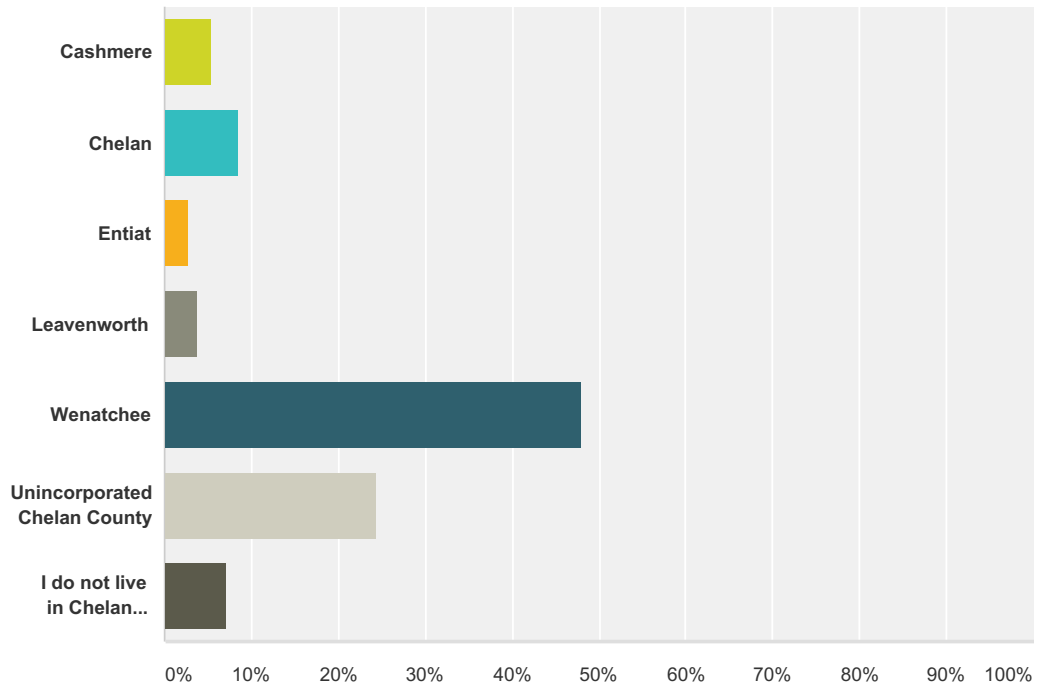


### Q1 Where in Chelan County do you live?

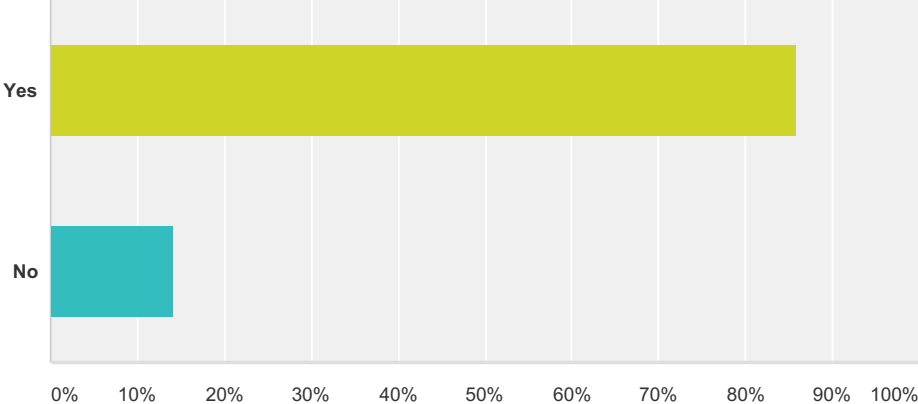
Answered: 185 Skipped: 7



Answer Choices	Responses	
Cashmere	5.41%	10
Chelan	8.65%	16
Entiat	2.70%	5
Leavenworth	3.78%	7
Wenatchee	48.11%	89
Unincorporated Chelan County	24.32%	45
I do not live in Chelan County	7.03%	13
<b>Total</b>		<b>185</b>

### Q2 Do you work in Chelan County?

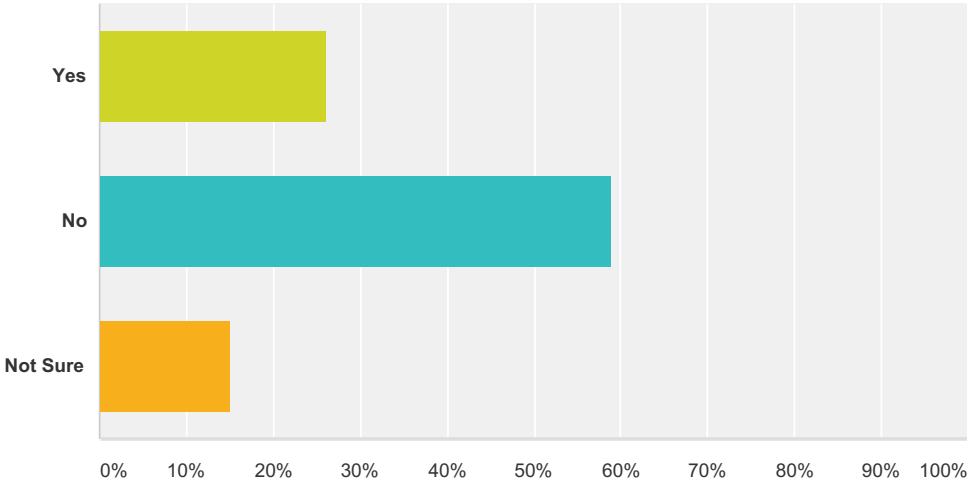
Answered: 190 Skipped: 2



Answer Choices	Responses	
Yes	85.79%	163
No	14.21%	27
<b>Total</b>		<b>190</b>

**Q3 Do you live in a known floodplain or an area that has been subject to flooding?**

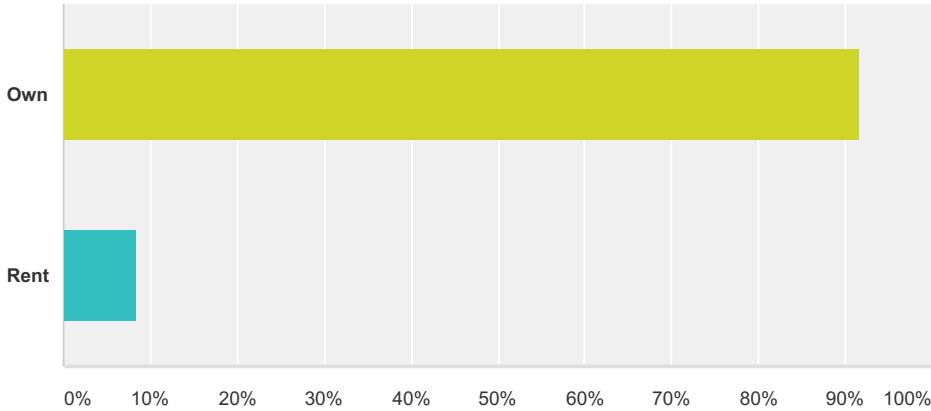
Answered: 192 Skipped: 0



Answer Choices	Responses
Yes	26.04% 50
No	58.85% 113
Not Sure	15.10% 29
<b>Total</b>	<b>192</b>

### Q4 Do you own or rent your place of residence?

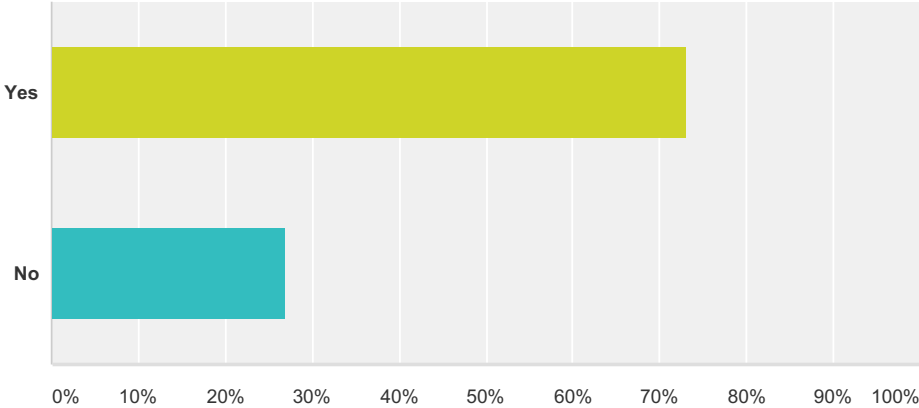
Answered: 192 Skipped: 0



Answer Choices	Responses
Own	91.67% 176
Rent	8.33% 16
<b>Total</b>	<b>192</b>

### Q5 Do you have a mortgage?

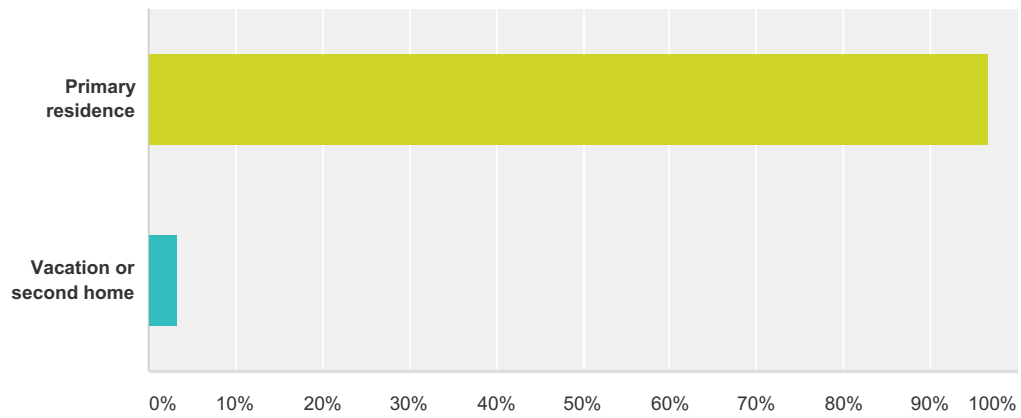
Answered: 171 Skipped: 21



Answer Choices	Responses
Yes	73.10% 125
No	26.90% 46
<b>Total</b>	<b>171</b>

### Q6 Is this your primary residence or is it your vacation/second home?

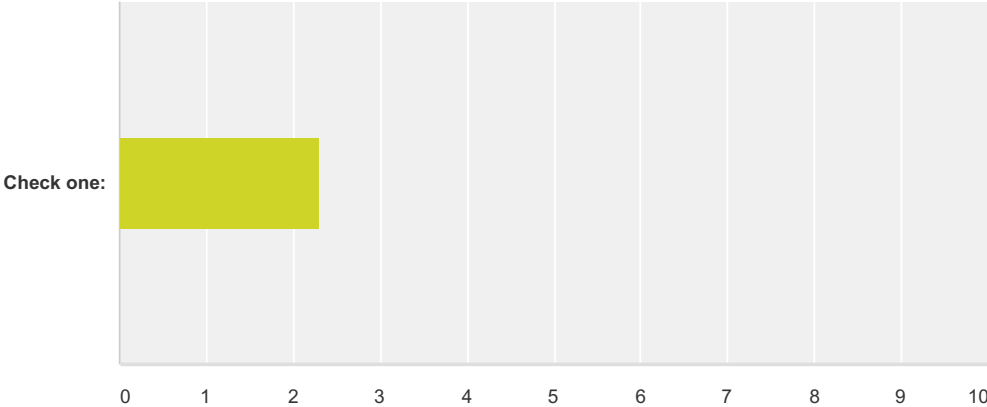
Answered: 185 Skipped: 7



Answer Choices	Responses	
Primary residence	96.76%	179
Vacation or second home	3.24%	6
<b>Total</b>		<b>185</b>

