

November 2016

# City of Portland Bureau of Emergency Management Telephone and Messaging Survey—West

Crosstabs

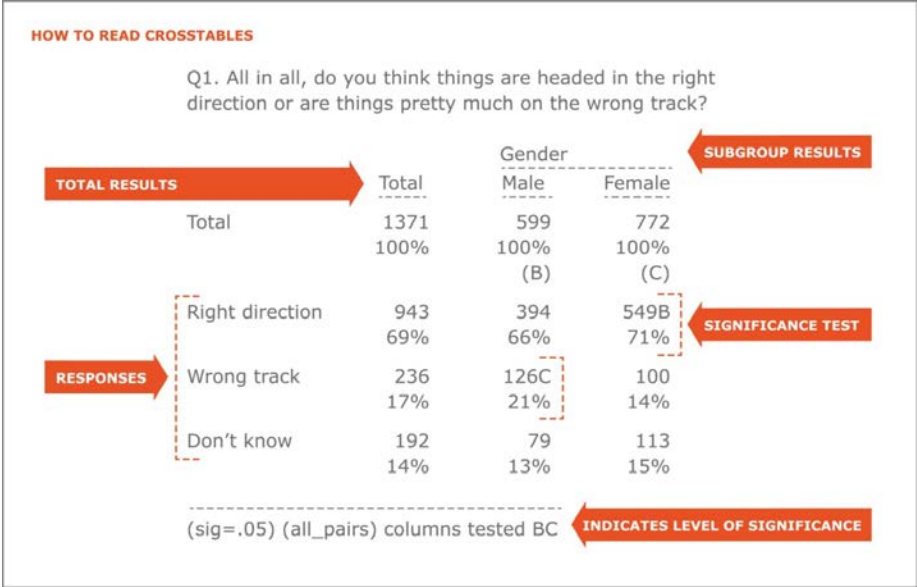


Prepared by DHM Research

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**Cascadia Employee Benchmark Survey**

November 10-14, 2016; N=209



**How to Read Crosstables:** In the example chart (left), rows represent the three possible response options to the question “All in all, do you think things are headed in the right direction, or are things pretty much on the wrong track?” The three response options are: “right direction,” “wrong track,” and “don’t know.” The amounts in each response category sum to the amount in the “total” row at the top of the table.

The first column, or banner, is the “Total” column. It reflects the overall results.

The next two columns reflect the results of a subgroup, “Gender.” The gender subgroup is composed of Males and Females, each with their own column. Both gender groups are assigned a letter (Male=B, Female=C).

These two columns show how male’s attitudes compare to female’s attitudes. As shown in the chart, 69% of the full sample thinks things are headed in the right direction. Looking at the gender subgroup, 71% of women think things are headed in the right direction, compared to 66% of males.

**Statistically Significant Differences:** If a pair of cells has a difference which is statistically significant, the larger of the two cells is flagged with the letter of the opposite column. The test shows the difference in female’s attitudes about things being headed in the right direction is statistically

significantly different than those of male’s, which is signified by a “B” (the letter given to Males) next to female’s results for “right direction.”

The footnote indicates the level of significance (sig=.05). This level of significance means that 5% of the time, the difference between how the two groups feel about the direction is due to random chance, while 95% of the time the difference is meaningful.

**Statement of Limitations:** Any sampling of opinions or attitudes is subject to a margin of error, which represents the difference between a sample of a given population and the total population. The margin of error is a statistic expressing the amount of random sampling error in a survey’s results and differs by sample size, as reflected in the table below.

**Margin of Error Based on Sample Size**

N=1200	N=1000	N=800	N=600	N=500	N=400	N=300	N=200	N=150	N=100	N=50
+/- 2.8%	+/- 3.1%	+/- 3.5%	+/- 4.0%	+/- 4.4%	+/- 4.9%	+/- 5.7%	+/- 6.9%	+/- 8.0%	+/- 9.8%	+/- 13.8%

Q1. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Other household members

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Very/Somewhat -----	169 81%	42E 88%	47E 83%	63E 84%	17 56%	86 84%	82 77%	35 72%	56 83%	27 90%	20 93%	148 80%	15 83%	19 41%	79N 89%	70N 95%
Very confident	130 62%	35 73%	33 58%	48 64%	15 50%	62 61%	68 64%	23 49%	44 65%	23H 75%	14 64%	116 62%	10 53%	14 30%	61N 69%	54N 73%
Somewhat confident	38 18%	7 15%	14E 25%	15 20%	2 6%	24 24%	14 13%	11 23%	12 18%	4 15%	6 29%	33 18%	6 30%	5 11%	17 20%	16 22%
Not too/Not at all -----	23 11%	3 7%	6 11%	7 9%	7BD 25%	10 10%	13 12%	8 17%	7 10%	1 5%	2 7%	22 12%	1 6%	13OP 28%	9 10%	2 2%
Not too confident	9 4%	3 7%	3 5%	1 1%	2 6%	5 4%	4 4%	1 2%	3 4%	1 3%	- -	9 5%	- -	5P 11%	3 3%	1 1%
Not at all confident	15 7%	-	3 6%	6 8%	5B 19%	6 6%	9 8%	7 16%	4 6%	1 2%	2 7%	13 7%	1 6%	8P 17%	6 7%	1 1%
Don't know	17 8%	2 5%	4 7%	5 7%	5 19%	6 5%	11 11%	5 10%	5 8%	2 5%	-	15 8%	2 11%	14OP 31%	1 1%	2 3%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q1. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Other household members

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Preparations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Very/Somewhat	169 81%	44C 97%	125 77%	108 81%	20 81%	40 79%	140H 85%	25 69%	28 88%	141 80%	124 82%	41 77%	47 68%	122M 87%	118 83%	50 77%
Very confident	130 62%	36C 80%	94 58%	82 61%	18 71%	31 61%	110 66%	19 52%	20 65%	110 62%	100 66%	27 51%	28 40%	103M 73%	94 66%	37 57%
Somewhat confident	38 18%	7 17%	31 19%	26 20%	2 10%	9 18%	31 19%	6 18%	7 24%	31 17%	24 16%	14 26%	19N 28%	19 14%	24 17%	13 20%
Not too/Not at all	23 11%	1 2%	22B 14%	16 12%	3 12%	4 9%	14 9%	8G 21%	1 3%	22 13%	18 12%	5 10%	13N 18%	11 8%	12 9%	11 17%
Not too confident	9 4%	-	9 5%	6 5%	1 4%	2 3%	3 2%	4G 12%	-	9 5%	7 5%	2 3%	7N 10%	2 1%	2 1%	70 11%
Not at all confident	15 7%	1 2%	14 8%	10 7%	2 8%	3 6%	11 7%	3 9%	1 3%	14 8%	11 7%	4 7%	6 8%	9 6%	10 7%	4 7%
Don't know	17 8%	1 1%	15 9%	9 7%	2 7%	6 12%	11 7%	4 10%	3 9%	14 8%	10 6%	7 13%	9 13%	8 6%	11 8%	4 6%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q2. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Family and friends in the area

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Very/Somewhat -----	178 85%	45 93%	50 89%	60 80%	23 78%	81 79%	97F 91%	40 83%	58 85%	25 82%	17 80%	158 85%	15 80%	34 74%	76 86%	67N 91%
Very confident	119 57%	32D 67%	39D 70%	33 43%	16 53%	58 56%	62 58%	28 58%	44K 65%	17 58%	8 36%	107 58%	10 52%	23 50%	44 49%	52NO 71%
Somewhat confident	58 28%	13 26%	11 19%	28C 37%	7 25%	24 23%	35 33%	12 25%	14 20%	7 23%	10I 43%	51 28%	5 28%	11 24%	32P 36%	14 20%
Not too/Not at all -----	28 14%	2 5%	6 11%	15B 20%	5 16%	19G 19%	9 9%	8 17%	7 11%	5 18%	4 20%	26 14%	3 15%	10P 22%	13 14%	6 8%
Not too confident	12 6%	2 5%	4 6%	4 5%	2 6%	10G 10%	2 2%	5 11%	4 6%	2 7%	-	11 6%	1 5%	6O 13%	3 3%	3 5%
Not at all confident	17 8%	-	3 5%	11B 15%	3B 9%	9 9%	7 7%	3 6%	4 5%	4 12%	4I 20%	15 8%	2 10%	4 9%	10 11%	3 4%
Don't know	3 1%	1 2%	-	-	2D 6%	2 2%	1 1%	-	3 4%	-	-	2 1%	1 5%	2 4%	-	1 1%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q2. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Family and friends in the area

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Preparations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Very/Somewhat	178 85%	45C 100%	133 81%	113 85%	21 84%	44 87%	142 85%	30 83%	27 86%	150 85%	137L 90%	37 69%	57 84%	121 86%	122 86%	55 85%
Very confident	119 57%	32C 72%	87 54%	70 53%	15 62%	34 67%	93 56%	22 59%	19 62%	100 56%	87 57%	31 58%	39 57%	81 57%	79 56%	40 62%
Somewhat confident	58 28%	13 28%	46 28%	43 32%	6 22%	10 20%	48 29%	9 24%	8 24%	51 29%	51L 33%	6 12%	18 27%	40 28%	42 30%	15 23%
Not too/Not at all	28 14%	-	27B 17%	19 14%	3 12%	7 13%	22 13%	5 14%	3 11%	25 14%	14 9%	15K 27%	9 14%	19 14%	19 13%	9 13%
Not too confident	12 6%	-	12 7%	9 7%	-	3 6%	8 5%	4 12%	1 3%	11 6%	5 3%	7K 14%	5 7%	7 5%	8 6%	4 6%
Not at all confident	17 8%	-	15B 10%	10 7%	3 12%	4 8%	15 9%	1 3%	2 8%	14 8%	9 6%	7 14%	5 7%	12 8%	11 8%	5 7%
Don't know	3 1%	-	3 2%	2 1%	1 4%	-	2 1%	1 2%	1 3%	2 1%	1 1%	2 3%	2 3%	1 1%	1 1%	1 1%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q3. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Neighbors

