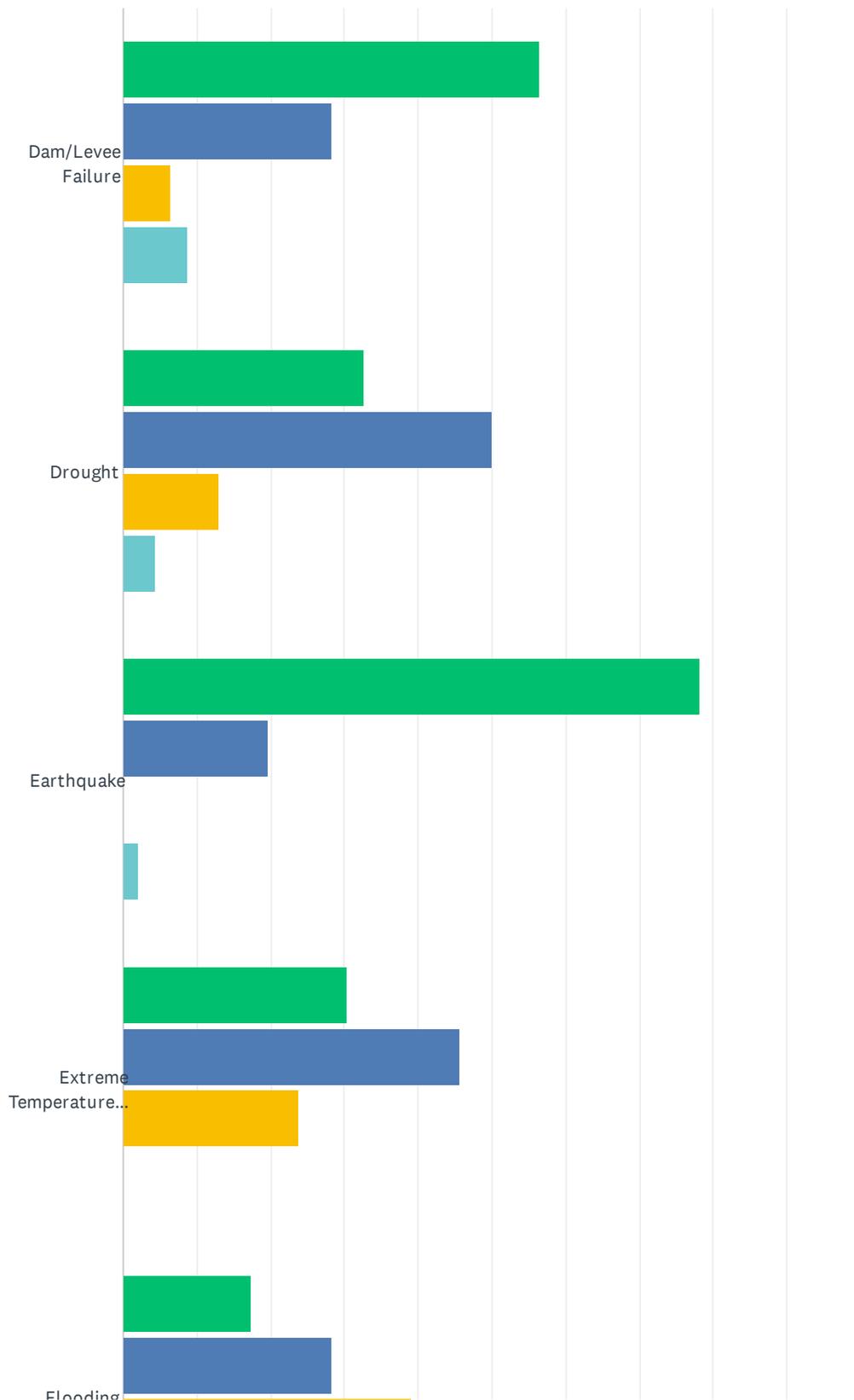


## APPENDIX 4: EVIDENCE OF PUBLIC INVOLVEMENT

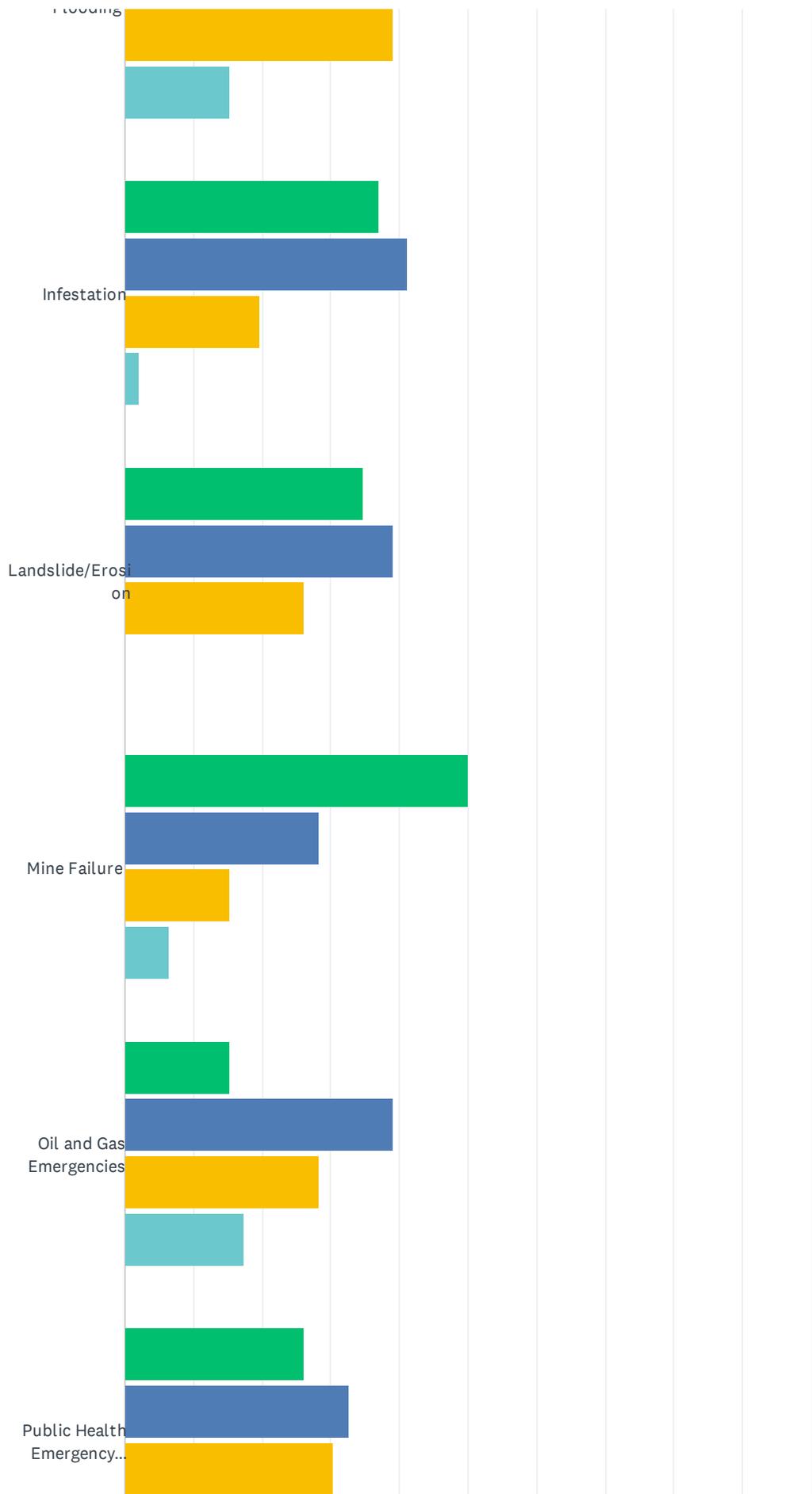


# Q1 Please indicate how concerned you are about the following hazards where you live.

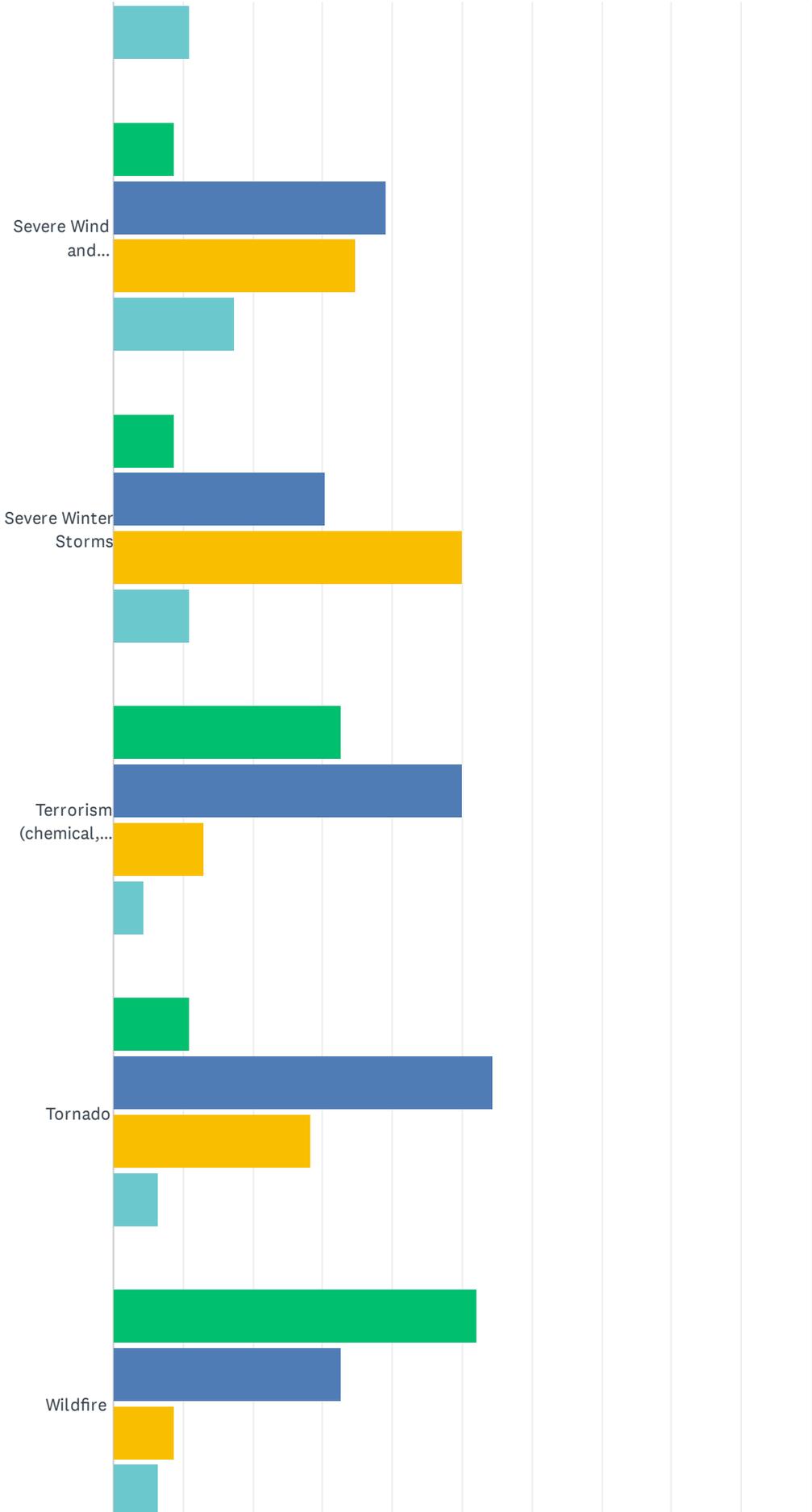
Answered: 46 Skipped: 0



# Carroll County Hazard Mitigation Survey



# Carroll County Hazard Mitigation Survey



## Carroll County Hazard Mitigation Survey



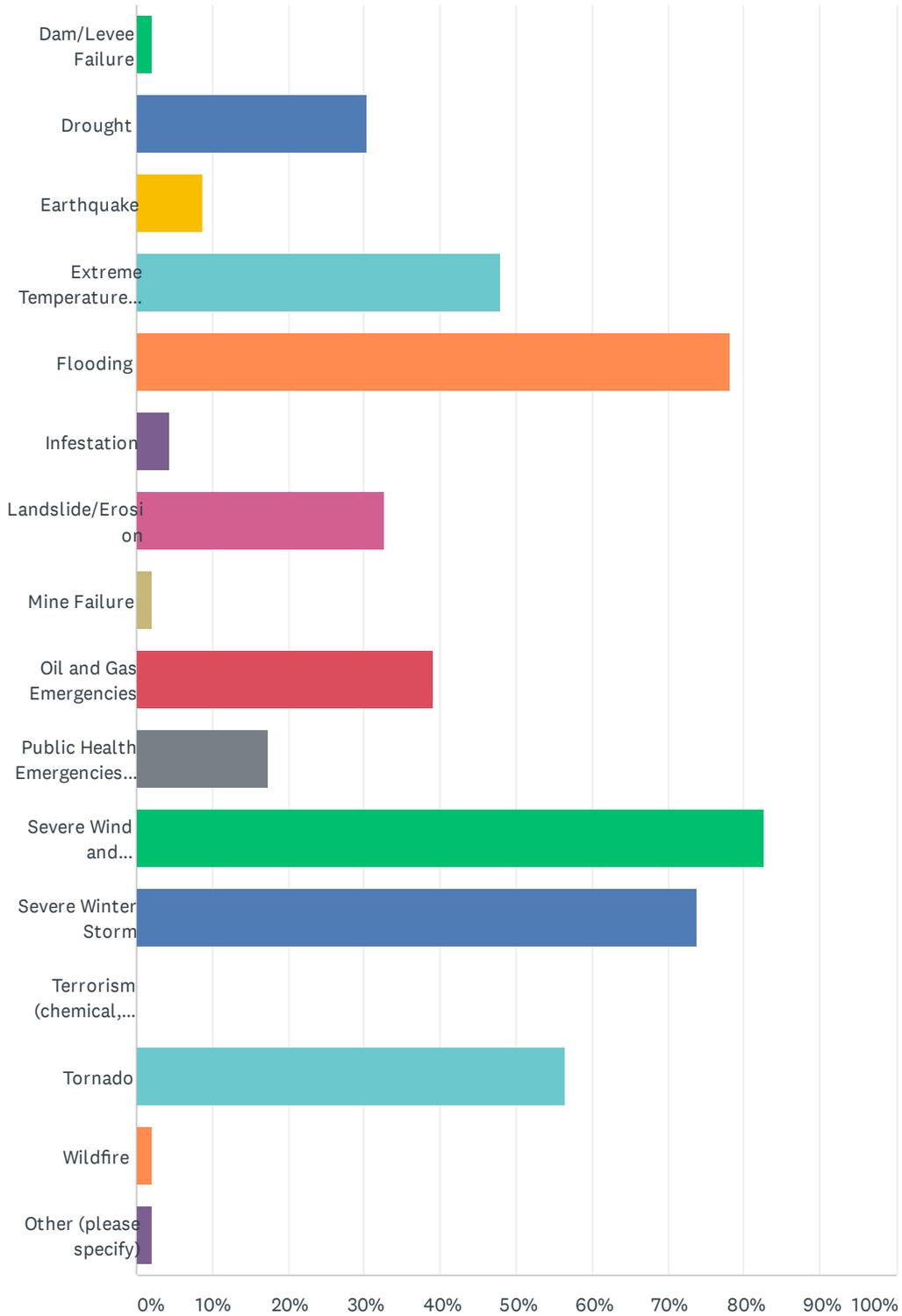
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

■ Not at all concerned   
 ■ Somewhat concerned   