### Q7 How prepared is your household to deal with a flood event?

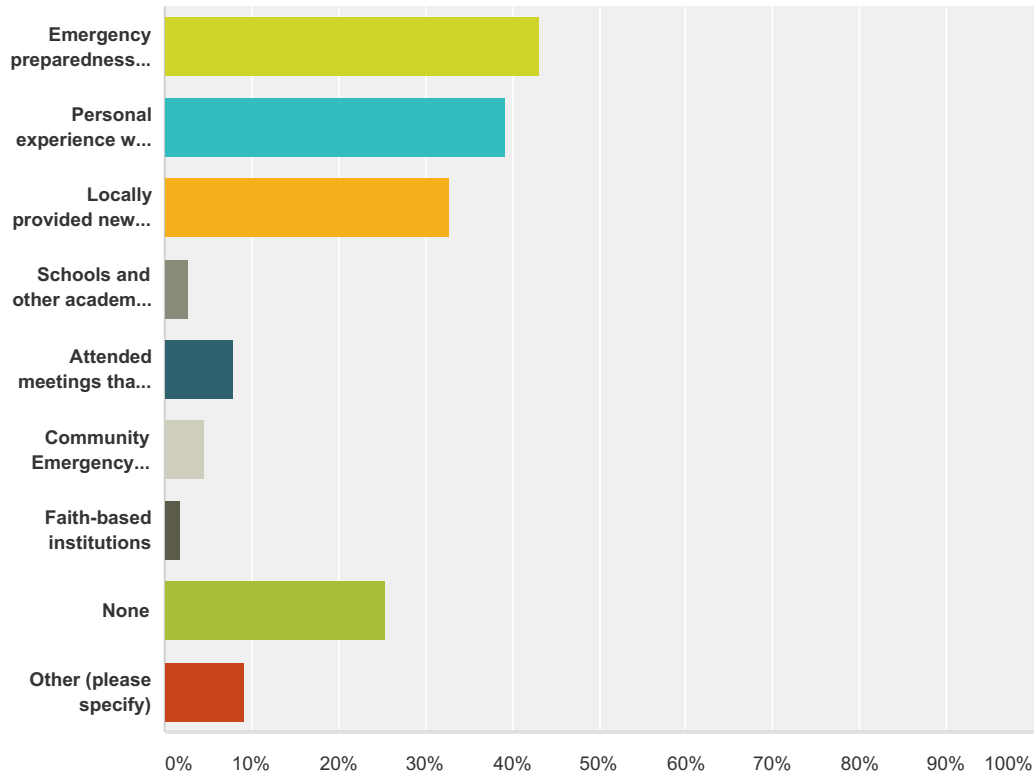
Answered: 148 Skipped: 44



	Not at All Prepared	Somewhat Prepared	Adequately Prepared	Well Prepared	Very Well Prepared	Total	Weighted Average
Check one:	22.30% 33	43.24% 64	21.62% 32	7.43% 11	5.41% 8	148	2.30

**Q8 Which of the following have provided you with useful information to help you be prepared for a flood event? (Check all that apply)**

Answered: 153 Skipped: 39

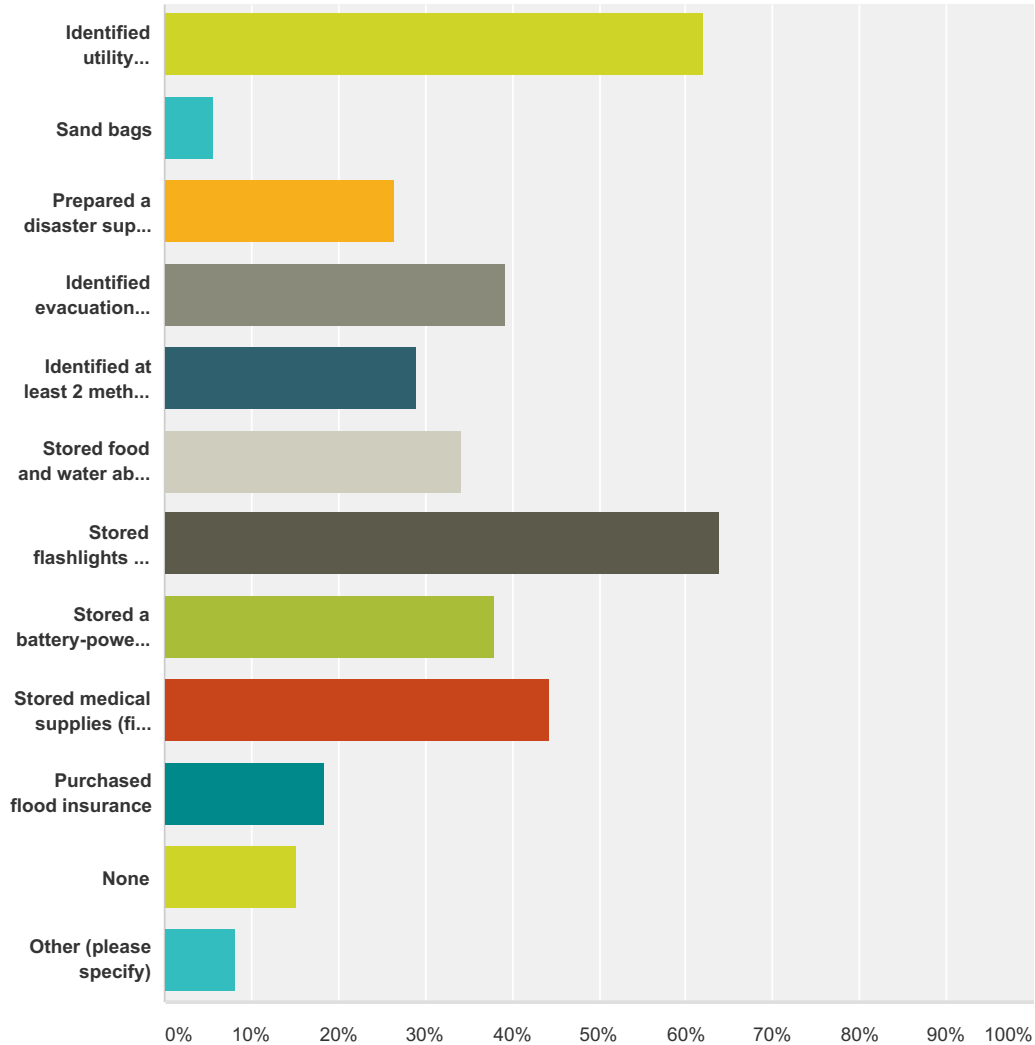


Answer Choices	Responses
Emergency preparedness information from a government source (e.g., federal, state, or local emergency management)	43.14% 66
Personal experience with flood events	39.22% 60
Locally provided news or other media information	32.68% 50
Schools and other academic institutions	2.61% 4
Attended meetings that have dealt with flood preparedness	7.84% 12
Community Emergency Response Training (CERT)	4.58% 7
Faith-based institutions	1.96% 3
None	25.49% 39
Other (please specify)	9.15% 14
<b>Total Respondents: 153</b>	



### Q9 Which of the following steps has your household taken to prepare for a flood event? (Check all that apply)

Answered: 158 Skipped: 34



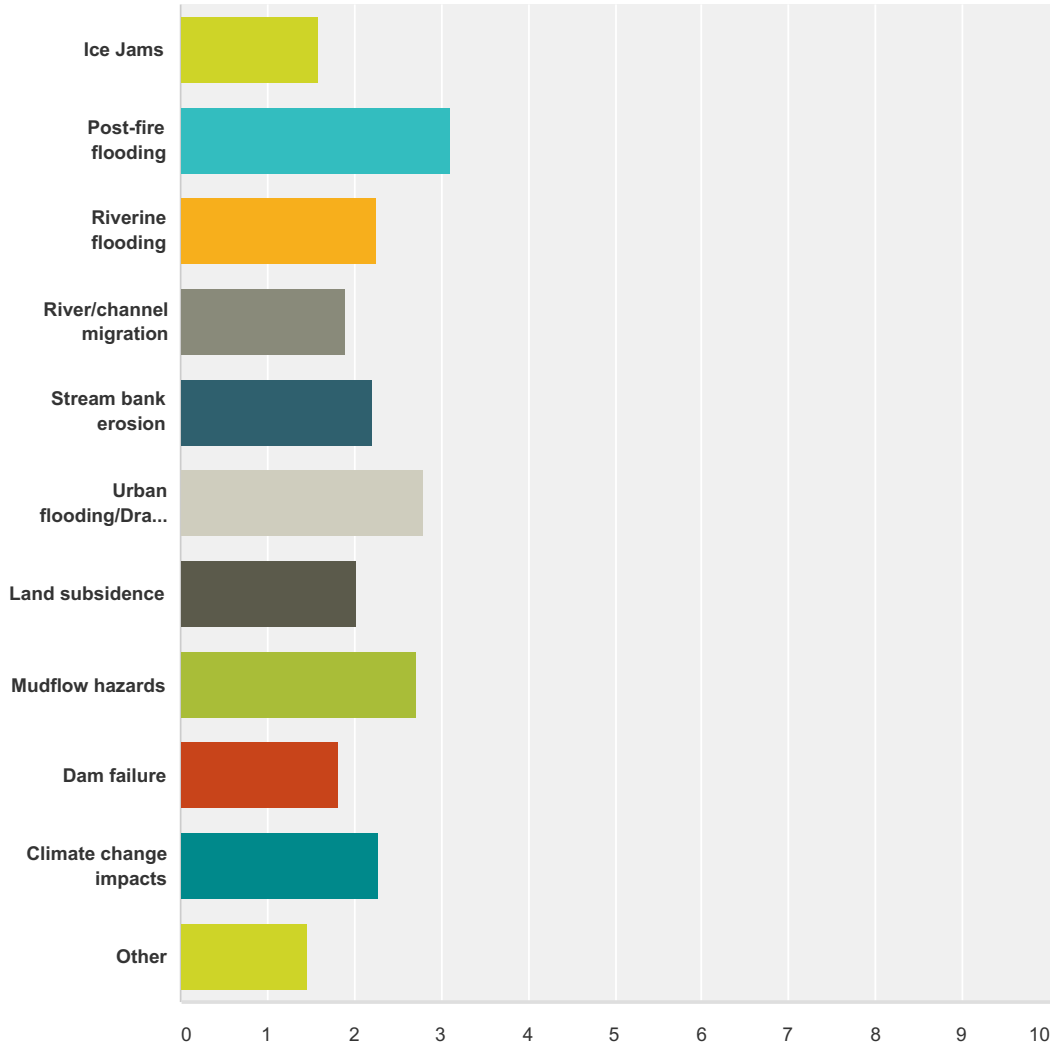
Answer Choices	Responses
Identified utility shutoffs	62.03% 98
Sand bags	5.70% 9
Prepared a disaster supply kit	26.58% 42
Identified evacuation routes	39.24% 62
Identified at least 2 methods for receiving emergency notifications and information during emergencies	29.11% 46
Stored food and water above potential flood levels	34.18% 54
Stored flashlights and batteries	63.92% 101
Stored a battery-powered radio	37.97% 60