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Very/Somewhat -----	167 80%	34 70%	46 81%	63 84%	25 85%	82 80%	86 81%	40 84%	52 76%	25 83%	18 82%	149 80%	14 74%	32 70%	71 81%	62 85%
Very confident	86 41%	12 26%	28B 50%	34 45%	11 39%	36 35%	50 47%	15 32%	22 32%	16I 54%	12 55%	76 41%	6 32%	14 31%	36 41%	35 47%
Somewhat confident	81 39%	21 44%	17 31%	30 39%	13 45%	45 44%	36 34%	25 52%	29 43%	9 29%	6 27%	73 39%	8 42%	18 39%	35 40%	28 38%
Not too/Not at all -----	38 18%	14E 30%	10 17%	11 14%	3 9%	19 19%	19 18%	6 12%	16 23%	5 17%	4 18%	33 18%	5 26%	11 25%	16 18%	10 14%
Not too confident	25 12%	8 17%	7 12%	9 12%	2 6%	12 12%	13 12%	4 8%	12 17%	4 14%	3 14%	23 12%	2 13%	5 11%	14 16%	6 9%
Not at all confident	13 6%	6D 13%	3 6%	2 3%	1 3%	7 7%	6 5%	2 4%	4 6%	1 3%	1 4%	10 6%	2 13%	6O 14%	2 3%	4 5%
Don't know	4 2%	-	1 2%	1 1%	2 6%	2 2%	2 2%	2 4%	1 1%	-	-	4 2%	-	2 4%	1 1%	1 1%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q3. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Neighbors

	Children In HH			Party			Residence		Disability		Likelihood Of Disaster		# Of Preparations		Info About Neighbors	
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Very/Somewhat	167 80%	42C 94%	125 77%	107 81%	24F 96%	36 71%	139H 84%	24 67%	23 73%	144 81%	123 81%	41 77%	43 63%	124M 88%	126P 89%	40 63%
Very confident	86 41%	28C 62%	58 36%	47 36%	18DF 71%	21 41%	76H 46%	9 24%	12 39%	74 42%	64 42%	21 38%	18 27%	68M 48%	71P 50%	15 23%
Somewhat confident	81 39%	15 33%	67 41%	60 45%	6 24%	15 30%	63 38%	15 42%	11 34%	70 40%	60 39%	21 38%	25 36%	57 40%	55 39%	26 40%
Not too/Not at all	38 18%	3 6%	35B 22%	24 18%	1 4%	13E 25%	26 16%	10 28%	7 21%	31 18%	25 17%	13 23%	21N 31%	16 12%	15 11%	210 33%
Not too confident	25 12%	2 5%	23 14%	18 14%	1 4%	6 12%	17 10%	6 17%	6 18%	20 11%	16 11%	9 16%	14N 20%	11 8%	14 10%	11 18%
Not at all confident	13 6%	1 1%	12 7%	6 4%	-	7D 14%	9 5%	4 11%	1 3%	12 7%	9 6%	4 7%	8N 11%	5 4%	2 1%	100 15%
Don't know	4 2%	-	3 2%	2 1%	-	2 4%	1 1%	2G 5%	2 6%	2 1%	4 2%	-	4N 6%	-	-	30 4%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP



Q4. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Local emergency responders

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Very/Somewhat -----	174 83%	45 93% DE	49 88% (C)	58 77% (D)	21 73% (E)	86 84% (F)	88 82% (G)	38 80% (H)	59 86% (I)	26 86% (J)	20 90% (K)	155 83% (L)	14 75% (M)	33 74% (N)	72 81% (O)	66 90% (P)
Very confident	83 40%	26 55% D	21 37% (C)	23 30% (D)	13 45% (E)	36 35% (F)	47 44% (G)	23 49% (H)	28 41% (I)	9 30% (J)	7 34% (K)	75 40% (L)	6 35% (M)	18 39% (N)	37 42% (O)	28 39% (P)
Somewhat confident	91 43%	18 38% E	29 51% (C)	35 47% (D)	8 28% (E)	50 48% (F)	41 39% (G)	15 31% (H)	31 45% (I)	17 55% (J)	12 56% (K)	80 43% (L)	7 40% (M)	16 35% (N)	35 40% (O)	38 51% (P)
Not too/Not at all -----	29 14%	2 5% E	5 9% (C)	16 22% (D)	5 17% (E)	14 13% (F)	15 14% (G)	8 16% (H)	8 11% (I)	3 11% (J)	1 5% (K)	25 14% (L)	4 20% (M)	11 24% (N)	14 15% (O)	4 6% (P)
Not too confident	20 10%	2 3% E	5 9% (C)	12 15% (D)	2 6% (E)	8 8% (F)	12 11% (G)	5 10% (H)	5 7% (I)	3 8% (J)	1 3% (K)	18 10% (L)	2 10% (M)	6 13% (N)	11 12% (O)	4 5% (P)
Not at all confident	9 4%	1 2% E	- - (C)	5 6% C	3 11% (E)	6 6% (F)	3 3% (G)	3 6% (H)	3 4% (I)	1 3% (J)	1 3% (K)	7 4% (L)	2 11% (M)	5 11% (N)	3 3% (O)	1 1% (P)
Don't know	7 3%	1 2% E	2 3% (C)	1 1% (D)	3 9% (E)	3 3% (F)	4 3% (G)	2 4% (H)	2 3% (I)	1 3% (J)	1 5% (K)	6 3% (L)	1 5% (M)	1 2% (N)	3 3% (O)	3 4% (P)

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q4. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: Local emergency responders

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Preparations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Very/Somewhat	174 83%	42 92%	132 81%	116 87%	17 68%	40 79%	139 84%	30 83%	23 73%	151 85%	128 84%	44 81%	53 78%	120 85%	121 85%	53 82%
Very confident	83 40%	21 47%	62 38%	57 42%	11 42%	16 31%	69 41%	14 39%	11 36%	72 40%	60 40%	22 41%	24 35%	59 42%	56 40%	27 42%
Somewhat confident	91 43%	21 46%	70 43%	60 45%	7 26%	24 48%	70 42%	16 44%	12 37%	79 45%	67 44%	21 39%	29 43%	61 44%	65 46%	26 40%
Not too/Not at all	29 14%	2 5%	25 16%	13 10%	7 28%	9 17%	21 13%	5 15%	7 24%	21 12%	21 14%	8 15%	10 14%	19 14%	18 13%	9 14%
Not too confident	20 10%	2 5%	17 10%	9 7%	5 18%	6 12%	16 9%	3 7%	5 15%	15 8%	14 9%	6 12%	7 10%	13 10%	12 8%	6 10%
Not at all confident	9 4%	-	9 5%	4 3%	3 10%	2 5%	6 4%	3 8%	3 9%	6 3%	7 4%	2 4%	3 4%	6 4%	6 4%	3 5%
Don't know	7 3%	1 2%	6 3%	4 3%	1 4%	2 4%	6 3%	1 3%	1 3%	6 3%	4 2%	2 4%	6 8%	1 1%	3 2%	3 4%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q5. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: National relief agency, such as FEMA

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Very/Somewhat -----	115 55%	29 60%	35 61%	38 50%	13 45%	57 55%	58 54%	22 45%	35 51%	23 76% HIK	10 45%	100 54%	10 56%	21 47%	48 54%	45 61%
Very confident	28 14%	9 18%	8 15%	6 8%	5 17%	17 16%	11 11%	5 9%	9 13%	7 25%	3 13%	26 14%	3 14%	9 20%	11 12%	8 11%
Somewhat confident	86 41%	20 42%	26 46%	32 42%	8 28%	40 39%	46 44%	17 36%	26 38%	16 52%	7 31%	74 40%	8 42%	12 26%	37 42%	37 50%
Not too/Not at all -----	77 37%	12 25%	18 31%	35 47%	12 42%	41 40%	36 34%	19 40%	31 45%	4 13%	12 55% J	71 38%	7 37%	18 40%	33 37%	25 34%
Not too confident	47 23%	10 21%	13 22%	21 28%	4 12%	26 25%	21 20%	13 26%	20 29%	2 5%	8 35% J	44 24%	3 14%	10 21%	16 19%	20 27%
Not at all confident	30 14%	2 4%	5 9%	15 19% B	9 30% BC	15 15%	15 14%	6 13%	11 17%	2 8%	5 21%	26 14%	4 22%	9 19%	16 19% P	5 7%
Don't know	17 8%	7 15% D	4 7%	2 3%	4 13% D	5 5%	12 12%	7 15% I	2 3%	3 10%	-	15 8%	1 8%	6 13%	7 8%	4 5%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q5. Following a natural disaster or large-scale emergency, how confident are you that you could count on the following people to provide help within the first three days: National relief agency, such as FEMA

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Preparations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Very/Somewhat	115 55%	31C 70%	83 51%	76 57%	11 43%	28 56%	95 57%	17 46%	17 55%	97 55%	84 55%	30 55%	33 48%	82 58%	74 52%	39 61%
Very confident	28 14%	4 9%	24 15%	16 12%	2 8%	10 20%	23 14%	4 12%	6 20%	22 12%	16 11%	12K 22%	7 10%	21 15%	13 9%	160 24%
Somewhat confident	86 41%	27C 60%	59 36%	59 44%	9 35%	18 36%	72 43%	13 34%	11 35%	75 43%	68 45%	18 33%	26 38%	60 43%	62 44%	24 37%
Not too/Not at all	77 37%	13 28%	65 40%	49 37%	12 46%	17 33%	63 38%	15 40%	10 33%	66 38%	53 35%	24 44%	24 36%	53 38%	58 41%	18 28%
Not too confident	47 23%	11 25%	36 22%	32 24%	8 30%	8 15%	37 22%	10 28%	6 19%	41 23%	34 22%	12 23%	15 22%	32 23%	37 26%	10 15%
Not at all confident	30 14%	2 3%	29B 18%	17 13%	4 16%	9 18%	26 15%	5 13%	4 14%	25 14%	19 12%	11 21%	9 13%	21 15%	21 15%	8 13%
Don't know	17 8%	1 2%	15 9%	8 6%	3 11%	6 12%	8 5%	5 13%	4 12%	13 7%	16L 10%	1 1%	11N 16%	6 4%	9 6%	7 11%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q6. How likely do you think it is that a natural disaster or emergency will occur sometime in the next ten years in the Portland area?

