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	22	1.3	1.3	1.3
	1	22	1.3	1.3	2.6
	2	57	3.3	3.4	6.0
	3	399	23.1	23.6	29.6
	4	113	6.5	6.7	36.3
	5	275	15.9	16.2	52.5
	6	43	2.5	2.6	55.1
	7 or more	760	43.9	44.9	100.0
	Total	1691	97.8	100.0	
Missing	0	30	1.7		
	System	9	.5		
	Total	39	2.2		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

As part of your preparedness plan, do you have:

	Count	Column Response % (Base: Count)
An evacuation plan	612	54.1%
Copies of important documents separately	411	36.4%
A family/household meeting place in case	361	32.0%
A family/household communication plan	489	43.3%
Access to a land line phone	561	49.7%

Multiple responses were allowed and may equal more than 100%

Tell us about your level of preparedness with the following items:

How many days are you currently prepared: Drinking Water (one gallon per person per day)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	452	26.1	27.0
	1	300	17.3	45.0
	2	250	14.5	60.0
	3	243	14.1	74.6
	4	104	6.0	80.8
	5	92	5.3	86.3
	6	27	1.6	87.9
	7+	201	11.6	100.0
Total	1670	96.5	100.0	
Missing	0	47	2.7	
	System	13	.8	
	Total	60	3.5	
Total	1730	100.0		



## Appendix: Frequencies of all Survey Results

How many days are you currently prepared:Non-perishable Food (canned or dry)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	121	7.0	7.2	7.2
	1	129	7.4	7.7	14.9
	2	260	15.0	15.5	30.4
	3	375	21.7	22.3	52.7
	4	167	9.6	9.9	62.6
	5	183	10.6	10.9	73.6
	6	70	4.0	4.2	77.7
	7+	374	21.6	22.3	100.0
	Total	1679	97.0	100.0	
Missing	0	41	2.4		
	System	10	.6		
	Total	51	3.0		
Total		1730	100.0		

How many days are you currently prepared:Warmth (clothes, blankets, shoes)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	72	4.2	4.3	4.3
	1	32	1.8	1.9	6.2
	2	61	3.5	3.6	9.8
	3	123	7.1	7.3	17.2
	4	79	4.6	4.7	21.9
	5	104	6.0	6.2	28.1
	6	54	3.1	3.2	31.3
	7+	1152	66.6	68.7	100.0
	Total	1677	97.0	100.0	
Missing	0	43	2.5		
	System	10	.6		
	Total	53	3.0		
Total		1730	100.0		

# Appendix: Frequencies of all Survey Results

How many days are you currently prepared:Supplies (first aid, flashlight, batteries, AM/FM radio)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	156	9.0	9.3	9.3
	1	129	7.5	7.7	17.0
	2	160	9.3	9.6	26.6
	3	237	13.7	14.1	40.7
	4	127	7.3	7.6	48.3
	5	163	9.4	9.7	58.0
	6	73	4.2	4.4	62.4
	7+	630	36.4	37.6	100.0
	Total	1675	96.9	100.0	
Missing	0	45	2.6		
	System	9	.5		
	Total	54	3.1		
Total		1730	100.0		

How many days are you currently prepared:Medications

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	233	13.5	14.4	14.4
	1	67	3.9	4.1	18.6
	2	73	4.2	4.5	23.1
	3	107	6.2	6.6	29.7
	4	87	5.0	5.4	35.0
	5	90	5.2	5.6	40.6
	6	44	2.5	2.7	43.3
	7+	916	53.0	56.7	100.0
	Total	1617	93.5	100.0	
Missing	0	90	5.2		
	System	23	1.3		
	Total	113	6.5		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

**Do you feel this is enough preparedness: Drinking Water (one gallon per person per day)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	249	14.4	15.2	15.2
	No	1147	66.3	69.8	84.9
	Don't know	248	14.3	15.1	100.0
	Total	1644	95.1	100.0	
Missing	0	66	3.8		
	System	19	1.1		
	Total	86	4.9		
Total		1730	100.0		

**Do you feel this is enough preparedness: Non-perishable Food (canned or dry)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	499	28.8	30.4	30.4
	No	820	47.4	50.0	80.4
	Don't know	322	18.6	19.6	100.0
	Total	1640	94.8	100.0	
Missing	0	71	4.1		
	System	18	1.0		
	Total	89	5.2		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

**Do you feel this is enough preparedness: Warmth (clothes, blankets, shoes)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1200	69.4	73.2	73.2
	No	227	13.1	13.9	87.1
	Don't know	212	12.3	12.9	100.0
	Total	1640	94.8	100.0	
Missing	0	74	4.3		
	System	16	.9		
	Total	90	5.2		
Total		1730	100.0		

**Do you feel this is enough preparedness: Supplies (first aid, flashlight, batteries, AM/FM radio)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	705	40.7	43.0	43.0
	No	623	36.0	38.0	81.0
	Don't know	311	18.0	19.0	100.0
	Total	1638	94.7	100.0	
Missing	0	75	4.3		
	System	17	1.0		
	Total	92	5.3		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