## Chelan County Survey: Flood Preparedness

Stored medical supplies (first aid kit, medications)	<b>44.30%</b>	70
Purchased flood insurance	<b>18.35%</b>	29
None	<b>15.19%</b>	24
Other (please specify)	<b>8.23%</b>	13
<b>Total Respondents: 158</b>		

**Q10 How concerned are you about the following flood related hazards in Chelan County? (Check one response for each hazard)**

Answered: 158 Skipped: 34



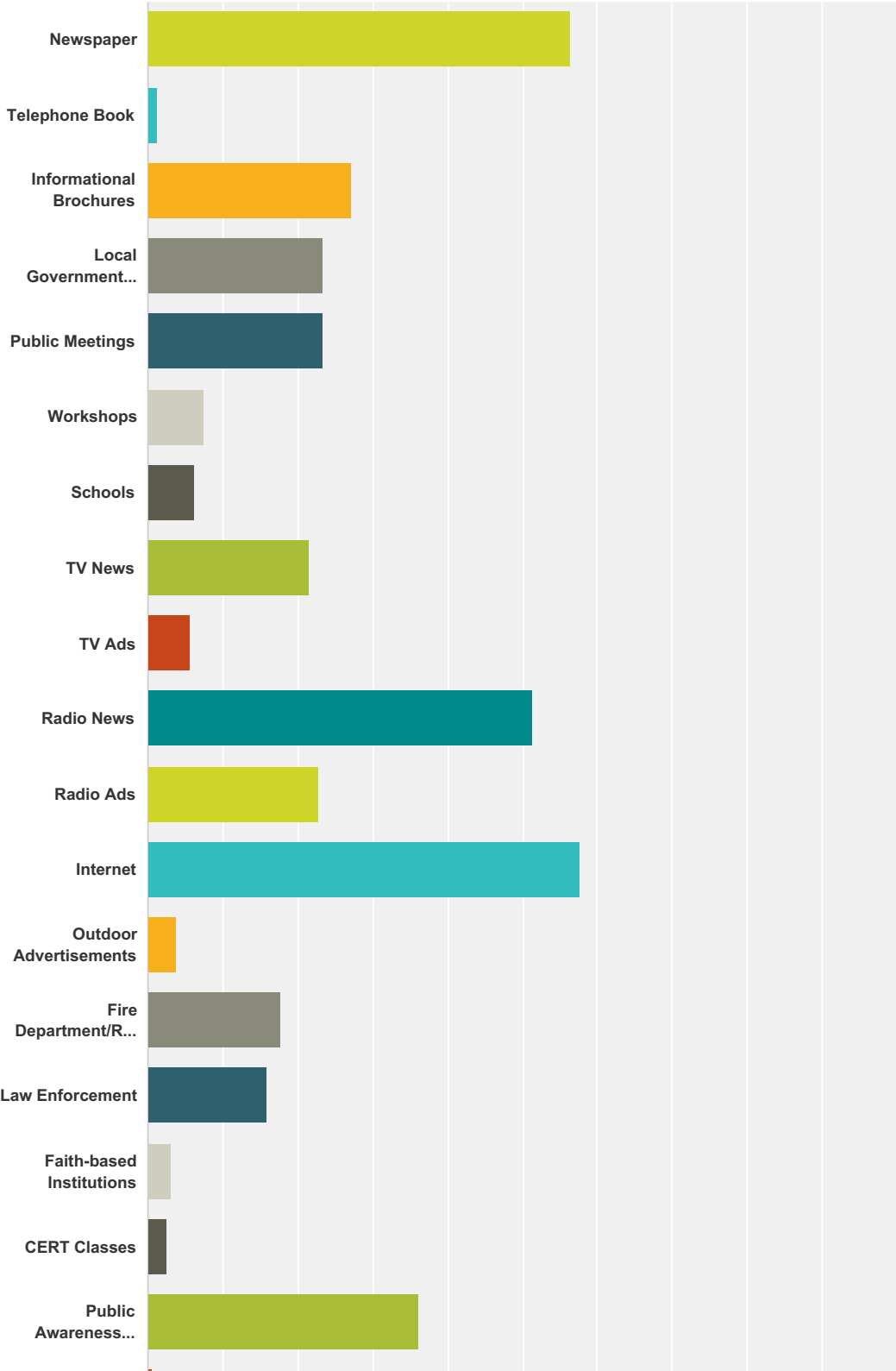
	Not Concerned	Somewhat Concerned	Concerned	Very Concerned	Extremely Concerned	Total	Weighted Average
Ice Jams	63.92% 101	23.42% 37	5.70% 9	3.80% 6	3.16% 5	158	1.59
Post-fire flooding	10.76% 17	20.25% 32	29.11% 46	25.95% 41	13.92% 22	158	3.12
Riverine flooding	32.28% 51	29.75% 47	22.15% 35	11.39% 18	4.43% 7	158	2.26
River/channel migration	46.84% 74	27.85% 44	16.46% 26	5.70% 9	3.16% 5	158	1.91
Stream bank erosion	35.44% 56	25.95% 41	25.32% 40	8.23% 13	5.06% 8	158	2.22

## Chelan County Survey: Flood Preparedness

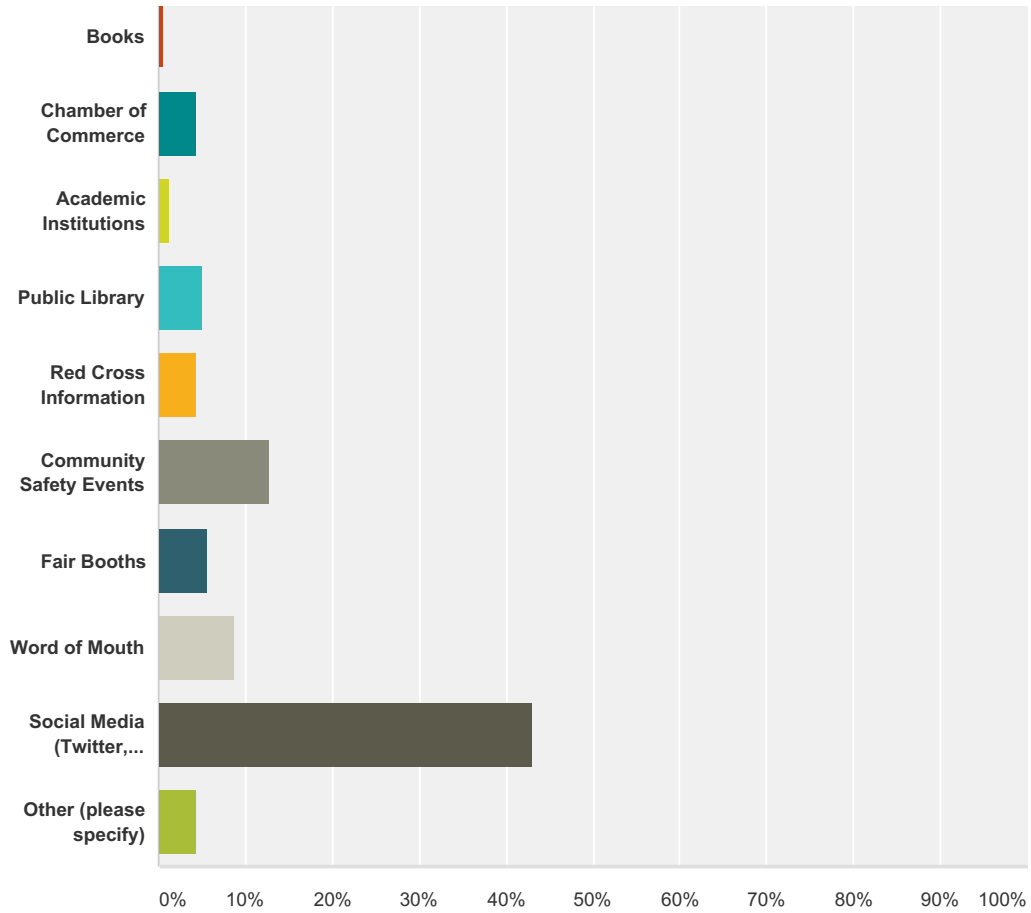
Urban flooding/Drainage issues	<b>17.72%</b> 28	<b>27.85%</b> 44	<b>22.15%</b> 35	<b>20.89%</b> 33	<b>11.39%</b> 18	158	2.80
Land subsidence	<b>41.77%</b> 66	<b>30.38%</b> 48	<b>17.09%</b> 27	<b>5.70%</b> 9	<b>5.06%</b> 8	158	2.02
Mudflow hazards	<b>17.09%</b> 27	<b>31.65%</b> 50	<b>25.32%</b> 40	<b>14.56%</b> 23	<b>11.39%</b> 18	158	2.72
Dam failure	<b>55.06%</b> 87	<b>20.25%</b> 32	<b>16.46%</b> 26	<b>5.06%</b> 8	<b>3.16%</b> 5	158	1.81
Climate change impacts	<b>39.87%</b> 63	<b>22.15%</b> 35	<b>17.72%</b> 28	<b>10.76%</b> 17	<b>9.49%</b> 15	158	2.28
Other	<b>81.65%</b> 129	<b>4.43%</b> 7	<b>3.80%</b> 6	<b>5.70%</b> 9	<b>4.43%</b> 7	158	1.47