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Total likely	152 73%	38 79%	44 78%	52 69%	19 64%	63 62%	89 83%	35 74%	48 70%	19 64%	16 71%	138 74%	11 57%	29 64%	66 75%	55 75%
Very likely	63 30%	18 37%	12 22%	22 30%	11 37%	26 25%	37 35%	14 30%	21 31%	7 23%	8 35%	58 31%	5 29%	15 33%	27 31%	20 27%
Somewhat likely	89 43%	20 42%	32 56%	30 39%	8 27%	38 37%	52 48%	21 44%	26 39%	12 41%	8 36%	80 43%	5 28%	14 31%	39 44%	35 48%
Total unlikely	54 26%	10 21%	12 21%	22 30%	10 33%	38 37%	16 15%	13 26%	18 27%	10 32%	6 29%	45 24%	8 43%	16 36%	21 24%	17 23%
Somewhat unlikely	33 16%	5 11%	8 14%	14 18%	6 21%	24 23%	10 9%	8 17%	10 15%	5 18%	4 19%	28 15%	5 27%	11 25%	12 13%	10 14%
Very unlikely	21 10%	5 10%	4 7%	9 12%	3 11%	14 14%	6 6%	4 9%	8 12%	4 15%	2 9%	18 9%	3 16%	5 11%	9 11%	6 9%
Don't know	3 1%	-	1 2%	1 1%	1 3%	1 1%	2 2%	-	2 3%	1 3%	-	3 2%	-	-	1 1%	2 3%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q6. How likely do you think it is that a natural disaster or emergency will occur sometime in the next ten years in the Portland area?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Preparations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Total likely	152 73%	37 81%	115 70%	96 72%	18 71%	39 76%	120 72%	27 74%	20 62%	132 75%	152L 100%	-	47 69%	105 75%	106 75%	44 69%
Very likely	63 30%	11 25%	51 31%	37 27%	8 34%	18 36%	48 29%	9 26%	7 24%	56 31%	63L 41%	-	17 26%	46 32%	38 27%	23 36%
Somewhat likely	89 43%	25 56%	64 39%	59 44%	9 38%	21 41%	72 43%	17 48%	12 39%	76 43%	89L 59%	-	30 43%	60 42%	68P 48%	21 33%
Total unlikely	54 26%	9 19%	45 28%	37 28%	6 25%	11 22%	44 27%	9 24%	11 34%	43 24%	-	54K 100%	19 28%	35 25%	34 24%	19 30%
Somewhat unlikely	33 16%	5 10%	29 18%	26 19%	2 10%	5 11%	28 17%	4 12%	5 16%	28 16%	-	33K 62%	10 14%	24 17%	23 16%	11 16%
Very unlikely	21 10%	4 9%	17 10%	11 8%	4 15%	5 11%	16 10%	4 12%	6 18%	15 8%	-	21K 38%	9 14%	11 8%	11 8%	9 14%
Don't know	3 1%	-	3 2%	1 1%	1 4%	1 2%	2 1%	1 3%	1 3%	2 1%	-	-	2 3%	1 1%	2 1%	1 1%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q7. What type of natural disaster or emergency are you most concerned about happening here in Portland?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Female	< \$50K	\$50K- \$100K	\$100K- \$150K	> \$150K	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Earthquake	182 87%	39 82%	49 87%	70 92%	23 79%	87 85%	95 89%	39 82%	61 89%	27 90%	20 93%	162 87%	15 80%	33 73%	80N 91%	66N 90%
Floods/Rain	18 9%	7 15%	5 9%	4 5%	2 6%	9 9%	9 8%	4 9%	5 7%	3 9%	1 3%	15 8%	3 17%	6 13%	5 6%	6 9%
Tsunami	5 2%	3 6%	1 3%	-	-	3 3%	2 1%	4I 8%	-	-	1 4%	4 2%	1 3%	2 3%	-	3 4%
Fires	3 2%	-	-	2 3%	1 3%	2 2%	2 1%	-	1 1%	-	1 6%	2 1%	1L 7%	1 1%	1 1%	2 2%
Volcanic eruption	3 1%	-	3D 5%	-	-	2 2%	1 1%	1 3%	1 2%	-	-	2 1%	1L 6%	1 2%	1 1%	1 1%
Tornado/Winds	3 1%	2 3%	-	1 1%	-	1 1%	2 1%	1 2%	-	-	-	3 1%	-	3OP 6%	-	-
Ice storms/Severe weather	2 1%	-	1 1%	1 1%	1 3%	2 2%	-	-	2 4%	-	-	2 1%	1 3%	1 3%	1 1%	-
Not concerned	2 1%	-	-	-	2CD 6%	-	2 2%	1 2%	1 1%	-	-	2 1%	-	2 4%	-	-
Nuclear war	2 1%	-	1 2%	-	1 3%	2 2%	-	1 2%	-	-	-	2 1%	-	1 2%	-	1 1%
Civil unrest/Riots	2 1%	-	-	1 1%	1 2%	2 1%	-	-	-	-	-	1 1%	1 3%	1 2%	1 1%	-
Election of Donald Trump	1 1%	-	-	1 1%	-	-	1 1%	-	-	-	-	1 1%	-	1 2%	-	-
Terrorist attacks	1 *	-	-	-	1 3%	-	1 1%	-	-	-	-	1 *	-	-	1 1%	-
Anarchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Climate change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention	2 1%	1 2%	-	1 1%	-	2 2%	-	-	-	1 3%	1 5%	1 1%	1L 5%	-	1 1%	1 1%
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecided/Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/No answer/Unsure	1 *	-	1 2%	-	-	1 1%	-	1 2%	-	-	-	1 *	-	-	1 1%	-

(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP  
 Note: Percentage less than 0.5 printed as \*.

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q7. What type of natural disaster or emergency are you most concerned about happening here in Portland?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
	209	45	163	133	25	51	166	37	31	177	152	54	68	141	141	65
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Total	209	45	163	133	25	51	166	37	31	177	152	54	68	141	141	65
Earthquake	182	40	141	119F	23	39	147	29	21	160I	136L	42	56	126	130P	50
	87%	90%	87%	89%	93%	78%	89%	80%	68%	90%	90%	78%	82%	89%	92%	77%
Floods/Rain	18	3	15	10	1	7	11	6	3	15	14	3	8	10	7	110
	9%	7%	9%	7%	4%	14%	7%	15%	9%	8%	9%	6%	12%	7%	5%	17%
Tsunami	5	-	5	4	-	1	3	2	-	5	5	-	2	3	2	3
	2%		3%	3%		2%	2%	4%		3%	3%		2%	2%	1%	5%
Fires	3	1	3	1	2D	-	3	-	3J	1	1	3K	1	3	2	1
	2%	1%	2%	1%	8%		2%		8%	*	*	5%	1%	2%	2%	2%
Volcanic eruption	3	1	2	1	-	2	3	-	-	3	2	1	2	1	1	2
	1%	1%	1%	1%		4%	2%			2%	1%	2%	3%	1%	1%	3%
Tornado/Winds	3	-	3	1	-	2	1	2	1	2	2	1	3N	-	-	30
	1%		2%	1%		3%	1%	4%	3%	1%	1%	2%	4%			4%
Ice storms/Severe weather	2	-	2	2	1	-	2	1	1	2	1	1	-	2	2	1
	1%		1%	1%	4%		1%	2%	3%	1%	1%	3%		2%	1%	1%
Not concerned	2	-	2	2	-	-	2	-	2J	-	-	2K	-	2	1	1
	1%		1%	1%			1%		6%			3%		1%	1%	1%
Nuclear war	2	1	1	1	-	1	1	1	2J	-	2	-	1	1	-	2
	1%	2%	1%	1%		2%	1%	2%	6%		1%		1%	1%		3%
Civil unrest/Riots	2	-	2	-	-	2	2	-	1	1	1	1	-	2	1	1
	1%		1%			3%	1%		3%	*	*	2%		1%	*	2%
Election of Donald Trump	1	-	-	-	-	1	-	-	-	1	1	-	1	-	-	-
	1%					2%				1%	1%		2%			
Terrorist attacks	1	1	-	1	-	-	1	-	-	1	1	-	-	1	1	-
	*	2%		1%			1%			1%	1%			1%	1%	
Anarchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Climate change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention	2	-	2	1	-	1	2	-	1	1	-	2K	-	2	1	1
	1%		1%	1%		2%	1%		3%	1%		4%		1%	1%	1%
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	1	-	1	-	-	1	1	-	-	1	1	-	1	-	-	1
	*		1%			2%	1%			1%	1%		1%			1%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP  
 Note: Percentage less than 0.5 printed as \*.



Q8. Let us know whether you have done, plan to do, or have not done each of the following:  
 Talked with members of your household about where to meet in case of an natural disaster or emergency

	Total	Age				Gender			Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+	
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)	
Have done	92 44%	18 37%	23 41%	40 53%	11 39%	45 44%	47 44%	14 29%	33 48%	11 36%	13H 61%	85M 46%	4 24%	10 21%	46N 52%	36N 49%	
Plan to do	34 16%	8 17%	11 20%	10 13%	5 19%	16 15%	18 17%	8 17%	10 14%	6 19%	4 16%	30 16%	2 13%	4 8%	14 16%	16N 22%	
Have not done	70 34%	18 38%	21 36%	22 29%	10 33%	38 37%	32 30%	22 46%	21 31%	12 40%	5 23%	60 32%	10L 55%	22P 49%	28 32%	18 25%	
Don't know	12 6%	4 8%	1 3%	4 6%	3 9%	3 3%	9 9%	4 8%	5 7%	2 5%	-	11 6%	1 8%	10OP 22%	-	3 4%	

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 (sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q8. Let us know whether you have done, plan to do, or have not done each of the following:  
 Talked with members of your household about where to meet in case of an natural disaster or emergency

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	92 44%	26C 58%	66 40%	54 40%	14 57%	24 48%	80H 48%	10 27%	17 55%	75 42%	74L 49%	18 33%	-	92M 65%	74P 52%	19 29%
Plan to do	34 16%	6 14%	28 17%	24 18%	3 11%	7 14%	26 16%	5 14%	4 12%	30 17%	22 14%	9 17%	14 21%	20 14%	25 17%	9 13%
Have not done	70 34%	10 22%	60 37%	47 35%	6 22%	17 34%	52 31%	19G 51%	7 21%	63 36%	48 31%	23 42%	49N 72%	21 15%	33 24%	37O 57%
Don't know	12 6%	3 6%	9 5%	8 6%	2 10%	2 4%	8 5%	3 7%	4 11%	9 5%	8 5%	4 8%	5 7%	7 5%	10 7%	1 1%

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 (sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q9. Let us know whether you have done, plan to do, or have not done each of the following:

Made an emergency kit for your household with basic items like food, water, a battery-powered radio, a flashlight and first-aid kit

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	119 57%	21 44%	31 55%	46 62%	20B 69%	60 58%	59 55%	19 40%	41H 60%	19 63%	12 54%	104 56%	10 55%	20 43%	49 56%	49N 67%
Plan to do	44 21%	10 20%	10 18%	19 25%	5 19%	20 20%	24 22%	14 30%	13 19%	3 10%	6 28%	39 21%	4 23%	11 24%	23 26%	11 14%
Have not done	46 22%	17DE 36%	15D 27%	10 13%	4 12%	23 22%	24 22%	14 30%	15 22%	8 27%	4 18%	42 23%	4 22%	15 33%	16 18%	14 19%
Don't know	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q9. Let us know whether you have done, plan to do, or have not done each of the following:

