

November 2016

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

Crosstabs



Prepared by DHM Research

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**Cascadia Employee Benchmark Survey**

November 10-14, 2016; N=804

**HOW TO READ CROSTABLES**

Q1. All in all, do you think things are headed in the right direction or are things pretty much on the wrong track?

	Total	Gender	
		Male	Female
Total	1371 100%	599 100% (B)	772 100% (C)
Right direction	943 69%	394 66%	549B 71%
Wrong track	236 17%	126C 21%	100 14%
Don't know	192 14%	79 13%	113 15%

(sig=.05) (all\_pairs) columns tested BC

**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%

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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			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Very/Somewhat -----	665 83%	169DE 88%	234DE 91%	194E 78%	68 66%	337 84%	327 81%	105 82%	73 83%	104 81%	383 84%	216 79%	204 84%	69 90%	44 87%	513 82%	137 87%	54 35%	244R 92%	361R 95%	
Very confident	527 66%	130 68%	179E 70%	158 63%	59 57%	257 64%	270 67%	80 62%	61 69%	81 63%	305 67%	168 61%	163 67%	61L 80%	31 62%	406 65%	107 69%	41 27%	194R 73%	286R 75%	
Somewhat confident	138 17%	39E 20%	54E 21%	36 14%	9 9%	81 20%	58 14%	25 20%	12 13%	22 17%	79 17%	49 18%	41 17%	8 10%	12 25%	107 17%	29 19%	13 9%	50R 19%	74R 20%	
Not too/Not at all -----	75 9%	6 3%	10 4%	38BC 15%	20BC 20%	40 10%	35 9%	13 10%	10 11%	13 10%	39 8%	33 12%	18 8%	4 5%	3 7%	63 10%	10 6%	48ST 31%	15 6%	11 3%	
Not too confident	31 4%	4 2%	3 1%	16C 7%	7C 7%	19 5%	12 3%	5 4%	4 5%	5 4%	16 4%	8 3%	11 4%	1 2%	1 2%	27 4%	3 2%	11 7%	9 3%	10 3%	
Not at all confident	45 6%	2 1%	7 3%	22BC 9%	14BC 13%	22 5%	23 6%	8 7%	5 6%	8 7%	22 5%	24M 9%	8 3%	3 3%	2 5%	36 6%	7 4%	37ST 24%	7T 2%	1 *	
Don't know	64 8%	17 9%	14 5%	17 7%	15CD 15%	24 6%	39 10%	10 8%	6 6%	11 9%	36 8%	25 9%	19 8%	4 5%	3 6%	50 8%	10 6%	51ST 33%	5 2%	8 2%	

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

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Very/Somewhat	665 83%	223C 96%	437 77%	398 81%	74 81%	193 88%	542 85%	109 77%	106 82%	552 83%	507L 85%	139 76%	208 83%	457 83%	457 82%	201 85%
Very confident	527 66%	177C 76%	345 61%	314 64%	67 73%	146 67%	430 67%	84 60%	80 62%	440 66%	402L 68%	107 58%	147 59%	380M 69%	373 67%	150 64%
Somewhat confident	138 17%	46 20%	92 16%	84 17%	7 8%	47E 21%	113 18%	25 18%	25 20%	113 17%	105 18%	32 18%	61N 24%	78 14%	84 15%	51 22%
Not too/Not at all	75 9%	5 2%	69B 12%	47 9%	13 14%	16 7%	57 9%	15 11%	15 12%	59 9%	48 8%	24 13%	25 10%	51 9%	52 9%	23 10%
Not too confident	31 4%	5 2%	25 4%	20 4%	6 6%	5 2%	22 3%	7 5%	4 3%	26 4%	22 4%	8 4%	9 4%	21 4%	17 3%	13 6%
Not at all confident	45 6%	1 *	44B 8%	27 6%	7 8%	10 5%	35 6%	8 6%	11 9%	34 5%	27 4%	16 9%	15 6%	29 5%	35 6%	10 4%
Don't know	64 8%	4 2%	59B 10%	49 10%	4 5%	11 5%	42 6%	17 12%	8 6%	55 8%	39 6%	20 11%	18 7%	46 8%	46 8%	12 5%

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

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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			Area			Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
Very/Somewhat -----	683 85%	163 85%	233 91%	204 82%	84 80%	338 84%	344 86%	109 85%	70 79%	110 85%	394 86%	229 84%	207 85%	65 86%	43 86%	523 83%	139 89%	114 74%	225 85%	337 89%
Very confident	466 58%	106 55%	171 67%	130 52%	58 56%	227 56%	238 59%	74 57%	50 56%	73 56%	270 59%	160 58%	155 64%	38 50%	24 47%	362 58%	92 59%	76 50%	156 59%	230 61%
Somewhat confident	217 27%	57 30%	61 24%	74 30%	25 24%	111 28%	106 26%	36 28%	20 23%	37 29%	124 27%	70 25%	51 21%	27 36%	19 38%	161 26%	48 30%	37 24%	69 26%	108 28%
Not too/Not at all -----	106 13%	23 12%	23 9%	40 16%	19 18%	56 14%	51 13%	17 14%	13 15%	18 14%	57 12%	42 15%	28 12%	11 14%	7 14%	91 14%	15 10%	32 21%	39 15%	35 9%
Not too confident	59 7%	11 5%	17 6%	17 7%	13 13%	34 8%	25 6%	7 6%	5 6%	9 7%	38 8%	19 7%	17 7%	6 8%	1 2%	51 8%	7 4%	15 10%	23 9%	20 5%
Not at all confident	47 6%	12 6%	7 3%	23 9%	6 6%	22 5%	26 6%	10 8%	8 9%	10 8%	19 4%	23 8%	11 4%	4 6%	6 12%	39 6%	8 5%	17 11%	16 6%	14 4%
Don't know	15 2%	7 4%	1 *	5 2%	2 1%	8 2%	7 2%	2 1%	5 6%	HJK 0 *	8 2%	3 1%	7 3%	0 1%	-	13 2%	2 1%	7 5%	0 *	7 2%

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

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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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
Very/Somewhat	683 85%	216C 93%	461 82%	422 86%	75 82%	186 85%	566H 88%	102 73%	105 81%	569 85%	525L 89%	135 74%	202 81%	480 87%	477 86%	196 84%
Very confident	466 58%	147 63%	316 56%	272 55%	59 65%	135 61%	384 60%	74 53%	73 57%	391 59%	340 57%	108 59%	132 53%	334 60%	325 59%	134 57%
Somewhat confident	217 27%	69 30%	145 26%	150E 30%	16 18%	51 23%	182 28%	28 20%	32 25%	179 27%	186L 31%	27 15%	70 28%	147 27%	152 27%	63 27%
Not too/Not at all	106 13%	14 6%	92B 16%	64 13%	13 14%	29 13%	71 11%	30G 21%	16 13%	90 13%	65 11%	38K 21%	40 16%	66 12%	65 12%	37 16%
Not too confident	59 7%	10 4%	49 9%	35 7%	6 7%	17 8%	42 7%	14 10%	7 5%	52 8%	38 6%	19 10%	23 9%	36 6%	32 6%	24 10%
Not at all confident	47 6%	4 2%	43B 8%	29 6%	7 8%	11 5%	29 5%	16G 12%	10 7%	38 6%	27 5%	18K 10%	18 7%	30 5%	33 6%	14 6%
Don't know	15 2%	3 1%	12 2%	6 1%	3 3%	5 2%	4 1%	8G 6%	8J 6%	7 1%	3 1%	11K 6%	8 3%	7 1%	12 2%	2 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			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	cen- tral/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Very/Somewhat -----	642 80%	135 70%	217B 84%	206B 83%	84 80%	317 79%	325 81%	103 80%	66 74%	101 79%	373 81%	210 77%	193 80%	68L 89%	42 85%	491 78%	132 84%	115 75%	213 81%	308 81%	
Very confident	340 42%	65 34%	106 41%	123B 49%	46 44%	158 39%	182 45%	53 41%	37 42%	55 42%	195 43%	105 38%	104 43%	38 50%	27 54%	257 41%	70 44%	60 39%	112 42%	163 43%	
Somewhat confident	302 38%	70 36%	111 43%	83 33%	38 36%	159 40%	142 35%	50 39%	28 32%	47 36%	177 39%	105 38%	89 37%	30 39%	15 31%	235 37%	63 40%	55 36%	101 38%	145 38%	
Not too/Not at all -----	149 19%	54CDE 28%	40 15%	38 15%	16 16%	79 20%	70 18%	24 19%	21 23%	25 20%	79 17%	57 21%	48 20%	8 11%	7 15%	127 20%	22 14%	32 21%	48 18%	68 18%	
Not too confident	98 12%	33 17%	29 11%	22 9%	13 12%	50 12%	48 12%	16 12%	12 14%	15 12%	54 12%	41 15%	31 13%	6 8%	5 10%	85 14%	13 8%	18 11%	34 13%	46 12%	
Not at all confident	51 6%	22CE 11%	11 4%	15 6%	4 3%	29 7%	22 6%	8 7%	8 9%	10 8%	24 5%	16 6%	17 7%	2 3%	2 5%	42 7%	9 6%	15 10%	14 5%	22 6%	
Don't know	13 2%	3 2%	1 *	5 2%	4C 4%	7 2%	6 2%	2 2%	2 2%	2 2%	7 2%	7 3%	1 1%	-	-	8 1%	2 2%	6T 4%	4 1%	3 1%	

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
Very/Somewhat	642 80%	203C 87%	433 77%	402 82%	75 83%	165 75%	527H 82%	99 71%	98 76%	537 81%	489L 82%	131 72%	181 72%	461M 83%	472P 85%	161 69%
Very confident	340 42%	108 47%	226 40%	207 42%	49F 53%	84 38%	300H 47%	33 24%	51 39%	283 42%	269L 45%	62 34%	81 32%	259M 47%	277P 50%	61 26%
Somewhat confident	302 38%	95 41%	208 37%	195 40%	27 30%	80 36%	227 35%	66G 47%	47 37%	254 38%	220 37%	69 38%	100 40%	202 36%	195 35%	100 43%
Not too/Not at all	149 19%	28 12%	121B 21%	81 16%	15 17%	53 24%	106 16%	40G 28%	28 21%	121 18%	95 16%	49K 27%	61N 24%	88 16%	74 13%	710 30%
Not too confident	98 12%	20 8%	78 14%	55 11%	13 14%	30 14%	74 12%	22 16%	18 14%	80 12%	67 11%	30 16%	41 16%	57 10%	48 9%	470 20%
Not at all confident	51 6%	9 4%	43 8%	26 5%	2 3%	23D 11%	32 5%	18G 13%	10 8%	41 6%	29 5%	20K 11%	20 8%	31 6%	26 5%	240 10%
Don't know	13 2%	1 1%	11 2%	10 2%	1 1%	2 1%	9 1%	2 1%	3 3%	8 1%	9 2%	3 1%	8 3%	5 1%	8 1%	3 1%