 ■ Concerned  
■ Very concerned

	NOT AT ALL CONCERNED	SOMEWHAT CONCERNED	CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Dam/Levee Failure	56.52% 26	28.26% 13	6.52% 3	8.70% 4	46	1.67
Drought	32.61% 15	50.00% 23	13.04% 6	4.35% 2	46	1.89
Earthquake	78.26% 36	19.57% 9	0.00% 0	2.17% 1	46	1.26
Extreme Temperature (hot & cold)	30.43% 14	45.65% 21	23.91% 11	0.00% 0	46	1.93
Flooding	17.39% 8	28.26% 13	39.13% 18	15.22% 7	46	2.52
Infestation	36.96% 17	41.30% 19	19.57% 9	2.17% 1	46	1.87
Landslide/Erosion	34.78% 16	39.13% 18	26.09% 12	0.00% 0	46	1.91
Mine Failure	50.00% 23	28.26% 13	15.22% 7	6.52% 3	46	1.78
Oil and Gas Emergencies	15.22% 7	39.13% 18	28.26% 13	17.39% 8	46	2.48
Public Health Emergency (pandemic influenza, anthrax, etc.)	26.09% 12	32.61% 15	30.43% 14	10.87% 5	46	2.26
Severe Wind and Thunderstorm	8.70% 4	39.13% 18	34.78% 16	17.39% 8	46	2.61
Severe Winter Storms	8.70% 4	30.43% 14	50.00% 23	10.87% 5	46	2.63
Terrorism (chemical, biological, radiological, nuclear, and explosives)	32.61% 15	50.00% 23	13.04% 6	4.35% 2	46	1.89
Tornado	10.87% 5	54.35% 25	28.26% 13	6.52% 3	46	2.30
Wildfire	52.17% 24	32.61% 15	8.70% 4	6.52% 3	46	1.70