Made an emergency kit for your household with basic items like food, water, a battery-powered radio, a flashlight and first-aid kit

	Children In HH		Party		Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors			
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209	45	163	133	25	51	166	37	31	177	152	54	68	141	141	65
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	119	31	88	76	15	28	103H	13	24J	95	88	30	-	119M	93P	26
	57%	69%	54%	57%	60%	55%	62%	36%	76%	53%	58%	55%		84%	66%	40%
Plan to do	44	7	36	28	8	8	28	11	5	39	35	8	30N	14	25	17
	21%	16%	22%	21%	32%	16%	17%	30%	17%	22%	23%	14%	44%	10%	18%	26%
Have not done	46	7	39	30	2	15E	34	12	2	44I	29	16	38N	8	24	22O
	22%	16%	24%	22%	7%	29%	21%	34%	6%	25%	19%	30%	56%	6%	17%	34%
Don't know	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q10. Let us know whether you have done, plan to do, or have not done each of the following:  
 Developed a plan for what your household would do in case of a natural disaster or emergency that left you without electricity or water for an extended period of time, for example, two weeks

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	74 35%	11 23%	16 29%	31 41%	16BC 53%	36 35%	38 36%	12 25%	24 36%	13 42%	8 37%	64 34%	7 38%	14 30%	30 34%	30 40%
Plan to do	50 24%	6 13%	19B 34%	18 24%	5 19%	25 24%	25 23%	14 29%	14 21%	4 13%	8J 36%	45 24%	4 19%	13 29%	24 27%	12 17%
Have not done	82 39%	30CDE 62%	21 37%	24 32%	7 25%	42 41%	40 38%	22 46%	28 41%	14 45%	6 27%	74 40%	7 38%	16 36%	34 38%	30 41%
Don't know	4 2%	1 2%	-	2 3%	1 3%	-	4 4%	-	2 3%	-	-	3 2%	1 5%	2 4%	1 1%	1 1%

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 (sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q10. Let us know whether you have done, plan to do, or have not done each of the following:  
 Developed a plan for what your household would do in case of a natural disaster or emergency that left you without electricity or water for an extended period of time, for example, two weeks

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	74 35%	22C 49%	52 32%	44 33%	12 49%	18 36%	64 39%	9 25%	13 41%	61 35%	57 37%	17 32%	- 53%	74M 53%	60P 43%	14 21%
Plan to do	50 24%	8 18%	41 25%	30 23%	6 23%	14 27%	34 21%	11 29%	12 37%	38 21%	39 25%	10 18%	21 30%	29 20%	33 23%	16 25%
Have not done	82 39%	14 31%	68 41%	57 42%	7 28%	18 36%	65 39%	17 46%	7 22%	74I 42%	55 36%	25 46%	43N 64%	38 27%	47 33%	350 54%
Don't know	4 2%	1 2%	2 1%	3 2%	-	1 2%	3 2%	-	-	4 2%	2 1%	2 4%	4N 6%	-	2 1%	-

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 (sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q11. What motivated you to take steps to prepare for annatural disaster or emergency?

Base: Those who answered Yes to any of Q8-Q10

	Age				Gender		Income				Ethnicity		Household Size			
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	141 100%	29 100% (B)	34 100% (C)	56 100% (D)	22 100% (E)	70 100% (F)	71 100% (G)	24 100% (H)	49 100% (I)	20 100% (J)	17 100% (K)	126 100% (L)	11 100% (M)	25 100% (N)	59 100% (O)	56 100% (P)
Need to be prepared/ Survive/Commonsense	32 23%	4 15%	6 18%	17 30%	5 21%	15 22%	16 23%	4 15%	12 24%	3 15%	6 33%	26 21%	4 36%	8 33%	10 17%	14 24%
Chances of possible earthquake/Disaster	27 19%	7 24%	7 21%	8 14%	5 21%	9 13%	17 24%	3 12%	7 15%	5 27%	3 18%	25 20%	2 19%	2 6%	14 23%	11 20%
Media/News/Articles/ Government commercials of possible future earthquake	23 16%	4 13%	5 14%	11 20%	3 12%	12 17%	11 15%	5 19%	9 18%	3 17%	3 16%	17 14%	3 30%	4 17%	10 17%	8 14%
Parent responsibility/ Family/To protect family	15 11%	3 10%	5 14%	6 11%	1 4%	7 10%	8 11%	-	7 14%	4H 19%	2 9%	14 11%	1 12%	1 4%	3 5%	110 19%
Took training/Part of job	12 9%	2 8%	4 11%	5 9%	1 4%	8 11%	5 6%	1 4%	5 9%	3 14%	-	11 9%	1 8%	-	7 11%	5 10%
Friends/Family/Co workers advice	11 8%	6D 21%	4 11%	1 2%	1 2%	3 5%	8 11%	3 14%	3 5%	-	2 11%	9 7%	1 5%	1 4%	3 5%	7 13%
Prior experience in earthquakes/ Disasters	9 7%	2 5%	2 5%	4 7%	2 8%	7 10%	2 4%	2 10%	5 10%	-	2 12%	9 7%	-	40 17%	2 3%	3 5%
Presentation/Meeting that I attended	7 5%	2 8%	1 2%	4 7%	-	3 5%	4 5%	-	2 3%	3 13%	-	6 5%	1 13%	1 4%	4 6%	2 4%
Always Prepared	4 3%	3D 10%	1 3%	-	1 2%	4G 6%	-	3 13%	1 2%	-	-	4 3%	1 5%	2 6%	1 1%	2 4%
Lived in California	3 2%	-	1 3%	1 2%	1 4%	3 4%	-	1 4%	-	1 5%	-	3 2%	-	20 7%	-	1 2%
Safety	2 2%	2 5%	1 3%	-	-	1 1%	2 2%	1 4%	-	2 8%	-	2 2%	-	-	-	2 4%
Might take time for government/FEMA/ responders to help	2 2%	-	1 2%	1 2%	1 4%	1 2%	1 1%	2I 10%	-	-	-	2 2%	1 5%	-	2 3%	1 1%
Live in earthquake prone area	2 1%	-	1 3%	1 2%	-	1 1%	1 1%	-	2 4%	-	-	2 2%	-	-	2 3%	-
General mention of prior natural disasters	2 1%	-	2 6%	-	-	-	2 3%	1 4%	1 2%	-	-	2 1%	-	-	2 3%	-
Fear/Worry	2 1%	-	2 6%	-	-	-	2 3%	-	1 2%	-	1 6%	2 1%	-	-	1 2%	1 2%
Older/would need help in a disaster	2 1%	-	-	-	2D 8%	-	2 3%	1 4%	1 2%	-	-	2 1%	-	1 4%	1 2%	-

(continued)

Q11. What motivated you to take steps to prepare for annatural disaster or emergency?

Base: Those who answered Yes to any of Q8-Q10

	Age				Gender		Income				Ethnicity		Household Size			
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Nothing	1 1%	-	-	-	1 4%	-	1 1%	-	-	-	-	1 1%	-	-	1 2%	-
Election of Donald Trump	1 1%	-	1 3%	-	-	1 1%	-	-	-	-	1 5%	1 1%	-	-	-	1 2%
Have kits/Supplies on hand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention	1 1%	-	-	-	1 4%	1 1%	-	1 4%	-	-	-	1 1%	-	-	1 2%	-
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP



DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q11. What motivated you to take steps to prepare for annatural disaster or emergency?

Base: Those who answered Yes to any of Q8-Q10

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
	141	36	105	85	23	32	123	16	25	116	105	35	-	141	108	33
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Total	141	36	105	85	23	32	123	16	25	116	105	35	-	141	108	33
Need to be prepared/ Survive/Commonsense	32	9	23	24	4	4	32H	-	8	24	23	9	-	32	21	11
	23%	24%	22%	28%	17%	12%	26%		32%	21%	21%	27%		23%	19%	34%
Chances of possible earthquake/Disaster	27	3	23	18	5	3	25	1	3	24	22	5	-	27	19	7
	19%	9%	22%	21%	24%	11%	20%	4%	12%	20%	21%	14%		19%	18%	22%
Media/News/Articles/ Government commercials of possible future earthquake	23	6	17	14	4	5	21	2	4	19	16	6	-	23	17	6
	16%	16%	16%	16%	18%	15%	17%	12%	15%	16%	15%	18%		16%	16%	18%
Parent responsibility/ Family/To protect family	15	9C	6	7	3	6	14	1	2	13	13	2	-	15	12	3
	11%	26%	5%	8%	11%	18%	11%	6%	7%	11%	13%	4%		11%	11%	9%
Took training/Part of job	12	3	9	7	2	3	11	1	2	10	10	2	-	12	10	2
	9%	9%	8%	9%	8%	9%	9%	6%	8%	9%	10%	5%		9%	9%	6%
Friends/Family/Co workers advice	11	7C	4	7	2	3	9	2	-	11	10	2	-	11	11	-
	8%	20%	4%	8%	7%	10%	7%	16%		10%	9%	4%		8%	10%	
Prior experience in earthquakes/ Disasters	9	2	7	5	1	4	6	3	1	8	6	3	-	9	8	2
	7%	5%	7%	5%	4%	12%	5%	17%	4%	7%	6%	8%		7%	7%	5%
Presentation/Meeting that I attended	7	1	7	2	2	3D	6	1	1	6	5	2	-	7	3	4
	5%	2%	6%	2%	9%	11%	5%	7%	4%	5%	5%	6%		5%	3%	11%
Always Prepared	4	1	4	2	-	3	2	2	2	3	2	2	-	4	4	-
	3%	3%	3%	2%		9%	2%	10%	6%	3%	2%	7%		3%	4%	
Lived in California	3	1	2	2	-	1	2	1	-	3	2	1	-	3	3	-
	2%	3%	2%	2%		3%	2%	6%		2%	2%	3%		2%	3%	
Safety	2	2	1	1	2	-	2	-	-	2	2	1	-	2	2	1
	2%	4%	1%	1%	7%		2%			2%	1%	3%		2%	1%	3%
Might take time for government/FEMA/ responders to help	2	-	2	2	-	-	2	-	1	1	2	1	-	2	1	2
	2%		2%	3%			2%		4%	1%	2%	3%		2%	1%	5%
Live in earthquake prone area	2	-	2	2	-	-	1	1	-	2	2	-	-	2	2	-
	1%		2%	2%			1%	6%		2%	2%			1%	2%	
General mention of prior natural disasters	2	1	1	-	1	1	-	2G	1	1	1	1	-	2	2	-
	1%	3%	1%		4%	3%		12%	4%	1%	1%	3%		1%	2%	
Fear/Worry	2	1	1	2	-	-	2	-	-	2	2	-	-	2	2	-
	1%	3%	1%	2%			2%			2%	2%			1%	2%	
Older/would need help in a disaster	2	-	2	1	1	-	1	1	2J	-	1	1	-	2	2	-
	1%		2%	1%	4%		1%	6%	7%		1%	3%		1%	2%	

(continued)

Q11. What motivated you to take steps to prepare for annatural disaster or emergency?