(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			Area			Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
Very/Somewhat -----	668 83%	167 87%	219 85%	194 78%	87 83%	337 84%	331 83%	107 83%	75 85%	105 81%	382 83%	217 79%	207 85%	65 85%	41 83%	527 84%	125 80%	114 74%	231R 87%	318R 84%
Very confident	299 37%	89C 46%	80 31%	89 36%	42 40%	143 36%	156 39%	50 39%	28 32%	53 41%	169 37%	100 36%	93 38%	25 33%	21 41%	248Q 40%	40 25%	59 39%	90 34%	148 39%
Somewhat confident	369 46%	78 40%	140BD 54%	106 42%	45 43%	194 48%	175 44%	57 44%	47J 53%	52 41%	213 46%	117 43%	114 47%	40 53%	21 42%	279 45%	86 55%	55 36%	142R 54%	171 45%
Not too/Not at all -----	117 15%	21 11%	34 13%	47 19%	15 14%	56 14%	60 15%	18 14%	10 11%	22 17%	68 15%	45 16%	33 14%	11 14%	7 15%	87 14%	26 16%	33S 22%	30 11%	53 14%
Not too confident	77 10%	10 5%	24 10%	34B 14%	8 8%	39 10%	37 9%	13 10%	7 8%	14 11%	43 9%	27 10%	21 9%	8 10%	3 6%	53 8%	20 13%	18 12%	22 8%	36 10%
Not at all confident	41 5%	11 6%	9 4%	13 5%	7 7%	17 4%	23 6%	5 4%	2 3%	8 6%	24 5%	18 6%	12 5%	3 4%	4 9%	34 5%	5 3%	15ST 10%	8 3%	16 4%
Don't know	18 2%	5 2%	4 1%	7 3%	3 3%	8 2%	10 3%	4 3%	3 4%	2 2%	9 2%	12M 5%	2 1%	0 1%	1 2%	13 2%	6 4%	6 4%	3 1%	8 2%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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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	Un-likely	None	Some	Most/Some	Other
Total	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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)
Very/Somewhat	668	195	468	414	69	185	541	113	102	559	495	150	200	469	471	188
	83%	84%	83%	84%	76%	84%	84%	81%	79%	84%	83%	82%	80%	85%	85%	80%
Very confident	299	80	214	191	36	73	237	53	55	241	217	72	72	227M	215	80
	37%	34%	38%	39%	39%	33%	37%	38%	43%	36%	37%	39%	29%	41%	39%	34%
Somewhat confident	369	115	253	223	33	112E	304	60	47	318	278	79	128	241	257	109
	46%	50%	45%	45%	36%	51%	47%	43%	36%	48%	47%	43%	51%	44%	46%	46%
Not too/Not at all	117	37	80	68	21	29	86	25	22	94	85	30	41	76	73	40
	15%	16%	14%	14%	23%	13%	13%	18%	17%	14%	14%	17%	16%	14%	13%	17%
Not too confident	77	29	47	46	12	19	61	10	15	59	56	21	27	50	43	30
	10%	12%	8%	9%	13%	9%	10%	7%	12%	9%	9%	11%	11%	9%	8%	13%
Not at all confident	41	8	32	22	9	9	24	15G	6	34	29	10	14	26	30	10
	5%	3%	6%	4%	10%	4%	4%	11%	5%	5%	5%	5%	6%	5%	5%	4%
Don't know	18	1	18B	11	1	6	15	2	5	13	14	2	9	9	10	7
	2%	*	3%	2%	1%	3%	2%	2%	4%	2%	2%	1%	4%	2%	2%	3%

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

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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			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Very/Somewhat -----	405 50%	123 64%	126 49%	117 47%	38 37%	209 52%	196 49%	71 55%	45 50%	65 51%	224 49%	138 50%	130 54%	46 61%	29 58%	321 51%	73 47%	65 43%	129 49%	207 55%	
Very confident	110 14%	37 19%	33 13%	32 13%	8 8%	61 15%	49 12%	17 13%	10 12%	14 11%	69 15%	39 14%	31 13%	8 10%	11 23%	91 15%	17 11%	19 13%	34 13%	56 15%	
Somewhat confident	295 37%	86 45%	93 36%	86 34%	30 29%	148 37%	147 37%	54 42%	34 39%	52 40%	155 34%	99 36%	99 41%	38 50%	18 36%	230 37%	56 36%	46 30%	95 36%	151 40%	
Not too/Not at all -----	312 39%	46 24%	104 40%	111 45%	52 49%	152 38%	159 40%	47 37%	35 39%	55 43%	175 38%	111 40%	92 38%	23 30%	20 40%	246 39%	63 40%	73 48%	107 40%	131 34%	
Not too confident	185 23%	28 15%	67 26%	64 26%	26 25%	97 24%	88 22%	29 22%	21 24%	32 25%	104 23%	70 26%	50 21%	13 17%	11 22%	142 23%	42 27%	35 23%	66 25%	84 22%	
Not at all confident	127 16%	18 9%	37 14%	47 19%	26 25%	55 14%	71 18%	18 14%	14 15%	23 18%	72 16%	41 15%	42 17%	10 13%	9 18%	104 17%	21 13%	37 24%	41 16%	47 12%	
Don't know	86 11%	24 13%	27 11%	21 8%	14 14%	40 10%	46 12%	10 8%	9 10%	9 7%	59 13%	25 9%	20 8%	7 10%	1 2%	59 9%	20 13%	15 10%	29 11%	41 11%	

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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 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
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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)
Very/Somewhat	405	125	275	250	35	120E	324	71	68	333	309	82	114	291	272	132
	50%	54%	49%	51%	38%	55%	50%	51%	53%	50%	52%	45%	46%	53%	49%	56%
Very confident	110	25	85	58	7	45DE	87	21	23	87	77	26	26	84	71	40
	14%	11%	15%	12%	8%	20%	14%	15%	18%	13%	13%	14%	10%	15%	13%	17%
Somewhat confident	295	100C	190	193	28	75	237	50	45	246	232	56	88	207	201	92
	37%	43%	34%	39%	30%	34%	37%	36%	35%	37%	39%	31%	35%	37%	36%	39%
Not too/Not at all	312	80	232	190	45	77	252	53	52	259	225	80	104	208	231P	71
	39%	35%	41%	39%	49%	35%	39%	37%	40%	39%	38%	44%	42%	38%	42%	30%
Not too confident	185	50	135	112	28	45	151	29	33	152	135	46	73N	113	133	46
	23%	22%	24%	23%	30%	21%	24%	20%	26%	23%	23%	25%	29%	20%	24%	19%
Not at all confident	127	30	97	78	17	32	101	24	19	107	90	34	32	95	98P	25
	16%	13%	17%	16%	19%	14%	16%	17%	15%	16%	15%	18%	13%	17%	18%	11%
Don't know	86	27	58	52	12	23	65	17	9	74	60	22	32	55	53	33
	11%	12%	10%	11%	13%	10%	10%	12%	7%	11%	10%	12%	13%	10%	10%	14%

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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 - November 10-14, 2016

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			Area			Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
Total likely	594 74%	154DE 80%	200DE 78%	170 68%	70 67%	281 70%	313F 78%	93 72%	58 65%	93 72%	350I 76%	214 78%	174 72%	54 71%	36 72%	464 74%	114 73%	98 64%	183 69%	307RS 81%
Very likely	212 26%	49 25%	66 26%	70 28%	27 26%	95 24%	116 29%	38 29%	22 25%	37 29%	115 25%	67 25%	67 28%	17 22%	15 30%	159 25%	48 30%	40 26%	73 28%	97 25%
Somewhat likely	382 48%	105D 55%	134D 52%	100 40%	43 41%	186 46%	196 49%	55 43%	36 40%	55 43%	236I 51%	146 53%	107 44%	37 48%	21 42%	304 49%	66 42%	58 38%	110 42%	210RS 55%
Total unlikely	183 23%	37 19%	49 19%	69C 28%	27 26%	108G 27%	74 19%	34 26%	24 27%	29 23%	95 21%	51 19%	58 24%	19 25%	13 26%	140 22%	39 25%	47T 31%	68T 26%	65 17%
Somewhat unlikely	132 16%	31 16%	40 15%	46 18%	15 14%	77 19%	55 14%	21 16%	16 18%	24 18%	71 16%	34 12%	45 19%	13 17%	8 17%	100 16%	29 18%	34T 22%	48 18%	50 13%
Very unlikely	51 6%	6 3%	9 4%	23BC 9%	12BC 11%	31 8%	20 5%	13JK 10%	8 9%	6 5%	24 5%	17 6%	13 6%	6 8%	4 9%	40 6%	10 7%	13 9%	20 8%	16 4%
Don't know	27 3%	2 1%	8 3%	10 4%	8B 8%	13 3%	14 4%	2 1%	6HK 7%	7H 5%	13 3%	9 3%	9 4%	3 4%	1 2%	23 4%	4 2%	8 5%	13 5%	7 2%

(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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

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	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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 likely	594	198C	390	368	62	164	484	95	88	499	594L	-	178	416	415	168
	74%	85%	69%	75%	67%	75%	75%	67%	68%	75%	100%		71%	75%	75%	71%
Very likely	212	62	147	140	22	50	175	29	23	187	212L	-	61	151	140	68
	26%	27%	26%	28%	24%	23%	27%	21%	18%	28%	36%		24%	27%	25%	29%
Somewhat likely	382	137C	243	228	40	114	309	66	64	312	382L	-	117	265	276	100
	48%	59%	43%	46%	44%	52%	48%	47%	50%	47%	64%		47%	48%	50%	42%
Total unlikely	183	33	149B	103	28	52	134	42	38	144	-	183K	67	116	120	59
	23%	14%	26%	21%	30%	24%	21%	30%	29%	22%		100%	27%	21%	22%	25%
Somewhat unlikely	132	25	107B	72	18	42	91	36G	27	105	-	132K	51	82	88	42
	16%	11%	19%	15%	20%	19%	14%	26%	21%	16%		72%	20%	15%	16%	18%
Very unlikely	51	8	42	31	10	10	43	6	11	39	-	51K	17	34	33	17
	6%	3%	7%	6%	10%	5%	7%	4%	8%	6%		28%	7%	6%	6%	7%
Don't know	27	1	26B	22	2	4	23	4	3	24	-	-	5	22	19	8
	3%	1%	5%	4%	2%	2%	4%	3%	3%	4%			2%	4%	3%	3%

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

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

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

	Area																				
	Age				Gender			Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Earthquake	670 83%	154 80%	220E 86%	215E 86%	80 76%	323 80%	346 86%	112 87%	70 79%	112 87%	376 82%	226 82%	200 83%	72LM 94%	42 85%	537Q 86%	120 77%	125 81%	215 82%	324 85%	
Floods/Rain	90 11%	30D 16%	30 12%	18 7%	11 11%	53 13%	37 9%	12 9%	17HJK 20%	14 11%	47 10%	27 10%	30 12%	3 4%	4 8%	62 10%	28P 18%	8 5%	32R 12%	48R 13%	
Volcanic eruption	25 3%	6 3%	8 3%	8 3%	2 2%	19G 5%	6 1%	3 2%	2 2%	3 3%	17 4%	18M 7%	4 2%	1 1%	-	17 3%	6 4%	2 1%	8 3%	14 4%	
Not concerned	20 2%	3 1%	3 1%	6 2%	8BC 8%D	11 3%	9 2%	1 1%	5HJ 6%	1 1%	13 3%	9 3%	5 2%	-	2 4%	14 2%	6 4%	7 5%	7 2%	6 2%	
Tsunami	13 2%	7D 4%	6 2%	1 *	-	12G 3%	1 *	3 2%	3 3%	3 2%	5 1%	8 3%	3 1%	1 2%	1 1%	11 2%	2 1%	1 1%	6 2%	6 2%	
Ice storms/Severe weather	12 1%	3 1%	3 1%	3 1%	3 3%	8 2%	4 1%	2 1%	0 *	2 2%	8 2%	5 2%	7 3%	-	-	9 1%	3 2%	4 3%	1 *	7 2%	
Terrorist attacks	10 1%	3 1%	-	6C 3%	0 *	4 1%	5 1%	0 *	1 1%	-	9 2%	2 1%	3 1%	-	3L 6%	10 2%	-	-	8T 3%	2 1%	
Fires	8 1%	-	2 1%	5 2%	1 1%	3 1%	5 1%	2 2%	1 1%	0 *	4 1%	2 1%	3 1%	-	1 3%	7 1%	1 1%	1 1%	2 1%	4 1%	
Tornado/Winds	7 1%	4 2%	-	2 1%	2 2%	4 1%	3 1%	1 1%	-	2 1%	4 1%	2 1%	4 2%	1 1%	-	6 1%	1 *	4S 2%	-	3 1%	
Nuclear war	3 *	1 *	1 *	-	2D 2%	2 *	2 *	1 1%	-	1 1%	1 *	2 1%	-	-	-	3 *	0 *	0 *	2 1%	1 *	
Climate change	3 *	3 1%	-	-	-	3 1%	-	-	-	-	3 1%	3 1%	-	-	-	-	3P 2%	-	-	3 1%	
Civil unrest/Riots	3 *	-	-	1 *	2C 2%	1 *	2 *	1 1%	0 *	-	1 *	-	2 1%	-	2 *	0 *	1 *	1 *	2 1%	0 *	
Anarchy	2 *	-	2 1%	-	-	2 *	-	-	-	-	2 *	-	2 1%	-	2 *	-	-	-	2 1%	-	
Election of Donald Trump	2 *	-	1 *	1 *	0 *	1 *	1 *	1 *	1K 1%	-	-	-	1 *	-	2 *	-	1 1%	0 *	-	-	
Other Mention	4 *	1 *	-	3 1%	-	2 *	2 *	1 1%	-	0 *	2 *	2 1%	0 *	1 1%	1 1%	1 *	1 1%	2 1%	1 *	1 *	
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Undecided/ Need more information	2 *	2 1%	-	-	-	2 1%	-	-	-	-	2 1%	-	-	-	2LM 5%	-	-	-	-	2 1%	
Don't know/ No answer/Unsure	22 3%	7 4%	5 2%	5 2%	5 5%	11 3%	12 3%	1 *	4H 5%	2 2%	15 3%	7 2%	4 2%	1 2%	-	15 2%	4 2%	7T 4%	11T 4%	4 1%	

