



Umatilla Cross Tabulations

Umatilla CSEPP Survey (n=814) collected May 20–24, 2004

This document contains cross tabulations from the May 2004 survey of the Chemical Stockpile Emergency Preparedness Program (CSEPP) site in Umatilla, Oregon. Responses have been combined to produce categories that contain at least 30 survey respondents for statistical purposes. Only those categories with 30 or more survey respondents are shown in these tables. Consequently, questions where all categories had less than 30 survey respondents are not included in this document.

There were 814 residents sampled within the Umatilla emergency planning zones. Of the total sample, 784 of those residents were from the State of Oregon and 30 were from the State of Washington.¹ This survey has a margin of error of ± 3.4 percentage points with a 95% confidence level, consistent with previous survey efforts. This means that we are 95% confident that the true proportions for these survey questions are within ± 3.4 percentage points of the reported proportions in this document.

Innovative Emergency Management, Inc. (IEM) over-sampled residents in Washington, in order to make valid statistical comparisons with the survey results. As a result, the raw data from the May 2004 survey was weighted by state so that the sample proportions for each state were consistent with the true population proportions. Therefore, the 30 completed surveys in Washington were weighted back to represent approximately 2% of the total sample. This is consistent with the fact that Washington residents are approximately 2% of the Umatilla emergency planning zone population according to 2000 U.S. Census data.

As part of the cross tabulation tables, IEM has provided the percentage of respondents who belong to each of the four Trust and Control categories. IEM has researched public outreach and risk communication spanning several decades. This research indicates that there are two principal strategies for providing a sense of safety to residents living near a potentially hazardous facility:

- Provide the public with a sense of control.
- Enhance the public's trust in the management and personnel of the emergency preparedness program.

¹ In the May 2004 *Umatilla Preliminary Tabulations* document delivered by IEM it was documented that 31 respondents were sampled from Washington State and 783 were sampled from Oregon State. However, when further analysis was performed on the survey data it was determined that one of the survey respondents that had been marked as a resident of Washington was in fact an Oregon resident. That survey respondent was reassigned to Oregon and as a result the documented sample size of each state changed by one respondent.



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Survey responses have been combined and four Trust and Control groups have been identified. Trust and Control groups generally have the following characteristics:

- **Participants:** Trust CSEPP/Army and feel like they have personal control in the event of a chemical incident.
- **Believers:** Trust CSEPP/Army, but feel like they have little, if any, personal control in the event of chemical incident.
- **Watchdogs:** Do not trust CSEPP/Army, but feel like they have some personal control in the event of a chemical incident.
- **Cynics:** Do not trust CSEPP/Army and feel like they have little, if any, personal control in the event of a chemical incident.

Note: Questions with multiple responses will not add to 100%, and questions without multiple responses may not add to 100% due to rounding.

1. Are you aware of the chemical agents at the Umatilla Chemical Depot?

	Yes	No
Total Sample	96%	4%
Respondent Age		
18–29	91%	9%
30–34	93%	7%
35–44	96%	4%
45–54	98%	2%
55–59	97%	3%
60–64	100%	---
65+	98%	2%
Respondent Gender		
Male	94%	6%
Female	98%	2%



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	Yes	No
Respondent Ethnicity		
Caucasian	97%	3%
Hispanic	89%	11%
Other ² /Refused	96%	4%
Respondent Time Living in Area		
5 years or less	91%	9%
6–10 years	95%	5%
11–15 years	98%	2%
16–20 years	97%	3%
More than 20 years	98%	2%
Respondent has Internet Access		
Yes	98%	2%
No	93%	7%
Respondent State		
Oregon	96%	4%
Washington	90%	10%
Respondent County		
Benton	90%	10%
Morrow	96%	4%
Umatilla	96%	4%
Respondent City		
Boardman	96%	4%
Echo	96%	4%

² In this document, the ethnic group referred to as “other” includes Asian-Americans, Native Americans, and residents who belong to multiple ethnicity groups.



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	Yes	No
Hermiston	96%	4%
Irrigon	96%	4%
Stanfield	96%	4%
Umatilla	97%	3%
Paterson/Plymouth	90%	10%
Respondent ZIP Code		
97818	96%	4%
97826	96%	4%
97838	96%	4%
97844	97%	3%
97875	100%	---
97882	95%	5%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	97%	3%
No/Don't know	92%	8%
Respondent knows the Difference between the Siren Sounds		
Yes	97%	3%
No	95%	5%
Respondent Trust and Control Category		
Participants	98%	2%
Believers	91%	9%
Watchdogs	93%	7%
Cynics	96%	4%



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2. How would you know if there were a chemical emergency at the Umatilla Chemical Depot?

	Tone alert radio	Siren/ Loudspeaker	AM/FM radio	Television
Total Sample	68%	61%	17%	8%
Respondent Age				
18–29	64%	59%	14%	5%
30–34	65%	52%	22%	16%
35–44	70%	62%	24%	13%
45–54	75%	73%	18%	8%
55–59	57%	63%	13%	5%
60–64	66%	59%	14%	4%
65+	71%	52%	13%	4%
Respondent Gender				
Male	65%	65%	18%	6%
Female	70%	59%	17%	9%
Respondent Ethnicity				
Caucasian	71%	62%	18%	8%
Hispanic	59%	56%	12%	5%
Other/Refused	56%	62%	20%	8%
Respondent Time Living in Area				
5 years or less	66%	58%	14%	8%
6–10 years	66%	63%	14%	10%
11–15 years	64%	66%	15%	5%
16–20 years	72%	56%	25%	8%
More than 20 years	70%	62%	18%	8%



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	Tone alert radio	Siren/ Loudspeaker	AM/FM radio	Television
Respondent has Internet Access				
Yes	73%	65%	18%	7%
No	59%	53%	15%	10%
Respondent State				
Oregon	68%	62%	17%	8%
Washington	67%	43%	30%	10%
Respondent County				
Benton	67%	43%	30%	10%
Morrow	72%	63%	15%	9%
Umatilla	68%	62%	17%	8%
Respondent City				
Boardman	72%	59%	16%	12%
Echo	52%	63%	19%	4%
Hermiston	69%	61%	17%	7%
Irrigon	69%	66%	26%	10%
Stanfield	63%	51%	16%	14%
Umatilla	67%	72%	12%	3%
Paterson/ Plymouth	67%	43%	30%	10%
Respondent ZIP Code				
97818	72%	63%	15%	9%
97826	54%	61%	18%	4%
97838	70%	61%	17%	7%
97844	66%	71%	23%	11%
97875	56%	54%	20%	12%



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	Tone alert radio	Siren/ Loudspeaker	AM/FM radio	Television
97882	68%	64%	15%	7%
Respondent has a Shelter-in-Place Kit at Home and/or Work				
Yes	74%	62%	19%	7%
No/Don't know	48%	58%	12%	9%
Respondent knows the Difference between the Siren Sounds				
Yes	71%	64%	21%	8%
No	65%	59%	13%	7%
Respondent Trust and Control Category				
Participants	74%	62%	20%	8%
Believers	65%	59%	16%	7%
Watchdogs	62%	59%	12%	6%
Cynics	45%	62%	12%	7%



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3. Please tell me if you agree or disagree with the following statement: "I know what to do if I am warned of a chemical emergency at the Umatilla Chemical Depot.?"

	Agree strongly	Agree somewhat	Disagree somewhat	Disagree strongly	Don't know	Total "agree" responses	Total "disagree" responses
Total Sample	56%	28%	6%	6%	4%	84%	12%
Respondent Age							
18–29	45%	33%	8%	8%	6%	79%	15%
30–34	47%	43%	3%	4%	3%	90%	7%
35–44	56%	27%	7%	7%	2%	83%	15%
45–54	69%	21%	3%	4%	3%	90%	7%
55–59	60%	18%	7%	11%	4%	78%	18%
60–64	58%	34%	3%	2%	3%	92%	5%
65+	52%	28%	8%	5%	7%	80%	13%
Respondent Gender							
Male	61%	24%	4%	6%	5%	84%	10%
Female	54%	31%	7%	6%	3%	84%	13%
Respondent Ethnicity							
Caucasian	60%	27%	5%	5%	3%	87%	10%
Hispanic	38%	35%	6%	10%	11%	73%	16%
Other/Refused	50%	24%	6%	13%	7%	74%	19%
Respondent Time Living in Area							
5 years or less	50%	28%	6%	10%	4%	79%	17%
6–10 years	55%	25%	9%	6%	5%	80%	15%
11–15 years	60%	25%	7%	4%	4%	86%	11%



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	Agree strongly	Agree somewhat	Disagree somewhat	Disagree strongly	Don't know	Total "agree" responses	Total "disagree" responses
16–20 years	55%	34%	4%	5%	3%	89%	9%
More than 20 years	59%	28%	4%	5%	4%	87%	9%
Respondent has Internet Access							
Yes	61%	28%	4%	4%	3%	89%	9%
No	46%	29%	9%	10%	6%	75%	18%
Respondent State							
Oregon	56%	28%	6%	6%	4%	84%	12%
Washington	67%	17%	7%	7%	3%	83%	13%
Respondent County							
Benton	67%	17%	7%	7%	3%	83%	13%
Morrow	54%	36%	3%	4%	3%	90%	7%
Umatilla	56%	27%	6%	6%	4%	84%	12%
Respondent City							
Boardman	55%	33%	4%	5%	3%	88%	9%
Echo	59%	26%	4%	7%	4%	85%	11%
Hermiston	54%	28%	6%	6%	5%	82%	13%
Irrigon	63%	30%	4%	3%	---	93%	7%
Stanfield	69%	12%	4%	10%	4%	82%	14%
Umatilla	55%	30%	6%	6%	3%	85%	11%
Paterson/Plymouth	67%	17%	7%	7%	3%	83%	13%
Respondent ZIP Code							
97818	54%	36%	3%	4%	3%	90%	7%
97826	57%	25%	7%	7%	4%	82%	14%
97838	56%	27%	6%	6%	5%	83%	12%



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	Agree strongly	Agree somewhat	Disagree somewhat	Disagree strongly	Don't know	Total "agree" responses	Total "disagree" responses
97844	71%	20%	9%	---	---	91%	9%
97875	68%	15%	5%	10%	2%	83%	15%
97882	51%	35%	5%	7%	2%	86%	12%
Respondent has a Shelter-in-Place Kit at Home and/or Work							
Yes	64%	26%	5%	3%	2%	90%	8%
No/Don't know	30%	34%	9%	17%	10%	64%	26%
Respondent knows the Difference between the Siren Sounds							
Yes	70%	22%	3%	3%	2%	92%	6%
No	42%	34%	8%	9%	6%	76%	18%
Respondent Trust and Control Category							
Participants	69%	26%	3%	1%	1%	95%	4%
Believers	27%	35%	11%	19%	8%	62%	30%
Watchdogs	51%	40%	1%	3%	4%	91%	4%
Cynics	26%	22%	23%	25%	4%	48%	48%



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4. What action would you take if you found out there was a chemical emergency at the Umatilla Chemical Depot?^{3,4}

	Shelter in place	Evacuate	Depends (wind direction, location of respondent, circumstances)	Await instructions from officials	Don't know	Listen to tone alert radio
Total Sample	48%	19%	9%	7%	7%	5%
Respondent Age						
18–29	55%	17%	6%	3%	12%	5%
30–34	59%	17%	10%	1%	6%	5%
35–44	42%	17%	11%	10%	8%	6%
45–54	46%	19%	10%	10%	6%	4%
55–59	38%	32%	11%	6%	4%	6%
60–64	46%	25%	7%	7%	3%	5%
65+	53%	16%	6%	8%	5%	5%
Respondent Gender						
Male	40%	26%	10%	8%	6%	4%
Female	53%	15%	8%	6%	8%	6%
Respondent Ethnicity						
Caucasian	49%	20%	9%	7%	6%	4%
Hispanic	48%	18%	4%	2%	17%	8%
Other/Refused	40%	16%	17%	11%	6%	9%

³ Compared to the survey in June 2001, *Moore Information Umatilla Area Residents* Question 2, “In the event of a chemical accident at the Umatilla Chemical Depot, 62 sirens in the surrounding area would go off and signal to local residents that a chemical accident had occurred. Upon hearing the siren, what is the first thing you would do?” Responses from June 2000–June 2001 were re-categorized from data presented by Moore Information.