## Q2 In the past 10 years, which hazards do you remember occurring in your community? (Check all that apply)

Answered: 46 Skipped: 0

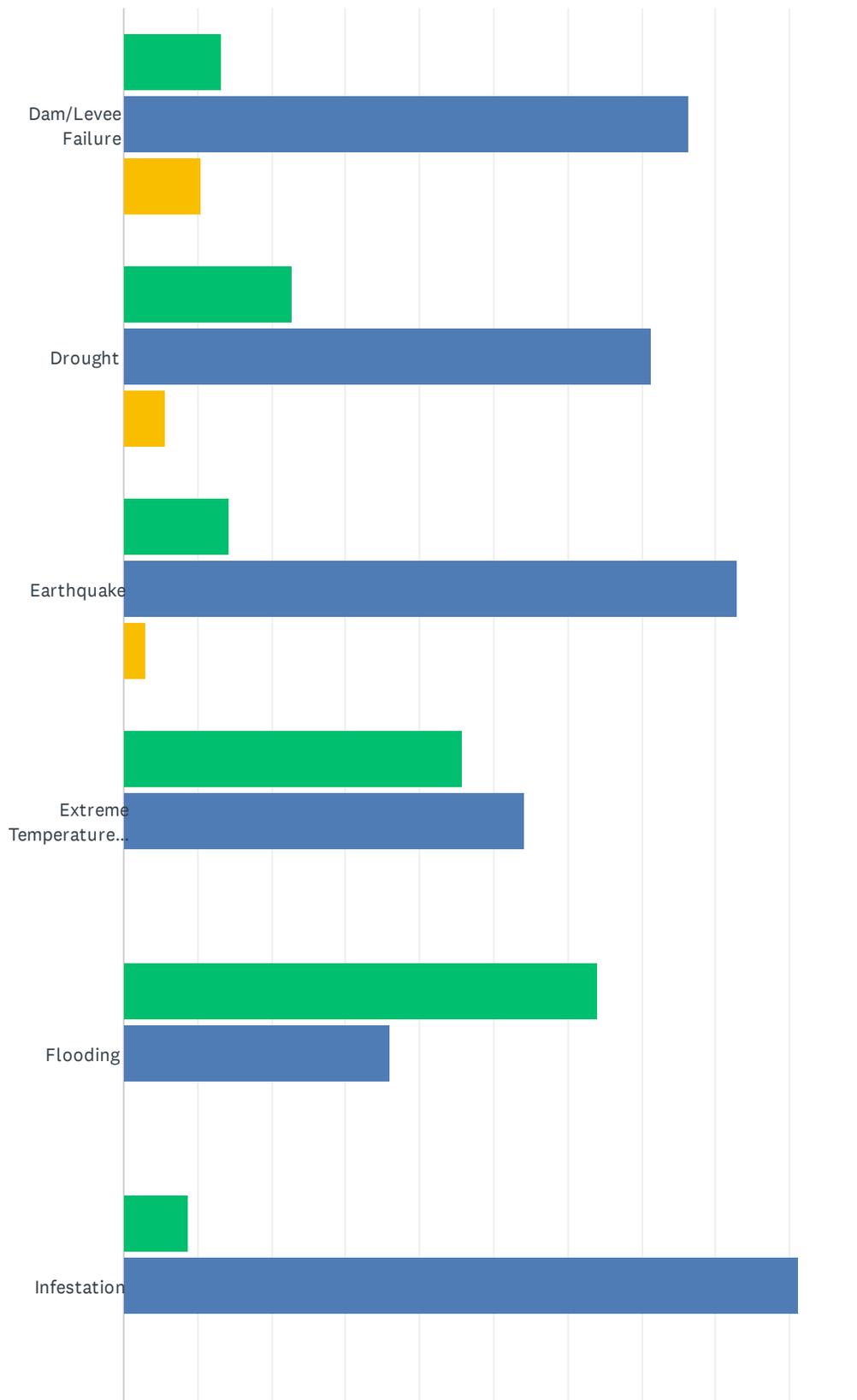


## Carroll County Hazard Mitigation Survey

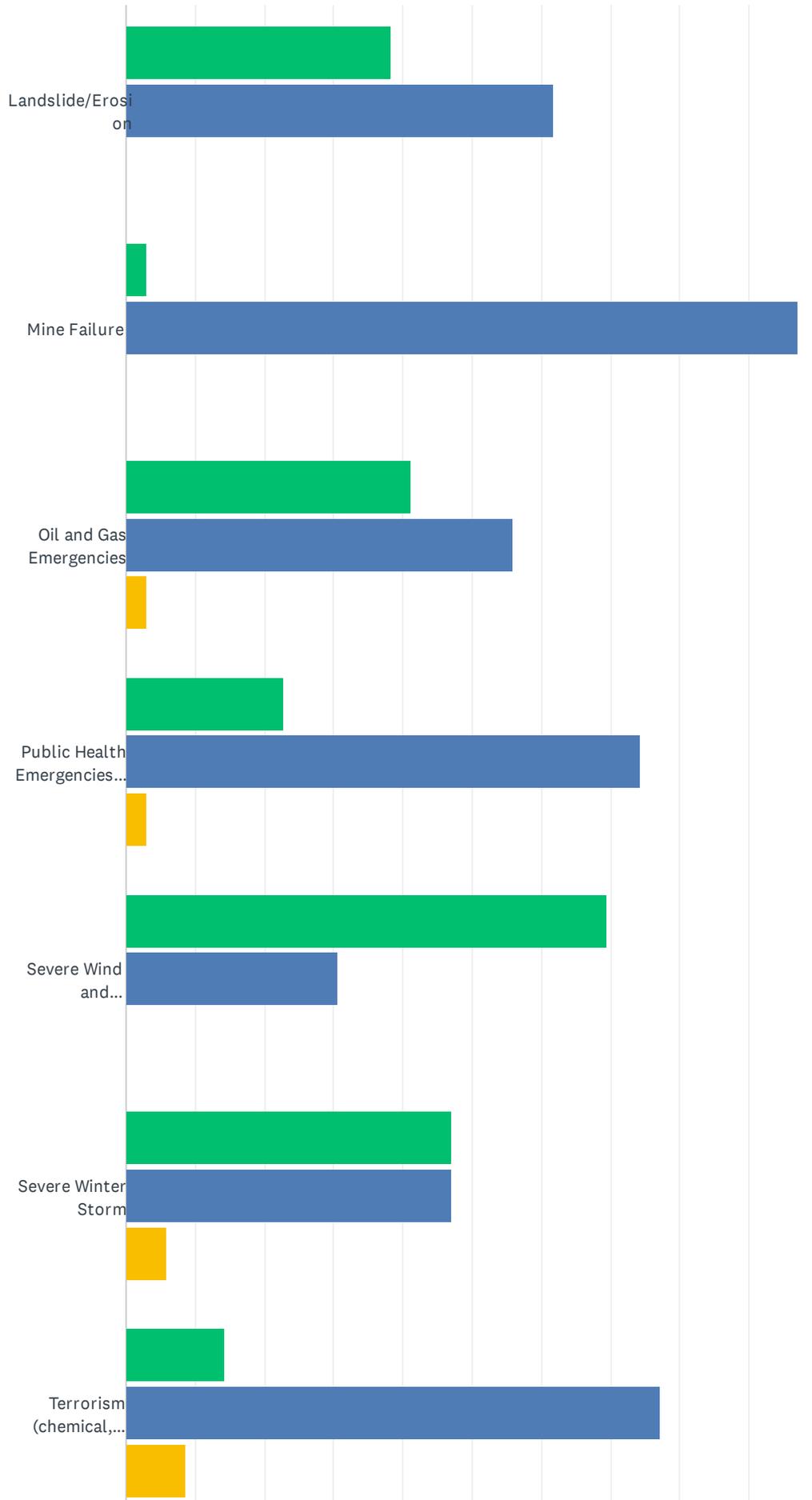
ANSWER CHOICES	RESPONSES	
Dam/Levee Failure	2.17%	1
Drought	30.43%	14
Earthquake	8.70%	4
Extreme Temperature (hot & cold)	47.83%	22
Flooding	78.26%	36
Infestation	4.35%	2
Landslide/Erosion	32.61%	15
Mine Failure	2.17%	1
Oil and Gas Emergencies	39.13%	18
Public Health Emergencies (pandemic influenza, etc.)	17.39%	8
Severe Wind and Thunderstorm	82.61%	38
Severe Winter Storm	73.91%	34
Terrorism (chemical, biological, radiological, nuclear, and explosives)	0.00%	0
Tornado	56.52%	26
Wildfire	2.17%	1
Other (please specify)	2.17%	1
Total Respondents: 46		