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

DHM Research - Portland Bureau of Emergency Management Telephone Survey - 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
Total	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Earthquake	670 83%	212 91%	453 80%	425 86%	72 79%	172 78%	538 84%	113 80%	100 77%	563 85%	518 87%	129 70%	201 81%	468 85%	478 86%	180 76%
Floods/Rain	90 11%	29 12%	60 11%	41 8%	7 7%	42 19%	78 12%	10 7%	13 10%	75 11%	72 12%	16 9%	26 10%	64 12%	44 8%	440 19%
Volcanic eruption	25 3%	7 3%	17 3%	13 3%	1 1%	11 5%	15 2%	9 6%	5 4%	19 3%	18 3%	4 2%	4 2%	21 4%	10 2%	140 6%
Not concerned	20 2%	1 *	19 3%	13 3%	3 3%	4 2%	16 2%	4 3%	5 4%	15 2%	7 1%	13 7%	7 3%	12 2%	11 2%	9 4%
Tsunami	13 2%	3 1%	10 2%	5 1%	3 3%	5 2%	12 2%	1 1%	1 *	12 2%	10 2%	3 2%	2 1%	11 2%	6 1%	7 3%
Ice storms/Severe weather	12 1%	-	12 2%	6 1%	2 2%	5 2%	10 2%	2 1%	2 2%	10 1%	8 1%	4 2%	5 2%	7 1%	8 2%	4 2%
Terrorist attacks	10 1%	2 1%	7 1%	7 1%	2 2%	1 *	8 1%	2 1%	2 2%	7 1%	10 2%	-	-	10 2%	8 1%	2 1%
Fires	8 1%	3 1%	5 1%	4 1%	2 2%	3 1%	8 1%	-	2 1%	6 1%	3 *	5 3%	1 *	7 1%	7 1%	1 *
Tornado/Winds	7 1%	1 *	6 1%	3 1%	3 3%	1 1%	1 *	6 4%	2 1%	5 1%	4 1%	3 2%	2 1%	5 1%	5 1%	1 1%
Nuclear war	3 *	1 *	3 1%	2 *	-	1 1%	2 *	0 *	2 1%	2 *	2 *	1 1%	1 *	2 *	3 *	1 *
Climate change	3 *	3 1%	-	3 1%	-	-	-	3 2%	-	3 *	3 *	-	3 1%	-	3 1%	-
Civil unrest/Riots	3 *	-	3 *	0 *	1 1%	1 *	3 *	-	1 1%	2 *	1 *	2 1%	1 1%	1 *	2 *	1 *
Anarchy	2 *	-	2 *	-	2 2%	-	2 *	-	-	2 *	-	2 1%	-	2 *	2 *	-
Election of Donald Trump	2 *	-	1 *	0 *	-	1 1%	1 *	-	0 *	1 *	1 *	1 *	1 *	1 *	1 *	0 *
Other Mention	4 *	0 *	3 1%	1 *	2 2%	1 1%	4 1%	-	1 *	3 *	-	3 2%	-	4 1%	3 1%	1 *
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecided/ Need more information	2 *	-	2 *	2 *	-	-	2 *	-	-	2 *	2 *	-	-	2 *	2 *	-
Don't know/ No answer/Unsure	22 3%	1 *	22 4%	12 2%	4 4%	6 3%	16 3%	6 4%	4 3%	18 3%	13 2%	7 4%	11 4%	11 2%	14 3%	8 4%

(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 - November 10-14, 2016

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			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Have done	369 46%	77 40%	131E 51%	120 48%	40 39%	176 44%	193 48%	55 43%	39 44%	65 50%	210 46%	119 43%	118 49%	40 52%	29 58%	295 47%	65 42%	46 30%	129R 49%	191R 50%	
Plan to do	116 14%	23 12%	46 18%	34 14%	13 12%	52 13%	64 16%	21 16%	15 17%	15 12%	65 14%	33 12%	35 14%	9 12%	11 22%	88 14%	26 16%	10 7%	38R 14%	68R 18%	
Have not done	279 35%	84C 44%	71 28%	83 33%	41C 39%	161G 40%	119 30%	45 35%	31 35%	42 33%	161 35%	109O 40%	81 33%	24 32%	10 20%	216 34%	55 35%	72ST 47%	88 33%	115 30%	
Don't know	39 5%	9 4%	9 3%	12 5%	10C 10%	13 3%	27 7%	8 6%	4 4%	6 5%	22 5%	14 5%	8 3%	3 4%	-	28 4%	11 7%	25ST 17%	9 3%	5 1%	

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 (sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Have done	369 46%	132C 57%	237 42%	225 46%	48 53%	95 43%	313H 49%	49 35%	75J 58%	293 44%	287 48%	71 39%	- -	369M 67%	291P 53%	76 32%
Plan to do	116 14%	48C 21%	68 12%	73 15%	9 10%	35 16%	91 14%	21 15%	12 10%	103 15%	94 16%	18 10%	54N 21%	63 11%	77 14%	39 17%
Have not done	279 35%	48 21%	225B 40%	168 34%	32 35%	79 36%	209 33%	63G 45%	38 29%	234 35%	186 31%	82K 45%	182N 73%	97 18%	164 30%	111O 47%
Don't know	39 5%	4 2%	34B 6%	27 5%	2 2%	11 5%	28 4%	7 5%	4 3%	36 5%	27 5%	11 6%	14 6%	25 5%	23 4%	9 4%

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

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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

	Total	Age				Gender			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Have done	421 52%	89 46%	131 51%	144 58%	57 55%	213 53%	207 52%	72 56%	51 58%	71 55%	227 50%	141 51%	127 53%	49 64%	31 63%	332 53%	77 49%	68 45%	135 51%	214R 56%	
Plan to do	175 22%	41 21%	63 24%	53 21%	17 16%	78 20%	96 24%	27 21%	21 24%	25 20%	101 22%	59 21%	58 24%	14 18%	12 23%	138 22%	35 22%	27 18%	55 21%	93 24%	
Have not done	202 25%	61D 32%	63 25%	49 20%	29 28%	107 27%	95 24%	29 23%	16 18%	30 23%	127I 28%	73 27%	55 23%	14 18%	7 14%	150 24%	44 28%	57ST 38%	69 26%	72 19%	
Don't know	6 1%	2 1%	-	3 1%	1 1%	3 1%	3 1%	-	1 1%	2 2%	3 1%	2 1%	2 1%	-	-	6 1%	-	1 *	5 2%	1 *	

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

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

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	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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	421	141C	279	261	53	107	349	64	76	342	312	89	-	421M	317P	101
	52%	61%	49%	53%	59%	49%	54%	46%	59%	51%	53%	49%		76%	57%	43%
Plan to do	175	60	114	107	18	50	140	28	27	145	147L	25	92N	83	117	56
	22%	26%	20%	22%	20%	23%	22%	20%	21%	22%	25%	14%	37%	15%	21%	24%
Have not done	202	31	166B	124	16	61	147	47G	23	176	129	68K	156N	46	116	77O
	25%	13%	29%	25%	18%	28%	23%	34%	18%	26%	22%	37%	62%	8%	21%	33%
Don't know	6	-	6	1	3D	1	5	1	3	3	5	1	3	3	5	1
	1%		1%	*	4%	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 \*.

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

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		Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Have done	300 37%	50 26%	88 34%	115BC 46%	46B 44%	150 37%	149 37%	45 35%	39 44%	46 36%	170 37%	95 35%	89 37%	34 44%	28LM 57%	239 38%	53 34%	53 35%	100 38%	143 38%
Plan to do	188 23%	50E 26%	72E 28%	51 20%	15 14%	82 20%	106 26%	31 24%	25 28%	29 22%	103 22%	68 25%	55 23%	20 26%	10 19%	147 24%	38 25%	32 21%	52 20%	103 27%
Have not done	305 38%	90D 47%	97 38%	81 32%	38 36%	166 41%	139 35%	50I 39%	23 26%	51I 40%	180I 39%	107 39%	94 39%	23 30%	12 24%	232 37%	62 40%	63 41%	107 40%	132 35%
Don't know	11 1%	3 1%	1 *	2 1%	6CD 5%	3 1%	8 2%	3 2%	1 1%	2 2%	5 1%	4 1%	3 1%	-	-	8 1%	3 2%	5T 4%	5 2%	1 *

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

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

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	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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	300	99	200	185	40	75	252	43	53	245	229	63	-	300M	240P	57
	37%	43%	35%	38%	44%	34%	39%	30%	41%	37%	39%	35%		54%	43%	24%
Plan to do	188	63	125	111	18	59	151	28	38	150	155L	28	71	116	136	50
	23%	27%	22%	23%	20%	27%	24%	20%	30%	22%	26%	15%	29%	21%	25%	21%
Have not done	305	69	230B	190	32	83	229	69G	36	262I	202	88K	172N	133	173	1250
	38%	30%	41%	39%	35%	38%	36%	49%	28%	39%	34%	48%	69%	24%	31%	53%
Don't know	11	1	9	7	1	3	9	1	1	10	8	4	7	5	6	4
	1%	1%	2%	1%	1%	2%	1%	*	1%	1%	1%	2%	3%	1%	1%	1%

(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 - 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