⁴ Multiple responses were accepted for this question.



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	Shelter in place	Evacuate	Depends (wind direction, location of respondent, circumstances)	Await instructions from officials	Don't know	Listen to tone alert radio
Respondent Time Living in Area						
5 years or less	51%	15%	5%	7%	11%	4%
6–10 years	49%	23%	10%	5%	9%	4%
11–15 years	49%	17%	11%	7%	5%	12%
16–20 years	52%	25%	6%	4%	5%	5%
More than 20 years	45%	20%	10%	9%	5%	4%
Respondent has Internet Access						
Yes	50%	18%	10%	8%	6%	5%
No	44%	23%	7%	5%	9%	6%
Respondent State						
Oregon	49%	19%	9%	7%	7%	5%
Washington	20%	43%	7%	3%	13%	7%
Respondent County						
Benton	20%	43%	7%	3%	13%	7%
Morrow	34%	31%	13%	6%	12%	3%
Umatilla	50%	18%	9%	7%	6%	5%
Respondent City						
Boardman	37%	31%	11%	7%	8%	5%
Echo	30%	26%	4%	15%	4%	15%
Hermiston	51%	17%	9%	7%	7%	4%
Irrigon	53%	23%	7%	6%	4%	7%
Stanfield	41%	27%	6%	4%	8%	8%



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	Shelter in place	Evacuate	Depends (wind direction, location of respondent, circumstances)	Await instructions from officials	Don't know	Listen to tone alert radio
Umatilla	49%	12%	13%	7%	8%	7%
Paterson/ Plymouth	20%	43%	7%	3%	13%	7%
Respondent ZIP Code						
97818	34%	31%	13%	6%	12%	3%
97826	29%	25%	4%	18%	4%	14%
97838	51%	17%	9%	8%	7%	4%
97844	63%	20%	9%	6%	---	3%
97875	44%	27%	5%	5%	---	10%
97882	49%	17%	10%	5%	9%	8%
Respondent has a Shelter-in-Place Kit at Home and/or Work						
Yes	52%	18%	10%	8%	4%	5%
No/Don't know	36%	25%	6%	4%	18%	6%
Respondent knows the Difference between the Siren Sounds						
Yes	49%	19%	9%	9%	5%	5%
No	48%	20%	9%	5%	9%	5%
Respondent Trust and Control Category						
Participants	54%	15%	9%	9%	4%	5%
Believers	40%	26%	6%	7%	11%	6%
Watchdogs	41%	33%	13%	---	9%	3%
Cynics	32%	24%	12%	4%	12%	6%

5. Why do you say that?

A cross tabulation table for question 5 is not included in this document due to the small sample size (less than 30 respondents) of each response category for this question.



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6. If you were instructed to shelter-in-place, what actions would you take?^{5,6}

	Seal doors and windows	Go into shelter room of your home or workplace	Close doors and windows	Turn off heating and air conditioning systems	Shelter in place	Close heating/air conditioning vents	Get food/water supply	Use shelter-in-place kit	Listen to radio or television for further instructions	Take radio or television into shelter room	Go/Stay inside	Don't know	Evacuate	Get supplies	Use emergency kit	Locate/Collect pets
Total Sample	59%	35%	33%	23%	18%	17%	15%	14%	14%	14%	12%	7%	6%	6%	4%	3%
Respondent Age																
18–29	59%	33%	35%	24%	13%	22%	12%	12%	14%	15%	9%	13%	4%	4%	1%	2%
30–34	52%	26%	37%	21%	22%	13%	20%	16%	18%	12%	14%	13%	4%	3%	---	---
35–44	62%	41%	26%	27%	15%	17%	14%	19%	14%	12%	13%	5%	9%	7%	5%	4%
45–54	67%	40%	39%	28%	22%	19%	19%	15%	17%	19%	10%	2%	4%	4%	6%	4%
55–59	58%	26%	33%	18%	20%	10%	11%	11%	15%	9%	15%	5%	9%	11%	5%	3%
60–64	55%	37%	21%	16%	23%	13%	11%	7%	13%	10%	13%	7%	11%	5%	7%	5%
65+	52%	31%	34%	21%	16%	16%	19%	16%	9%	13%	14%	6%	5%	6%	4%	4%

⁵ Compared to the May 2002 survey, questions 9 and 11, “If you were instructed to shelter-in-place, what actions would you take?” and question 6, “What actions would you take to shelter-in-place?” These questions have been aggregated since October 2002.

⁶ Multiple responses were accepted for this question.



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	Seal doors and windows	Go into shelter room of your home or workplace	Close doors and windows	Turn off heating and air conditioning systems	Shelter in place	Close heating/air conditioning vents	Get food/water supply	Use shelter-in-place kit	Listen to radio or television for further instructions	Take radio or television into shelter room	Go/Stay inside	Don't know	Evacuate	Get supplies	Use emergency kit	Locate/Collect pets
Respondent Gender																
Male	57%	34%	33%	23%	17%	17%	14%	11%	15%	11%	10%	7%	10%	3%	5%	3%
Female	61%	35%	33%	24%	19%	17%	16%	17%	14%	15%	14%	6%	4%	7%	4%	4%
Respondent Ethnicity																
Caucasian	62%	37%	34%	25%	18%	18%	15%	16%	15%	14%	13%	5%	6%	6%	5%	3%
Hispanic	43%	21%	28%	13%	22%	15%	16%	6%	14%	13%	11%	18%	3%	2%	2%	1%
Other/Refused	53%	33%	31%	26%	16%	10%	14%	11%	11%	14%	11%	9%	8%	6%	3%	8%
Respondent Time Living in Area																
5 years or less	54%	30%	31%	20%	14%	11%	10%	14%	12%	8%	15%	10%	4%	5%	5%	3%
6–10 years	59%	35%	35%	22%	20%	14%	13%	17%	15%	13%	10%	10%	8%	8%	3%	6%
11–15 years	63%	34%	31%	28%	17%	24%	22%	15%	19%	17%	15%	6%	7%	4%	2%	4%



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	Seal doors and windows	Go into shelter room of your home or workplace	Close doors and windows	Turn off heating and air conditioning systems	Shelter in place	Close heating/air conditioning vents	Get food/water supply	Use shelter-in-place kit	Listen to radio or television for further instructions	Take radio or television into shelter room	Go/Stay inside	Don't know	Evacuate	Get supplies	Use emergency kit	Locate/Collect pets
16–20 years	53%	34%	36%	23%	13%	23%	16%	13%	14%	15%	8%	8%	5%	9%	4%	3%
More than 20 years	62%	37%	33%	24%	21%	17%	17%	14%	13%	15%	13%	4%	6%	5%	5%	3%
Respondent has Internet Access																
Yes	65%	38%	36%	26%	20%	19%	15%	17%	16%	15%	11%	5%	6%	7%	5%	4%
No	47%	27%	26%	17%	15%	13%	15%	9%	10%	11%	15%	10%	7%	3%	2%	3%
Respondent State																
Oregon	59%	35%	33%	23%	18%	17%	15%	14%	14%	14%	12%	7%	6%	6%	4%	3%
Washington	50%	20%	33%	27%	17%	17%	17%	13%	7%	7%	10%	7%	10%	3%	3%	---
Respondent County																
Benton	50%	20%	33%	27%	17%	17%	17%	13%	7%	7%	10%	7%	10%	3%	3%	---
Morrow	51%	30%	27%	22%	19%	16%	13%	16%	13%	13%	16%	10%	1%	1%	6%	1%
Umatilla	60%	35%	34%	23%	18%	17%	16%	14%	14%	14%	12%	6%	7%	6%	4%	4%



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	Seal doors and windows	Go into shelter room of your home or workplace	Close doors and windows	Turn off heating and air conditioning systems	Shelter in place	Close heating/air conditioning vents	Get food/water supply	Use shelter-in-place kit	Listen to radio or television for further instructions	Take radio or television into shelter room	Go/Stay inside	Don't know	Evacuate	Get supplies	Use emergency kit	Locate/Collect pets
Respondent City																
Boardman	55%	29%	28%	25%	20%	20%	16%	16%	19%	13%	17%	12%	1%	3%	7%	1%
Echo	56%	30%	30%	26%	30%	4%	7%	15%	15%	4%	19%	---	15%	11%	---	---
Hermiston	60%	37%	34%	24%	17%	18%	16%	13%	14%	15%	12%	7%	7%	5%	5%	4%
Irrigon	61%	27%	39%	20%	20%	14%	14%	16%	13%	13%	7%	4%	4%	7%	1%	4%
Stanfield	39%	29%	20%	14%	14%	8%	10%	12%	12%	10%	14%	10%	6%	6%	2%	4%
Umatilla	72%	42%	35%	26%	21%	18%	18%	22%	15%	11%	13%	4%	6%	6%	4%	3%
Paterson/Plymouth	50%	20%	33%	27%	17%	17%	17%	13%	7%	7%	10%	7%	10%	3%	3%	---
Respondent ZIP Code																
97818	51%	30%	27%	22%	19%	16%	13%	16%	13%	13%	16%	10%	1%	1%	6%	1%
97826	57%	29%	29%	25%	29%	4%	7%	14%	14%	4%	18%	---	14%	11%	---	---
97838	60%	36%	35%	24%	16%	17%	17%	12%	15%	15%	12%	7%	6%	6%	4%	4%