**Q11 Choose five (5) of the following methods you think are most effective for providing flood hazard and disaster information? (Choose up to 5 answers)**

Answered: 158 Skipped: 34



## Chelan County Survey: Flood Preparedness



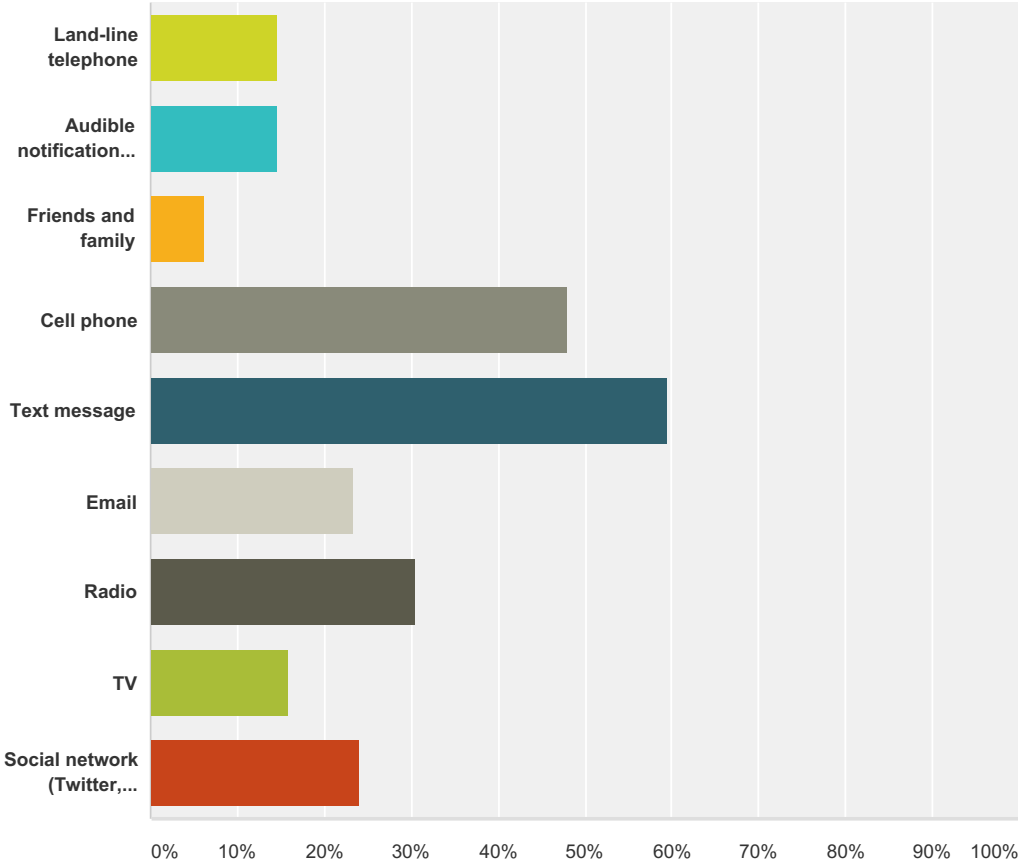
Answer Choices	Responses
Newspaper	56.33% 89
Telephone Book	1.27% 2
Informational Brochures	27.22% 43
Local Government Newsletters	23.42% 37
Public Meetings	23.42% 37
Workshops	7.59% 12
Schools	6.33% 10
TV News	21.52% 34
TV Ads	5.70% 9
Radio News	51.27% 81
Radio Ads	22.78% 36
Internet	57.59% 91
Outdoor Advertisements	3.80% 6
Fire Department/Rescue	17.72% 28
Law Enforcement	15.82% 25

## Chelan County Survey: Flood Preparedness

Faith-based Institutions	3.16%	5
CERT Classes	2.53%	4
Public Awareness Campaign (e.g., Flood Awareness Week, Winter Storm Preparedness Month)	36.08%	57
Books	0.63%	1
Chamber of Commerce	4.43%	7
Academic Institutions	1.27%	2
Public Library	5.06%	8
Red Cross Information	4.43%	7
Community Safety Events	12.66%	20
Fair Booths	5.70%	9
Word of Mouth	8.86%	14
Social Media (Twitter, Facebook, etc.)	43.04%	68
Other (please specify)	4.43%	7
<b>Total Respondents: 158</b>		

### Q12 What method is best for you and your family to get time sensitive warning information or instructions for action?

Answered: 158 Skipped: 34

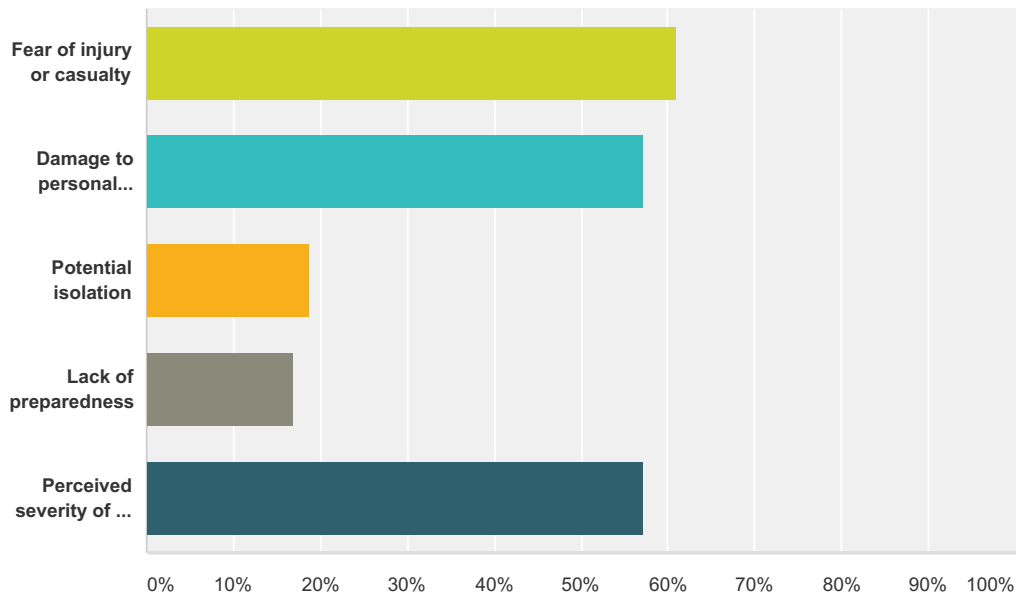


Answer Choices	Responses	Count
Land-line telephone	14.56%	23
Audible notification (siren)	14.56%	23
Friends and family	6.33%	10
Cell phone	48.10%	76
Text message	59.49%	94
Email	23.42%	37
Radio	30.38%	48
TV	15.82%	25
Social network (Twitter, Facebook, etc.)	24.05%	38
<b>Total Respondents: 158</b>		



### Q13 What would drive you to action in response to an emergency notification?

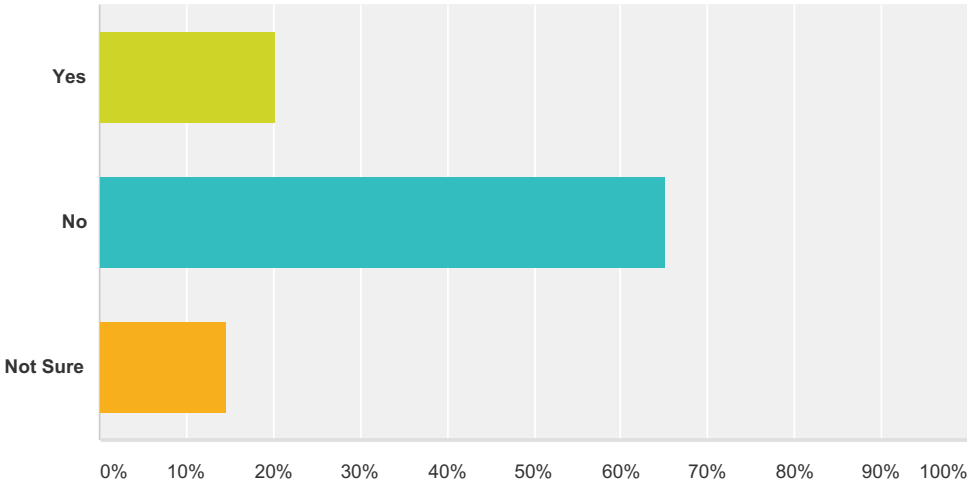
Answered: 154 Skipped: 38



Answer Choices	Responses
Fear of injury or casualty	61.04% 94
Damage to personal property	57.14% 88
Potential isolation	18.83% 29
Lack of preparedness	16.88% 26
Perceived severity of the incident	57.14% 88
<b>Total Respondents: 154</b>	