### Q3 Have you noticed an increase or decrease in the occurrences or intensity of any of the following hazards?

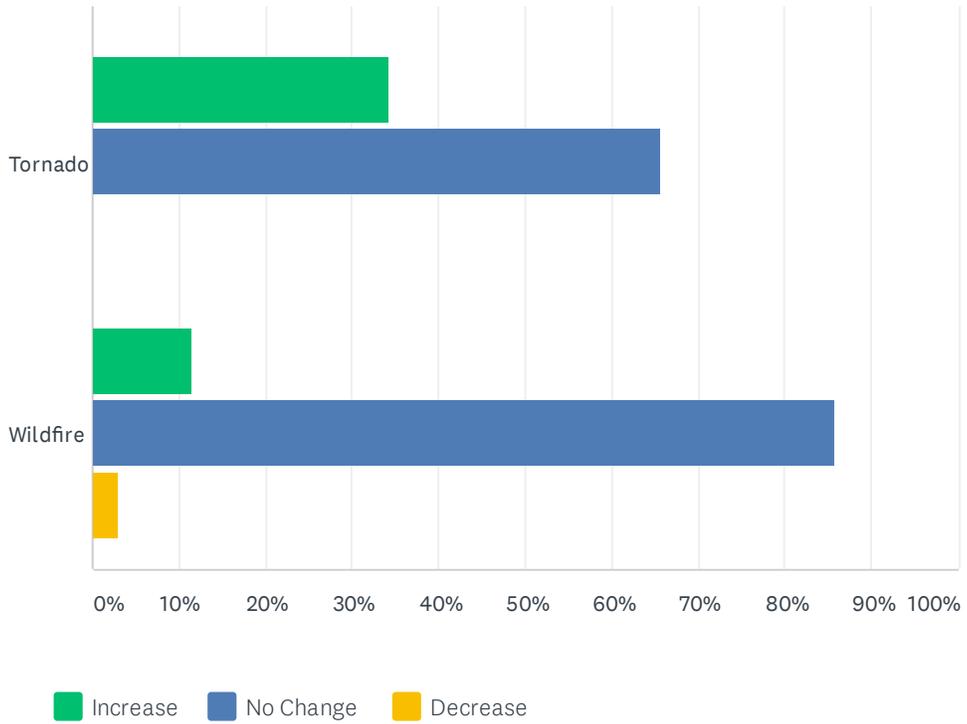
Answered: 44 Skipped: 2



# Carroll County Hazard Mitigation Survey



# Carroll County Hazard Mitigation Survey



## Carroll County Hazard Mitigation Survey

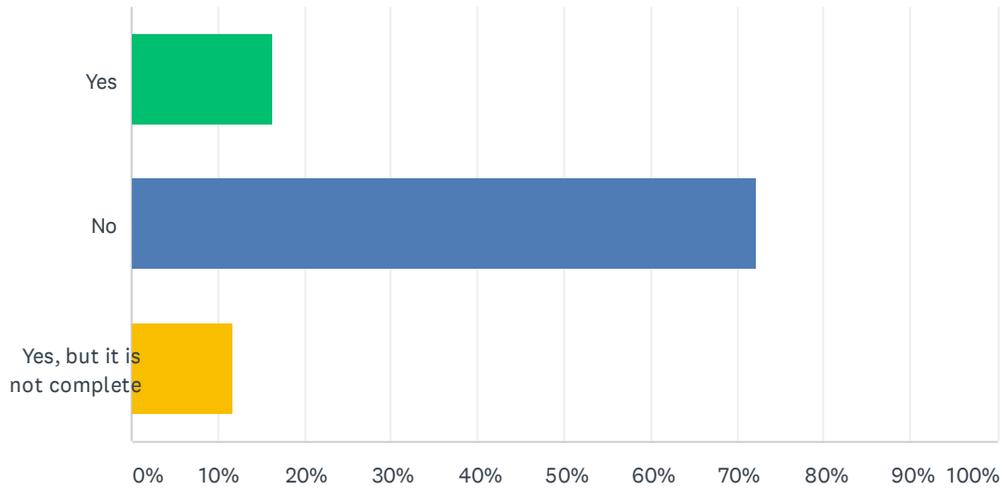
	INCREASE	NO CHANGE	DECREASE	TOTAL
Dam/Levee Failure	13.16% 5	76.32% 29	10.53% 4	38
Drought	22.86% 8	71.43% 25	5.71% 2	35
Earthquake	14.29% 5	82.86% 29	2.86% 1	35
Extreme Temperature (hot & cold)	45.71% 16	54.29% 19	0.00% 0	35
Flooding	64.10% 25	35.90% 14	0.00% 0	39
Infestation	8.82% 3	91.18% 31	0.00% 0	34
Landslide/Erosion	38.24% 13	61.76% 21	0.00% 0	34
Mine Failure	2.94% 1	97.06% 33	0.00% 0	34
Oil and Gas Emergencies	41.18% 14	55.88% 19	2.94% 1	34
Public Health Emergencies (pandemic influenza, anthrax, etc.)	22.86% 8	74.29% 26	2.86% 1	35
Severe Wind and Thunderstorm	69.44% 25	30.56% 11	0.00% 0	36
Severe Winter Storm	47.06% 16	47.06% 16	5.88% 2	34
Terrorism (chemical, biological, radiological, nuclear, and explosives)	14.29% 5	77.14% 27	8.57% 3	35
Tornado	34.29% 12	65.71% 23	0.00% 0	35
Wildfire	11.43% 4	85.71% 30	2.86% 1	35

Q4 If applicable, to what do you think the change could be attributed?

Answered: 7 Skipped: 39

## Q5 Do you have a 72-hour emergency kit in your home?

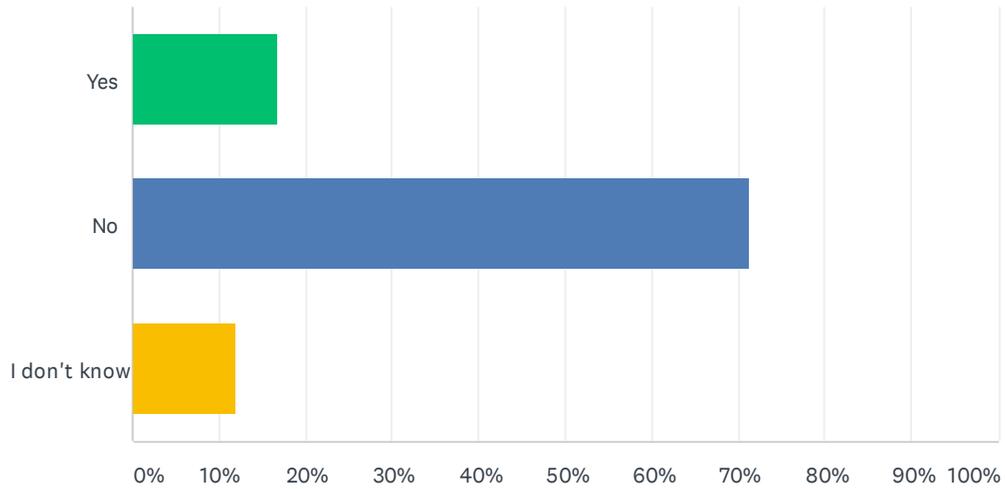
Answered: 43 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	16.28%	7
No	72.09%	31
Yes, but it is not complete	11.63%	5
<b>TOTAL</b>		<b>43</b>