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	Seal doors and windows	Go into shelter room of your home or workplace	Close doors and windows	Turn off heating and air conditioning systems	Shelter in place	Close heating/air conditioning vents	Get food/water supply	Use shelter-in-place kit	Listen to radio or television for further instructions	Take radio or television into shelter room	Go/Stay inside	Don't know	Evacuate	Get supplies	Use emergency kit	Locate/Collect pets
97844	66%	31%	43%	23%	23%	23%	14%	20%	26%	14%	11%	3%	3%	3%	---	6%
97875	46%	34%	24%	20%	20%	12%	10%	17%	15%	15%	12%	10%	12%	7%	5%	5%
97882	66%	37%	31%	24%	21%	17%	16%	18%	10%	12%	10%	6%	5%	7%	5%	4%
Respondent has a Shelter-in-Place Kit at Home and/or Work																
Yes	65%	38%	37%	26%	21%	19%	17%	16%	16%	15%	11%	5%	5%	6%	5%	3%
No/Don't know	40%	24%	21%	13%	10%	10%	11%	8%	9%	9%	16%	13%	9%	5%	2%	4%
Respondent knows the Difference between the Siren Sounds																
Yes	64%	38%	39%	29%	22%	19%	16%	17%	17%	17%	12%	5%	6%	6%	6%	3%
No	54%	31%	27%	18%	15%	14%	14%	12%	11%	10%	13%	9%	7%	5%	2%	4%



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	Seal doors and windows	Go into shelter room of your home or workplace	Close doors and windows	Turn off heating and air conditioning systems	Shelter in place	Close heating/air conditioning vents	Get food/water supply	Use shelter-in-place kit	Listen to radio or television for further instructions	Take radio or television into shelter room	Go/Stay inside	Don't know	Evacuate	Get supplies	Use emergency kit	Locate/Collect pets
Respondent Trust and Control Category																
Participants	63%	38%	37%	28%	20%	19%	17%	16%	17%	15%	12%	5%	4%	6%	4%	3%
Believers	51%	33%	29%	15%	13%	8%	9%	8%	9%	10%	13%	9%	6%	4%	2%	3%
Watchdogs	63%	28%	33%	21%	18%	19%	19%	16%	15%	19%	12%	6%	13%	4%	9%	6%
Cynics	46%	32%	20%	16%	8%	13%	8%	10%	6%	4%	12%	17%	9%	4%	4%	3%



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7. If you were instructed to evacuate, what actions would you take?^{7,8}

	Leave home or workplace	Follow instructions/Do what told	Evacuate toward a pre-planned destination	Follow a pre-planned route to evacuate	Follow a pre-planned direction to evacuate	Check wind direction	Get personal items	Get kids/Go to school for kids	Don't know	Await instructions/ Listen for help	Listen to television, radio, or tone alert radio for correct evacuation route	Wait for or contact family members before leaving	Locate/Collect pets
Total Sample	83%	11%	9%	7%	7%	6%	6%	5%	5%	5%	5%	4%	4%
Respondent Age													
18–29	89%	6%	6%	3%	8%	5%	9%	12%	7%	5%	5%	5%	2%
30–34	81%	13%	14%	9%	3%	7%	14%	14%	6%	1%	3%	4%	1%
35–44	81%	13%	8%	8%	3%	9%	1%	8%	5%	7%	6%	4%	5%
45–54	86%	13%	9%	10%	7%	7%	5%	2%	4%	6%	7%	6%	6%
55–59	82%	9%	10%	3%	9%	6%	7%	3%	9%	5%	3%	5%	1%
60–64	85%	8%	7%	2%	7%	5%	3%	---	2%	3%	2%	2%	5%
65+	78%	10%	13%	10%	9%	2%	7%	---	5%	5%	3%	4%	4%

⁷ Compared to the May 2002 survey, questions 7 and 10, “If you were instructed to evacuate, what actions would you take and how would you know where to go?” and question 8, “What actions would you take to evacuate and how would you know where to go?” These questions have been aggregated since October 2002 and the second part of the question, “How would you know where to go?” has been excluded so that it was not a double-barreled question.

⁸ Multiple responses were accepted for this question.



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	Leave home or workplace	Follow instructions/Do what told	Evacuate toward a pre-planned destination	Follow a pre-planned route to evacuate	Follow a pre-planned direction to evacuate	Check wind direction	Get personal items	Get kids/Go to school for kids	Don't know	Await instructions/ Listen for help	Listen to television, radio, or tone alert radio for correct evacuation route	Wait for or contact family members before leaving	Locate/Collect pets
Respondent Gender													
Male	84%	14%	9%	7%	8%	10%	7%	4%	3%	7%	6%	5%	2%
Female	83%	9%	10%	7%	6%	4%	6%	6%	7%	4%	4%	4%	5%
Respondent Ethnicity													
Caucasian	84%	11%	10%	7%	6%	6%	5%	5%	5%	5%	5%	4%	4%
Hispanic	74%	8%	7%	4%	3%	3%	9%	5%	11%	4%	5%	4%	---
Other/Refused	86%	10%	8%	14%	13%	13%	10%	6%	3%	3%	3%	7%	8%
Respondent Time Living in Area													
5 years or less	86%	11%	5%	5%	3%	9%	5%	9%	7%	5%	4%	3%	6%
6–10 years	82%	8%	7%	8%	7%	4%	10%	3%	6%	4%	4%	5%	4%
11–15 years	83%	17%	12%	6%	5%	10%	10%	6%	2%	5%	7%	4%	4%
16–20 years	89%	6%	13%	4%	14%	1%	6%	10%	4%	4%	3%	1%	6%
More than 20 years	81%	11%	11%	8%	6%	6%	4%	3%	6%	6%	5%	6%	2%



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	Leave home or workplace	Follow instructions/Do what told	Evacuate toward a pre-planned destination	Follow a pre-planned route to evacuate	Follow a pre-planned direction to evacuate	Check wind direction	Get personal items	Get kids/Go to school for kids	Don't know	Await instructions/ Listen for help	Listen to television, radio, or tone alert radio for correct evacuation route	Wait for or contact family members before leaving	Locate/Collect pets
Respondent has Internet Access													
Yes	85%	12%	9%	8%	6%	7%	6%	6%	5%	6%	6%	5%	4%
No	81%	9%	10%	5%	7%	4%	5%	5%	7%	3%	3%	3%	4%
Respondent State													
Oregon	83%	11%	9%	7%	6%	6%	6%	5%	5%	5%	5%	4%	4%
Washington	83%	10%	13%	13%	13%	7%	7%	7%	3%	---	7%	13%	3%
Respondent County													
Benton	83%	10%	13%	13%	13%	7%	7%	7%	3%	---	7%	13%	3%
Morrow	85%	9%	9%	16%	12%	6%	9%	7%	3%	1%	3%	6%	9%
Umatilla	83%	11%	9%	6%	6%	6%	6%	5%	6%	6%	5%	4%	3%
Respondent City													
Boardman	83%	11%	8%	15%	9%	8%	8%	8%	4%	4%	3%	7%	8%
Echo	81%	22%	11%	7%	4%	4%	---	4%	11%	7%	4%	4%	---



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	Leave home or workplace	Follow instructions/Do what told	Evacuate toward a pre-planned destination	Follow a pre-planned route to evacuate	Follow a pre-planned direction to evacuate	Check wind direction	Get personal items	Get kids/Go to school for kids	Don't know	Await instructions/ Listen for help	Listen to television, radio, or tone alert radio for correct evacuation route	Wait for or contact family members before leaving	Locate/Collect pets
Hermiston	85%	11%	8%	6%	7%	5%	6%	5%	5%	5%	5%	4%	4%
Irrigon	77%	9%	20%	4%	3%	6%	6%	4%	13%	6%	3%	4%	4%
Stanfield	90%	12%	12%	10%	6%	2%	12%	2%	2%	2%	2%	2%	2%
Umatilla	79%	8%	7%	7%	7%	15%	2%	6%	4%	6%	7%	6%	3%
Paterson/Plymouth	83%	10%	13%	13%	13%	7%	7%	7%	3%	---	7%	13%	3%
Respondent ZIP Code													
97818	85%	9%	9%	16%	12%	6%	9%	7%	3%	1%	3%	6%	9%
97826	82%	25%	11%	7%	4%	4%	---	4%	11%	11%	4%	4%	---
97838	83%	10%	8%	6%	7%	5%	6%	6%	5%	5%	5%	4%	3%
97844	66%	11%	17%	6%	3%	14%	11%	3%	11%	6%	---	9%	6%
97875	93%	15%	12%	12%	7%	2%	17%	---	2%	2%	---	7%	2%
97882	84%	10%	11%	6%	4%	10%	3%	5%	6%	6%	6%	4%	4%



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	Leave home or workplace	Follow instructions/Do what told	Evacuate toward a pre-planned destination	Follow a pre-planned route to evacuate	Follow a pre-planned direction to evacuate	Check wind direction	Get personal items	Get kids/Go to school for kids	Don't know	Await instructions/ Listen for help	Listen to television, radio, or tone alert radio for correct evacuation route	Wait for or contact family members before leaving	Locate/Collect pets
Respondent has a Shelter-in-Place Kit at Home and/or Work													
Yes	84%	12%	9%	8%	7%	7%	7%	5%	4%	5%	5%	4%	4%
No/Don't know	80%	7%	10%	6%	4%	2%	4%	6%	9%	6%	4%	5%	3%
Respondent knows the Difference between the Siren Sounds													
Yes	84%	11%	10%	8%	7%	7%	6%	4%	4%	5%	6%	4%	4%
No	82%	11%	9%	6%	6%	6%	6%	7%	6%	5%	3%	4%	4%
Respondent Trust and Control Category													
Participants	84%	11%	9%	9%	8%	7%	7%	5%	4%	6%	6%	4%	4%
Believers	81%	12%	8%	5%	6%	3%	4%	9%	8%	6%	2%	5%	2%
Watchdogs	85%	5%	9%	4%	3%	3%	6%	9%	10%	---	---	4%	3%
Cynics	84%	6%	10%	6%	3%	7%	4%	4%	6%	3%	2%	9%	3%



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8. In the event of an evacuation, do you have a pre-planned direction, route, or destination?^{9,10}

	Yes, direction	Yes, destination	Yes, route	Total "yes" responses ¹¹	No, none
Total Sample	42%	38%	27%	69%	31%
Respondent Age					
18–29	27%	33%	15%	54%	46%
30–34	42%	42%	34%	68%	32%
35–44	39%	38%	28%	70%	30%
45–54	51%	43%	32%	75%	25%
55–59	40%	29%	19%	70%	30%
60–64	52%	46%	24%	77%	23%
65+	47%	38%	30%	71%	29%
Respondent Gender					
Male	50%	38%	30%	73%	27%
Female	38%	39%	25%	66%	34%
Respondent Ethnicity					
Caucasian	45%	40%	27%	71%	29%
Hispanic	28%	31%	22%	59%	41%
Other/Refused	39%	35%	25%	67%	33%

⁹ This question was added in October 2002. In October 2002 only those residents who said they would leave in the event of an evacuation were asked this question. In the June 2003 and May 2004 surveys, all the respondents were asked this question. In addition, specific responses for “yes, direction,” “yes, route,” and “yes, destination” were added as responses to this question.