Base: Those who answered Yes to any of Q8-Q10

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Nothing	1 1%	1 3%	-	1 1%	-	-	1 1%	-	-	1 1%	1 1%	-	-	1 1%	1 1%	-
Election of Donald Trump	1 1%	-	1 1%	-	-	1 3%	1 1%	-	-	1 1%	1 1%	-	-	1 1%	-	1 3%
Have kits/Supplies on hand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention	1 1%	-	1 1%	1 1%	-	-	1 1%	-	-	1 1%	1 1%	-	-	1 1%	1 1%	-
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q12. How many of your neighbors do you know by name?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	86 41%	15 31%	17 31%	38C 51%	15C 52%	42 41%	43 41%	10 22%	27 40%	17H 55%	13H 57%	77 41%	7 40%	12 28%	37 41%	35N 47%
Some	48 23%	7 15%	18 31%	15 19%	9 30%	15 15%	33F 31%	14 29%	18 26%	3 10%	6 25%	44 24%	3 14%	13 29%	23 26%	12 17%
Few	49 24%	14 29%	15 26%	17 23%	4 12%	31G 31%	18 17%	14 29%	14 21%	8 26%	4 17%	43 23%	5 28%	12 26%	20 22%	18 24%
One	7 3%	2 5%	4 7%	1 1%	-	3 3%	4 4%	4 8%	2 3%	-	-	6 3%	1 5%	4 8%	2 2%	2 2%
None	19 9%	9CD 20%	3 6%	4 6%	2 6%	11 10%	8 8%	6 12%	8 11%	2 8%	-	16 9%	2 13%	4 10%	7 8%	7 9%
Don't know	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q12. How many of your neighbors do you know by name?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Un- likely	None	Some	Most/ Some	Other	
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	86 41%	25C 56%	60 37%	51 38%	17DF 67%	18 35%	79H 47%	7 19%	12 37%	74 42%	68 45%	16 30%	12 18%	73M 52%	83P 58%	3 5%
Some	48 23%	11 24%	37 23%	39F 29%	3 11%	7 13%	32 19%	12 32%	10 30%	39 22%	33 22%	14 26%	18 27%	30 21%	37 26%	11 17%
Few	49 24%	7 15%	42 26%	26 20%	5 21%	18D 35%	41 25%	8 21%	7 23%	41 23%	32 21%	16 30%	20 29%	29 21%	18 13%	31O 48%
One	7 3%	1 2%	6 4%	6 4%	-	2 3%	4 2%	3G 9%	3 9%	4 2%	4 3%	3 5%	5N 8%	2 1%	1 1%	50 8%
None	19 9%	1 2%	17 10%	12 9%	-	7 14%	10 6%	6G 18%	-	19 11%	14 9%	4 8%	12N 18%	7 5%	2 2%	140 22%
Don't know	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q13. How many of your neighbors would you feel comfortable asking for a small favor such as yardwork or borrowing a cup of sugar?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Female	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	91 44%	16 34%	23 41%	34 46%	17B 59%	47 46%	44 41%	15 32%	31 46%	15 50%	10 47%	83 45%	7 39%	13 28%	43N 49%	35 47%
Some	51 24%	16 32%	13 23%	16 21%	6 22%	22 21%	30 28%	14 29%	18 27%	6 21%	7 31%	42 23%	5 26%	12 26%	17 19%	21 29%
Few	37 18%	8 17%	12 21%	13 18%	4 12%	16 15%	21 20%	7 15%	8 12%	6 20%	5 22%	33 18%	3 19%	12 26%	16 18%	10 13%
One	10 5%	3 7%	5 8%	2 3%	- -	7 6%	3 3%	2 4%	4 5%	3 9%	- -	10 5%	- -	2 4%	5 5%	3 5%
None	18 9%	5 10%	3 6%	8 11%	2 6%	11 10%	8 7%	10JK 21%	6 9%	- -	- -	16 9%	2 13%	6 13%	8 9%	4 6%
Don't know	2 1%	- -	1 1%	1 1%	- -	1 1%	1 1%	- -	1 1%	- -	- -	1 1%	1 3%	1 2%	- -	1 1%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q13. How many of your neighbors would you feel comfortable asking for a small favor such as yardwork or borrowing a cup of sugar?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	91 44%	23 51%	69 42%	54 40%	16D 62%	22 44%	78 47%	13 36%	11 35%	80 45%	68 44%	23 43%	18 27%	73M 52%	83P 58%	9 14%
Some	51 24%	13 29%	38 23%	36 27%	6 22%	9 18%	39 24%	10 27%	9 30%	42 23%	39 26%	10 19%	16 24%	35 25%	41 29%	10 16%
Few	37 18%	5 11%	32 20%	23 17%	4 15%	10 19%	28 17%	7 18%	6 19%	31 17%	26 17%	11 19%	12 18%	25 17%	14 10%	23O 35%
One	10 5%	1 2%	9 5%	5 4%	-	5 10%	7 4%	2 7%	1 3%	9 5%	8 5%	2 3%	7N 10%	3 2%	2 1%	80 12%
None	18 9%	3 6%	16 10%	15 11%	-	3 6%	13 8%	4 12%	4 13%	14 8%	10 7%	8 15%	13N 19%	6 4%	2 1%	14O 22%
Don't know	2 1%	1 1%	-	-	-	2D 3%	1 *	-	-	2 1%	1 1%	1 1%	2 2%	-	-	1 1%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP  
 Note: Percentage less than 0.5 printed as \*.

Q14. How many of your neighbors could you provide accurate information about the number of people living in their home to first responders in the case of an emergency?

	Age				Gender			Income			Ethnicity		Household Size			
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Most	105 50%	15 31%	28 50%	41B 54%	21BC 72%	49 48%	56 52%	18 37%	34 51%	17 57%	16H 71%	98M 53%	6 30%	19 41%	47 53%	39 53%
Some	36 17%	12 25%	9 16%	13 17%	3 9%	18 18%	18 17%	9 19%	15 22%	4 12%	3 16%	28 15%	5 28%	7 16%	14 16%	14 19%
Few	37 17%	12 25%	11 20%	10 14%	3 9%	16 16%	21 19%	13 26%	10 15%	4 13%	2 9%	32 17%	5 26%	9 19%	15 17%	13 17%
One	9 4%	2 5%	4 6%	3 4%	-	7 6%	3 2%	1 2%	2 3%	3 9%	-	8 4%	1 5%	3 8%	2 2%	4 5%
None	19 9%	6 13%	4 7%	6 8%	3 9%	12 12%	7 6%	7 14%	6 9%	3 9%	1 5%	18 10%	1 6%	5 11%	9 11%	4 6%
Don't know	3 1%	1 2%	-	2 3%	-	-	3 3%	1 2%	1 1%	-	-	2 1%	1 5%	2 4%	1 1%	-

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q14. How many of your neighbors could you provide accurate information about the number of people living in their home to first responders in the case of an emergency?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Preparations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	105 50%	31C 69%	74 45%	67 50%	19DF 74%	20 39%	87 53%	16 44%	20 63%	85 48%	79 52%	24 44%	22 33%	83M 59%	105P 74%	-
Some	36 17%	7 16%	29 18%	27 20%	2 6%	8 15%	30 18%	6 18%	2 6%	34 19%	26 17%	10 19%	11 16%	25 18%	36P 26%	-
Few	37 17%	4 9%	33 20%	21 16%	3 11%	13 25%	29 18%	6 17%	6 19%	30 17%	28 18%	7 14%	15 22%	22 15%	-	37O 57%
One	9 4%	1 2%	8 5%	5 4%	1 4%	3 7%	6 3%	3 9%	3 9%	6 4%	4 3%	5 9%	3 5%	6 4%	-	9O 14%
None	19 9%	2 4%	17 11%	11 9%	1 4%	6 13%	13 8%	4 12%	1 3%	18 10%	12 8%	7 13%	14N 20%	5 4%	-	19O 29%
Don't know	3 1%	-	2 1%	2 1%	-	1 2%	1 1%	-	-	3 2%	2 1%	1 2%	3N 4%	-	-	-

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP



Q15. Let us know whether individuals in your neighborhood or your neighborhood association have done, plan to do, or have not done each of the following: Talked with your neighbors about what to do in case of a natural disaster or emergency

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Have done	39 19%	4 9%	7 13%	19B 26%	8B 28%	22 22%	17 16%	4 8%	12 17%	5 16%	8H 35%	32 17%	6 30%	4 9%	18 21%	16 21%
Plan to do	29 14%	6 13%	6 11%	12 16%	5 16%	15 14%	14 13%	6 12%	12 18%	3 11%	3 14%	28 15%	1 3%	6 12%	15 17%	8 11%
Have not done	122 58%	32 67%	39DE 69%	37 49%	14 47%	58 57%	63 59%	34K 71%	39 57%	20 68%	10 46%	108 58%	10 56%	31 69%	46 52%	44 60%
Don't know	19 9%	6 12%	4 7%	7 10%	3 9%	7 7%	12 11%	4 9%	5 8%	2 5%	1 5%	17 9%	2 11%	4 10%	9 10%	6 8%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

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Q15. Let us know whether individuals in your neighborhood or your neighborhood association have done, plan to do, or have not done each of the following: Talked with your neighbors about what to do in case of a natural disaster or emergency

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors		
	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other	
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	39 19%	16C 35%	23 14%	23 17%	6 23%	11 21%	33 20%	4 10%	5 15%	34 19%	28 18%	12 21%	6 8%	33M 24%	32P 23%	7 10%
Plan to do	29 14%	5 12%	24 15%	18 13%	4 17%	7 13%	25 15%	3 7%	4 12%	25 14%	24 16%	4 7%	6 8%	23 16%	22 16%	6 9%
Have not done	122 58%	23 52%	98 60%	79 59%	14 56%	28 56%	92 55%	28G 77%	20 63%	101 57%	84 55%	36 67%	49N 72%	73 52%	75 53%	46O 71%
Don't know	19 9%	1 2%	17 11%	13 10%	1 4%	5 10%	15 9%	2 6%	3 10%	16 9%	16 11%	3 6%	8 12%	12 8%	12 9%	6 10%