	Area																				
	Age				Gender			Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	554 100%	120 100%	179 100%	182 100%	72 100%	269 100%	284 100%	85 100%	69 100%	92 100%	307 100%	185 100%	170 100%	59 100%	44 100%	438 100%	100 100%	97 100%	181 100%	272 100%	
Need to be prepared/ Survive/Commonsense	148 27%	33 27%	53 30%	46 25%	17 24%	76 28%	72 25%	20 23%	24 34%	26 29%	78 26%	42 23%	60LNO 35%	11 18%	7 16%	106 24%	38P 38%	28 28%	49 27%	71 26%	
Chances of possible earthquake/Disaster	118 21%	25 21%	42 23%	37 20%	14 20%	46 17%	72 25%	16 19%	11 16%	14 16%	76 25%	40 21%	32 19%	14 23%	11 25%	90 21%	27 27%	19 19%	30 16%	70 26%	
Media/News/Articles/ Government commercials of possible future earthquake	104 19%	23 19%	38 21%	32 18%	10 15%	47 17%	57 20%	15 17%	9 14%	14 15%	66 22%	30 16%	31 18%	14 23%	11 24%	85 19%	16 16%	14 14%	41 22%	49 18%	
Parent responsibility/ Family/To protect family	49 9%	15E 13%	17E 9%	15 8%	1 2%	16 6%	33 11%	9 11%	4 6%	7 8%	28 9%	15 8%	14 9%	12LMO 20%	2 4%	39 9%	9 9%	2 2%	12 6%	35R 13%	
Friends/Family/Co workers advice	41 7%	16 13%	11 6%	10 6%	4 6%	18 7%	23 8%	7 8%	4 6%	7 8%	23 7%	16 9%	12 7%	3 5%	2 5%	32 7%	8 8%	5 5%	11 6%	26 9%	
Took training/Part of job	41 7%	6 5%	13 7%	16 9%	6 9%	25 9%	15 5%	8 9%	7 10%	4 5%	22 7%	10 5%	13 8%	7 12%	1 3%	36 8%	4 4%	6 6%	12 6%	22 8%	
Prior experience in earthquakes/ Disasters	30 6%	8 7%	9 5%	7 4%	6 9%	14 5%	16 6%	5 6%	4 5%	8 9%	14 4%	11 6%	13 8%	1 2%	2 4%	25 6%	6 6%	7 8%	7 4%	16 6%	
Fear/Worry	16 3%	2 1%	2 1%	12C 7%	1 1%	3 1%	12 4%	1 1%	1 1%	3 3%	11 4%	5 3%	1 1%	4M 7%	1 1%	13 3%	3 3%	9ST 9%	4 2%	4 1%	
Have kits/Supplies on hand	15 3%	4 3%	4 2%	4 2%	3 4%	8 3%	6 2%	-	2 3%	3H 3%	10 3%	4 2%	7 4%	1 2%	1 3%	14 3%	1 1%	1 1%	3 1%	11 4%	
Always Prepared	14 3%	3 3%	5 3%	2 1%	4D 5%	8 3%	6 2%	3 3%	3 4%	3 3%	5 2%	5 3%	4 2%	-	-	13 3%	1 1%	3 3%	6 3%	5 2%	
Might take time for government/FEMA/ responders to help	11 2%	2 1%	2 1%	7 4%	0 1%	7 3%	4 1%	2 2%	1 2%	2 2%	6 2%	7 4%	1 1%	2 3%	1 1%	8 2%	3 3%	1 1%	6 3%	5 2%	
General mention of prior natural disasters	11 2%	-	3 1%	7 4%	1 2%	5 2%	6 2%	1 1%	1 2%	1 1%	7 2%	6 3%	2 1%	-	2 5%	7 2%	3 3%	4 4%	3 2%	4 1%	
Presentation/Meeting that I attended	10 2%	2 1%	2 1%	6 3%	1 1%	4 2%	6 2%	5IK 6%	0 1%	3K 4%	2 1%	1 *	1 1%	5LM 8%	1 3%	9 2%	2 2%	1 1%	5 3%	4 2%	
Live in earthquake prone area	9 2%	-	3 2%	3 2%	2 3%	3 1%	6 2%	1 1%	1 2%	2 3%	4 1%	3 2%	4 2%	-	2 4%	8 2%	1 1%	2 2%	4 2%	3 1%	
Older/would need help in a disaster	5 1%	-	-	1 *	5BCD 6%	0 *	5 2%	1 1%	1 1%	1 1%	3 1%	3 1%	1 *	-	-	5 1%	1 1%	3T 3%	2 1%	-	
Nothing	4 1%	-	-	3 1%	2C 3%	4 1%	1 *	0 *	1 1%	1 1%	2 1%	1 1%	2 1%	-	-	3 1%	1 1%	1 1%	1 *	2 1%	

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

(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

	Area																			
	Age				Gender		Area				Income				Ethnicity		Household Size			
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Election of Donald Trump	3 1%	-	1 *	2 1%	1 1%	3 1%	1 *	1 1%	0 1%	0 *	2 1%	2 1%	0 *	-	1 1%	3 1%	0 *	2 2%	-	1 1%
Lived in California	3 1%	-	2 1%	1 *	1 1%	2 1%	1 *	2K 2%	-	2K 2%	-	1 *	0 *	1 2%	-	3 1%	-	1 1%	-	2 1%
Safety	3 *	1 1%	1 1%	1 *	-	1 *	1 1%	1K 2%	1 1%	1 1%	-	1 1%	-	1 3%	-	3 1%	-	1 1%	-	2 1%
Other Mention	10 2%	2 1%	6 3%	2 1%	1 2%	6 2%	4 1%	0 *	1 2%	3 3%	6 2%	5 3%	1 *	2 3%	-	8 2%	1 1%	5T 5%	5 3%	1 *
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	2 *	2 2%	-	-	-	2 1%	-	-	-	-	2 1%	-	-	-	2LM 5%	-	-	-	-	2 1%
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	5 1%	-	2 1%	1 *	2 3%	3 1%	2 1%	-	1 1%	0 *	3 1%	2 1%	3 2%	-	-	5 1%	-	3T 3%	2 1%	-

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



DHM Research - Portland Bureau of Emergency Management Telephone Survey - 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
Total	554 100%	181 100%	371 100%	338 100%	75 100%	141 100%	456 100%	87 100%	102 100%	449 100%	416 100%	116 100%	-	554 100%	409 100%	140 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Need to be prepared/ Survive/Commonsense	148 27%	51 28%	97 26%	83 25%	28D 38%	37 26%	126 28%	18 21%	26 26%	121 27%	110 26%	32 28%	-	148 27%	105 26%	42 30%
Chances of possible earthquake/Disaster	118 21%	48 26%	70 19%	73 21%	17 22%	29 20%	97 21%	17 19%	23 22%	95 21%	97 23%	21 18%	-	118 21%	90 22%	27 19%
Media/News/Articles/ Government commercials of possible future earthquake	104 19%	30 17%	74 20%	73 22%	10 14%	21 15%	87 19%	14 16%	18 18%	86 19%	77 19%	22 19%	-	104 19%	81 20%	23 17%
Parent responsibility/ Family/To protect family	49 9%	25C 14%	23 6%	30 9%	4 6%	15 10%	41 9%	8 10%	8 8%	41 9%	41 10%	5 5%	-	49 9%	36 9%	12 9%
Friends/Family/Co workers advice	41 7%	13 7%	28 8%	27 8%	3 4%	12 8%	35 8%	6 7%	7 7%	34 8%	35 9%	4 3%	-	41 7%	32 8%	9 6%
Took training/Part of job	41 7%	14 8%	27 7%	28 8%	4 5%	8 6%	34 7%	7 8%	7 7%	34 8%	31 8%	9 8%	-	41 7%	34 8%	7 5%
Prior experience in earthquakes/ Disasters	30 6%	7 4%	23 6%	16 5%	6 8%	9 6%	21 5%	8 9%	6 6%	24 5%	21 5%	8 7%	-	30 6%	24 6%	6 4%
Fear/Worry	16 3%	2 1%	14 4%	9 3%	2 3%	5 3%	13 3%	3 3%	5 5%	11 3%	12 3%	4 3%	-	16 3%	10 3%	4 3%
Have kits/Supplies on hand	15 3%	5 3%	10 3%	5 1%	3 4%	7 5%	13 3%	2 2%	2 2%	12 3%	11 3%	2 2%	-	15 3%	5 1%	90 7%
Always Prepared	14 3%	3 1%	11 3%	6 2%	4 6%	3 2%	12 3%	2 2%	3 3%	11 2%	8 2%	3 3%	-	14 3%	9 2%	5 3%
Might take time for government/FEMA/ responders to help	11 2%	5 3%	6 2%	7 2%	1 1%	3 2%	10 2%	1 1%	4 4%	7 2%	10 2%	1 1%	-	11 2%	7 2%	4 3%
General mention of prior natural disasters	11 2%	3 2%	8 2%	6 2%	1 2%	4 3%	7 1%	4 5%	3 3%	8 2%	8 2%	3 2%	-	11 2%	9 2%	2 1%
Presentation/Meeting that I attended	10 2%	3 1%	8 2%	6 2%	2 2%	3 2%	9 2%	2 2%	3 3%	7 2%	7 2%	4 3%	-	10 2%	6 1%	5 3%
Live in earthquake prone area	9 2%	1 1%	8 2%	6 2%	-	3 2%	7 2%	2 2%	3 3%	6 1%	7 2%	1 1%	-	9 2%	7 2%	2 1%
Older/would need help in a disaster	5 1%	-	5 1%	2 1%	2 3%	1 1%	3 1%	1 2%	3 3%	3 1%	5 1%	0 *	-	5 1%	1 *	40 3%
Nothing	4 1%	2 1%	2 *	2 1%	2 3%	-	4 1%	1 1%	1 1%	3 1%	2 1%	2 1%	-	4 1%	3 1%	1 1%

(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
Election of Donald Trump	3 1%	-	3 1%	1 *	-	3 2%	1 *	2 2%	2 2%	1 *	3 1%	-	-	3 1%	2 1%	1 1%
Lived in California	3 1%	2 1%	1 *	2 1%	1 1%	1 *	2 *	2 2%	-	3 1%	2 1%	1 1%	-	3 1%	2 *	2 1%
Safety	3 *	1 1%	1 *	2 1%	1 1%	-	2 *	1 1%	-	3 1%	1 *	1 1%	-	3 *	1 *	1 1%
Other Mention	10 2%	3 1%	8 2%	6 2%	-	4 3%	8 2%	3 3%	-	10 2%	4 1%	5 5%	-	10 2%	8 2%	3 2%
Other Mention - Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other mention - Negative	2 *	-	2 1%	2 1%	-	-	2 1%	-	-	2 1%	2 1%	-	-	2 *	2 1%	-
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	5 1%	-	5 1%	2 1%	0 *	2 1%	4 1%	0 *	0 *	4 1%	3 1%	1 1%	-	5 1%	5 1%	-

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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 - November 10-14, 2016

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

	Area																				
	Age				Gender			Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	
Most	322 40%	56 29%	96 37%	123BC 49%	47B 45%	158 39%	164 41%	52 40%	36 40%	55 43%	179 39%	98 36%	95 39%	36 47%	31LM 62%	253 40%	60 39%	59 39%	95 36%	161 42%	
Some	200 25%	31 16%	75B 29%	65 26%	27 26%	91 23%	109 27%	29 23%	22 25%	28 21%	121 26%	56 21%	74LO 30%	23 30%	7 13%	151 24%	45 29%	35 23%	74 28%	90 24%	
Few	191 24%	61D 32%	59 23%	48 19%	22 22%	110G 27%	80 20%	31 24%	21 24%	29 23%	109 24%	75 27%	56 23%	14 18%	10 19%	159 25%	28 18%	36 23%	64 24%	90 24%	
One	35 4%	15 8%	9 3%	8 3%	3 2%	20 5%	15 4%	5 4%	2 3%	8 6%	19 4%	17 6%	8 3%	-	1 2%	23 4%	11 7%	9 6%	10 4%	15 4%	
None	52 6%	29CDE 15%	15D 6%	5 2%	3 3%	23 6%	29 7%	12 9%	6 7%	8 6%	26 6%	26 9%	10 4%	4 6%	1 2%	39 6%	10 7%	13 8%	16 6%	24 6%	
Don't know	5 1%	1 *	2 1%	-	2 2%	-	5 1%	-	0 *	1 1%	4 1%	3 1%	-	-	-	3 *	2 1%	0 *	4T 2%	-	