¹⁰ Multiple responses were accepted for this question.

¹¹ Total “yes” responses include affirmative responses to pre-planned direction, route or destination. Due to the acceptance of multiple responses, the total “yes” responses may not equal the sum of affirmative pre-planned direction, route and destination responses.



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	Yes, direction	Yes, destination	Yes, route	Total "yes" responses ¹¹	No, none
Respondent Time Living in Area					
5 years or less	35%	25%	21%	58%	42%
6–10 years	41%	43%	28%	71%	29%
11–15 years	37%	41%	20%	69%	31%
16–20 years	50%	44%	26%	77%	23%
More than 20 years	46%	40%	30%	71%	29%
Respondent has Internet Access					
Yes	46%	38%	29%	71%	29%
No	35%	38%	21%	65%	35%
Respondent State					
Oregon	42%	39%	27%	69%	31%
Washington	40%	33%	30%	80%	20%
Respondent County					
Benton	40%	33%	30%	80%	20%
Morrow	49%	40%	31%	87%	13%
Umatilla	42%	38%	26%	67%	33%
Respondent City					
Boardman	43%	41%	28%	81%	19%
Echo	48%	44%	30%	74%	26%
Hermiston	41%	37%	24%	66%	34%
Irrigon	46%	37%	30%	70%	30%
Stanfield	49%	47%	41%	78%	22%
Umatilla	40%	37%	25%	63%	37%
Paterson/Plymouth	40%	33%	30%	80%	20%



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	Yes, direction	Yes, destination	Yes, route	Total "yes" responses ¹¹	No, none
Respondent ZIP Code					
97818	49%	40%	31%	87%	13%
97826	50%	43%	29%	75%	25%
97838	40%	37%	25%	66%	34%
97844	54%	46%	40%	80%	20%
97875	56%	49%	41%	78%	22%
97882	38%	36%	22%	62%	38%
Respondent has a Shelter-in-Place Kit at Home and/or Work					
Yes	46%	40%	29%	72%	28%
No/Don't know	31%	32%	20%	60%	40%
Respondent knows the Difference between the Siren Sounds					
Yes	47%	41%	29%	74%	26%
No	38%	36%	24%	64%	36%
Respondent Trust and Control Category					
Participants	46%	40%	28%	72%	28%
Believers	36%	30%	20%	60%	40%
Watchdogs	41%	44%	27%	70%	30%
Cynics	39%	35%	27%	65%	35%



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Pre-planned Direction as a response to Question 8¹²

Base=Respondents who indicated in question 8 that they have a pre-planned direction in the event of an evacuation (n=345)

	East	South	West	North	Depends on wind direction
Total Sample	34%	18%	18%	11%	10%
Respondent Age					
18–29	33%	14%	16%	15%	8%
30–34	28%	21%	28%	14%	7%
35–44	35%	25%	7%	16%	8%
45–54	34%	12%	21%	12%	10%
55–59	25%	16%	16%	6%	16%
60–64	41%	22%	16%	9%	9%
65+	35%	19%	21%	5%	10%
Respondent Gender					
Male	26%	19%	16%	14%	16%
Female	40%	16%	19%	9%	5%
Respondent Ethnicity					
Caucasian	33%	18%	18%	11%	10%
Hispanic	30%	19%	19%	15%	7%
Other/Refused	45%	12%	16%	14%	12%
Respondent Time Living in Area					
5 years or less	35%	21%	16%	18%	12%
6–10 years	23%	22%	20%	11%	16%

¹² Multiple responses were accepted for this question.



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	East	South	West	North	Depends on wind direction
11–15 years	29%	6%	29%	11%	10%
16–20 years	35%	13%	18%	15%	3%
More than 20 years	38%	18%	15%	8%	9%
Respondent has Internet Access					
Yes	34%	17%	18%	12%	12%
No	33%	20%	16%	10%	6%
Respondent State					
Oregon	34%	18%	17%	11%	10%
Washington	---	8%	25%	50%	17%
Respondent County					
Benton	---	8%	25%	50%	17%
Morrow	3%	12%	64%	3%	12%
Umatilla	38%	18%	12%	11%	10%
Respondent City					
Boardman	---	9%	72%	3%	13%
Echo	38%	46%	8%	---	---
Hermiston	39%	21%	6%	13%	8%
Irrigon	16%	6%	56%	3%	13%
Stanfield	67%	17%	---	---	8%
Umatilla	33%	8%	11%	19%	22%
Paterson/Plymouth	---	8%	25%	50%	17%
Respondent ZIP Code					
97818	3%	12%	64%	3%	12%
97826	36%	50%	7%	---	---



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	East	South	West	North	Depends on wind direction
97838	40%	21%	6%	13%	8%
97844	16%	---	63%	11%	11%
97875	61%	17%	---	---	9%
97882	27%	6%	27%	14%	20%
Respondent has a Shelter-in-Place Kit at Home and/or Work					
Yes	34%	19%	19%	9%	10%
No/Don't know	34%	13%	12%	21%	11%
Respondent knows the Difference between the Siren Sounds					
Yes	31%	17%	18%	11%	11%
No	37%	18%	16%	12%	9%
Respondent Trust and Control Category					
Participants	33%	18%	15%	12%	9%
Believers	37%	24%	18%	11%	8%
Watchdogs	25%	11%	33%	9%	20%
Cynics	37%	15%	15%	11%	7%



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Pre-planned Route as a response to Question 8¹³

Base=Respondents who indicated in question 8 that they have a pre-planned route in the event of an evacuation (n=217)

	I-84	Highway/ Freeway (general)
Total Sample	28%	17%
Respondent Age		
18–29	34%	20%
30–34	21%	17%
35–44	20%	23%
45–54	24%	16%
55–59	20%	20%
60–64	47%	13%
65+	39%	10%
Respondent Gender		
Male	30%	12%
Female	27%	21%
Respondent Ethnicity		
Caucasian	27%	15%
Hispanic	38%	33%
Other/Refused	31%	13%
Respondent Time Living in Area		
5 years or less	33%	20%
6–10 years	31%	17%

¹³ Multiple responses were accepted for this question.



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	I-84	Highway/ Freeway (general)
11–15 years	18%	18%
16–20 years	29%	14%
More than 20 years	28%	16%
Respondent has Internet Access		
Yes	29%	16%
No	25%	18%
Respondent State		
Oregon	29%	17%
Washington	---	11%
Respondent County		
Benton	---	11%
Morrow	43%	19%
Umatilla	27%	17%
Respondent City		
Boardman	43%	19%
Echo	13%	25%
Hermiston	22%	17%
Irrigon	38%	14%
Stanfield	30%	15%
Umatilla	45%	14%
Paterson/Plymouth	---	11%



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	I-84	Highway/ Freeway (general)
Respondent ZIP Code		
97818	43%	19%
97826	13%	25%
97838	24%	16%
97844	57%	14%
97875	29%	18%
97882	31%	17%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	32%	15%
No/Don't know	11%	26%
Respondent knows the Difference between the Siren Sounds		
Yes	28%	15%
No	29%	19%
Respondent Trust and Control Category		
Participants	25%	19%
Believers	42%	9%
Watchdogs	28%	17%
Cynics	32%	5%



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Pre-planned Destination as a response to Question 8¹⁴

Base=Respondents who indicated in question 8 that they have a pre-planned destination in the event of an evacuation (n=312)

	Pendleton	Portland
Total Sample	20%	10%
Respondent Age		
18–29	21%	14%
30–34	17%	20%
35–44	16%	7%
45–54	18%	7%
55–59	26%	4%
60–64	36%	4%
65+	19%	15%
Respondent Gender		
Male	20%	7%
Female	21%	12%
Respondent Ethnicity		
Caucasian	21%	10%
Hispanic	14%	14%
Other/Refused	18%	9%
Respondent Time Living in Area		
5 years or less	16%	16%
6–10 years	15%	15%
11–15 years	26%	6%

¹⁴ Multiple responses were accepted for this question.



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	Pendleton	Portland
16–20 years	20%	11%
More than 20 years	22%	7%
Respondent has Internet Access		
Yes	18%	13%
No	24%	4%
Respondent State		
Oregon	21%	10%
Washington	---	20%
Respondent County		
Benton	---	20%
Morrow	4%	33%
Umatilla	22%	8%
Respondent City		
Boardman	6%	32%
Echo	25%	---
Hermiston	25%	3%
Irrigon	4%	50%
Stanfield	39%	---
Umatilla	9%	6%
Paterson/Plymouth	---	20%
Respondent ZIP Code		
97818	4%	33%
97826	25%	---
97838	25%	2%



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	Pendleton	Portland
97844	6%	50%
97875	35%	---
97882	11%	19%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	23%	9%
No/Don't know	9%	16%
Respondent knows the Difference between the Siren Sounds		
Yes	23%	9%
No	17%	11%
Respondent Trust and Control Category		
Participants	25%	9%
Believers	9%	13%
Watchdogs	17%	14%
Cynics	8%	13%



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9. In the event of an evacuation, do you know which reception or assistance center you should go to?¹⁵

	Yes	No
Total Sample	15%	85%
Respondent Age		
18–29	10%	90%
30–34	12%	88%
35–44	18%	82%
45–54	18%	82%
55–59	19%	81%
60–64	7%	93%
65+	16%	84%
Respondent Gender		
Male	17%	83%
Female	14%	86%
Respondent Ethnicity		
Caucasian	15%	85%
Hispanic	16%	84%
Other/Refused	11%	89%
Respondent Time Living in Area		
5 years or less	10%	90%
6–10 years	14%	86%
11–15 years	22%	78%

¹⁵ Compared to the survey in June 2001, *Moore Information Umatilla Area Residents* Question 10, “In the event of an evacuation, do you know which shelter or *reception area* you should go to?”