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q16. Let us know whether individuals in your neighborhood or your neighborhood association have done, plan to do, or have not done each of the following: Developed and shared a plan for what people in the neighborhood would do in case of a natural disaster or emergency that left your area without electricity or water for an extended period of time, for example, two weeks

	Age				Gender		Income				Ethnicity		Household Size			
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	35 17%	5 11%	5 8%	20 26%	5 17%	15 14%	20 19%	4 9%	11 17%	4 13%	2 7%	30 16%	3 14%	4 10%	16 18%	13 18%
Plan to do	31 15%	7 15%	10 18%	9 12%	5 16%	20 19%	12 11%	2 5%	16 23%	3 9%	6 25%	25 14%	4 21%	6 13%	14 16%	11 15%
Have not done	107 51%	24 49%	31 56%	36 48%	16 55%	52 51%	55 51%	32 66%	30 44%	21 69%	10 45%	96 52%	10 54%	28 61%	38 43%	40 55%
Don't know	36 17%	12 24%	10 18%	10 14%	4 12%	16 16%	20 19%	9 20%	11 16%	3 9%	5 22%	34 18%	2 11%	7 16%	20 22%	9 12%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q16. Let us know whether individuals in your neighborhood or your neighborhood association have done, plan to do, or have not done each of the following: Developed and shared a plan for what people in the neighborhood would do in case of a natural disaster or emergency that left your area without electricity or water for an extended period of time, for example, two weeks

	Children In HH			Party			Residence		Disability		Likelihood Of Disaster	# Of Preparations	Info About Neighbors			
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Unlikely	Likely	None	Some	Most/Some	Other
Total	209	45	163	133	25	51	166	37	31	177	152	54	68	141	141	65
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	35	13C	22	20	7	9	29	5	5	30	28	5	2	33M	30P	5
	17%	29%	13%	15%	27%	17%	17%	14%	16%	17%	19%	10%	3%	23%	21%	8%
Plan to do	31	7	25	20	2	9	28	2	4	27	25	6	9	23	25	5
	15%	14%	15%	15%	10%	17%	17%	7%	14%	15%	16%	12%	13%	16%	18%	8%
Have not done	107	22	85	72	14	21	83	21	17	89	69	37K	44N	63	67	40
	51%	49%	52%	54%	56%	42%	50%	58%	56%	50%	45%	69%	65%	45%	47%	62%
Don't know	36	4	31	22	2	12	26	8	5	31	30	5	13	23	20	14
	17%	8%	19%	16%	8%	24%	16%	21%	15%	18%	20%	9%	19%	16%	14%	22%

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 (sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q17. What do you think motivated your neighborhood to take steps to prepare for a natural disaster or emergency?

Base: Those who answered Yes to any of Q15-Q16

	Age				Gender		Income				Ethnicity		Household Size			
	Total	18-29	30-44	45-64	65+	Male	Female	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	53 100%	7 100% (B)	10 100% (C)	26 100% (D)	9 100% (E)	27 100% (F)	26 100% (G)	5 100% (H)	16 100% (I)	7 100% (J)	8 100% (K)	44 100% (L)	6 100% (M)	6 100% (N)	23 100% (O)	23 100% (P)
Media New/Articles of possible future earthquakes	11 20%	-	3 27%	6 23%	2 20%	6 22%	5 18%	2 36%	2 12%	2 28%	3 37%	9 20%	2 29%	1 25%	5 20%	4 20%
Need to be prepared/Survive/Commonsense	8 16%	1 12%	2 18%	5 18%	1 10%	5 20%	3 12%	2 29%	4 24%	1 15%	1 12%	7 16%	1 24%	1 10%	3 12%	4 17%
Had a group/social meeting	5 10%	-	1 9%	4 16%	-	1 3%	4 16%	-	-	1 15%	1 12%	5 12%	-	-	3 14%	2 9%
Family concerns	5 10%	-	1 9%	4 16%	-	4 15%	1 4%	-	2 12%	-	-	5 11%	-	-	2 8%	3 14%
People being aware and educated of the possibility of earthquakes/disasters	5 9%	-	2 18%	2 8%	1 10%	1 3%	4 16%	-	2 11%	1 14%	1 14%	5 11%	-	-	4 17%	1 4%
Good change of a earthquake happening	5 9%	-	2 18%	1 4%	2 19%	4 14%	1 4%	1 17%	1 6%	1 13%	2 25%	5 11%	-	-	4 16%	1 4%
Disaster can happen	4 7%	2D 34%	-	1 4%	-	1 3%	3 10%	-	2 10%	-	-	3 6%	1 14%	-	1 5%	2 11%
Want to be able to help in emergency/disaster	3 6%	-	1 9%	2 8%	-	1 4%	2 8%	-	1 6%	-	2 25%	3 7%	-	-	1 4%	2 9%
Talking to neighbors to prepare	2 5%	-	-	1 4%	1 16%	1 2%	2 8%	-	1 6%	-	-	2 4%	1 8%	1P 18%	1 6%	-
Been in prior disaster	2 5%	-	-	1 4%	1 16%	1 2%	2 8%	18%	1 6%	-	-	2 4%	1 8%	1 16%	2 7%	-
Might take time for government/FEMA/responders to help	2 4%	1 12%	-	1 4%	-	2 7%	-	-	1 6%	-	-	1 2%	1 14%	-	-	2 8%
Participant as influencer	1 2%	-	-	-	1 10%	-	1 4%	-	-	1 14%	-	1 2%	-	-	-	1 4%
Older and will need help	1 2%	-	-	-	1 10%	-	1 4%	18%	-	-	-	1 2%	-	1 16%	-	-
Election of Donald Trump	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(continued)

Q17. What do you think motivated your neighborhood to take steps to prepare for a natural disaster or emergency?

Base: Those who answered Yes to any of Q15-Q16

	Age				Gender		Income				Ethnicity		Household Size			
	18-29	30-44	45-64	65+	Male	Female	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	7 13%	4 53%	1 9%	1 4%	1 10%	3 12%	3 13%	-	2 11%	-	-	3 8%	1 15%	20 31%	1 4%	4 17%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q17. What do you think motivated your neighborhood to take steps to prepare for a natural disaster or emergency?

Base: Those who answered Yes to any of Q15-Q16

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
	53	21	32	32	8	13	45	5	6	47	39	12	6	47	45	8
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Total	53	21	32	32	8	13	45	5	6	47	39	12	6	47	45	8
Media New/Articles of possible future earthquakes	11	6	4	10F	1	-	10	1	2	9	9	2	2	9	9	2
Need to be prepared/ Survive/Commonsense	8	4	4	7	1	-	7	2	-	8	6	2	3N	5	7	1
Had a group/social meeting	5	2	3	2	-	3	4	-	1	4	4	1	-	5	4	1
Family concerns	5	3	2	2	1	2	4	1	-	5	4	1	-	5	5	-
People being aware and educated of the possibility of earthquakes/ disasters	5	2	3	3	-	2	4	1	2J	3	4	1	1	4	4	1
Good change of a earthquake happening	5	1	4	4	-	1	5	-	-	5	2	3K	1	4	5	-
Disaster can happen	4	2	2	2	1	1	4	-	-	4	4	-	-	4	2	1
Want to be able to help in emergency/ disaster	3	2	1	2	1	-	3	-	-	3	3	-	-	3	2	1
Talking to neighbors to prepare	2	1	2	1	1	-	2	-	-	2	2	1	-	2	2	-
Been in prior disaster	2	-	2	1	1	1	2	1	1	2	2	-	-	2	2	-
Might take time for government/FEMA/ responders to help	2	-	2	-	-	2D	2	-	1	1	1	-	-	2	2	-
Participant as influencer	1	1	-	1	-	-	1	-	-	1	-	1	-	1	1	-
Older and will need help	1	-	1	1	-	-	-	1G	1J	-	1	-	-	1	1	-
Election of Donald Trump	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(continued)

Q17. What do you think motivated your neighborhood to take steps to prepare for a natural disaster or emergency?

Base: Those who answered Yes to any of Q15-Q16

	Children In HH		Party		Residence		Disability		Likelihood Of Disaster		# Of Prep- erations		Info About Neighbors			
	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other	
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Don't know/ No answer/Unsure	7 13%	2 11%	4 14%	2 6%	1 12%	4 29%	6 12%	-	-	7 14%	5 12%	2 15%	-	7 14%	6 13%	1 12%

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP



Q18. I identify my gender identity as:

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Male	102 49%	24 51%	31 54%	37 49%	11 37%	102G 100%	-	25 53%	32 47%	15 49%	15 66%	89 48%	13L 70%	21 46%	42 48%	39 54%
Female	107 51%	24 49%	26 46%	39 51%	18 63%	-	107F 100%	23 47%	36 53%	15 51%	7 34%	97M 52%	5 30%	25 54%	46 52%	34 46%
Non-binary or gender non-conforming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q18. I identify my gender identity as:

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209	45	163	133	25	51	166	37	31	177	152	54	68	141	141	65
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Male	102	18	84	61	11	31	83	19	14	88	63	38K	33	70	68	35
	49%	41%	52%	46%	42%	60%	50%	52%	44%	50%	42%	70%	48%	50%	48%	54%
Female	107	27	79	72	14	20	83	18	17	89L	89L	16	36	71	74	30
	51%	59%	48%	54%	58%	40%	50%	48%	56%	50%	58%	30%	52%	50%	52%	46%
Non-binary or gender non-conforming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

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Q19. Age

Total	Age				Gender		Income				Ethnicity		Household Size			
	18-29	30-44	45-64	65+	Male	Female	<\$50K	\$50K-\$100K	\$100K-\$150K	>\$150K	White	Other	<=1	2	3+	
209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)	
18 - 29	48 23%	48CDE 100%	-	-	24 24%	24 22%	14K 29%	15K 22%	6K 21%	-	39 21%	8L 44%	10 21%	16 19%	22 30%	
30 - 44	56 27%	-	56BDE 100%	-	31 30%	26 24%	13 28%	21 31%	9 30%	8 38%	52 28%	4 21%	8 19%	19 21%	29NO 40%	
45 - 64	75 36%	-	-	75BCE 100%	37 36%	39 36%	8 18%	24 35%	11 36%	14HI 62%	67 36%	5 30%	14 30%	41P 47%	19 25%	
65+	29 14%	-	-	-	29BC 100%D	11 11%	18 17%	12K 25%	8 12%	4 12%	-	28 15%	1 6%	14OP 30%	12 14%	4 5%
Refused	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q19. Age

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
18 - 29	48 23%	6 14%	42 26%	26 19%	6 22%	17D 33%	35 21%	12 32%	3 10%	45 25%	38 25%	10 19%	19 28%	29 21%	27 19%	210 32%
30 - 44	56 27%	23C 52%	33 20%	37 28%	3 11%	17 33%	40 24%	15G 42%	6 21%	49 28%	44 29%	12 22%	23 33%	34 24%	38 27%	19 29%
45 - 64	75 36%	14 30%	61 37%	49 37%	10 41%	16 31%	69H 41%	2 6%	14 43%	62 35%	52 34%	22 41%	19 28%	56 40%	54 38%	20 30%
65+	29 14%	2 4%	27B 17%	21F 16%	6F 25%	1 3%	22 13%	7 20%	8J 26%	21 12%	19 12%	10 18%	7 11%	22 16%	24 17%	5 8%
Refused	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

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Q21. Which category best describes your 2015 gross household income, before taxes?