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

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	Likely	Un- likely	None	Some	Most/ Some	Other
Total	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	322 40%	106 46%	210 37%	215F 44%	36 39%	71 32%	280H 44%	34 24%	44 34%	274 41%	255L 43%	58 32%	68 27%	254M 46%	304P 55%	15 7%
Some	200 25%	58 25%	142 25%	129 26%	25 27%	46 21%	162 25%	31 22%	38 29%	161 24%	148 25%	40 22%	70 28%	130 23%	151 27%	47 20%
Few	191 24%	42 18%	148 26%	100 20%	25 28%	65D 30%	143 22%	45G 32%	33 25%	157 24%	131 22%	53 29%	69 28%	121 22%	73 13%	116O 49%
One	35 4%	13 6%	22 4%	17 3%	3 3%	15 7%	24 4%	10 7%	7 5%	25 4%	21 4%	14 7%	14 6%	21 4%	10 2%	230 10%
None	52 6%	12 5%	39 7%	30 6%	2 3%	20 9%	30 5%	21G 15%	7 6%	44 7%	36 6%	15 8%	25N 10%	27 5%	16 3%	330 14%
Don't know	5 1%	-	5 1%	2 *	-	3 1%	3 *	-	-	5 1%	2 *	2 1%	4N 2%	0 *	-	1 *

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

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		Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Most	363 45%	69 36%	108 42%	134BC 54%	52B 50%	182 45%	181 45%	55 43%	47J 53%	49 38%	212 46%	99 36%	120L 50%	43L 56%	24 49%	284 45%	75 48%	55 36%	117 44%	189R 50%
Some	175 22%	45 23%	59 23%	49 20%	21 20%	88 22%	87 22%	31 24%	17 20%	39IK 30%	87 19%	66 24%	55 23%	15 19%	7 14%	130 21%	36 23%	40 26%	50 19%	80 21%
Few	125 16%	27 14%	46E 18%	43 17%	10 9%	60 15%	66 16%	23 18%	11 12%	20 15%	71 16%	47 17%	34 14%	14 18%	9 19%	101 16%	21 13%	22 14%	47 18%	57 15%
One	44 6%	16D 8%	19D 8%	4 2%	5 5%	26 6%	18 5%	6 5%	3 3%	7 5%	29 6%	13 5%	17 7%	3 4%	4 8%	42 7%	3 2%	6 4%	18 7%	20 5%
None	86 11%	32CD 17%	22 9%	18 7%	14 14%	42 11%	43 11%	12 9%	10 11%	12 9%	54 12%	46MN 17%	15 6%	2 3%	2 5%	65 10%	18 12%	28ST 19%	28 11%	29 8%
Don't know	10 1%	4 2%	3 1%	1 *	2 2%	4 1%	6 2%	1 1%	1 1%	2 2%	6 1%	4 1%	1 *	-	2M 5%	4 1%	4 2%	1 1%	5 2%	4 1%

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	363 45%	117 51%	245 43%	230 47%	44 48%	88 40%	307H 48%	49 35%	58 45%	301 45%	283 48%	72 39%	72 29%	290M 52%	313P 56%	47 20%
Some	175 22%	53 23%	119 21%	120 24%	17 18%	39 18%	137 21%	30 22%	34 27%	137 21%	126 21%	41 22%	60 24%	115 21%	145P 26%	29 12%
Few	125 16%	33 14%	90 16%	71 14%	20 22%	34 16%	97 15%	26 19%	17 14%	107 16%	91 15%	27 15%	55N 22%	70 13%	55 10%	69O 29%
One	44 6%	11 5%	33 6%	24 5%	1 2%	19 9%	34 5%	11 8%	1 1%	43I 6%	35 6%	9 5%	15 6%	29 5%	9 2%	32O 14%
None	86 11%	17 7%	70 12%	43 9%	9 10%	34D 16%	60 9%	23G 17%	18 14%	67 10%	53 9%	31K 17%	41N 17%	45 8%	29 5%	55O 24%
Don't know	10 1%	1 *	9 2%	5 1%	-	5 2%	6 1%	1 1%	-	10 2%	6 1%	4 2%	6 2%	5 1%	3 1%	2 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?

	Total	Age				Gender			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100% (B)	257 100% (C)	249 100% (D)	104 100% (E)	402 100% (F)	402 100% (G)	129 100% (H)	88 100% (I)	129 100% (J)	458 100% (K)	274 100% (L)	242 100% (M)	76 100% (N)	50 100% (O)	626 100% (P)	157 100% (Q)	153 100% (R)	264 100% (S)	379 100% (T)	
Most	359 45%	58 30%	120B 47%	130B 52%	51B 48%	178 44%	181 45%	62 48%	42 48%	50 39%	204 45%	104 38%	113 47%	49LM 64%	33LM 66%	280 45%	68 44%	73 48%	99 38%	185S 49%	
Some	196 24%	51 26%	58 22%	66 27%	21 20%	95 24%	100 25%	23 18%	21 24%	35H 27%	117 25%	68 25%	69 29%	13 18%	10 21%	152 24%	39 25%	34 22%	73 27%	87 23%	
Few	133 17%	37 19%	51D 20%	29 11%	16 16%	70 17%	63 16%	24 18%	16 18%	23 18%	71 15%	52 19%	34 14%	9 11%	3 7%	106 17%	24 16%	23 15%	51 19%	57 15%	
One	26 3%	13D 7%	8 3%	2 1%	3 2%	15 4%	11 3%	6 5%	3 4%	2 1%	15 3%	7 3%	7 3%	3 3%	1 2%	22 3%	5 3%	3 2%	8 3%	16 4%	
None	76 9%	31CD 16%	15 6%	18 7%	11 11%	42 11%	33 8%	11 9%	6 7%	15 12%	44 10%	39MN 14%	15 6%	3 3%	2 4%	57 9%	17 11%	15 10%	29 11%	31 8%	
Don't know	14 2%	2 1%	5 2%	3 1%	3 3%	2 *	12F 3%	2 2%	0 *	4 3%	8 2%	4 2%	3 1%	-	-	10 2%	4 2%	6T 4%	5 2%	3 1%	

(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST  
 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?

	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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Most	359 45%	123C 53%	233 41%	241F 49%	45F 49%	73 33%	305H 48%	45 32%	57 44%	301 45%	274 46%	75 41%	76 30%	283M 51%	359P 65%	-
Some	196 24%	50 22%	145 26%	115 23%	28 31%	52 24%	155 24%	38 27%	36 28%	158 24%	142 24%	46 25%	70 28%	126 23%	196P 35%	-
Few	133 17%	34 15%	97 17%	79 16%	9 10%	45 20%	102 16%	26 19%	24 18%	107 16%	99 17%	27 15%	56N 23%	77 14%	-	133O 57%
One	26 3%	10 4%	16 3%	11 2%	3 4%	12 6%	17 3%	9 6%	4 3%	19 3%	19 3%	7 4%	7 3%	19 3%	-	26O 11%
None	76 9%	15 6%	61 11%	39 8%	5 6%	32D 14%	53 8%	21G 15%	8 6%	68 10%	50 9%	25 13%	32 13%	44 8%	-	76O 32%
Don't know	14 2%	-	13 2%	7 1%	1 1%	6 3%	9 1%	1 1%	1 1%	13 2%	10 2%	3 2%	9N 4%	5 1%	-	-

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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			Area				Income				Ethnicity		Household Size		
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Have done	117 15%	17 9%	32 13%	48B 19%	20B 19%	64 16%	52 13%	24K 19%	17 19%	21 16%	56 12%	30 11%	32 13%	21LM 27%	11 22%	80 13%	32 20%	19 12%	35 13%	61 16%	
Plan to do	76 9%	24 12%	20 8%	24 10%	9 8%	38 9%	38 10%	17I 13%	3 4%	16I 12%	40 9%	29 10%	23 9%	4 6%	6 12%	69Q 11%	4 3%	18 12%	20 8%	38 10%	
Have not done	547 68%	131 68%	186 72%	161 65%	69 66%	267 66%	281 70%	76 59%	60 68%	76 59%	336HJ 73%	192 70%	167 69%	49 64%	32 64%	423 67%	113 72%	108 70%	177 67%	258 68%	
Don't know	64 8%	22 11%	19 7%	16 6%	7 7%	33 8%	30 8%	12 9%	9 10%	16K 13%	27 6%	24 9%	20 8%	2 3%	1 2%	55 9%	7 5%	9 6%	32T 12%	22 6%	

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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

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		
	Total	Yes	No	Dem	Rep	Ind/Other	Single Family	Multi-Family	Yes	No	Likely	Un-likely	None	Some	Most/Some	Other
Total	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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	117	47C	71	73	13	31	96	16	22	95	89	25	7	110M	101P	15
	15%	20%	12%	15%	14%	14%	15%	12%	17%	14%	15%	14%	3%	20%	18%	6%
Plan to do	76	23	53	53	7	16	62	12	14	62	64	11	22	53	59	16
	9%	10%	9%	11%	7%	7%	10%	8%	11%	9%	11%	6%	9%	10%	11%	7%
Have not done	547	149	392	331	66	150	430	105	86	452	392	137K	200N	347	360	178O
	68%	64%	69%	67%	72%	68%	67%	75%	67%	68%	66%	75%	80%	63%	65%	76%
Don't know	64	14	49	36	5	22	53	8	6	57	49	9	20	43	35	26
	8%	6%	9%	7%	6%	10%	8%	5%	5%	9%	8%	5%	8%	8%	6%	11%

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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 - November 10-14, 2016

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			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804	193	257	249	104	402	402	129	88	129	458	274	242	76	50	626	157	153	264	379
	100%	100%	100%	100%	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)	(Q)	(R)	(S)	(T)
Have done	103	23	19	46	15	51	50	21	11	17	53	32	37	8	4	83	16	17	35	48
	13%	12%	7%	18%	14%	13%	13%	16%	13%	13%	12%	12%	15%	10%	7%	13%	10%	11%	13%	13%
Plan to do	93	19	34	27	11	47	45	20	9	15	49	35	21	6	11	66	19	24	28	40
	12%	10%	13%	11%	11%	12%	11%	15%	10%	12%	11%	13%	9%	8%	23%	10%	12%	15%	11%	11%
Have not done	495	117	170	146	62	251	243	66	56	74	298	166	147	52	31	374	111	93	150	246
	62%	61%	66%	58%	59%	63%	61%	52%	63%	58%	65%	61%	61%	68%	63%	60%	71%	61%	57%	65%
Don't know	114	33	34	31	16	52	63	22	13	22	57	41	36	10	4	103	10	19	50	45
	14%	17%	13%	12%	15%	13%	16%	17%	15%	17%	12%	15%	15%	14%	7%	16%	6%	13%	19%	12%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235
	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	103	30	72	67	15	21	77	24	20	82	80	20	6	97M	88P	14
	13%	13%	13%	14%	16%	9%	12%	17%	15%	12%	14%	11%	2%	17%	16%	6%
Plan to do	93	25	67	61	12	19	72	15	12	80	71	19	26	67	73	19
	12%	11%	12%	12%	14%	9%	11%	11%	9%	12%	12%	11%	10%	12%	13%	8%
Have not done	495	150	339	292	59	144	396	86	73	414	356	124	187N	308	323	1620
	62%	64%	60%	59%	64%	65%	62%	62%	57%	62%	60%	68%	75%	56%	58%	69%
Don't know	114	27	87	72	6	36E	97	15	24	90	87	19	32	83	71	41
	14%	12%	15%	15%	6%	17%	15%	11%	19%	14%	15%	10%	13%	15%	13%	17%

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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