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	Yes	No
16–20 years	16%	84%
More than 20 years	16%	84%
Respondent has Internet Access		
Yes	16%	84%
No	14%	86%
Respondent State		
Oregon	15%	85%
Washington	50%	50%
Respondent County		
Benton	50%	50%
Morrow	21%	79%
Umatilla	14%	86%
Respondent City		
Boardman	24%	76%
Echo	22%	78%
Hermiston	12%	88%
Irrigon	16%	84%
Stanfield	16%	84%
Umatilla	17%	83%
Paterson/Plymouth	50%	50%
Respondent ZIP Code		
97818	21%	79%
97826	21%	79%
97838	12%	88%



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	Yes	No
97844	23%	77%
97875	17%	83%
97882	16%	84%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	17%	83%
No/Don't know	8%	92%
Respondent knows the Difference between the Siren Sounds		
Yes	20%	80%
No	10%	90%
Respondent Trust and Control Category		
Participants	18%	82%
Believers	8%	92%
Watchdogs	16%	84%
Cynics	10%	90%



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10. How would you know it would be safe to stop sheltering-in-place?^{16,17}

Base=Respondents in Oregon (n=784)

	Tone alert radio	AM/FM radio	Don't know	Television	Siren, loudspeaker, or all-clear signal
Total Sample	49%	43%	17%	7%	5%
Respondent Age					
18–29	45%	32%	27%	5%	2%
30–34	51%	43%	20%	10%	3%
35–44	47%	45%	19%	7%	8%
45–54	57%	54%	8%	6%	4%
55–59	43%	45%	14%	9%	4%
60–64	56%	39%	13%	2%	7%
65+	43%	35%	21%	8%	8%
Respondent Gender					
Male	49%	43%	16%	8%	4%
Female	49%	42%	19%	6%	6%
Respondent Ethnicity					
Caucasian	52%	46%	14%	7%	5%
Hispanic	30%	28%	35%	9%	3%
Other/Refused	42%	35%	26%	2%	6%
Respondent Time Living in Area					
5 years or less	43%	34%	23%	10%	7%
6–10 years	47%	42%	18%	4%	6%
11–15 years	39%	40%	24%	6%	5%

¹⁶ This question was asked only of Oregon residents.

¹⁷ Multiple responses were accepted for this question.



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	Tone alert radio	AM/FM radio	Don't know	Television	Siren, loudspeaker, or all-clear signal
16–20 years	49%	53%	11%	4%	4%
More than 20 years	54%	45%	15%	7%	4%
Respondent has Internet Access					
Yes	52%	48%	16%	7%	5%
No	42%	31%	20%	6%	5%
Respondent State					
Oregon	49%	43%	17%	7%	5%
Washington	N/A	N/A	N/A	N/A	N/A
Respondent County					
Benton	N/A	N/A	N/A	N/A	N/A
Morrow	55%	39%	18%	7%	4%
Umatilla	48%	43%	17%	7%	5%
Respondent City					
Boardman	55%	40%	20%	8%	4%
Echo	41%	56%	7%	11%	11%
Hermiston	48%	43%	18%	6%	5%
Irrigon	53%	36%	11%	6%	4%
Stanfield	37%	33%	20%	6%	4%
Umatilla	55%	47%	17%	8%	7%
Paterson/ Plymouth	N/A	N/A	N/A	N/A	N/A
Respondent ZIP Code					
97818	55%	39%	18%	7%	4%
97826	43%	57%	7%	14%	11%
97838	48%	44%	18%	7%	4%



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	Tone alert radio	AM/FM radio	Don't know	Television	Siren, loudspeaker, or all-clear signal
97844	60%	37%	6%	6%	3%
97875	37%	32%	17%	2%	10%
97882	50%	42%	22%	5%	7%
Respondent has a Shelter-in-Place Kit at Home and/or Work					
Yes	55%	47%	13%	7%	5%
No/Don't know	26%	26%	34%	6%	7%
Respondent knows the Difference between the Siren Sounds					
Yes	55%	48%	12%	7%	5%
No	42%	37%	23%	6%	5%
Respondent Trust and Control Category					
Participants	55%	49%	11%	8%	5%
Believers	33%	32%	32%	4%	8%
Watchdogs	47%	35%	17%	8%	5%
Cynics	29%	26%	45%	1%	3%

11. How would you know it would be safe to return to your home after an evacuation?^{18,19}

A cross tabulation table for question 11 is not included in this document due to the small sample size (less than 30 respondents) of each response category for this question.

¹⁸ This question was asked only of Washington residents.

¹⁹ Multiple responses were accepted for this question.



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12. If a chemical accident occurred at the Umatilla Chemical Depot, where do you think you would get instructions on how to protect yourself and your family when you hear the warning signals?²⁰

	Tone alert radio	AM/FM radio	Television	Siren/Loudspeaker	Don't know	Emergency alert system
Total Sample	59%	41%	16%	13%	7%	5%
Respondent Age						
18–29	56%	29%	11%	18%	10%	3%
30–34	63%	42%	20%	12%	7%	6%
35–44	60%	44%	19%	17%	3%	7%
45–54	63%	48%	17%	13%	5%	4%
55–59	57%	45%	19%	9%	5%	9%
60–64	67%	44%	10%	16%	5%	2%
65+	54%	38%	14%	8%	11%	3%
Respondent Gender						
Male	59%	42%	13%	16%	7%	5%
Female	60%	41%	17%	12%	6%	5%
Respondent Ethnicity						
Caucasian	63%	43%	17%	13%	5%	5%
Hispanic	47%	25%	12%	17%	14%	4%
Other/Refused	44%	53%	16%	10%	12%	3%
Respondent Time Living in Area						
5 years or less	55%	30%	16%	11%	7%	5%
6–10 years	54%	36%	12%	17%	7%	5%
11–15 years	53%	46%	18%	14%	8%	3%

²⁰ Multiple responses were accepted for this question.



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	Tone alert radio	AM/FM radio	Television	Siren/Loudspeaker	Don't know	Emergency alert system
16–20 years	54%	35%	11%	11%	14%	4%
More than 20 years	66%	49%	18%	13%	4%	5%
Respondent has Internet Access						
Yes	62%	44%	16%	15%	5%	6%
No	53%	36%	17%	9%	11%	3%
Respondent State						
Oregon	60%	42%	16%	14%	7%	5%
Washington	47%	33%	13%	7%	13%	7%
Respondent County						
Benton	47%	33%	13%	7%	13%	7%
Morrow	57%	39%	15%	15%	12%	6%
Umatilla	60%	42%	16%	13%	6%	5%
Respondent City						
Boardman	60%	37%	19%	15%	8%	8%
Echo	41%	44%	7%	19%	11%	7%
Hermiston	59%	41%	15%	13%	7%	5%
Irrigon	64%	47%	17%	13%	7%	4%
Stanfield	53%	53%	16%	12%	2%	4%
Umatilla	70%	37%	20%	15%	6%	3%
Paterson/ Plymouth	47%	33%	13%	7%	13%	7%
Respondent ZIP Code						
97818	57%	39%	15%	15%	12%	6%
97826	43%	46%	11%	18%	11%	7%
97838	59%	42%	15%	13%	6%	5%



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	Tone alert radio	AM/FM radio	Television	Siren/Loudspeaker	Don't know	Emergency alert system
97844	69%	37%	20%	11%	11%	6%
97875	51%	51%	10%	17%	5%	2%
97882	68%	40%	22%	15%	3%	2%
Respondent has a Shelter-in-Place Kit at Home and/or Work						
Yes	63%	43%	15%	14%	5%	5%
No/Don't know	47%	37%	18%	13%	11%	3%
Respondent knows the Difference between the Siren Sounds						
Yes	60%	42%	14%	15%	5%	6%
No	59%	41%	17%	12%	8%	4%
Respondent Trust and Control Category						
Participants	63%	45%	14%	14%	5%	5%
Believers	54%	39%	24%	12%	7%	3%
Watchdogs	56%	41%	24%	21%	4%	7%
Cynics	50%	27%	12%	10%	14%	6%



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13. In the event of a chemical emergency at the Umatilla Chemical Depot, do you or your family have an emergency plan?²¹

	Yes	No/Don't know
Total Sample	49%	51%
Respondent Age		
18–29	31%	69%
30–34	48%	52%
35–44	51%	49%
45–54	59%	41%
55–59	51%	49%
60–64	51%	49%
65+	46%	54%
Respondent Gender		
Male	53%	47%
Female	46%	54%
Respondent Ethnicity		
Caucasian	50%	50%
Hispanic	35%	65%
Other/Refused	51%	49%
Respondent Time Living in Area		
5 years or less	40%	60%
6–10 years	54%	46%
11–15 years	42%	58%

²¹ From October 2000 to October 2002 the question was worded, “Do you or your family have an emergency plan?” In the June 2001 survey, the question was worded, “Do you or your family have an emergency plan instructing family members on what to do and where to go in the event that you are asked to evacuate?”



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	Yes	No/Don't know
16–20 years	53%	47%
More than 20 years	51%	49%
Respondent has Internet Access		
Yes	51%	49%
No	43%	57%
Respondent State		
Oregon	48%	52%
Washington	53%	47%
Respondent County		
Benton	53%	47%
Morrow	48%	52%
Umatilla	49%	51%
Respondent City		
Boardman	45%	55%
Echo	56%	44%
Hermiston	49%	51%
Irrigon	51%	49%
Stanfield	59%	41%
Umatilla	39%	61%
Paterson/Plymouth	53%	47%
Respondent ZIP Code		
97818	48%	52%
97826	54%	46%
97838	47%	53%



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	Yes	No/Don't know
97844	66%	34%
97875	68%	32%
97882	42%	58%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	55%	45%
No/Don't know	26%	74%
Respondent knows the Difference between the Siren Sounds		
Yes	61%	39%
No	35%	65%
Respondent Trust and Control Category		
Participants	58%	42%
Believers	18%	82%
Watchdogs	53%	47%
Cynics	26%	74%



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14. Does your home or business have a shelter-in-place kit?

	Yes, home	Yes, business	Yes, both	No, neither/ Don't know
Total Sample	47%	7%	24%	22%
Respondent Age				
18–29	38%	8%	18%	36%
30–34	52%	4%	25%	19%
35–44	39%	5%	29%	27%
45–54	44%	9%	34%	14%
55–59	47%	8%	26%	19%
60–64	53%	8%	26%	13%
65+	64%	4%	8%	24%
Respondent Gender				
Male	46%	9%	23%	22%
Female	48%	5%	25%	22%
Respondent Ethnicity				
Caucasian	47%	7%	26%	20%
Hispanic	42%	4%	15%	38%
Other/Refused	52%	6%	14%	27%
Respondent Time Living in Area				
5 years or less	33%	8%	19%	40%
6–10 years	50%	5%	30%	15%
11–15 years	47%	9%	18%	26%
16–20 years	46%	10%	26%	18%
More than 20 years	52%	6%	24%	18%



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	Yes, home	Yes, business	Yes, both	No, neither/ Don't know
Respondent has Internet Access				
Yes	45%	7%	28%	20%
No	52%	5%	15%	28%
Respondent State				
Oregon	47%	7%	24%	22%
Washington	43%	7%	23%	27%
Respondent County				
Benton	43%	7%	23%	27%
Morrow	51%	7%	19%	22%
Umatilla	47%	7%	24%	22%
Respondent City				
Boardman	44%	9%	24%	23%
Echo	48%	4%	19%	30%
Hermiston	47%	7%	23%	23%
Irrigon	47%	9%	31%	13%
Stanfield	59%	---	18%	22%
Umatilla	42%	4%	28%	26%
Paterson/Plymouth	43%	7%	23%	27%
Respondent ZIP Code				
97818	51%	7%	19%	22%
97826	50%	4%	18%	29%
97838	46%	7%	24%	23%
97844	49%	9%	34%	9%
97875	66%	---	20%	15%
97882	42%	6%	27%	25%



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	Yes, home	Yes, business	Yes, both	No, neither/ Don't know
Respondent has a Shelter-in-Place Kit at Home and/or Work				
Yes	61%	9%	31%	---
No/Don't know	---	---	---	100%
Respondent knows the Difference between the Siren Sounds				
Yes	47%	8%	29%	16%
No	47%	5%	18%	29%
Respondent Trust and Control Category				
Participants	49%	7%	29%	16%
Believers	40%	7%	13%	40%
Watchdogs	50%	7%	16%	27%
Cynics	33%	7%	22%	38%



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15. How confident are you that you know how to shelter-in-place, and make a room safe from chemical vapors in the event of a chemical emergency?