**Q14 Do you have flood insurance?**

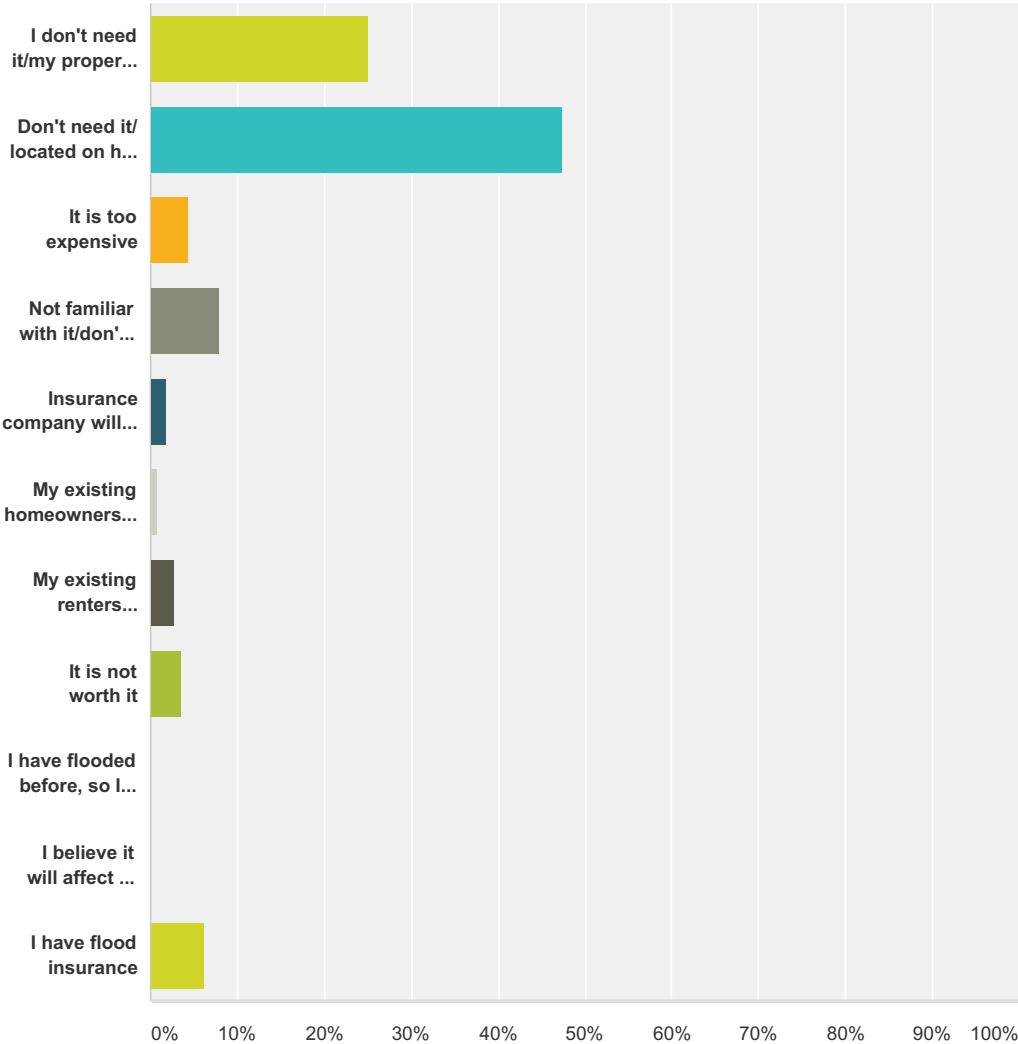
Answered: 158 Skipped: 34



Answer Choices	Responses	
Yes	20.25%	32
No	65.19%	103
Not Sure	14.56%	23
<b>Total</b>		<b>158</b>

### Q15 If you do NOT have flood insurance, what is the primary reason?

Answered: 112 Skipped: 80



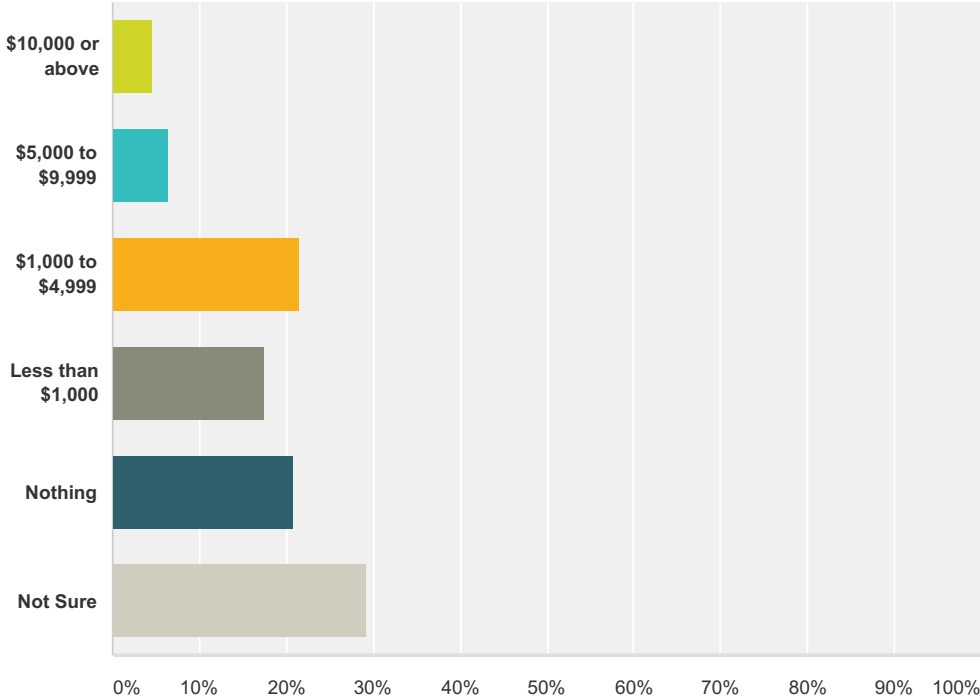
Answer Choices	Responses
I don't need it/my property has never flooded	25.00% 28
Don't need it/ located on high ground	47.32% 53
It is too expensive	4.46% 5
Not familiar with it/don't know about it.	8.04% 9
Insurance company will not provide coverage	1.79% 2
My existing homeowners insurance provides coverage	0.89% 1
My existing renters insurance provides coverage	2.68% 3
It is not worth it	3.57% 4
I have flooded before, so I did not think I qualified for coverage	0.00% 0

## Chelan County Survey: Flood Preparedness

I believe it will affect the value of my property	0.00%	0
I have flood insurance	6.25%	7
<b>Total</b>		<b>112</b>

**Q16 How much money would you be willing to spend to retrofit your home to reduce risks associated with flood disasters? (e.g., elevating a home above flood level, flood-proofing, building berms or floodwalls)**

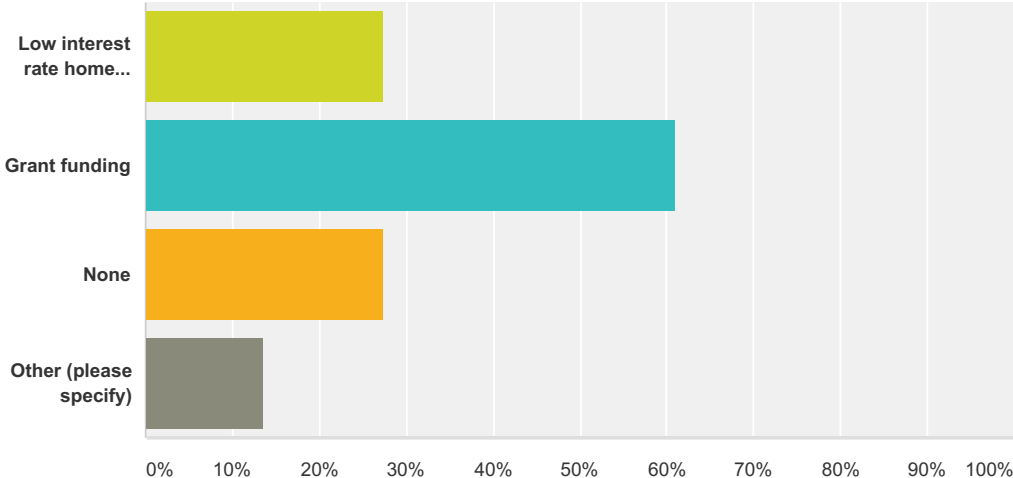
Answered: 154 Skipped: 38



Answer Choices	Responses
\$10,000 or above	4.55% 7
\$5,000 to \$9,999	6.49% 10
\$1,000 to \$4,999	21.43% 33
Less than \$1,000	17.53% 27
Nothing	20.78% 32
Not Sure	29.22% 45
<b>Total</b>	<b>154</b>

**Q17 Which of the following incentives would encourage you to spend money to retrofit your home to protect against flood disasters? (Check all that apply)**

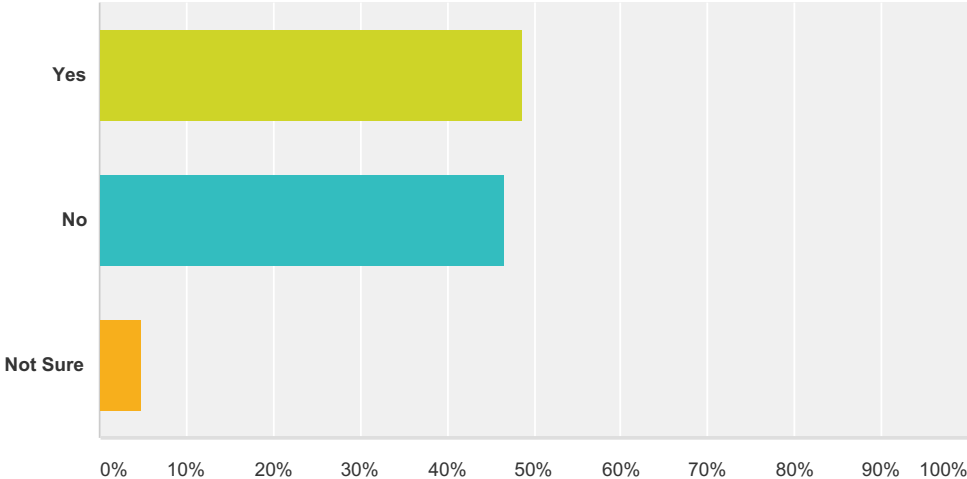
Answered: 154 Skipped: 38



Answer Choices	Responses
Low interest rate home improvement loan	27.27% 42
Grant funding	61.04% 94
None	27.27% 42
Other (please specify)	13.64% 21
<b>Total Respondents: 154</b>	

**Q18 When you moved into your home, did you consider the impact a potential flood could have on your home?**

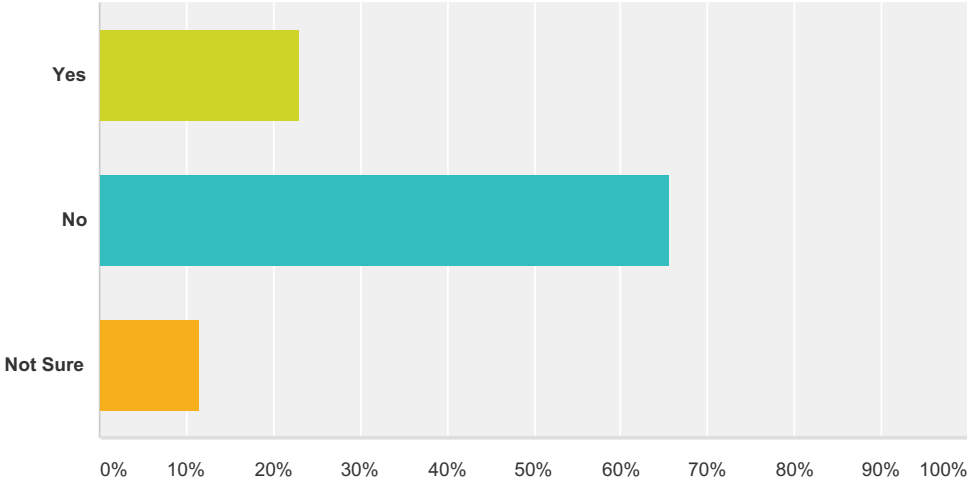
Answered: 148 Skipped: 44



Answer Choices	Responses
Yes	48.65% 72
No	46.62% 69
Not Sure	4.73% 7
<b>Total</b>	<b>148</b>

**Q19 Was the presence of a flood hazard disclosed to you by a real estate agent, seller, or landlord before you purchased or moved into your home?**