## Q6 Do you live in a special flood hazard area (SFHA)?

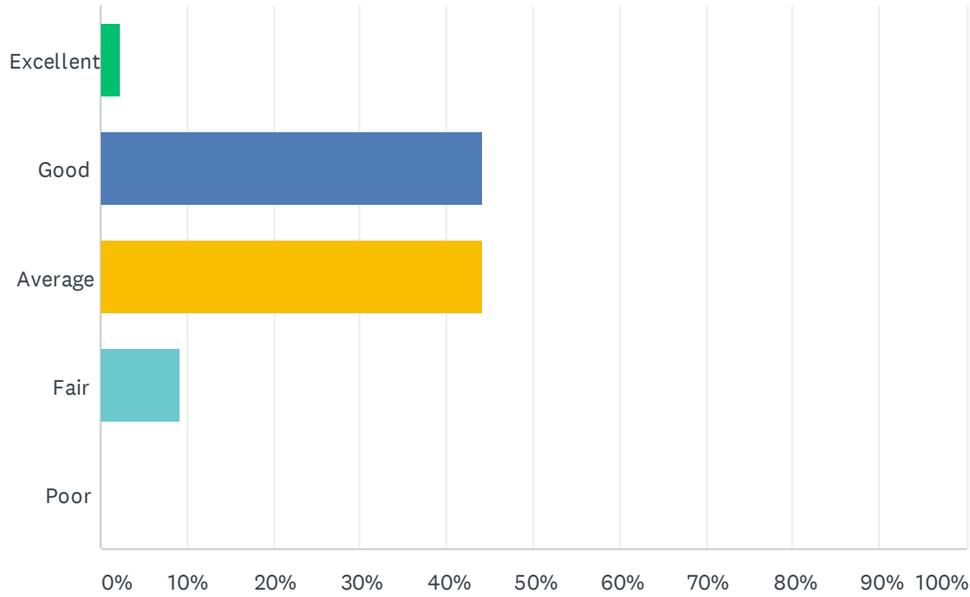
Answered: 42 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	16.67%	7
No	71.43%	30
I don't know	11.90%	5
TOTAL		42

### Q7 Think back to a recent occurrence (any from Question 2). How would you rate your community's ability to respond?

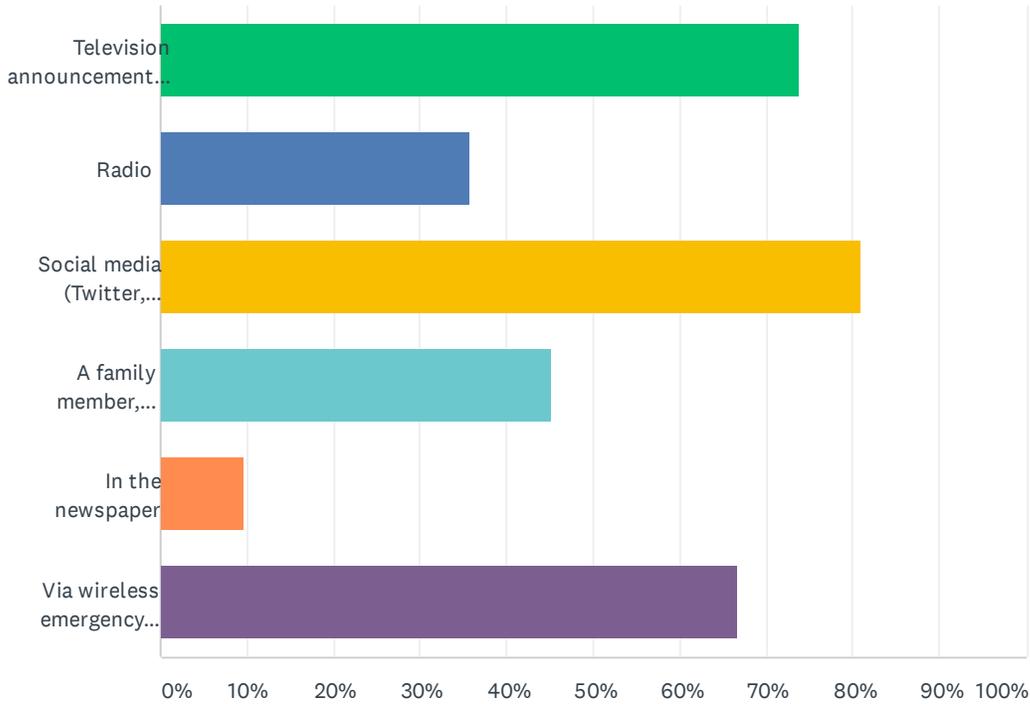
Answered: 43 Skipped: 3



ANSWER CHOICES	RESPONSES	
Excellent	2.33%	1
Good	44.19%	19
Average	44.19%	19
Fair	9.30%	4
Poor	0.00%	0
<b>TOTAL</b>		<b>43</b>

### Q8 How do you find out about upcoming hazards such as the ones previously mentioned? (Select all that apply)

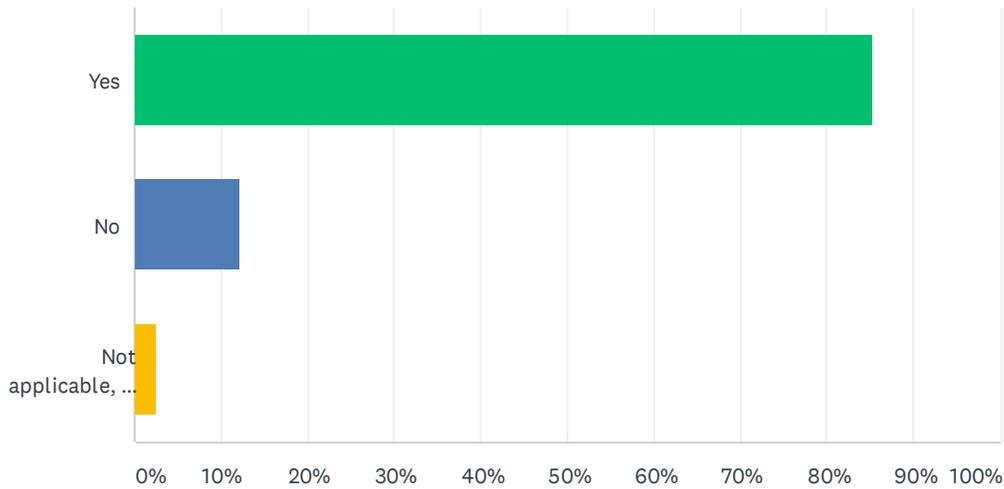
Answered: 42 Skipped: 4



ANSWER CHOICES	RESPONSES	
Television announcements or the news	73.81%	31
Radio	35.71%	15
Social media (Twitter, Facebook, etc.)	80.95%	34
A family member, neighbor, friend, or acquaintance	45.24%	19
In the newspaper	9.52%	4
Via wireless emergency notifications (e.g., text message)	66.67%	28
Total Respondents: 42		

### Q9 Do you receive timely, accurate, and effective notifications from these sources that allow you to make appropriate decisions about what to do?