	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
Total Sample	37%	34%	13%	13%	3%	71%	27%
Respondent Age							
18–29	18%	47%	19%	14%	2%	65%	33%
30–34	28%	37%	19%	12%	4%	65%	30%
35–44	37%	33%	12%	16%	2%	70%	28%
45–54	46%	31%	12%	11%	---	78%	22%
55–59	45%	28%	8%	12%	6%	74%	20%
60–64	45%	31%	11%	13%	---	76%	24%
65+	36%	30%	13%	16%	5%	66%	28%
Respondent Gender							
Male	47%	26%	9%	14%	3%	74%	23%
Female	30%	39%	16%	13%	3%	69%	29%



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	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
Respondent Ethnicity							
Caucasian	41%	34%	12%	12%	2%	74%	23%
Hispanic	14%	42%	22%	17%	5%	55%	39%
Other/Refused	30%	26%	16%	25%	3%	56%	40%
Respondent Time Living in Area							
5 years or less	29%	36%	16%	16%	3%	65%	31%
6–10 years	40%	32%	11%	15%	1%	72%	26%
11–15 years	32%	39%	15%	9%	5%	71%	24%
16–20 years	41%	29%	13%	15%	3%	70%	28%
More than 20 years	38%	34%	13%	12%	3%	72%	25%
Respondent has Internet Access							
Yes	40%	35%	12%	11%	2%	75%	24%
No	29%	33%	16%	17%	5%	62%	33%
Respondent State							
Oregon	37%	34%	13%	13%	3%	71%	26%
Washington	30%	30%	17%	23%	---	60%	40%



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	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
Respondent County							
Benton	30%	30%	17%	23%	---	60%	40%
Morrow	40%	27%	18%	12%	3%	67%	30%
Umatilla	36%	35%	13%	13%	3%	71%	26%
Respondent City							
Boardman	36%	27%	20%	15%	3%	63%	35%
Echo	41%	37%	7%	15%	---	78%	22%
Hermiston	35%	35%	14%	13%	4%	69%	27%
Irrigon	50%	31%	11%	7%	---	81%	19%
Stanfield	31%	37%	10%	20%	2%	67%	31%
Umatilla	40%	37%	9%	12%	1%	78%	21%
Paterson/Plymouth	30%	30%	17%	23%	---	60%	40%
Respondent ZIP Code							
97818	40%	27%	18%	12%	3%	67%	30%
97826	39%	36%	11%	14%	---	75%	25%
97838	35%	36%	13%	12%	4%	70%	26%



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	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
97844	46%	40%	9%	6%	---	86%	14%
97875	34%	27%	15%	24%	---	61%	39%
97882	40%	32%	12%	15%	2%	72%	26%
Respondent has a Shelter-in-Place Kit at Home and/or Work							
Yes	43%	36%	12%	8%	2%	78%	20%
No/Don't know	15%	28%	19%	31%	7%	43%	50%
Respondent knows the Difference between the Siren Sounds							
Yes	48%	32%	10%	9%	1%	80%	19%
No	24%	36%	17%	18%	4%	61%	35%
Respondent Trust and Control Category							
Participants	49%	37%	8%	5%	1%	86%	13%
Believers	11%	30%	30%	29%	---	41%	59%
Watchdogs	35%	36%	13%	10%	6%	70%	24%
Cynics	6%	14%	24%	48%	7%	20%	73%



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16. Do you have children in a local school in grades K–12?

	Yes	No/Refused
Total Sample	31%	69%
Respondent Age		
18–29	24%	76%
30–34	69%	31%
35–44	65%	35%
45–54	33%	68%
55–59	7%	93%
60–64	5%	95%
65+	4%	96%
Respondent Gender		
Male	30%	69%
Female	31%	69%
Respondent Ethnicity		
Caucasian	27%	73%
Hispanic	57%	43%
Other/Refused	29%	71%
Respondent Time Living in Area		
5 years or less	28%	73%
6–10 years	39%	61%
11–15 years	40%	60%
16–20 years	36%	94%
More than 20 years	25%	74%



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	Yes	No/Refused
Respondent has Internet Access		
Yes	33%	66%
No	26%	73%
Respondent State		
Oregon	31%	69%
Washington	27%	73%
Respondent County		
Benton	27%	73%
Morrow	30%	70%
Umatilla	31%	68%
Respondent City		
Boardman	33%	67%
Echo	26%	74%
Hermiston	30%	70%
Irrigon	37%	62%
Stanfield	29%	71%
Umatilla	34%	66%
Paterson/Plymouth	27%	73%
Respondent ZIP Code		
97818	30%	70%
97826	25%	75%
97838	30%	70%
97844	34%	66%
97875	22%	78%
97882	39%	61%



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	Yes	No/Refused
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	30%	70%
No/Don't know	35%	66%
Respondent knows the Difference between the Siren Sounds		
Yes	32%	69%
No	30%	70%
Respondent Trust and Control Category		
Participants	29%	70%
Believers	32%	68%
Watchdogs	43%	57%
Cynics	27%	73%

17. What schools do they attend?²²

A cross tabulation table for question 17 is not included in this document due to the small sample size (less than 30 respondents) of each response category for this question.

²² Multiple responses were accepted for this question.



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18. In the event of a chemical accident, students in non-overpressurized schools will be bused to a safe location, where parents can pick up their children. Do you know the location where your child will be bused to safety?²³

Base=Respondents with children in a non-overpressurized school (n=49)

	Yes	No
Total Sample	54%	46%
Respondent Age		
18–29	25%	75%
30–34	75%	25%
35–44	59%	41%
45–54	38%	62%
55–59	---	100%
60–64	---	---
65+	100%	---
Respondent Gender		
Male	53%	47%
Female	55%	45%
Respondent Ethnicity		
Caucasian	55%	45%
Hispanic	44%	56%
Other/Refused	100%	---
Respondent Time Living in Area		
5 years or less	67%	33%
6–10 years	61%	39%

²³ This question was only asked of respondents with children in a non-overpressurized school. Although 53 respondents indicated they have children in a non-overpressurized school, only 49 answered this question.



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	Yes	No
11–15 years	60%	40%
16–20 years	---	100%
More than 20 years	47%	53%
Respondent has Internet Access		
Yes	61%	39%
No	36%	64%
Respondent State		
Oregon	54%	46%
Washington	33%	67%
Respondent County		
Benton	33%	67%
Morrow	60%	40%
Umatilla	52%	48%
Respondent City		
Boardman	67%	33%
Echo	83%	17%
Hermiston	29%	71%
Irrigon	40%	60%
Stanfield	57%	43%
Umatilla	---	100%
Paterson/Plymouth	33%	67%
Respondent ZIP Code		
97818	60%	40%
97826	83%	17%



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	Yes	No
97838	25%	75%
97844	33%	67%
97875	57%	43%
97882	57%	43%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	57%	43%
No/Don't know	44%	56%
Respondent knows the Difference between the Siren Sounds		
Yes	64%	36%
No	32%	68%
Respondent Trust and Control Category		
Participants	62%	38%
Believers	27%	73%
Watchdogs	67%	33%
Cynics	---	100%



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19. In the event of a chemical emergency at the Umatilla Chemical Depot, are you likely or unlikely to go to the school to get your child/children?²⁴

Base=Respondents who indicated which schools their children attend (n=228)

	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely	Don't know	Total "likely" responses	Total "unlikely" responses
Total Sample	25%	8%	13%	51%	3%	33%	64%
Respondent Age							
18–29	36%	4%	12%	44%	4%	40%	56%
30–34	25%	11%	14%	48%	2%	36%	61%
35–44	26%	4%	13%	53%	4%	30%	66%
45–54	21%	5%	14%	57%	2%	27%	71%
55–59	29%	---	---	42%	29%	29%	42%
60–64	33%	67%	---	---	---	100%	---
65+	---	40%	20%	40%	---	40%	60%
Respondent Gender							
Male	29%	9%	16%	43%	3%	38%	59%
Female	23%	7%	12%	56%	4%	29%	67%
Respondent Ethnicity							
Caucasian	19%	9%	15%	52%	4%	28%	68%
Hispanic	46%	2%	8%	42%	2%	48%	50%
Other/Refused	21%	7%	7%	64%	---	29%	71%

²⁴ This question was asked of respondents who indicated which schools their children attend, excluding home school. 229 respondents indicated which schools their children attend, but only 228 answered this question.



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	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely	Don't know	Total "likely" responses	Total "unlikely" responses
Respondent Time Living in Area							
5 years or less	42%	6%	9%	38%	6%	48%	46%
6–10 years	27%	6%	17%	47%	3%	33%	64%
11–15 years	22%	6%	3%	66%	3%	28%	69%
16–20 years	16%	4%	12%	64%	4%	20%	76%
More than 20 years	22%	10%	17%	49%	2%	32%	66%
Respondent has Internet Access							
Yes	22%	7%	13%	55%	3%	29%	68%
No	36%	8%	15%	37%	3%	44%	53%
Respondent State							
Oregon	25%	8%	13%	51%	3%	33%	64%
Washington	50%	---	---	25%	25%	50%	25%
Respondent County							
Benton	50%	---	---	25%	25%	50%	25%
Morrow	31%	13%	13%	44%	---	44%	56%
Umatilla	25%	7%	13%	51%	3%	32%	65%
Respondent City							
Boardman	37%	16%	11%	37%	---	53%	47%
Echo	14%	---	29%	43%	14%	14%	71%
Hermiston	24%	9%	14%	52%	2%	33%	65%
Irrigon	24%	---	12%	60%	4%	24%	72%
Stanfield	33%	17%	25%	25%	---	50%	50%
Umatilla	21%	---	7%	61%	11%	21%	68%
Paterson/Plymouth	50%	---	---	25%	25%	50%	25%



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	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely	Don't know	Total "likely" responses	Total "unlikely" responses
Respondent ZIP Code							
97818	31%	13%	13%	44%	---	44%	56%
97826	14%	---	29%	43%	14%	14%	71%
97838	24%	9%	13%	51%	2%	33%	65%
97844	30%	---	20%	50%	---	30%	70%
97875	38%	13%	25%	25%	---	50%	50%
97882	23%	4%	9%	57%	6%	28%	66%
Respondent has a Shelter-in-Place Kit at Home and/or Work							
Yes	20%	8%	14%	55%	4%	28%	68%
No/Don't know	42%	5%	13%	38%	2%	47%	51%
Respondent knows the Difference between the Siren Sounds							
Yes	23%	7%	11%	56%	4%	29%	67%
No	28%	8%	16%	45%	3%	36%	61%
Respondent Trust and Control Category							
Participants	19%	8%	12%	56%	4%	27%	69%
Believers	41%	3%	20%	33%	3%	44%	53%
Watchdogs	25%	---	17%	58%	---	25%	75%
Cynics	22%	17%	11%	50%	---	39%	61%

20. Why do you say that?

A cross tabulation table for question 20 is not included in this document due to the small sample size (less than 30 respondents) of each response category for this question.