Answered: 148 Skipped: 44

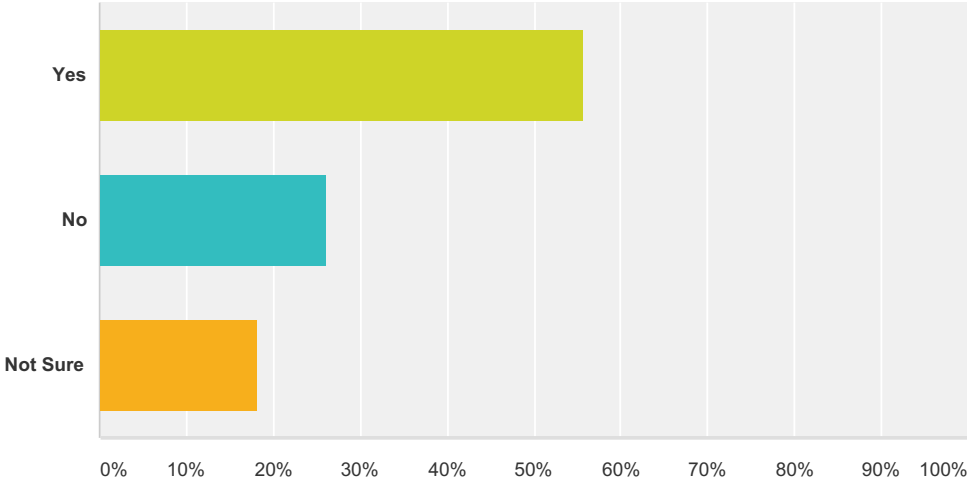


Answer Choices	Responses	
Yes	22.97%	34
No	65.54%	97
Not Sure	11.49%	17
<b>Total</b>		<b>148</b>



### Q20 Would the disclosure of the flood hazard have influenced your decision to buy or rent a home?

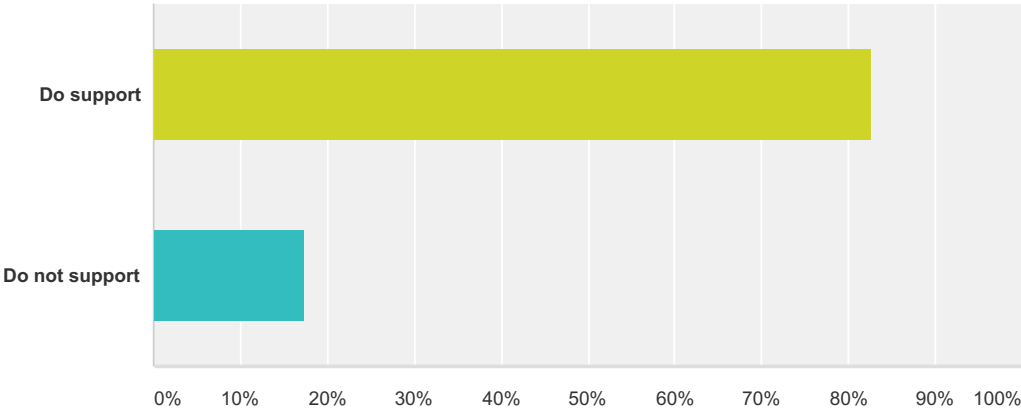
Answered: 149 Skipped: 43



Answer Choices	Responses
Yes	55.70% 83
No	26.17% 39
Not Sure	18.12% 27
<b>Total</b>	<b>149</b>

### Q21 Do you support the preservation of natural land that contains a flood hazard?

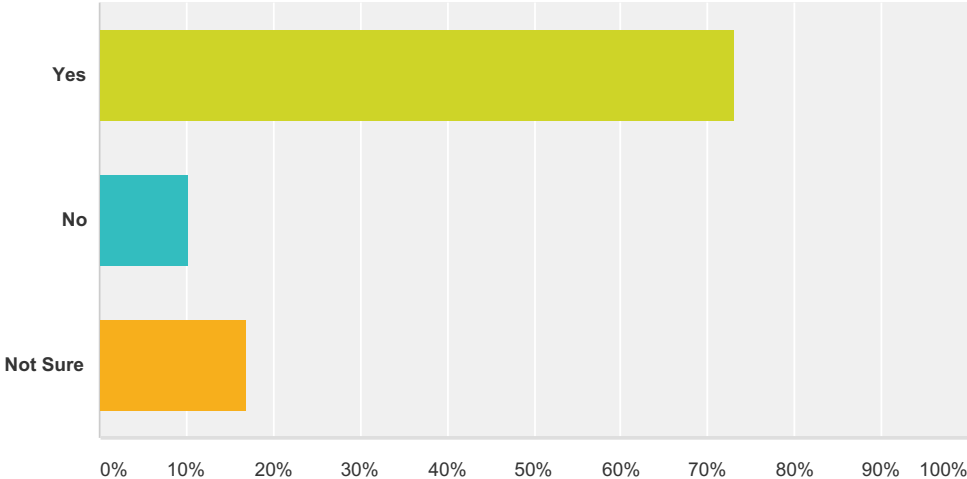
Answered: 145 Skipped: 47



Answer Choices	Responses
Do support	82.76% 120
Do not support	17.24% 25
<b>Total</b>	<b>145</b>

**Q22 Do you support the regulation (restriction) of land uses within known, high risk, flood hazard areas?**

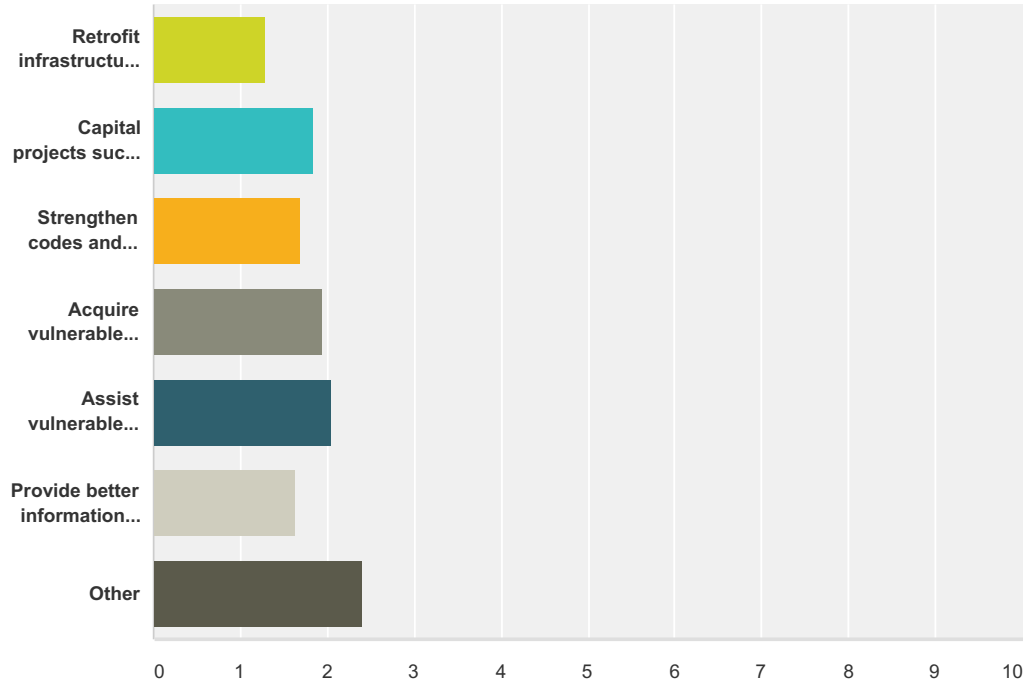
Answered: 148 Skipped: 44



Answer Choices	Responses	
Yes	72.97%	108
No	10.14%	15
Not Sure	16.89%	25
<b>Total</b>		<b>148</b>

### Q23 What types of projects do you believe the Local, State or Federal government agencies should consider to reduce damage and disruption from flooding?

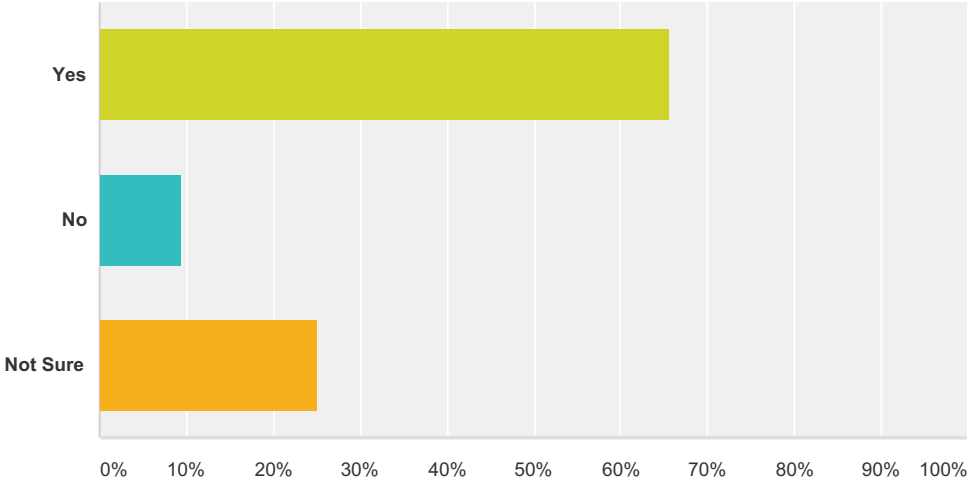
Answered: 147 Skipped: 45



	High	Medium	Low	Total	Weighted Average
Retrofit infrastructure, such as improving culverts, bridges, and local drainage.	76.39% 110	18.06% 26	5.56% 8	144	1.29
Capital projects such as dams, levees, flood walls and drainage improvements.	40.28% 58	36.81% 53	22.92% 33	144	1.83
Strengthen codes and regulations to include higher regulatory standards in flood hazard areas.	50.00% 72	31.25% 45	18.75% 27	144	1.69
Acquire vulnerable properties and maintain as open space.	38.46% 55	27.97% 40	33.57% 48	143	1.95
Assist vulnerable property owners with securing funding for mitigation.	24.65% 35	47.18% 67	28.17% 40	142	2.04
Provide better information about flood risk to the public.	50.35% 71	36.17% 51	13.48% 19	141	1.63
Other	25.64% 20	7.69% 6	66.67% 52	78	2.41

**Q24 If your property were located in a designated “high flood hazard” area or had received repetitive damages from flood events, would you consider a “buyout” offered by a public agency?**