Remember to include everyone living in your household. Your best estimate will do.

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Less than \$25,000	22 11%	6 13%	5 8%	4 6%	7CD 25%	11 10%	12 11%	22IJK 46%	-	-	-	22 12%	-	100P 22%	6 7%	6 8%
\$25,000 to less than \$50,000	26 12%	8 17%	9 16%	4 6%	5 16%	15 14%	11 10%	26IJK 54%	-	-	-	22 12%	4 19%	10P 21%	10 12%	6 8%
\$50,000 to less than \$75,000	38 18%	8 16%	13 22%	13 18%	5 16%	20 20%	18 17%	-	38HJK 56%	-	-	36 19%	2 13%	6 14%	18 20%	14 19%
\$75,000 to less than \$100,000	30 14%	7 15%	8 15%	11 14%	4 12%	12 12%	18 17%	-	30HJK 44%	-	-	26 14%	3 18%	8 18%	13 14%	9 12%
\$100,000 to less than \$150,000	30 14%	6 13%	9 16%	11 14%	4 12%	15 14%	15 15%	-	-	30HIK 100%	-	26 14%	4 22%	3 6%	13 15%	14 19%
\$150,000 or more	22 11%	-	8BE 15%	14BE 18%	-	15 14%	7 7%	-	-	-	22HIJ 100%	20 11%	2 13%	1 1%	11N 12%	11N 15%
Refused	41 20%	13C 26%	5 8%	18C 24%	6 19%	16 15%	25 24%	-	-	-	-	34 18%	3 15%	8 17%	18 20%	15 20%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q21. Which category best describes your 2015 gross household income, before taxes?

Remember to include everyone living in your household. Your best estimate will do.

	Children In HH			Party			Residence		Disability		Likelihood Of Disaster	# Of Prep-erations	Info About Neighbors			
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Un-likely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
Less than \$25,000	22 11%	2 4%	20 12%	19 14%	1 4%	2 5%	8 5%	12G 33%	8J 26%	14 8%	16 11%	6 11%	12N 17%	10 7%	14 10%	7 11%
\$25,000 to less than \$50,000	26 12%	3 8%	22 14%	19 14%	2 10%	4 8%	18 11%	8 22%	3 10%	23 13%	19 12%	7 13%	12 18%	14 10%	13 9%	130 20%
\$50,000 to less than \$75,000	38 18%	6 13%	33 20%	27 20%	3 13%	8 15%	33 20%	5 13%	6 18%	33 18%	27 17%	10 18%	9 14%	29 21%	29 20%	9 13%
\$75,000 to less than \$100,000	30 14%	7 15%	23 14%	21 15%	5 18%	5 9%	23 14%	7 20%	4 13%	26 15%	21 14%	8 15%	10 15%	20 14%	21 15%	9 14%
\$100,000 to less than \$150,000	30 14%	12C 27%	18 11%	16 12%	4 17%	9 19%	27 16%	3 8%	1 3%	29 16%	19 13%	10 18%	10 15%	20 14%	21 15%	9 15%
\$150,000 or more	22 11%	8 18%	14 9%	13 10%	3 10%	7 13%	22H 13%	-	4 12%	18 10%	16 10%	6 12%	5 8%	17 12%	19 13%	3 5%
Refused	41 20%	7 16%	33 20%	19 14%	7 28%	16D 31%	36H 22%	2 4%	6 19%	35 20%	34 22%	7 13%	9 14%	32 22%	26 18%	14 22%

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q22. Which of the following best describes your race or ethnicity?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	> Or >	White	Other	<=1	2	3+
	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
African American/ Black	1 *	1 2%	-	-	-	-	1 1%	-	1 1%	-	-	-	1L 5%	1 2%	-	-
Asian/ Pacific Islander	3 1%	1 2%	1 2%	1 1%	-	2 2%	1 1%	-	1 2%	1 2%	1 3%	-	3L 14%	1 1%	1 1%	1 2%
Hispanic/Latino	5 2%	4 7%	1 1%	1 1%	-	4 4%	1 1%	2 4%	1 2%	1 3%	-	-	5L 26%	1 1%	1 1%	4 5%
Middle Eastern/ North African	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Native American/ American Indian	1 1%	1 2%	1 1%	-	-	1 1%	-	-	-	1 5%	-	-	1L 8%	-	1 1%	1 1%
White/Caucasian	188 90%	39 82%	53 94%	67 89%	28 96%	91 88%	97 91%	45 94%	62 91%	27 88%	20 89%	186M 100%	2 11%	42 92%	80 91%	64 88%
Other	9 4%	2 4%	2 3%	4 6%	1 4%	5 5%	3 3%	2 4%	2 3%	1 4%	2 8%	-	9L 47%	2 5%	4 5%	2 3%
Refused	5 2%	1 3%	1 1%	3 4%	-	1 1%	4 4%	-	1 1%	-	-	-	-	-	1 1%	3 4%

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 (sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP  
 Note: Percentage less than 0.5 printed as \*.

Q22. Which of the following best describes your race or ethnicity?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Un- likely	None	Some	Most/ Some	Other	
	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
African American/ Black	1 *	-	1 1%	1 1%	-	-	1 1%	-	-	1 1%	-	1 2%	1 1%	-	-	-
Asian/ Pacific Islander	3 1%	1 3%	1 1%	3 2%	-	-	1 1%	1 4%	-	3 1%	1 1%	1 2%	2 3%	1 *	1 1%	1 2%
Hispanic/Latino	5 2%	-	5 3%	2 2%	-	2 5%	5 3%	-	-	5 3%	3 2%	1 3%	1 1%	4 3%	2 2%	2 4%
Middle Eastern/ North African	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Native American/ American Indian	1 1%	1 1%	1 1%	1 *	1 4%	-	1 1%	-	-	1 1%	1 *	1 2%	-	1 1%	1 1%	-
White/Caucasian	188 90%	41 91%	146 89%	122 91%	22 88%	44 86%	147 89%	34 93%	30 96%	157 89%	139 91%	46 85%	60 88%	128 91%	126 89%	59 92%
Other	9 4%	2 4%	7 4%	5 4%	1 5%	2 4%	8 5%	1 3%	1 4%	7 4%	5 3%	4 7%	4 6%	5 4%	5 4%	3 5%
Refused	5 2%	1 3%	4 2%	2 1%	1 4%	2 4%	5 3%	-	-	5 3%	4 3%	1 2%	1 1%	4 3%	5 4%	-

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 (sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP  
 Note: Percentage less than 0.5 printed as \*.



Q23. Including yourself, how many people currently live in your household?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Female	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Less than or equal to 1	45 22%	10 20%	8 15%	14 18%	14 47% BCD	21 20%	25 23%	20 41%	14 21%	3 9%	1 3%	41 22%	4 22%	45 100%	-	-
2	88 42%	16 34%	19 33%	41 55%	12 41%	42 41%	46 43%	17 35%	30 44%	13 44%	11 48%	80 43%	7 37%	-	88 100%	-
3	34 16%	11 23%	13 22%	8 11%	3 9%	18 18%	16 15%	7 14%	10 15%	6 21%	4 17%	28 15%	3 19%	-	-	34 47%
4	25 12%	6 13%	13 23%	6 8%	-	9 8%	16 15%	1 2%	8 12%	6 21%	4 20%	22 12%	3 16%	-	-	25 34%
5+	14 7%	5 10%	4 7%	5 6%	1 3%	13 12%	2 1%	4 8%	4 6%	2 5%	3 11%	13 7%	1 6%	-	-	14 19%
Refused	2 1%	-	-	2 3%	-	-	2 2%	-	1 2%	-	-	1 1%	-	-	-	-
Mean base	206 99%	48 100%	56 100%	73 97%	28 97%	102 99%	105 98%	48 100%	66 97%	30 100%	22 100%	184 99%	18 100%	45 100%	88 100%	73 99%
Mean	2.4	2.6E	2.8DE	2.3E	1.6	2.6	2.3	2.1	2.3	2.7	3.0HI	2.4	2.5	0.9	2.0N	3.8NO

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q23. Including yourself, how many people currently live in your household?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Un- likely	None	Some	Most/ Some	Other	
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Less than or equal to 1	45 22%	-	44B 27%	33 25%	3 11%	9 18%	27 16%	15G 40%	12J 37%	34 19%	29 19%	16 30%	20N 30%	25 18%	26 18%	17 27%
2	88 42%	3 6%	85B 52%	54 40%	14 57%	20 40%	71 43%	16 42%	13 43%	75 42%	66 44%	21 39%	29 43%	59 42%	61 43%	26 41%
3	34 16%	19C 42%	15 9%	17 13%	7 27%	10 21%	30 18%	3 9%	2 6%	32 18%	25 16%	9 16%	6 9%	28 20%	25 17%	10 15%
4	25 12%	15C 32%	10 6%	16 12%	1 4%	8 16%	25H 15%	-	3 8%	22 12%	21 14%	3 6%	8 12%	17 12%	18 13%	7 10%
5+	14 7%	9C 19%	6 4%	11 9%	-	3 6%	11 7%	3 8%	2 6%	12 7%	9 6%	5 9%	3 4%	11 8%	10 7%	5 7%
Refused	2 1%	-	2 1%	2 1%	-	-	2 1%	-	-	2 1%	2 1%	-	1 2%	1 1%	2 1%	-
Mean base	206 99%	45 100%	160 98%	130 98%	25 100%	51 100%	163 98%	37 100%	31 100%	174 98%	149 98%	54 100%	66 97%	140 99%	139 99%	64 99%
Mean	2.4	3.6C	2.1	2.4	2.2	2.5	2.5H	2.0	2.0	2.5	2.4	2.4	2.1	2.6M	2.5	2.3