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21. How confident are you that the public will be notified quickly in case of a chemical emergency at the Umatilla Chemical Depot?

	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
Total Sample	48%	32%	12%	7%	2%	80%	18%
Respondent Age							
18–29	45%	37%	14%	2%	2%	82%	17%
30–34	48%	29%	12%	6%	6%	77%	17%
35–44	38%	41%	11%	9%	1%	79%	20%
45–54	56%	27%	8%	7%	2%	83%	15%
55–59	49%	21%	14%	14%	1%	70%	28%
60–64	57%	25%	11%	7%	---	82%	18%
65+	44%	36%	14%	4%	2%	80%	18%
Respondent Gender							
Male	51%	30%	10%	7%	2%	81%	17%
Female	46%	33%	13%	6%	2%	79%	19%
Respondent Ethnicity							
Caucasian	49%	32%	11%	6%	2%	81%	17%
Hispanic	35%	40%	15%	5%	4%	75%	21%
Other/Refused	49%	25%	15%	10%	2%	74%	25%
Respondent Time Living in Area							
5 years or less	47%	36%	10%	3%	4%	83%	13%
6–10 years	44%	33%	16%	7%	1%	77%	22%
11–15 years	48%	25%	15%	8%	4%	73%	24%
16–20 years	43%	35%	13%	8%	3%	77%	20%
More than 20 years	50%	32%	10%	7%	1%	82%	17%



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	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
Respondent has Internet Access							
Yes	49%	32%	12%	6%	1%	82%	18%
No	44%	32%	12%	8%	5%	76%	20%
Respondent State							
Oregon	47%	32%	12%	7%	2%	80%	18%
Washington	53%	33%	13%	---	---	87%	13%
Respondent County							
Benton	53%	33%	13%	---	---	87%	13%
Morrow	61%	22%	10%	3%	3%	84%	13%
Umatilla	46%	33%	12%	7%	2%	79%	19%
Respondent City							
Boardman	61%	23%	8%	5%	3%	84%	13%
Echo	67%	22%	7%	4%	---	89%	11%
Hermiston	46%	32%	13%	7%	2%	78%	20%
Irrigon	43%	33%	13%	10%	1%	76%	23%
Stanfield	45%	37%	4%	12%	2%	82%	16%
Umatilla	44%	42%	11%	2%	1%	85%	13%
Paterson/ Plymouth	53%	33%	13%	---	---	87%	13%
Respondent ZIP Code							
97818	61%	22%	10%	3%	3%	84%	13%
97826	64%	25%	7%	4%	---	89%	11%
97838	45%	33%	13%	6%	3%	78%	19%



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	Very confident	Somewhat confident	Not very confident	Not confident at all	Don't know	Total "confident" responses	Total "not confident" responses
97844	51%	20%	17%	9%	3%	71%	26%
97875	49%	29%	7%	15%	---	78%	22%
97882	44%	39%	10%	7%	---	83%	17%
Respondent has a Shelter-in-Place Kit at Home and/or Work							
Yes	52%	30%	11%	5%	1%	83%	16%
No/Don't know	32%	38%	15%	11%	5%	70%	25%
Respondent knows the Difference between the Siren Sounds							
Yes	55%	29%	9%	6%	1%	84%	14%
No	40%	35%	15%	7%	3%	75%	22%
Respondent Trust and Control Category							
Participants	64%	36%	---	---	---	100%	---
Believers	42%	58%	---	---	---	100%	---
Watchdogs	---	---	67%	33%	---	---	100%
Cynics	---	---	63%	37%	---	---	100%

22. Why do you say that?

A cross tabulation table for question 22 is not included in this document due to the small sample size (less than 30 respondents) of each response category for this question.



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23. In the event of a chemical emergency at the Depot, sirens will alert residents that an accident has occurred. Sirens make a different sound when they are being tested. Do you know the difference between the two siren sounds?

	Yes	No/Don't know
Total Sample	51%	49%
Respondent Age		
18–29	49%	51%
30–34	48%	52%
35–44	51%	49%
45–54	54%	46%
55–59	48%	52%
60–64	58%	42%
65+	49%	51%
Respondent Gender		
Male	53%	47%
Female	50%	50%
Respondent Ethnicity		
Caucasian	53%	47%
Hispanic	42%	58%
Other/Refused	46%	54%
Respondent Time Living in Area		
5 years or less	41%	59%
6–10 years	55%	45%
11–15 years	56%	44%
16–20 years	53%	47%
More than 20 years	52%	48%



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	Yes	No/Don't know
Respondent has Internet Access		
Yes	53%	47%
No	47%	53%
Respondent State		
Oregon	51%	49%
Washington	57%	43%
Respondent County		
Benton	57%	43%
Morrow	57%	43%
Umatilla	50%	50%
Respondent City		
Boardman	56%	44%
Echo	44%	56%
Hermiston	51%	49%
Irrigon	57%	43%
Stanfield	53%	47%
Umatilla	45%	55%
Paterson/Plymouth	57%	43%
Respondent ZIP Code		
97818	57%	43%
97826	43%	57%
97838	51%	49%



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	Yes	No/Don't know
97844	60%	40%
97875	51%	49%
97882	47%	53%
Respondent has a Shelter-in-Place Kit at Home and/or Work		
Yes	56%	44%
No/Don't know	36%	64%
Respondent knows the Difference between the Siren Sounds		
Yes	100%	---
No	---	100%
Respondent Trust and Control Category		
Participants	59%	41%
Believers	35%	65%
Watchdogs	56%	44%
Cynics	27%	73%



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24. Please tell me if you agree or disagree with the following statement: "I am able to protect myself and my family in the event of a chemical emergency?"

	Agree strongly	Agree somewhat	Disagree somewhat	Disagree strongly	Don't know	Total "agree" responses	Total "disagree" responses
Total Sample	38%	35%	12%	11%	4%	73%	23%
Respondent Age							
18–29	24%	43%	14%	15%	4%	67%	29%
30–34	34%	42%	14%	6%	4%	76%	20%
35–44	40%	32%	13%	12%	2%	73%	25%
45–54	46%	37%	6%	8%	4%	82%	14%
55–59	42%	31%	13%	13%	1%	73%	26%
60–64	45%	29%	10%	10%	7%	74%	20%
65+	36%	29%	15%	13%	7%	65%	27%
Respondent Gender							
Male	48%	29%	10%	9%	4%	77%	19%
Female	32%	38%	13%	12%	5%	70%	25%
Respondent Ethnicity							
Caucasian	42%	33%	11%	11%	4%	74%	22%
Hispanic	23%	45%	18%	8%	6%	68%	26%
Other/Refused	27%	38%	11%	16%	8%	65%	27%
Respondent Time Living in Area							
5 years or less	31%	40%	12%	15%	3%	70%	27%
6–10 years	40%	32%	14%	9%	5%	72%	23%
11–15 years	39%	37%	7%	13%	4%	76%	20%
16–20 years	35%	42%	13%	6%	5%	76%	19%
More than 20 years	41%	32%	12%	11%	4%	73%	23%



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	Agree strongly	Agree somewhat	Disagree somewhat	Disagree strongly	Don't know	Total "agree" responses	Total "disagree" responses
Respondent has Internet Access							
Yes	42%	35%	10%	10%	3%	77%	20%
No	30%	35%	14%	14%	6%	65%	29%
Respondent State							
Oregon	38%	35%	12%	11%	4%	73%	23%
Washington	50%	23%	7%	13%	7%	73%	20%
Respondent County							
Benton	50%	23%	7%	13%	7%	73%	20%
Morrow	42%	42%	3%	10%	3%	84%	13%
Umatilla	38%	34%	13%	11%	4%	72%	24%
Respondent City							
Boardman	41%	41%	5%	9%	3%	83%	15%
Echo	41%	19%	19%	19%	4%	59%	37%
Hermiston	38%	34%	12%	12%	3%	73%	24%
Irrigon	41%	34%	13%	7%	4%	76%	20%
Stanfield	37%	39%	10%	6%	8%	76%	16%
Umatilla	31%	36%	13%	10%	9%	67%	24%
Paterson/Plymouth	50%	23%	7%	13%	7%	73%	20%
Respondent ZIP Code							
97818	42%	42%	3%	10%	3%	84%	13%
97826	39%	18%	18%	21%	4%	57%	39%
97838	38%	35%	12%	12%	3%	73%	23%
97844	57%	20%	11%	9%	3%	77%	20%
97875	41%	34%	7%	5%	12%	76%	12%



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	Agree strongly	Agree somewhat	Disagree somewhat	Disagree strongly	Don't know	Total "agree" responses	Total "disagree" responses
97882	28%	38%	16%	10%	7%	67%	26%
Respondent has a Shelter-in-Place Kit at Home and/or Work							
Yes	44%	34%	10%	8%	4%	78%	17%
No/Don't know	17%	38%	18%	23%	4%	55%	41%
Respondent knows the Difference between the Siren Sounds							
Yes	53%	30%	9%	5%	3%	83%	14%
No	23%	39%	14%	18%	6%	62%	32%
Respondent Trust and Control Category							
Participants	53%	47%	---	---	---	100%	---
Believers	---	---	55%	45%	---	---	100%
Watchdogs	52%	48%	---	---	---	100%	---
Cynics	---	---	46%	54%	---	---	100%



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25. Which newspaper do you read the most?