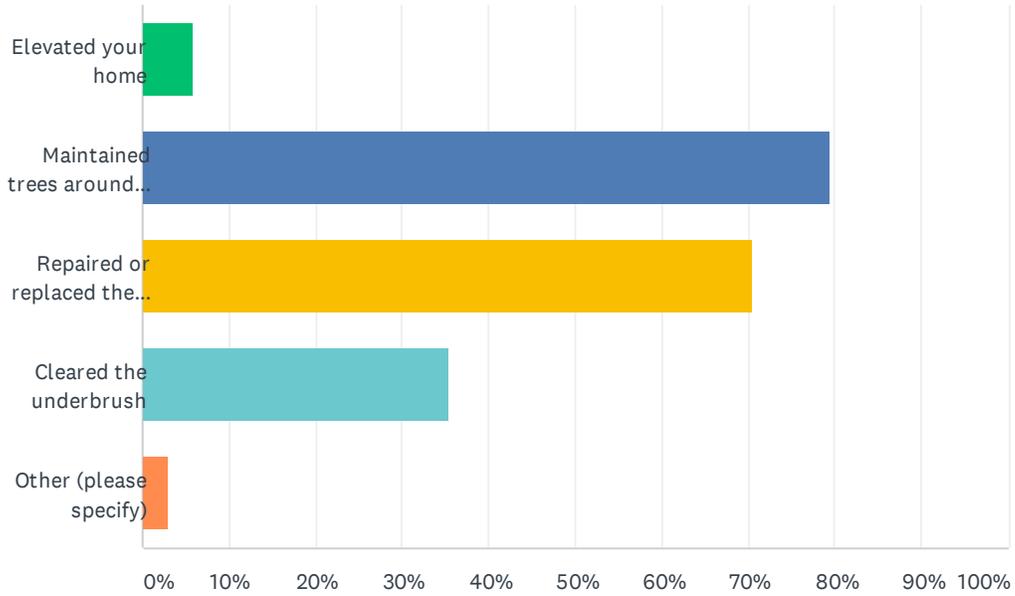
Answered: 41 Skipped: 5



ANSWER CHOICES	RESPONSES	
Yes	85.37%	35
No	12.20%	5
Not applicable, I do not receive notifications	2.44%	1
<b>TOTAL</b>		<b>41</b>

### Q10 Have you ever... (check all that apply)

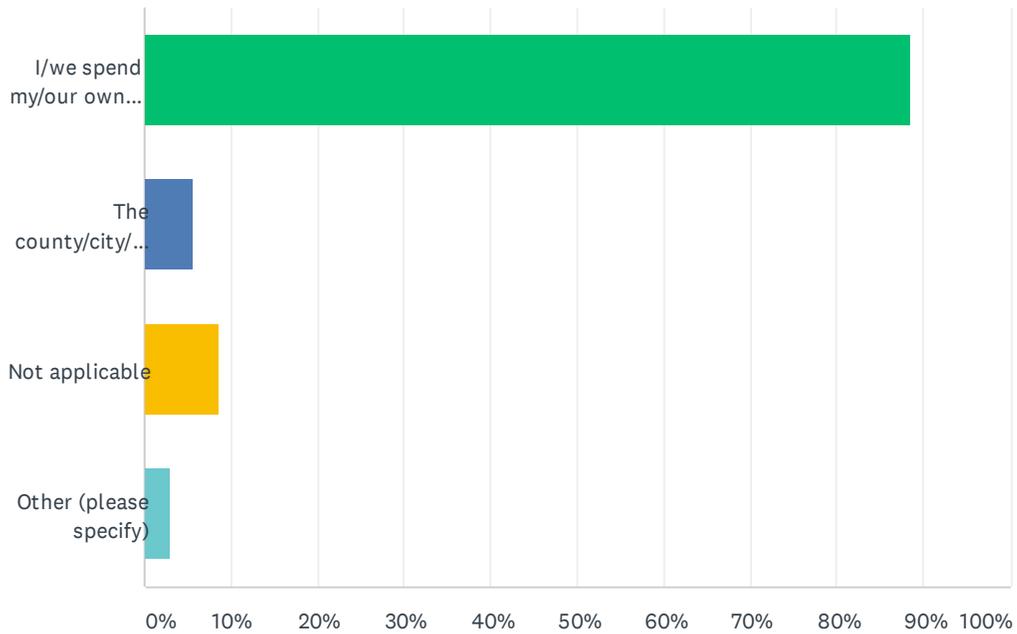
Answered: 34 Skipped: 12



ANSWER CHOICES	RESPONSES	
Elevated your home	5.88%	2
Maintained trees around the house or removed problematic trees	79.41%	27
Repaired or replaced the roof	70.59%	24
Cleared the underbrush	35.29%	12
Other (please specify)	2.94%	1
Total Respondents: 34		