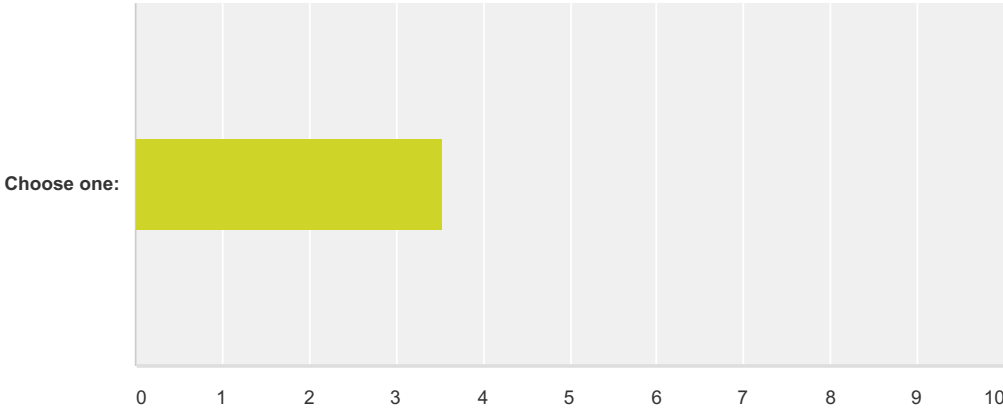
Answered: 148 Skipped: 44



Answer Choices	Responses
Yes	65.54% 97
No	9.46% 14
Not Sure	25.00% 37
<b>Total</b>	<b>148</b>

**Q25 Please indicate how you feel about the following statement: It is the responsibility of government (local, state and federal) to provide education and programs that promote citizen actions that will reduce exposure to the risks associated with flood hazards.**

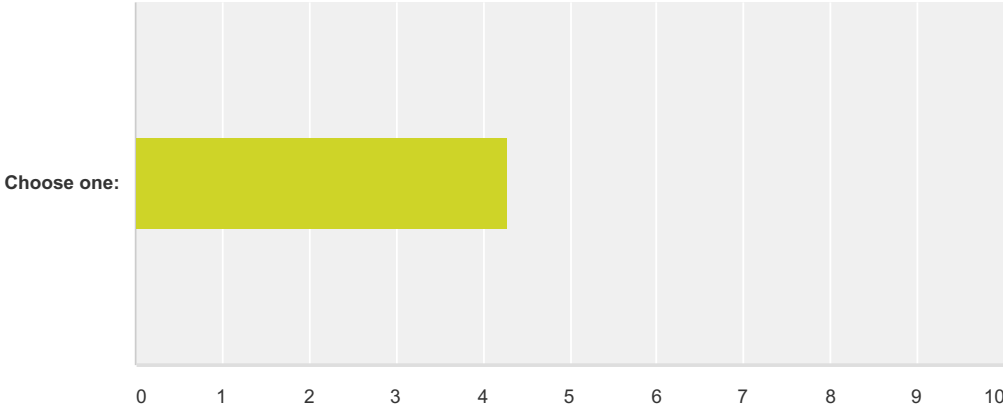
Answered: 148 Skipped: 44



	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree	Total	Weighted Average
Choose one:	12.16% 18	8.11% 12	16.89% 25	40.54% 60	22.30% 33	148	3.53

**Q26 Please indicate how you feel about the following statement: It is my responsibility to educate myself and take actions that will reduce my exposure to the risks associated with flood hazards.**

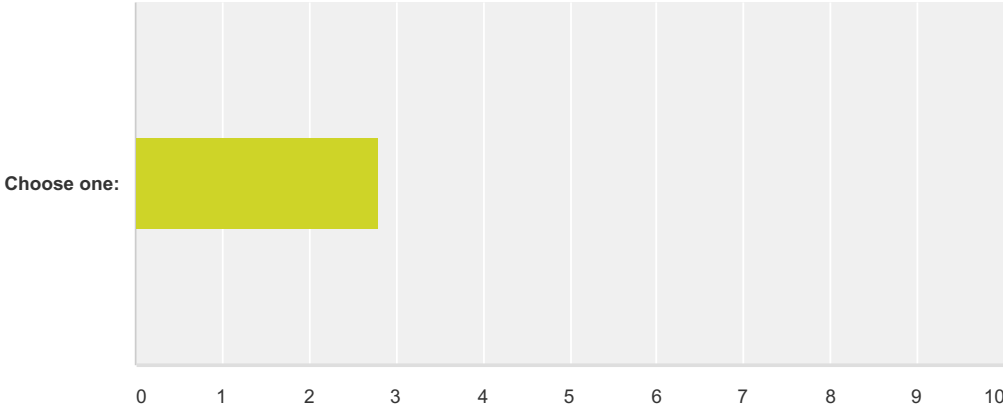
Answered: 148 Skipped: 44



	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree	Total	Weighted Average
Choose one:	5.41% 8	6.08% 9	4.05% 6	23.65% 35	60.81% 90	148	4.28

**Q27 Please indicate how you feel about the following statement: Information about the risks associated with flood hazards is readily available and easy to locate.**

Answered: 149 Skipped: 43

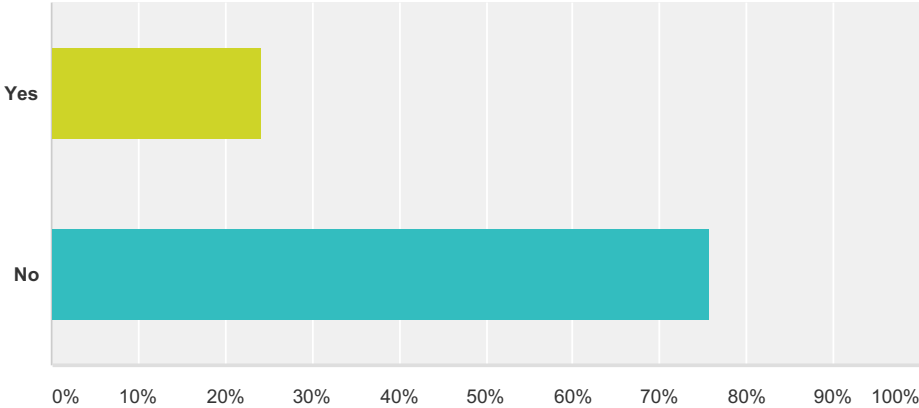


	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree	Total	Weighted Average
Choose one:	10.74% 16	31.54% 47	30.20% 45	23.49% 35	4.03% 6	149	2.79



**Q28 Are you aware of any local programs and policies designed to reduce risk from flood hazards?**

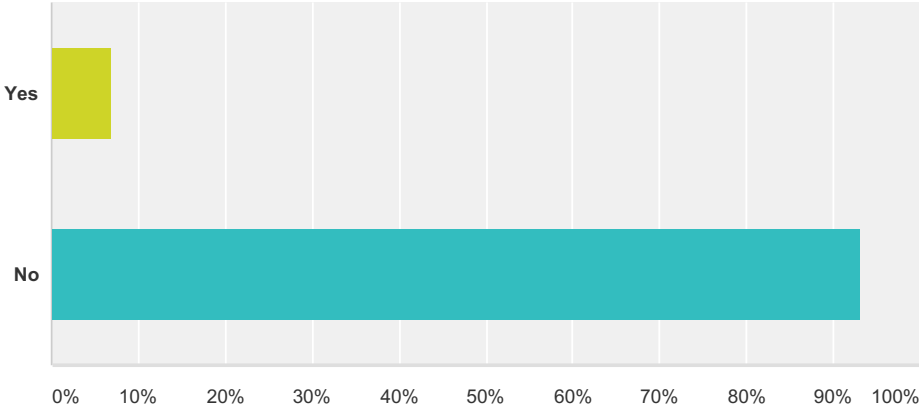
Answered: 149 Skipped: 43



Answer Choices	Responses	
Yes	24.16%	36
No	75.84%	113
<b>Total</b>		<b>149</b>

**Q29 Do you have any special access or functional needs within your household that would require early warning or specialized response during disasters?**

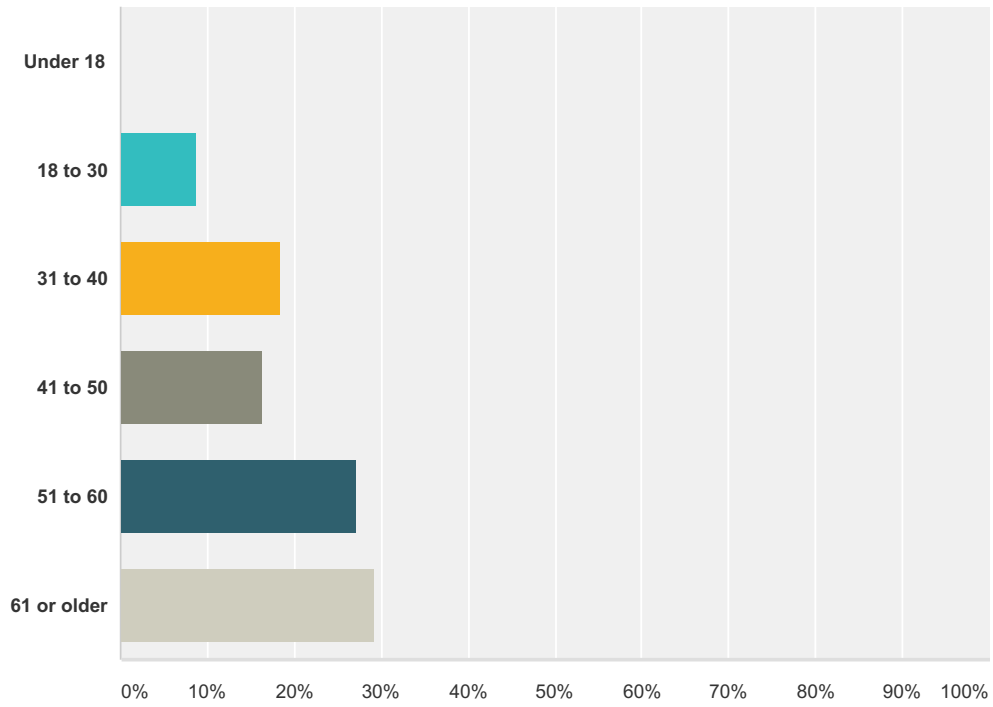
Answered: 147 Skipped: 45



Answer Choices	Responses	
Yes	6.80%	10
No	93.20%	137
<b>Total</b>		<b>147</b>

### Q30 Please indicate your age range:

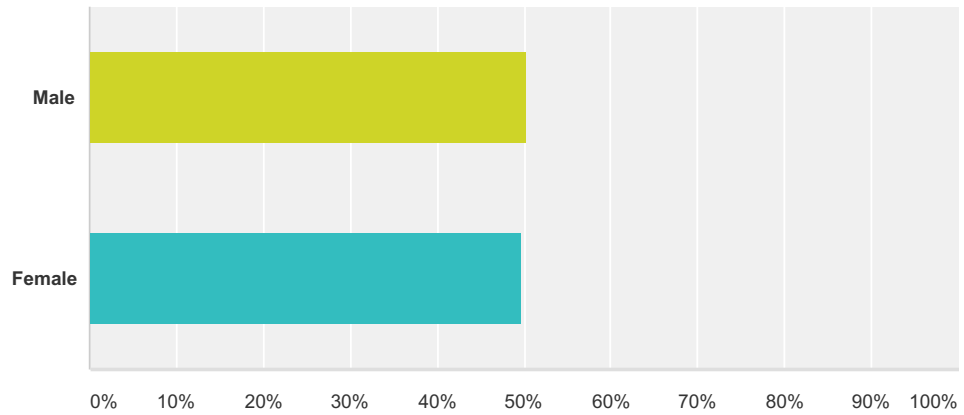
Answered: 147 Skipped: 45



Answer Choices	Responses	
Under 18	0.00%	0
18 to 30	8.84%	13
31 to 40	18.37%	27
41 to 50	16.33%	24
51 to 60	27.21%	40
61 or older	29.25%	43
<b>Total</b>		<b>147</b>