	East Oregonian	Don't get or read the newspaper	Hermiston Herald	Tri-City Herald	The Nickel
Total Sample	44%	23%	15%	9%	3%
Respondent Age					
18–29	37%	33%	13%	4%	7%
30–34	45%	24%	13%	6%	6%
35–44	34%	32%	20%	4%	3%
45–54	47%	20%	12%	13%	3%
55–59	49%	19%	15%	9%	3%
60–64	57%	16%	8%	12%	5%
65+	49%	13%	22%	11%	---
Respondent Gender					
Male	42%	27%	11%	11%	3%
Female	45%	21%	18%	7%	3%
Respondent Ethnicity					
Caucasian	45%	21%	16%	10%	2%
Hispanic	35%	35%	9%	5%	8%
Other/Refused	41%	24%	13%	5%	6%
Respondent Time Living in Area					
5 years or less	32%	32%	12%	7%	9%
6–10 years	35%	27%	17%	10%	2%
11–15 years	34%	31%	17%	8%	1%
16–20 years	49%	21%	11%	8%	5%
More than 20 years	53%	16%	16%	9%	1%



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	East Oregonian	Don't get or read the newspaper	Hermiston Herald	Tri-City Herald	The Nickel
Respondent has Internet Access					
Yes	46%	21%	16%	10%	3%
No	40%	28%	14%	6%	4%
Respondent State					
Oregon	45%	23%	15%	8%	3%
Washington	3%	30%	3%	50%	---
Respondent County					
Benton	3%	30%	3%	50%	---
Morrow	45%	33%	1%	7%	1%
Umatilla	44%	22%	17%	8%	4%
Respondent City					
Boardman	48%	29%	4%	5%	3%
Echo	41%	19%	15%	7%	7%
Hermiston	44%	20%	20%	8%	4%
Irrigon	53%	24%	7%	6%	4%
Stanfield	55%	18%	14%	6%	---
Umatilla	33%	38%	10%	11%	3%
Paterson/Plymouth	3%	30%	3%	50%	---
Respondent ZIP Code					
97818	45%	33%	1%	7%	1%
97826	39%	18%	18%	7%	7%
97838	44%	20%	19%	8%	4%



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	East Oregonian	Don't get or read the newspaper	Hermiston Herald	Tri-City Herald	The Nickel
97844	57%	26%	3%	11%	3%
97875	59%	15%	17%	7%	---
97882	39%	31%	12%	8%	4%
Respondent has a Shelter-in-Place Kit at Home and/or Work					
Yes	46%	20%	16%	9%	3%
No/Don't know	38%	34%	12%	6%	6%
Respondent knows the Difference between the Siren Sounds					
Yes	47%	19%	15%	10%	3%
No	41%	27%	15%	8%	4%
Respondent Trust and Control Category					
Participants	45%	21%	16%	10%	3%
Believers	35%	28%	22%	6%	5%
Watchdogs	43%	36%	7%	6%	1%
Cynics	58%	15%	12%	3%	7%



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26. Which radio station do you listen to the most?

	102.7 KORD Country	Don't listen to the radio	1360 KOHU	98.3 KEYW "The Key"	97.1 KXRX "97 Rock"	105.3 KONA FM
Total Sample	15%	13%	10%	7%	5%	5%
Respondent Age						
18–29	20%	8%	2%	12%	11%	5%
30–34	19%	9%	1%	17%	12%	3%
35–44	14%	8%	5%	12%	6%	4%
45–54	16%	10%	10%	4%	3%	9%
55–59	26%	9%	14%	1%	2%	3%
60–64	7%	24%	24%	---	1%	7%
65+	6%	29%	20%	---	1%	1%
Respondent Gender						
Male	13%	11%	10%	4%	7%	4%
Female	17%	15%	10%	9%	4%	6%
Respondent Ethnicity						
Caucasian	17%	13%	11%	8%	6%	5%
Hispanic	6%	13%	2%	2%	2%	4%
Other/Refused	14%	14%	11%	5%	5%	5%
Respondent Time Living in Area						
5 years or less	17%	14%	2%	11%	5%	7%
6–10 years	18%	11%	6%	7%	5%	4%
11–15 years	12%	18%	9%	4%	6%	7%
16–20 years	20%	13%	8%	6%	4%	---
More than 20 years	13%	13%	15%	5%	5%	4%



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	102.7 KORD Country	Don't listen to the radio	1360 KOHU	98.3 KEYW "The Key"	97.1 KXRX "97 Rock"	105.3 KONA FM
Respondent has Internet Access						
Yes	16%	10%	10%	8%	6%	5%
No	14%	20%	9%	4%	4%	4%
Respondent State						
Oregon	15%	13%	10%	7%	5%	5%
Washington	23%	10%	---	10%	13%	3%
Respondent County						
Benton	23%	10%	---	10%	13%	3%
Morrow	21%	13%	1%	4%	3%	7%
Umatilla	15%	13%	11%	7%	5%	5%
Respondent City						
Boardman	23%	9%	1%	4%	4%	7%
Echo	7%	11%	22%	7%	4%	4%
Hermiston	14%	14%	12%	8%	4%	5%
Irrigon	19%	20%	10%	1%	6%	1%
Stanfield	14%	6%	8%	4%	2%	4%
Umatilla	18%	16%	4%	7%	10%	8%
Paterson/Plymouth	23%	10%	---	10%	13%	3%
Respondent ZIP Code						
97818	21%	13%	1%	4%	3%	7%
97826	7%	11%	21%	7%	4%	4%
97838	14%	13%	12%	7%	5%	5%



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	102.7 KORD Country	Don't listen to the radio	1360 KOHU	98.3 KEYW "The Key"	97.1 KXRX "97 Rock"	105.3 KONA FM
97844	29%	20%	6%	---	---	6%
97875	7%	10%	7%	5%	2%	7%
97882	18%	15%	7%	7%	8%	4%
Respondent has a Shelter-in-Place Kit at Home and/or Work						
Yes	15%	12%	12%	7%	5%	5%
No/Don't know	17%	18%	3%	5%	6%	4%
Respondent knows the Difference between the Siren Sounds						
Yes	17%	9%	13%	7%	6%	4%
No	14%	18%	6%	6%	4%	6%
Respondent Trust and Control Category						
Participants	16%	10%	12%	7%	4%	5%
Believers	11%	17%	6%	7%	10%	6%
Watchdogs	20%	18%	7%	4%	6%	3%
Cynics	19%	20%	7%	4%	7%	4%



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27. Which television station do you watch the most?

	Channel 25 KNDU NBC (Tri Cities)	Channel 3 or 19 KEPR CBS (Tri Cities)	Don't watch television	Channel 11, 17, or 66 KBW FOX	Channel 2 KATU ABC (Portland)	Channel 42 KVEW/ KAPP ABC (Tri Cities)	Satellite	Channel 6 KOIN CBS (Portland)	Channel 8 KGW NBC (Portland)
Total Sample	19%	11%	10%	7%	6%	6%	6%	5%	5%
Respondent Age									
18–29	18%	10%	11%	8%	5%	5%	5%	2%	4%
30–34	23%	4%	6%	12%	4%	9%	6%	10%	4%
35–44	21%	13%	8%	8%	7%	6%	7%	3%	3%
45–54	21%	9%	10%	6%	8%	7%	5%	3%	4%
55–59	22%	10%	13%	8%	1%	7%	4%	4%	4%
60–64	12%	10%	16%	7%	10%	---	7%	10%	8%
65+	17%	18%	5%	5%	6%	4%	5%	7%	8%
Respondent Gender									
Male	15%	8%	14%	9%	5%	4%	7%	4%	4%
Female	22%	13%	7%	6%	7%	7%	5%	5%	5%



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	Channel 25 KNDU NBC (Tri Cities)	Channel 3 or 19 KEPR CBS (Tri Cities)	Don't watch television	Channel 11, 17, or 66 KBW FOX	Channel 2 KATU ABC (Portland)	Channel 42 KVEW/ KAPP ABC (Tri Cities)	Satellite	Channel 6 KOIN CBS (Portland)	Channel 8 KGW NBC (Portland)
Respondent Ethnicity									
Caucasian	20%	12%	10%	8%	7%	5%	5%	5%	5%
Hispanic	12%	2%	9%	2%	5%	11%	5%	5%	2%
Other/Refused	22%	10%	5%	8%	3%	6%	8%	3%	10%
Respondent Time Living in Area									
5 years or less	17%	7%	17%	9%	4%	4%	5%	4%	5%
6–10 years	23%	10%	7%	8%	9%	5%	7%	4%	1%
11–15 years	14%	6%	6%	10%	9%	9%	7%	7%	1%
16–20 years	26%	15%	9%	5%	---	8%	4%	9%	8%
More than 20 years	19%	13%	8%	6%	7%	5%	5%	4%	6%
Respondent has Internet Access									
Yes	19%	11%	10%	8%	7%	6%	6%	5%	4%
No	20%	12%	9%	5%	5%	6%	5%	4%	6%
Respondent State									
Oregon	19%	11%	9%	7%	6%	6%	6%	5%	5%
Washington	33%	13%	13%	3%	---	7%	7%	---	---



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	Channel 25 KNDU NBC (Tri Cities)	Channel 3 or 19 KEPR CBS (Tri Cities)	Don't watch television	Channel 11, 17, or 66 KBW FOX	Channel 2 KATU ABC (Portland)	Channel 42 KVEW/ KAPP ABC (Tri Cities)	Satellite	Channel 6 KOIN CBS (Portland)	Channel 8 KGW NBC (Portland)
Respondent County									
Benton	33%	13%	13%	3%	---	7%	7%	---	---
Morrow	21%	4%	4%	7%	6%	9%	9%	6%	4%
Umatilla	19%	12%	10%	7%	6%	5%	5%	5%	5%
Respondent City									
Boardman	23%	4%	4%	8%	4%	11%	7%	7%	5%
Echo	15%	22%	7%	11%	7%	7%	---	4%	4%
Hermiston	18%	9%	10%	8%	7%	5%	5%	6%	4%
Irrigon	16%	17%	10%	4%	4%	7%	11%	6%	10%
Stanfield	20%	20%	4%	4%	---	4%	6%	---	6%
Umatilla	24%	11%	15%	8%	8%	3%	4%	2%	2%
Paterson/Plymouth	33%	13%	13%	3%	---	7%	7%	---	---
Respondent ZIP Code									
97818	21%	4%	4%	7%	6%	9%	9%	6%	4%
97826	14%	21%	7%	11%	7%	7%	4%	4%	4%
97838	18%	10%	10%	8%	7%	5%	4%	6%	4%



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	Channel 25 KNDU NBC (Tri Cities)	Channel 3 or 19 KEPR CBS (Tri Cities)	Don't watch television	Channel 11, 17, or 66 KBW FOX	Channel 2 KATU ABC (Portland)	Channel 42 KVEW/ KAPP ABC (Tri Cities)	Satellite	Channel 6 KOIN CBS (Portland)	Channel 8 KGW NBC (Portland)
97844	14%	14%	6%	---	9%	6%	6%	11%	17%
97875	27%	15%	5%	7%	---	2%	10%	---	5%
97882	21%	14%	15%	7%	5%	5%	8%	2%	4%
Respondent has a Shelter-in-Place Kit at Home and/or Work									
Yes	20%	12%	8%	7%	6%	5%	7%	5%	6%
No/Don't know	17%	8%	14%	9%	6%	6%	3%	6%	2%
Respondent knows the Difference between the Siren Sounds									
Yes	20%	12%	8%	7%	6%	5%	7%	6%	5%
No	18%	10%	11%	8%	7%	7%	4%	4%	4%
Respondent Trust and Control Category									
Participants	20%	11%	8%	6%	6%	7%	6%	5%	5%
Believers	16%	16%	14%	8%	8%	3%	7%	3%	3%
Watchdogs	13%	9%	8%	12%	6%	6%	3%	4%	9%
Cynics	20%	7%	12%	12%	12%	4%	4%	6%	4%