	Area																			
	Age				Gender		Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Female	West	North	Central/NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	162 100%	32 100%	40 100%	65 100%	24 100%	82 100%	78 100%	32 100%	20 100%	28 100%	81 100%	43 100%	52 100%	23 100%	13 100%	121 100%	35 100%	27 100%	49 100%	84 100%
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Media New/Articles of possible future earthquakes	31 19%	4 14%	7 18%	14 22%	5 22%	17 21%	14 18%	7 21%	2 9%	7 25%	15 19%	10 23%	6 12%	6 26%	3 24%	25 21%	6 16%	3 13%	11 22%	17 20%
Need to be prepared/Survive/Commonsense	30 19%	3 8%	13 33%	10 16%	4 16%	16 20%	14 18%	5 17%	4 22%	5 17%	16 19%	9 22%	11 22%	6 26%	1 5%	25 20%	6 16%	4 16%	9 19%	16 19%
People being aware and educated of the possibility of earthquakes/disasters	18 11%	-	9B 21%	6 9%	4B 16%	8 9%	10 13%	3 9%	1 5%	2 6%	13 16%	4 9%	6 12%	3 15%	1 10%	13 11%	5 14%	4 16%	6 12%	8 10%
Disaster can happen	16 10%	7D 22%	5 13%	2 4%	1 3%	5 6%	11 13%	2 7%	3 16%	3 11%	7 9%	2 4%	6 12%	3 11%	1 5%	14 12%	1 4%	0 1%	5 9%	11 13%
Good change of a earthquake happening	14 9%	2 7%	5 13%	4 6%	2 10%	5 6%	9 11%	3 8%	1 7%	2 9%	7 9%	3 7%	6 12%	2 10%	1 10%	13 11%	-	3 11%	7 14%	4 5%
Had a group/social meeting	13 8%	1 3%	2 6%	8 12%	2 8%	4 5%	9 12%	3 9%	1 5%	4 13%	5 7%	6 13%	3 6%	1 3%	2 14%	10 8%	4 10%	4 17%	5 10%	4 5%
Talking to neighbors to prepare	11 7%	3 8%	1 3%	6 9%	1 5%	6 7%	5 6%	1 4%	2 9%	3 12%	4 5%	1 3%	4 9%	3 13%	1 10%	6 5%	5 15%	2 8%	5 9%	4 5%
Family concerns	6 4%	3 8%	1 1%	3 4%	-	6 7%	1 1%	3 9%	-	1 2%	3 3%	-	4 8%	1 2%	-	6 5%	-	-	1 2%	5 6%
Might take time for government/FEMA/responders to help	6 4%	5 14%	-	1 2%	-	6G 7%	-	1 4%	1 7%	-	3 3%	1 3%	1 1%	-	-	1 1%	4P 12%	-	-	6 7%
Been in prior disaster	5 3%	-	1 2%	2 4%	2 9%	2 2%	4 5%	1 4%	2 9%	1 2%	1 2%	3 7%	1 1%	-	-	2 2%	3 9%	2 7%	3 6%	1 1%
Want to be able to help in emergency/disaster	5 3%	-	1 3%	2 3%	1 4%	3 4%	1 2%	2 6%	1 6%	0 2%	1 1%	-	2 3%	-	2L 14%	3 2%	-	1 2%	1 1%	2 3%
Participant as influencer	4 2%	-	-	2 3%	2 8%	2 2%	2 2%	0 1%	2JK 11%	-	1 1%	1 1%	2 3%	0 2%	-	2 2%	0 1%	1 4%	1 2%	0 *
Older and will need help	1 1%	-	-	-	1 5%	0 *	1 1%	0 1%	-	1 3%	-	0 1%	1 1%	-	-	1 1%	-	1 3%	0 1%	-
Election of Donald Trump	0 *	-	-	-	0 2%	-	0 *	-	0 2%	-	-	-	0 1%	-	-	0 *	-	-	-	0 *
Other Mention	2 1%	1 2%	1 1%	1 1%	-	2 2%	-	-	-	2K 7%	-	1 3%	-	-	1 5%	1 1%	1 2%	1 2%	1 2%	1 1%
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		Area				Income				Ethnicity		Household Size			
	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/ No answer/Unsure	20 13%	9 27%	2 5%	8 12%	2 10%	10 12%	10 13%	4 12%	2 11%	1 4%	13 16%	6 14%	7 14%	1 4%	2 19%	15 12%	2 6%	6 21%	4 8%	11 13%

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

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
	162	59	103	104	18	40	128	29	30	131	125	33	10	152	140	20
	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	162	59	103	104	18	40	128	29	30	131	125	33	10	152	140	20
Media New/Articles of possible future earthquakes	31	14	17	23	2	6	26	6	8	23	25	6	2	30	26	5
Need to be prepared/ Survive/Commonsense	30	16	14	21	2	7	21	6	5	25	26	4	3	28	26	4
People being aware and educated of the possibility of earthquakes/ disasters	18	7	12	12	1	6	16	2	3	15	14	4	1	18	17	1
Disaster can happen	16	9	7	14	1	1	13	0	1	15	15	1	-	16	12	3
Good change of a earthquake happening	14	3	11	11	0	3	10	2	-	14	10	4	1	12	12	1
Had a group/social meeting	13	2	11	7	2	4	8	4	7	6	11	2	2	11	11	2
Talking to neighbors to prepare	11	4	7	8	1	2	9	1	1	10	8	2	-	11	10	1
Family concerns	6	2	4	2	3	1	3	3	-	6	3	3	-	6	6	-
Might take time for government/FEMA/ responders to help	6	1	4	4	-	1	6	-	1	5	5	-	-	6	6	-
Been in prior disaster	5	1	5	2	1	2	5	0	2	3	4	1	1	4	5	-
Want to be able to help in emergency/ disaster	5	2	2	2	1	1	5	-	-	5	3	1	-	5	4	1
Participant as influencer	4	0	3	2	1	1	4	-	-	4	2	2	-	4	4	-
Older and will need help	1	-	1	1	-	0	-	1	1	0	1	-	0	1	0	2
Election of Donald Trump	0	-	0	0	-	-	0	-	0	-	0	-	-	0	-	2
Other Mention	2	1	1	1	-	1	1	1	1	1	1	1	-	2	1	1
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	Most/ Some	Other		
Undecided/ Need more information	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Don't know/ No answer/Unsure	20 13%	4 8%	16 16%	10 10%	3 16%	8 19%	14 11%	6 20%	3 11%	17 13%	15 12%	5 16%	-	20 13%	18 13%	3 13%

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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 \*.



Q18. I identify my gender identity as:

	Age				Gender		Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Male	402 50%	116E 60%	129E 50%	122E 49%	33 32%	402G 100%	-	65 50%	49 55%	65 50%	223 49%	124 45%	127 52%	38 50%	31 61%	314 50%	72 46%	71 46%	119 45%	207 54%
Female	402 50%	76 39%	128 50%	127 51%	71BCD 68%	-	402F 100%	64 50%	39 45%	64 50%	235 51%	150 55%	115 48%	37 49%	19 39%	311 50%	84 54%	83 54%	145T 55%	172 45%
Non-binary or gender non-conforming	1 *	1 *	-	-	-	-	-	-	-	-	1 *	-	-	1 1%	-	1 *	-	-	-	1 *

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Male	402 50%	111 48%	286 51%	221 45%	45 49%	135D 61%	325 51%	68 48%	61 47%	337 51%	281 47%	108K 59%	133 53%	269 49%	273 49%	127 54%
Female	402 50%	122 52%	279 49%	271F 55%	46 51%	85 39%	315 49%	73 52%	68 53%	329 49%	313L 53%	74 41%	118 47%	284 51%	282 51%	108 46%
Non-binary or gender non-conforming	1 *	-	1 *	1 *	-	-	1 *	-	-	1 *	-	1 *	-	1 *	-	1 *

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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 \*.

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Q19. Age

Total	Age				Gender		Area					Income				Ethnicity		Household Size		
	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
18 - 29	193 24%	193CDE 100%	-	-	-	116G 29%	76 19%	30 23%	22 24%	35 27%	106 23%	790 29%	48 20%	14 19%	6 12%	141 22%	42 27%	28 18%	48 18%	114RS 30%
30 - 44	257 32%	-	257BDE 100%	-	-	129 32%	128 32%	40 31%	23 26%	40 31%	154 34%	65 24%	92L 38%	22 29%	25LN 50%	198 32%	57 37%	23 15%	67R 25%	168RS 44%
45 - 64	249 31%	-	-	249BCE 100%	-	122 30%	127 32%	46 36%	32 36%	38 30%	132 29%	74 27%	78 32%	37LM 49%	18 35%	195 31%	46 29%	59T 39%	103T 39%	84 22%
65+	104 13%	-	-	-	104BC 100%	33 8%	71F 18%	13 10%	11 13%	15 12%	65 14%	55MNO 20%	24 10%	2 3%	1 2%	91 15%	12 7%	43ST 28%	46T 17%	13 3%
Refused	1 *	-	-	-	-	1 *	-	-	-	-	1 *	1 *	-	-	-	1 *	-	1 1%	-	-

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

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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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
18 - 29	193 24%	37 16%	151B 27%	104 21%	12 13%	77DE 35%	131 20%	57G 41%	30 23%	157 24%	154 26%	37 20%	73 29%	120 22%	109 20%	820 35%
30 - 44	257 32%	137C 59%	120 21%	149 30%	24 26%	84 38%	212 33%	38 27%	22 17%	234I 35%	200 34%	49 27%	78 31%	179 32%	178 32%	74 31%
45 - 64	249 31%	54 23%	194B 34%	166F 34%	33F 37%	50 23%	217H 34%	27 19%	56J 44%	192 29%	170 29%	69K 38%	67 27%	182 33%	197P 35%	49 21%
65+	104 13%	5 2%	99B 18%	73F 15%	22F 24%	9 4%	82 13%	17 12%	21 17%	82 12%	70 12%	27 15%	33 13%	72 13%	71 13%	30 13%
Refused	1 *	-	1 *	1 *	-	-	-	1 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 \*.

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Q20. Area of the city

	Age				Gender			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
Central/NE	129 16%	35 18%	40 16%	38 15%	15 14%	65 16%	64 16%	-	-	129HIK 100%	-	47 17%	28 12%	14 18%	11 23%	101 16%	25 16%	34 22%	39 15%	54 14%
East	458 57%	106 55%	154 60%	132 53%	65 62%	223 55%	235 58%	-	-	-	458HI 100%J	168NO 61%	139 58%	35 46%	21 42%	353 56%	92 59%	78 51%	139 53%	238RS 63%
North	88 11%	22 11%	23 9%	32 13%	11 11%	49 12%	39 10%	-	88HJK 100%	-	-	31 11%	32 13%	8 10%	3 6%	66 10%	21 13%	15 10%	33 12%	40 10%
West	129 16%	30 15%	40 15%	46 19%	13 12%	65 16%	64 16%	129IJK 100%	-	-	-	28 10%	42 18%	19L 25%	15L 29%	107 17%	19 12%	27 17%	53T 20%	48 13%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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

Q20. Area of the city

	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
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Total	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
Central/NE	129 16%	36 15%	93 16%	89 18%	11 12%	28 13%	89 14%	36G 26%	20 15%	109 16%	93 16%	29 16%	36 15%	92 17%	85 15%	40 17%
East	458 57%	144 62%	310 55%	264 53%	54 59%	141D 64%	377 59%	69 49%	79 62%	373 56%	350 59%	95 52%	151 60%	307 55%	321 58%	130 55%
North	88 11%	23 10%	64 11%	58 12%	11 13%	19 9%	73 11%	13 9%	12 9%	74 11%	58 10%	24 13%	19 8%	69 12%	63 11%	25 11%
West	129 16%	29 13%	99 17%	82 17%	15 16%	32 15%	102 16%	22 16%	18 14%	110 17%	93 16%	34 19%	43 17%	85 15%	86 15%	41 17%

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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 - 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.