### Q31 Please indicate your gender:

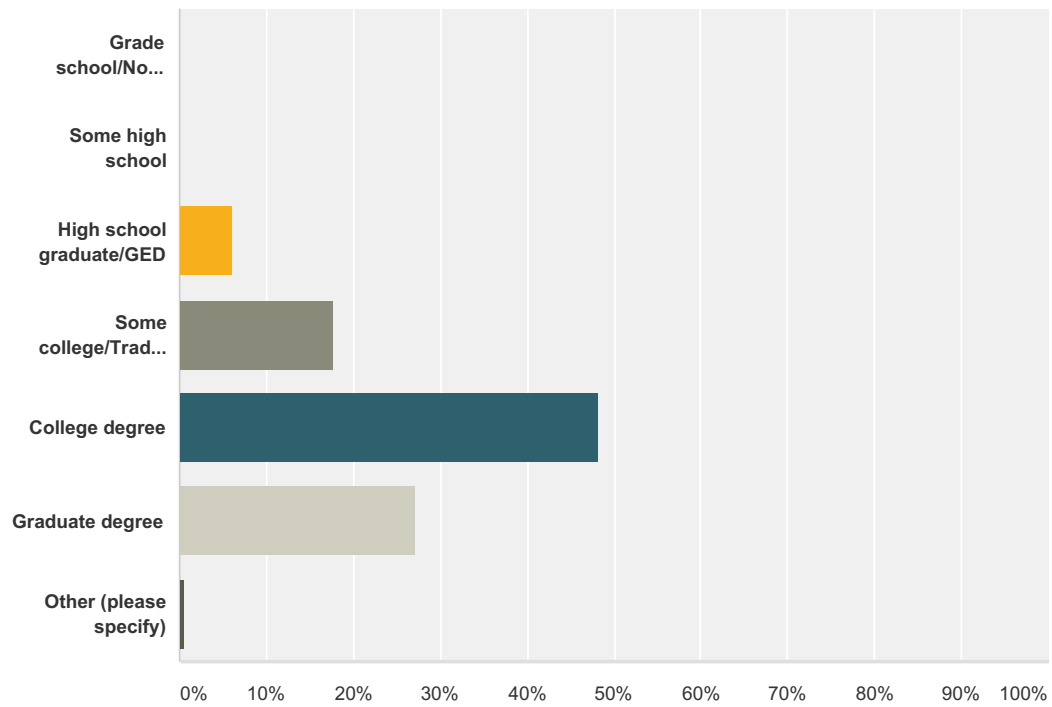
Answered: 147 Skipped: 45



Answer Choices	Responses
Male	50.34% 74
Female	49.66% 73
<b>Total</b>	<b>147</b>

### Q32 Please indicate your highest level of education.

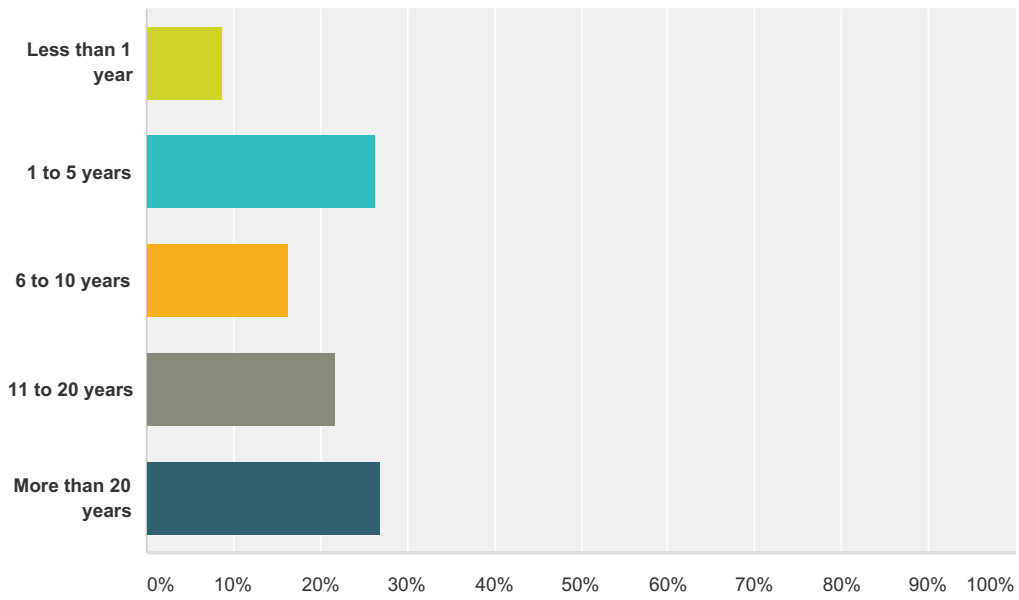
Answered: 147 Skipped: 45



Answer Choices	Responses	
Grade school/No schooling	0.00%	0
Some high school	0.00%	0
High school graduate/GED	6.12%	9
Some college/Trade school	17.69%	26
College degree	48.30%	71
Graduate degree	27.21%	40
Other (please specify)	0.68%	1
<b>Total</b>		<b>147</b>

### Q33 How long have you lived at your current residence?

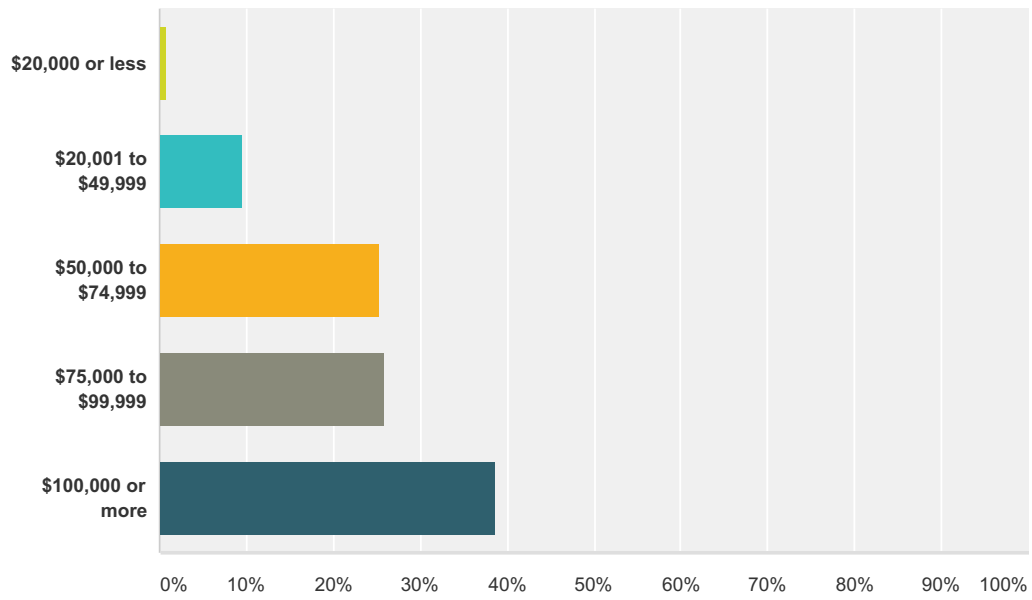
Answered: 148 Skipped: 44



Answer Choices	Responses	
Less than 1 year	8.78%	13
1 to 5 years	26.35%	39
6 to 10 years	16.22%	24
11 to 20 years	21.62%	32
More than 20 years	27.03%	40
<b>Total</b>		<b>148</b>

### Q34 How much is your gross household income?

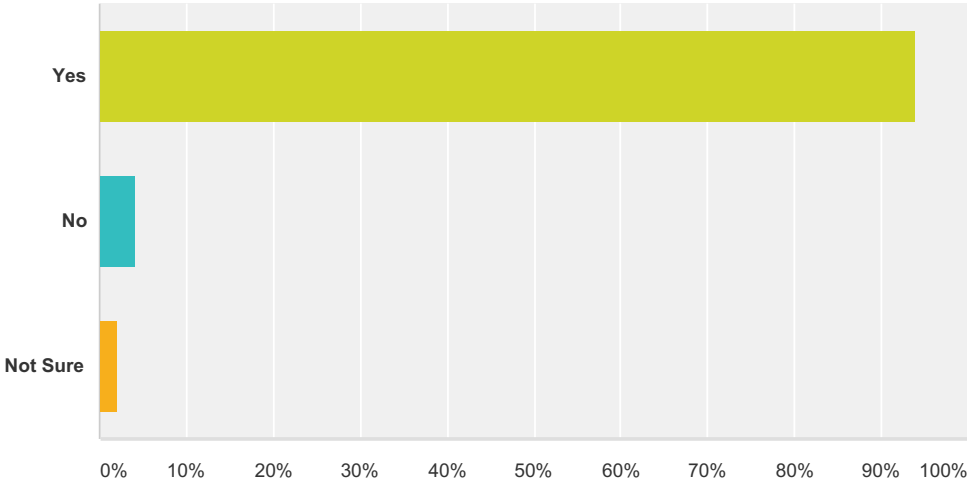
Answered: 135 Skipped: 57



Answer Choices	Responses	
\$20,000 or less	0.74%	1
\$20,001 to \$49,999	9.63%	13
\$50,000 to \$74,999	25.19%	34
\$75,000 to \$99,999	25.93%	35
\$100,000 or more	38.52%	52
<b>Total</b>		<b>135</b>

### Q35 Do you have regular access to the Internet?

Answered: 147 Skipped: 45



Answer Choices	Responses
Yes	93.88% 138
No	4.08% 6
Not Sure	2.04% 3
<b>Total</b>	<b>147</b>



**Q36 Comments**

Answered: 27 Skipped: 165