**Do you feel this is enough preparedness: Medications**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	913	52.8	57.3	57.3
	No	371	21.4	23.3	80.5
	Don't know	310	17.9	19.5	100.0
	Total	1594	92.2	100.0	
Missing	0	108	6.2		
	System	28	1.6		
	Total	135	7.8		
Total		1730	100.0		

### Demographics

**What is your gender?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	749	43.3	43.5	43.5
	Female	971	56.1	56.4	99.8
	Other	3	.2	.2	100.0
	Total	1722	99.5	100.0	
Missing	0	5	.3		
	System	3	.2		
	Total	8	.5		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

How many children under age 18 live in your household?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	1387	80.2	80.3	80.3
	1	170	9.8	9.8	90.1
	2	133	7.7	7.7	97.8
	3	29	1.7	1.7	99.5
	4	5	.3	.3	99.8
	5 or more	4	.2	.2	100.0
	Total	1727	99.9	100.0	
Missing	0	1	.1		
	System	1	.1		
	Total	2	.1		
Total		1730	100.0		

What is your marital status?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Married or cohabitating	918	53.0	53.4	53.4
	Single	573	33.1	33.3	86.7
	Divorced	127	7.3	7.4	94.1
	Widowed	88	5.1	5.1	99.2
	Other	14	.8	.8	100.0
	Total	1719	99.4	100.0	
Missing	0	5	.3		
	System	6	.3		
	Total	11	.6		
Total		1730	100.0		

## Appendix: Frequencies of all Survey Results

Which of the following best describes your living situation?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Own	832	48.1	48.1	48.1
	Rent	880	50.8	50.8	99.0
	Say with friend/family	18	1.0	1.0	100.0
	Total	1730	100.0	100.0	

Do you, or anyone in your household, commute outside the City of Seattle at least 3 days a week or more to work/school?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	1234	71.3	71.9	71.9
	Yes	477	27.6	27.8	99.7
	Don't know	6	.3	.3	100.0
	Total	1716	99.2	100.0	
Missing	0	14	.8		
Total		1730	100.0		

What is your age?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18 - 34	538	31.1	31.1	31.1
	35 - 54	647	37.4	37.4	68.5
	55 - 74	405	23.4	23.4	91.9
	75 and older	140	8.1	8.1	100.0
	Total	1730	100.0	100.0	

# Appendix: Frequencies of all Survey Results

## Are you from a Hispanic, Latino, or Spanish-speaking background?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	1585	91.6	92.9	92.9
	Yes	122	7.1	7.1	100.0
	Total	1707	98.7	100.0	
Missing	0	16	.9		
	System	7	.4		
	Total	23	1.3		
Total		1730	100.0		

## If other than English, what is the primary language in your household?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Hindi	4	.2	2.8	2.8
	Chinese	30	1.7	21.5	24.2
	Oromo	1	.1	.6	24.9
	Japanese	6	.4	4.4	29.2
	Tagalog	11	.6	7.8	37.0
	Spanish	28	1.6	20.2	57.2
	Vietnamese	33	1.9	24.0	81.2
	Czech	1	.1	.6	81.8
	Somali	4	.2	2.9	84.7
	Khmer	2	.1	1.5	86.2
	German	4	.2	3.0	89.2
	Thai	1	.1	.6	89.8
	Greek	1	.0	.4	90.3
	French	2	.1	1.3	91.5
	Cambodian	1	.1	.6	92.2
	Turkish	1	.1	.6	92.8
	English (from another country)	3	.2	2.3	95.1
	Urkanian	2	.1	1.5	96.6
	Catalan	2	.1	1.2	97.7
	American Sign Language	1	.1	.6	98.3
Serbian	1	.1	.6	99.0	
Iloko	1	.1	.6	99.6	
Laotian	1	.0	.4	100.0	
Total		139	8.1	100.0	
Missing	System	1590	91.9		
Total		1730	100.0		



## Appendix: Frequencies of all Survey Results

What race would you classify yourself as?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Black / African American	54	3.1	3.2	3.2
	White / Caucasian	1349	78.0	79.9	83.0
	American Indian or Alaska Native	10	.6	.6	83.6
	Asian	195	11.3	11.5	95.2
	Native Hawaiian or other Pacific Islander	9	.5	.5	95.7
	Some other race or combination of races	73	4.2	4.3	100.0
	Total	1689	97.6	100.0	
Missing	0	29	1.7		
	System	12	.7		
	Total	41	2.4		
Total		1730	100.0		

Which of the following describes your household income, before taxes, for 2014?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than \$35,000	354	20.4	21.4	21.4
	\$35,000 to less than \$49,999	176	10.2	10.7	32.1
	\$50,000 to less than \$74,999	311	18.0	18.9	51.0
	\$75,000 to less than \$99,999	204	11.8	12.4	63.4
	\$100,000 to less than \$149,999	318	18.4	19.3	82.7
	\$150,000 or more	286	16.5	17.3	100.0
	Total	1649	95.3	100.0	
Missing	0	59	3.4		
	System	22	1.3		
	Total	81	4.7		
Total		1730	100.0		