	Total	Age				Gender			Area				Income				Ethnicity		Household Size		
		18-29 (B)	30-44 (C)	45-64 (D)	65+ (E)	Male (F)	Fe- male (G)	West (H)	North (I)	Central/ NE (J)	East (K)	< \$50K (L)	\$50K- \$100K (M)	\$100K- \$150K (N)	\$150K Or > (O)	White (P)	Other (Q)	<=1 (R)	2 (S)	3+ (T)	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Less than \$25,000	97 12%	16 8%	26 10%	29 12%	26BC 25%D	36 9%	61F 15%	12 9%	10 12%	17 14%	57 12%	97MNO 35%	-	-	-	72 11%	24 15%	34ST 22%	30 11%	33 9%	
\$25,000 to less than \$50,000	177 22%	64CD 33%	39 15%	45 18%	29C 28%	88 22%	89 22%	16 13%	21H 23%	29H 23%	111H 24%	177MNO 65%	-	-	-	132 21%	43 27%	42 27%	64 24%	72 19%	
\$50,000 to less than \$75,000	142 18%	36 19%	50 20%	39 16%	17 16%	78 19%	64 16%	24 18%	16 19%	21 17%	80 18%	-	142LNO 59%	-	-	128Q 20%	14 9%	24 16%	53 20%	64 17%	
\$75,000 to less than \$100,000	100 12%	12 6%	42BE 16%	39BE 16%	7 6%	49 12%	51 13%	19J 15%	16J 18%	7 5%	59J 13%	-	100LNO 41%	-	-	87 14%	12 8%	11 7%	31 12%	57R 15%	
\$100,000 to less than \$150,000	76 10%	14 7%	22E 9%	37E 15%	2 2%	38 10%	37 9%	19K 15%	8 9%	14 11%	35 8%	-	-	76LMO 100%	-	61 10%	13 9%	10 7%	23 9%	44 11%	
\$150,000 or more	50 6%	6 3%	25BE 10%	18E 7%	1 1%	31 8%	19 5%	15IK 11%	3 3%	11I 9%	21 5%	-	-	-	50LMN 100%	35 6%	13 8%	2 1%	18R 7%	30R 8%	
Refused	161 20%	45 23%	52 20%	42 17%	22 21%	82 20%	79 20%	24 19%	14 16%	28 22%	95 21%	-	-	-	-	113 18%	38 24%	31 20%	46 17%	80 21%	

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

DHM Research - Portland Bureau of Emergency Management Telephone Survey - 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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
Less than \$25,000	97 12%	23 10%	74 13%	65 13%	13 15%	18 8%	61 9%	30G 21%	29J 23%	68 10%	71 12%	23 13%	31 13%	65 12%	51 9%	44O 19%
\$25,000 to less than \$50,000	177 22%	36 15%	142B 25%	108 22%	23 25%	47 21%	133 21%	44G 31%	38 29%	139 21%	143L 24%	28 16%	58 23%	119 22%	121 22%	54 23%
\$50,000 to less than \$75,000	142 18%	38 16%	103 18%	91 18%	13 14%	38 17%	116 18%	22 16%	17 13%	125 19%	98 16%	40 22%	44 17%	98 18%	104 19%	34 15%
\$75,000 to less than \$100,000	100 12%	40C 17%	60 11%	60 12%	13 14%	27 12%	85 13%	15 11%	13 10%	87 13%	76 13%	18 10%	28 11%	72 13%	78 14%	22 9%
\$100,000 to less than \$150,000	76 10%	32C 14%	42 7%	47 9%	13 14%	17 8%	70H 11%	5 4%	5 4%	70 11%	54 9%	19 11%	18 7%	59 11%	63 11%	14 6%
\$150,000 or more	50 6%	24C 10%	26 5%	35 7%	4 5%	11 5%	45 7%	4 3%	4 3%	46 7%	36 6%	13 7%	6 3%	44M 8%	43P 8%	7 3%
Refused	161 20%	40 17%	118 21%	88 18%	12 13%	62DE 28%	131 20%	19 14%	23 18%	132 20%	116 20%	41 22%	65N 26%	97 18%	94 17%	61O 26%

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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			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
African American/ Black	37 5%	3 1%	14 6%	17B 7%	3 3%	14 3%	23 6%	1 1%	6H 7%	11HK 9%	19 4%	19 7%	10 4%	1 1%	3 5%	-	37P 24%	7 5%	10 4%	20 5%
Asian/ Pacific Islander	26 3%	13DE 7%	8 3%	4 2%	-	15 4%	11 3%	3 2%	2 2%	4 3%	17 4%	8 3%	7 3%	4 5%	3 5%	-	26P 17%	2 1%	8 3%	16 4%
Hispanic/Latino	33 4%	13D 7%	15D 6%	4 2%	1 1%	19 5%	14 4%	5 4%	3 4%	2 1%	23 5%	12 5%	6 2%	6 8%	5M 10%	-	33P 21%	1 1%	5 2%	26RS 7%
Middle Eastern/ North African	1 *	-	1 *	-	-	1 *	-	-	1 1%	1 *	-	-	-	-	1 1%	-	1 1%	1 *	-	1 *
Native American/ American Indian	15 2%	3 1%	3 1%	7 3%	3 3%	6 2%	9 2%	1 1%	3 3%	2 2%	9 2%	13M 5%	1 *	1 2%	-	-	15P 10%	4 3%	5 2%	6 2%
White/Caucasian	637 79%	142 74%	203 79%	199 80%	92B 89%	319 79%	318 79%	109 85%	68 77%	101 79%	359 78%	207 76%	215L 89%	61 80%	40 81%	626Q 100%	11 7%	125 82%	225T 85%	285 75%
Other	48 6%	14 7%	16 6%	13 5%	4 4%	21 5%	26 7%	9 7%	6 7%	6 5%	27 6%	14 5%	6 2%	2 2%	2 4%	-	48P 30%	7 5%	11 4%	29 8%
Refused	21 3%	10C 5%	1 *	8C 3%	2 2%	15 4%	6 2%	3 2%	2 2%	3 2%	13 3%	4 2%	2 1%	2 3%	2M 5%	-	-	7S 4%	2 1%	8 2%

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

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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	Likely	Un- likely	None	Some	Most/ Some	Other	
	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235	
	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	804	232	565	493	91	220	641	140	129	666	594	183	250	554	555	235	
African American/ Black	37 5%	10 4%	27 5%	33 7%	EF	-	4 2%	33 5%	4 3%	7 6%	29 4%	29 5%	7 4%	16 6%	21 4%	25 4%	11 5%
Asian/ Pacific Islander	26 3%	6 3%	19 3%	14 3%	-	11 5%	16 3%	7 5%	3 2%	22 3%	9 2%	16 9%	16 6%	10 2%	15 3%	8 4%	
Hispanic/Latino	33 4%	15 6%	18 3%	22 4%	-	11 5%	25 4%	8 6%	11 8%	22 3%	27 5%	6 3%	10 4%	23 4%	27 5%	5 2%	
Middle Eastern/ North African	1 *	1 *	1 *	1 *	1 1%	-	1 *	1 *	-	1 *	-	1 *	-	1 *	1 *	-	
Native American/ American Indian	15 2%	3 1%	12 2%	10 2%	2 2%	3 2%	13 2%	2 1%	3 3%	12 2%	11 2%	4 2%	3 1%	13 2%	14 3%	1 1%	
White/Caucasian	637 79%	182 78%	452 80%	383 78%	83 91%	DF	170 78%	502 78%	119 85%	97 75%	539 81%	472 80%	142 78%	188 75%	449 81%	441 79%	187 79%
Other	48 6%	19 8%	29 5%	29 6%	4 4%	15 7%	44 7%	3 2%	10 8%	34 5%	38 6%	9 5%	15 6%	33 6%	28 5%	20 9%	
Refused	21 3%	4 2%	15 3%	13 3%	3 3%	5 2%	19 3%	-	-	18 3%	16 3%	4 2%	6 2%	15 3%	16 3%	5 2%	

(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 - November 10-14, 2016

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

	Area																				
	Age				Gender			Area					Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+	
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%	
Less than or equal to 1	153 19%	28 14%	23 9%	59C 24%	43BC 41%D	71 18%	83 21%	27 21%	15 17%	34IK 26%	78 17%	75MNO 27%	35 15%	10 13%	2 4%	124 20%	23 15%	153ST 100%	-	-	
2	264 33%	48 25%	67 26%	103BC 42%	46B 44%C	119 30%	145 36%	53JK 42%	33 37%	39 30%	139 30%	94 34%	84 35%	23 30%	18 37%	224Q 36%	39 25%	-	264RT 100%	-	
3	160 20%	56DE 29%	68DE 26%	33E 13%	3 3%	96G 24%	62 16%	22 17%	16 19%	25 19%	97 21%	48 18%	55 23%	21 27%	5 11%	125 20%	31 20%	-	-	160RS 42%	
4	153 19%	35E 18%	73DE 28%	38E 15%	7 7%	74 18%	79 20%	17 13%	15 17%	24 18%	98H 21%	32 12%	47 19%	18L 24%	23LMN 45%	99 16%	50P 32%	-	-	153RS 40%	
5+	66 8%	24DE 12%	27E 11%	13 5%	2 2%	36 9%	30 7%	9 7%	8 9%	6 5%	43 9%	25 9%	19 8%	5 6%	2 4%	53 9%	13 8%	-	-	66RS 17%	
Refused	7 1%	2 1%	-	2 1%	2C 2%	5 1%	2 *	1 1%	1 1%	1 1%	3 1%	0 *	2 1%	-	-	1 *	1 1%	-	-	-	
Mean base	795 99%	190 99%	257E 100%	247 99%	100 96%	396 99%	399 99%	127 99%	87 99%	127 99%	454 99%	274 100%	240 99%	76 100%	50 100%	623 100%	155 99%	153 100%	264 100%	378 100%	
Mean	2.7	3.1DE	3.1DE	2.4E	1.8	2.8	2.6	2.5	2.7	2.4	2.9HJ	2.5	2.8	2.8	3.1L	2.7	3.0P	1.0	2.0R	3.9RS	

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

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	Likely	Un- likely	None	Some	Most/ Some	Other
Total	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Less than or equal to 1	153 19%	-	153B 27%	105 21%	16 18%	32 15%	99 15%	46G 33%	27 21%	126 19%	98 17%	47K 26%	56 23%	97 17%	107 19%	40 17%
2	264 33%	11 5%	253B 45%	169 34%	39F 43%	56 26%	213 33%	43 30%	42 33%	222 33%	183 31%	68 37%	83 33%	181 33%	172 31%	88 37%
3	160 20%	71C 31%	86 15%	90 18%	19 21%	50 23%	131 20%	27 20%	14 11%	145I 22%	130L 22%	25 14%	43 17%	117 21%	109 20%	49 21%
4	153 19%	111C 48%	42 7%	96 19%	11 12%	46 21%	142H 22%	12 8%	26 20%	123 18%	123 21%	29 16%	51 20%	102 18%	119P 22%	33 14%
5+	66 8%	39C 17%	28 5%	29 6%	6 6%	32D 14%	53 8%	12 9%	20J 16%	46 7%	54 9%	12 6%	14 5%	53 10%	44 8%	22 9%
Refused	7 1%	-	4 1%	4 1%	0 *	3 1%	3 1%	1 *	-	4 1%	5 1%	2 1%	3 1%	4 1%	4 1%	3 1%
Mean base	795 99%	232 100%	560 99%	487 99%	91 100%	217 99%	638 99%	140 100%	128 99%	662 99%	587 99%	181 99%	246 99%	549 99%	549 99%	232 99%
Mean	2.7	4.0C	2.2	2.6	2.5	3.2DE	2.8	2.5	2.9	2.7	2.8L	2.5	2.5	2.8M	2.7	2.8