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

Q24. Do any children under age 18 live in your home?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Yes	45 22%	6 13%	23 42%	14 18%	2 6%	18 18%	27 25%	5 11%	12 18%	12 41%	8 36%	40 22%	3 18%	-	3 3%	42 57%
No	163 78%	42 87%	33 58%	61 81%	27 94%	84 82%	79 74%	43 89%	56 82%	18 59%	14 64%	144 78%	15 82%	44 98%	85 97%	31 43%
Refused	1 1%	-	-	1 1%	-	-	1 1%	-	-	-	-	1 1%	-	1 2%	-	-

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q24. Do any children under age 18 live in your home?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Preparations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209	45	163	133	25	51	166	37	31	177	152	54	68	141	141	65
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Yes	45	45C	-	29	6	10	40	4	5	39	37	9	9	36M	39P	6
	22%	100%		22%	24%	20%	24%	12%	17%	22%	24%	16%	13%	26%	27%	10%
No	163	-	163B	104	19	39	126	32	26	137	115	45	58	105	103	580
	78%		100%	78%	76%	78%	76%	88%	83%	77%	75%	84%	86%	74%	73%	90%
Refused	1	-	-	-	-	1	-	-	-	1	1	-	1	-	-	-
	1%					2%				1%	1%		2%			

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 (sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q25. Party

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Democrat	133 64%	26 53%	37 66%	49 65%	21 73%	61 60%	72 68%	38 79%	48 70%	16 54%	13 58%	120 65%	12 63%	33 74%	54 61%	44 60%
Republican	25 12%	6 12%	3 5%	10 14%	6 22%	11 10%	14 14%	3 7%	8 12%	4 14%	3 11%	22 12%	2 11%	3 6%	14 16%	8 11%
Independent	35 17%	15 30%	16 28%	5 7%	-	20 19%	16 15%	5 11%	8 12%	7 23%	7 30%	32 17%	1 5%	6 13%	14 16%	15 21%
Other	1 1%	-	1 1%	-	1 3%	1 1%	-	1 2%	1 1%	-	-	1 *	1 3%	1 2%	-	1 1%
Non-affiliated	14 7%	2 5%	1 1%	10 14%	1 2%	10 9%	4 4%	1 1%	4 5%	3 9%	-	11 6%	3 17%	2 5%	6 7%	6 8%

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 (sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP  
 Note: Percentage less than 0.5 printed as \*.

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Q25. Party

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Democrat	133 64%	29 64%	104 64%	133EF 100%	-	-	103 62%	27 73%	21 66%	113 64%	96 63%	37 68%	48 70%	85 60%	94 66%	37 58%
Republican	25 12%	6 13%	19 12%	-	25DF 100%	-	22 13%	3 9%	5 17%	20 11%	18 12%	6 12%	2 3%	23M 17%	20 14%	5 8%
Independent	35 17%	7 16%	27 17%	-	-	35DE 70%	28 17%	5 14%	2 5%	34 19%	28 18%	7 14%	14 20%	22 15%	18 13%	16O 25%
Other	1 1%	1 1%	1 1%	-	-	1 3%	1 *	1 2%	1 3%	1 *	1 1%	1 1%	2 2%	-	-	1 2%
Non-affiliated	14 7%	3 6%	11 7%	-	-	14DE 27%	12 7%	1 2%	3 10%	10 6%	10 6%	3 6%	3 5%	11 8%	9 7%	5 7%

(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP  
 Note: Percentage less than 0.5 printed as \*.

Q26. Do you live in a single family home or multi-family residence?

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Single family	166 79%	35 72%	40 71%	69 91%	22 75%	83 81%	83 78%	26 53%	55 81%	27 90%	22 100%	145 78%	16 86%	27 60%	71 80%	66 90%
Multi-family	37 17%	12 24%	15 27%	2 3%	7 25%	19 18%	18 17%	20 42%	12 17%	3 10%	-	34 18%	3 14%	15 32%	16 18%	6 9%
Other	1 1%	-	-	1 1%	-	-	1 1%	-	-	-	-	1 1%	-	-	1 1%	-
Refused	6 3%	2 3%	1 2%	3 4%	-	1 1%	5 4%	2 4%	1 1%	-	-	6 3%	-	4 8%	1 1%	1 1%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

Q26. Do you live in a single family home or multi-family residence?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster	# Of Prep- erations	Info About Neighbors				
	Total	Yes	No	Dem	Rep	Ind/ Other	Single Family	Multi- Family	Yes	No	Likely	Un- likely	None	Some	Most/ Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Single family	166 79%	40 88%	126 77%	103 77%	22 86%	41 81%	166H 100%	-	23 73%	142 80%	120 79%	44 82%	43 63%	123M 87%	117 83%	48 74%
Multi-family	37 17%	4 10%	32 20%	27 20%	3 14%	7 13%	-	37G 100%	6 20%	30 17%	27 18%	9 16%	21N 31%	16 11%	22 16%	14 22%
Other	1 1%	-	1 1%	-	-	1 2%	-	-	1J 3%	-	1 1%	-	-	1 1%	-	1 2%
Refused	6 3%	1 2%	4 2%	4 3%	-	2 4%	-	-	1 3%	5 3%	5 3%	1 2%	5N 7%	1 1%	2 1%	2 2%

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP



Q27. Do you or someone in your household have a physical or mental disability that would create significant challenges or increase your vulnerability in a natural disaster or emergency?

	Total	Age				Gender			Income			Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	209 100%	48 100% (B)	56 100% (C)	75 100% (D)	29 100% (E)	102 100% (F)	107 100% (G)	48 100% (H)	68 100% (I)	30 100% (J)	22 100% (K)	186 100% (L)	18 100% (M)	45 100% (N)	88 100% (O)	74 100% (P)
Yes	31 15%	3 6%	6 11%	14 18%	8BC 28%	14 14%	17 16%	11J 23%	10 14%	1 3%	4 16%	30 16%	1 7%	12P 26%	13 15%	6 9%
No	177 85%	45E 94%	49 88%	62 82%	21 72%	88 86%	89 84%	37 77%	58 86%	29H 95%	18 84%	155 84%	17 90%	34 74%	75 85%	67N 91%
Don't know	1 *	-	1 1%	-	-	1 1%	-	-	-	1 2%	-	-	1L 3%	-	-	1 1%
Refused	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 (sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP  
 Note: Percentage less than 0.5 printed as \*.

Q27. Do you or someone in your household have a physical or mental disability that would create significant challenges or increase your vulnerability in a natural disaster or emergency?

	Children In HH		Party			Residence		Disability		Likelihood Of Disaster		# Of Prep-erations		Info About Neighbors		
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Un-likely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Yes	31 15%	5 12%	26 16%	21 15%	5 21%	5 11%	23 14%	6 18%	31 100%	-	20 13%	11 20%	7 10%	25 17%	22 15%	10 15%
No	177 85%	39 87%	137 84%	113 85%	20 79%	45 88%	142 86%	30 82%	-	177 100%	132 87%	43 80%	61 89%	116 83%	120 85%	54 84%
Don't know	1 *	1 1%	-	-	-	1 1%	1 *	-	-	-	1 *	-	1 1%	-	-	1 1%
Refused	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 (sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP  
 Note: Percentage less than 0.5 printed as \*.

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Individual Preparedness

	Age				Gender			Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	< \$50K	\$50K- \$100K	\$100K- \$150K	> Or >	White	Other	<=1	2	3+
Total	209 100%	48 100%	56 100%	75 100%	29 100%	102 100%	107 100%	48 100%	68 100%	30 100%	22 100%	186 100%	18 100%	45 100%	88 100%	74 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
None	68 33%	19 40%	23 40%	19 25%	7 25%	33 32%	36 33%	24IK 50%	20 29%	10 34%	5 24%	60 32%	8 42%	20P 45%	29 33%	18 24%
Some	141 67%	29 60%	34 60%	56 75%	22 75%	70 68%	71 67%	24 50%	49H 71%	20 66%	17H 76%	126 68%	11 58%	25 55%	59 67%	56N 76%
1	49 24%	15 31%	10 17%	19 25%	5 19%	26 26%	23 21%	10 21%	16 23%	6 21%	6 26%	45 24%	4 21%	13 29%	15 17%	21 28%
2	39 19%	7 15%	11 19%	14 18%	8 27%	16 15%	24 22%	7 14%	17 25%	5 15%	5 25%	36 19%	3 17%	5 12%	23 26%	11 15%
3	52 25%	7 14%	13 23%	24 31%	9 30%	28 27%	25 23%	7 15%	16 24%	9 30%	6 26%	45 24%	4 20%	6 14%	21 24%	24N 32%
Mean	1.4	1.0	1.3	1.6B	1.6B	1.4	1.4	0.9	1.4H	1.4	1.5H	1.4	1.2	0.9	1.4N	1.6N

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LM, NOP

DHM Research - Portland Bureau of Emergency Management Telephone Survey (West) - November 10-14, 2016

Individual Preparedness

	Children In HH			Party			Residence		Disability		Likelihood Of Disaster	# Of Preparations	Info About Neighbors			
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Unlikely	None	Some	Most/Some	Other
Total	209 100%	45 100%	163 100%	133 100%	25 100%	51 100%	166 100%	37 100%	31 100%	177 100%	152 100%	54 100%	68 100%	141 100%	141 100%	65 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
None	68 33%	9 19%	58B 36%	48E 36%	2 7%	18E 36%	43 26%	21G 57%	7 22%	61 34%	47 31%	19 36%	68N 100%	-	33 23%	32O 49%
Some	141 67%	36C 81%	105 64%	85 64%	23DF 93%	32 64%	123H 74%	16 43%	25 78%	116 66%	105 69%	35 64%	-	141M 100%	108P 77%	33 51%
1	49 24%	9 21%	40 25%	29 22%	9 34%	12 23%	45H 27%	4 11%	4 12%	45 26%	34 22%	15 27%	-	49M 35%	34 24%	16 24%
2	39 19%	12 26%	28 17%	25 18%	11DF 43%	4 8%	31 19%	7 19%	12J 38%	27 15%	30 19%	10 18%	-	39M 28%	31 22%	8 13%
3	52 25%	16 35%	37 23%	32 24%	4 15%	17 33%	47 28%	5 13%	9 28%	44 25%	42 28%	10 19%	-	52M 37%	44P 31%	8 13%
Mean	1.4	1.8C	1.3	1.3	1.7	1.4	1.5H	0.9	1.7	1.3	1.4	1.2	0.0	2.0M	1.6P	0.9

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(sig=.05) (all\_pairs) columns tested BC, DEF, GH, IJ, KL, MN, OP