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

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

	Age				Gender			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Yes	232 29%	37E 19%	137BDE 53%	54E 22%	5 5%	111 28%	122 30%	29 23%	23 26%	36 28%	144 31%	59 21%	78L 32%	32L 41%	24L 47%	175 28%	53 34%	-	11R 4%	221RS 58%
No	565 70%	151C 78%	120 47%	194C 78%	99B 95% D	286 71% C	279 69%	99K 77%	64 72%	93 72%	310 68%	215MN 79% O	163 68%	42 55%	26 53%	448 71%	103 66%	153ST 100%	253T 96%	155 41%
Refused	7 1%	5C 3%	-	1 1%	0 *	5 1%	1 *	1 *	1 1%	-	5 1%	-	1 *	3LM 4%	-	3 1%	1 *	1 *	-	3 1%

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

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Yes	232 29%	232C 100%	-	130 26%	23 26%	79D 36%	208H 32%	23 17%	28 21%	200 30%	198L 33%	33 18%	51 20%	181M 33%	173 31%	59 25%
No	565 70%	-	565B 100%	362F 73%	65 71%	138 63%	431 67%	117G 83%	102 79%	463 69%	390 66%	149K 82%	194N 77%	371 67%	378 68%	174 74%
Refused	7 1%	-	-	1 *	3D 3%	3 1%	3 *	-	-	3 1%	6 1%	1 1%	6N 2%	1 *	4 1%	2 1%

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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 - November 10-14, 2016

Q25. Party

	Age				Gender			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Democrat	493 61%	104 54%	149 58%	166B 67%	73B 70%C	221 55%	271F 67%	82 64%	58 66%	89K 69%	264 58%	173 63%	151 62%	47 61%	35 70%	375 60%	105 67%	105T 68%	169 64%	215 57%
Republican	91 11%	12 6%	24 9%	33 13%	22BC 21%	45 11%	46 12%	15 11%	11 13%	11 9%	54 12%	36 13%	26 11%	13 16%	4 9%	81Q 13%	7 4%	16 10%	39 15%	36 9%
Independent	134 17%	55DE 29%	65DE 25%	11 4%	2 2%	87G 22%	46 12%	22 17%	11 12%	19 15%	82 18%	38 14%	39 16%	11 14%	9 19%	100 16%	32 21%	21 14%	29 11%	83S 22%
Other	11 1%	1 *	4 2%	4 2%	2 2%	5 1%	6 2%	1 1%	2 2%	1 1%	7 2%	2 1%	2 1%	2 3%	-	8 1%	3 2%	1 1%	1 *	9 2%
Non-affiliated	75 9%	21 11%	15 6%	35CE 14%	5 5%	43 11%	32 8%	9 7%	6 7%	8 6%	51 11%	25 9%	24 10%	4 6%	1 2%	62 10%	9 6%	10 7%	27 10%	35 9%

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

DHM Research - Portland Bureau of Emergency Management Telephone Survey - 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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Democrat	493 61%	130 56%	362 64%	493EF 100%	-	-	397 62%	83 59%	75 58%	417 63%	368 62%	103 56%	155 62%	338 61%	357P 64%	129 55%
Republican	91 11%	23 10%	65 12%	-	91DF 100%	-	79 12%	12 9%	18 14%	72 11%	62 10%	28 15%	17 7%	75M 13%	73 13%	18 8%
Independent	134 17%	50 21%	83 15%	-	-	134DE 61%	99 15%	29 21%	14 10%	120 18%	98 17%	35 19%	47 19%	87 16%	77 14%	52O 22%
Other	11 1%	5 2%	6 1%	-	-	11D 5%	8 1%	3 2%	3 2%	8 1%	10 2%	1 *	3 1%	8 1%	5 1%	7 3%
Non-affiliated	75 9%	24 10%	49 9%	-	-	75DE 34%	57 9%	14 10%	20J 16%	48 7%	56 9%	17 9%	29 11%	46 8%	44 8%	30 13%

(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			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Single family	641 80%	131 68%	212B 82%	217B 87%	82 79%	325 81%	315 78%	102J 80%	73J 83%	89 69%	377J 82%	194 71%	201L 83%	70L 92%	45L 91%	494 79%	129 82%	99 65%	213R 81%	326R 86%
Multi-family	140 17%	57CDE 30%	38 15%	27 11%	17 16%	68 17%	73 18%	22 17%	13 14%	36HIK 28%	69 15%	74MNO 27%	38 16%	5 7%	4 8%	116 19%	24 16%	46ST 30%	43 16%	51 14%
Other	13 2%	2 1%	4 2%	3 1%	5 5%	5 1%	8 2%	1 *	2 2%	3 2%	8 2%	5 2%	2 1%	1 1%	1 1%	13 2%	1 1%	6T 4%	5 2%	2 1%
Refused	9 1%	3 2%	3 1%	2 1%	0 *	3 1%	6 1%	3J 3%	1 1%	-	5 1%	2 1%	1 1%	-	-	4 1%	3 2%	2 1%	3 1%	1 *

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

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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Single family	641 80%	208C 89%	431 76%	397 81%	79 87%	165 75%	641H 100%	-	94 73%	542 81%	484L 82%	134 73%	185 74%	456M 82%	460P 83%	172 73%
Multi-family	140 17%	23 10%	117B 21%	83 17%	12 13%	46 21%	-	140G 100%	29 23%	111 17%	95 16%	42 23%	53 21%	87 16%	83 15%	560 24%
Other	13 2%	1 *	13 2%	10 2%	-	4 2%	-	-	6J 4%	8 1%	10 2%	3 2%	4 2%	9 2%	9 2%	4 2%
Refused	9 1%	1 *	5 1%	3 1%	-	6 3%	-	-	1 *	5 1%	5 1%	3 2%	8N 3%	1 *	2 *	3 1%

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

	Total	Age				Gender			Area				Income				Ethnicity		Household Size			
		18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	Or >	White	Other	<=1	2	3+		
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%		
Yes	129 16%	30 15%	22 9%	56 23%	21 20%	61 15%	68 17%	18 14%	12 13%	20 15%	79 17%	67 24%	MNO 12%	30 7%	5 9%	4 16%	97 20%	32 18%	27 16%	42 16%	60 16%	
No	666 83%	157 81%	234 91%	BD 77%	192 79%	82 84%	337 82%	329 85%	110 84%	74 84%	109 84%	373 81%	207 75%	212 88%	L 92%	70 91%	46 84%	529 76%	120 82%	126 84%	222 83%	314 83%
Don't know	5 1%	4 2%	1 *	1 *	0 *	2 *	4 1%	1 *	2 2%	J -	3 1%	1 *	- 1%	1 1%	- *	1 *	5 3%	P -	- -	- -	5 1%	
Refused	3 *	2 1%	-	1 *	0 *	3 1%	1 *	-	1 1%	0 *	2 1%	-	1 *	-	-	-	1 *	-	-	-	-	

(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST  
 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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Yes	129 16%	28 12%	102 18%	75 15%	18 20%	37 17%	94 15%	29 21%	129J 100%	-	88 15%	38 21%	27 11%	102M 18%	93 17%	35 15%
No	666 83%	200 86%	463 82%	417 85%	72 79%	176 80%	542 85%	111 79%	-	666I 100%	499 84%	144 79%	217 87%	449 81%	459 83%	194 83%
Don't know	5 1%	5C 2%	1 *	0 *	1 1%	5D 2%	5 1%	-	-	-	5 1%	0 *	4 1%	2 *	2 *	4 2%
Refused	3 *	-	0 *	1 *	0 *	2 1%	0 *	-	-	-	3 *	1 *	2 1%	1 *	1 *	2 1%

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

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Cell

	Age				Gender			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Yes	425 53%	145DE 75%	184DE 72%	80E 32%	15 15%	236G 59%	188 47%	75K 58%	48 54%	84IK 65%	218 48%	150 55%	127 52%	37 49%	24 48%	328 52%	88 56%	63 41%	135 51%	222R 58%
No	379 47%	48 25%	73 28%	169BC 68%	89B 85% D	165 41%	214F 53%	54 42%	40J 46%	45 35%	240HJ 52%	124 45%	115 48%	39 51%	26 52%	299 48%	69 44%	90T 59%	129 49%	158 42%

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(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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Cell

	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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Yes	425 53%	140C 60%	279 49%	259E 53%	35 39%	131E 59%	322 50%	92G 65%	42 33%	380I 57%	325 55%	91 50%	157N 63%	268 48%	277 50%	139 59%
No	379 47%	93 40%	286B 51%	234 47%	56DF 61%	89 41%	319H 50%	49 35%	87J 67%	286 43%	268 45%	92 50%	93 37%	286M 52%	278 50%	96 41%

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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 - November 10-14, 2016

Individual Preparedness

	Age				Gender			Area				Income				Ethnicity		Household Size		
	Total	18-29	30-44	45-64	65+	Male	Fe- male	West	North	Central/ NE	East	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	White	Other	<=1	2	3+
Total	804 100%	193 100%	257 100%	249 100%	104 100%	402 100%	402 100%	129 100%	88 100%	129 100%	458 100%	274 100%	242 100%	76 100%	50 100%	626 100%	157 100%	153 100%	264 100%	379 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
None	250 31%	73 38%	78 30%	67 27%	33 31%	133 33%	118 29%	43I 34%	19 22%	36 28%	151I 33%	90O 33%	72O 30%	18 23%	6 13%	188 30%	56 36%	56 37%	83 31%	108 28%
Some	554 69%	120 62%	179 70%	182 73%	72 69%	269 67%	284 71%	85 66%	69HK 78%	92 72%	307 67%	185 67%	170 70%	59 77%	44LM 87%	438 70%	100 64%	97 63%	181 69%	272 72%
1	193 24%	47 24%	66 26%	55 22%	25 24%	92 23%	101 25%	30 23%	26 29%	32 25%	105 23%	68 25%	56 23%	20 26%	14 28%	151 24%	37 24%	47 31%	60 23%	85 22%
2	186 23%	50 26%	56 22%	58 23%	22 21%	84 21%	101 25%	24 19%	27H 30%	30 23%	105 23%	62 23%	63 26%	14 18%	15 30%	147 23%	32 20%	29 19%	59 22%	97 26%
3	175 22%	23 12%	57B 22%	69B 28%	25B 24%	93 23%	82 20%	32 25%	17 19%	30 23%	97 21%	54 20%	51 21%	25L 33%	15 30%	140 22%	32 20%	20 13%	62R 24%	90R 24%
Mean	1.4	1.1	1.4	1.5B	1.4	1.3	1.4	1.3	1.5	1.4	1.3	1.3	1.4	1.6	1.8LM	1.4	1.2	1.1	1.4R	1.4R

(sig=.05) (all\_pairs) columns tested BCDE, FG, HIJK, LMNO, PQ, RST

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

Individual Preparedness

	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	804 100%	232 100%	565 100%	493 100%	91 100%	220 100%	641 100%	140 100%	129 100%	666 100%	594 100%	183 100%	250 100%	554 100%	555 100%	235 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
None	250 31%	51 22%	194B 34%	155E 31%	17 18%	79E 36%	185 29%	53 38%	27 21%	217I 33%	178 30%	67 37%	250N 100%	-	146 26%	960 41%
Some	554 69%	181C 78%	371 66%	338 69%	75DF 82%	141 64%	456 71%	87 62%	102J 79%	449 67%	416 70%	116 63%	-	554M 100%	409P 74%	140 59%
1	193 24%	57 25%	135 24%	116 24%	29 31%	48 22%	152 24%	38 27%	23 18%	169 25%	138 23%	45 25%	-	193M 35%	119 22%	700 30%
2	186 23%	58 25%	127 22%	111 23%	25 27%	50 23%	150 23%	29 21%	55J 43%	129 19%	144 24%	34 18%	-	186M 34%	140 25%	44 19%
3	175 22%	66C 28%	109 19%	111 22%	21 23%	43 20%	154H 24%	20 14%	24 18%	151 23%	134 23%	37 20%	-	175M 32%	150P 27%	25 11%
Mean	1.4	1.6C	1.3	1.4	1.6	1.3	1.4H	1.1	1.6J	1.3	1.4	1.2	0.0	2.0M	1.5P	1.0

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