### Q11 If you have done any of the previous to your property, how was it paid for?

Answered: 35 Skipped: 11

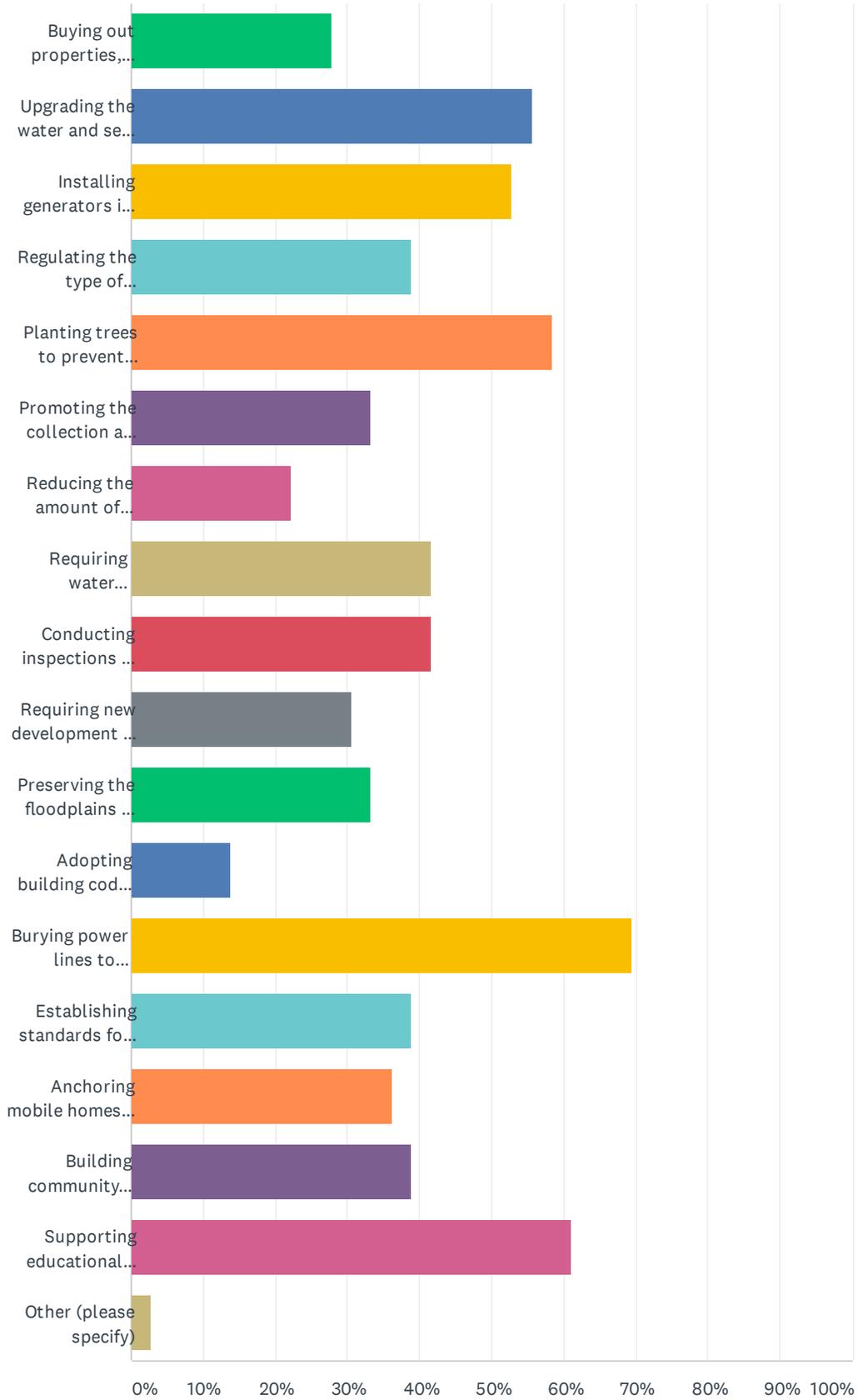


ANSWER CHOICES	RESPONSES	
I/we spend my/our own money	88.57%	31
The county/city/village paid for it	5.71%	2
Not applicable	8.57%	3
Other (please specify)	2.86%	1
Total Respondents: 35		

**Q12 Please indicate the types of mitigation actions you would support; these could be something you can do, or an initiative by your officials (check all that apply)**

Answered: 36 Skipped: 10

# Carroll County Hazard Mitigation Survey

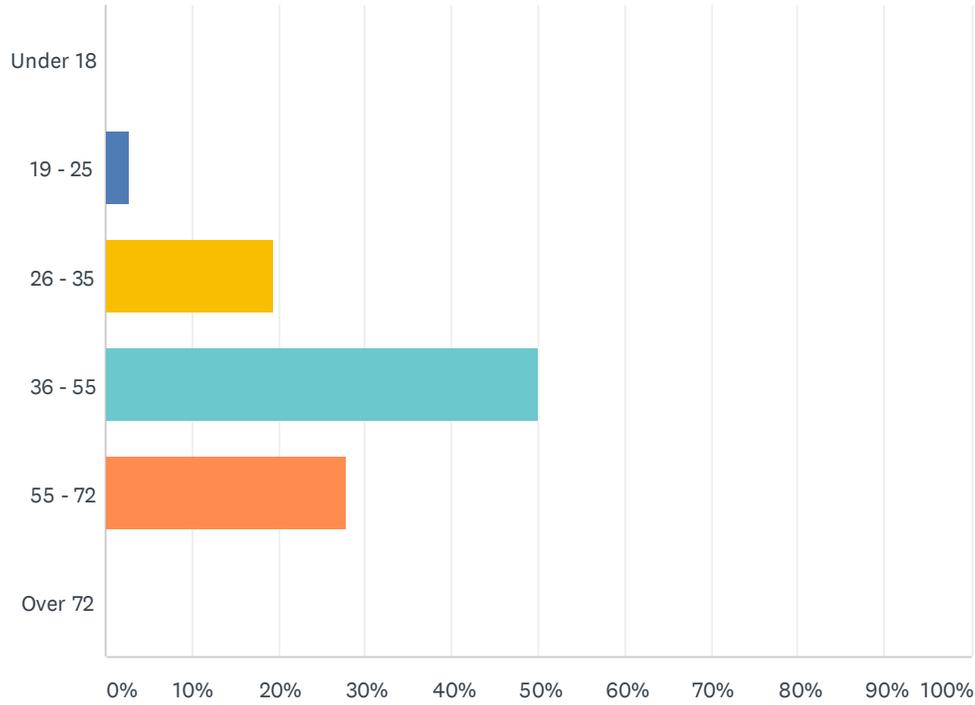


## Carroll County Hazard Mitigation Survey

ANSWER CHOICES	RESPONSES	
Buying out properties, relocating homes, or elevating structures that are prone to repetitive flooding	27.78%	10
Upgrading the water and sewer systems	55.56%	20
Installing generators in critical facilities such as hospitals, police stations, fire stations, etc.	52.78%	19
Regulating the type of development that is permitted in areas that are dangerous due to hazards	38.89%	14
Planting trees to prevent erosion and promote cooler micro-climates	58.33%	21
Promoting the collection and reuse of rainwater such as in rain gardens and green roofs	33.33%	12
Reducing the amount of surface pavement to reduce flooding and the heat island effect	22.22%	8
Requiring water conservation during drought conditions	41.67%	15
Conducting inspections of new construction and enforcing existing building codes	41.67%	15
Requiring new development to construct on-site retention basins for excessive stormwater runoff and as a firefighting water source	30.56%	11
Preserving the floodplains as open space	33.33%	12
Adopting building codes that go above and beyond the basic requirements of construction	13.89%	5
Burying power lines to provide uninterrupted power during severe weather	69.44%	25
Establishing standards for all utilities regarding tree pruning around lines	38.89%	14
Anchoring mobile homes and roof-mounted and ground equipment	36.11%	13
Building community shelters for tornadoes and severe weather events	38.89%	14
Supporting educational campaigns aimed at preparing the population for a variety of hazards	61.11%	22
Other (please specify)	2.78%	1
Total Respondents: 36		

### Q13 Please provide your age

Answered: 36 Skipped: 10

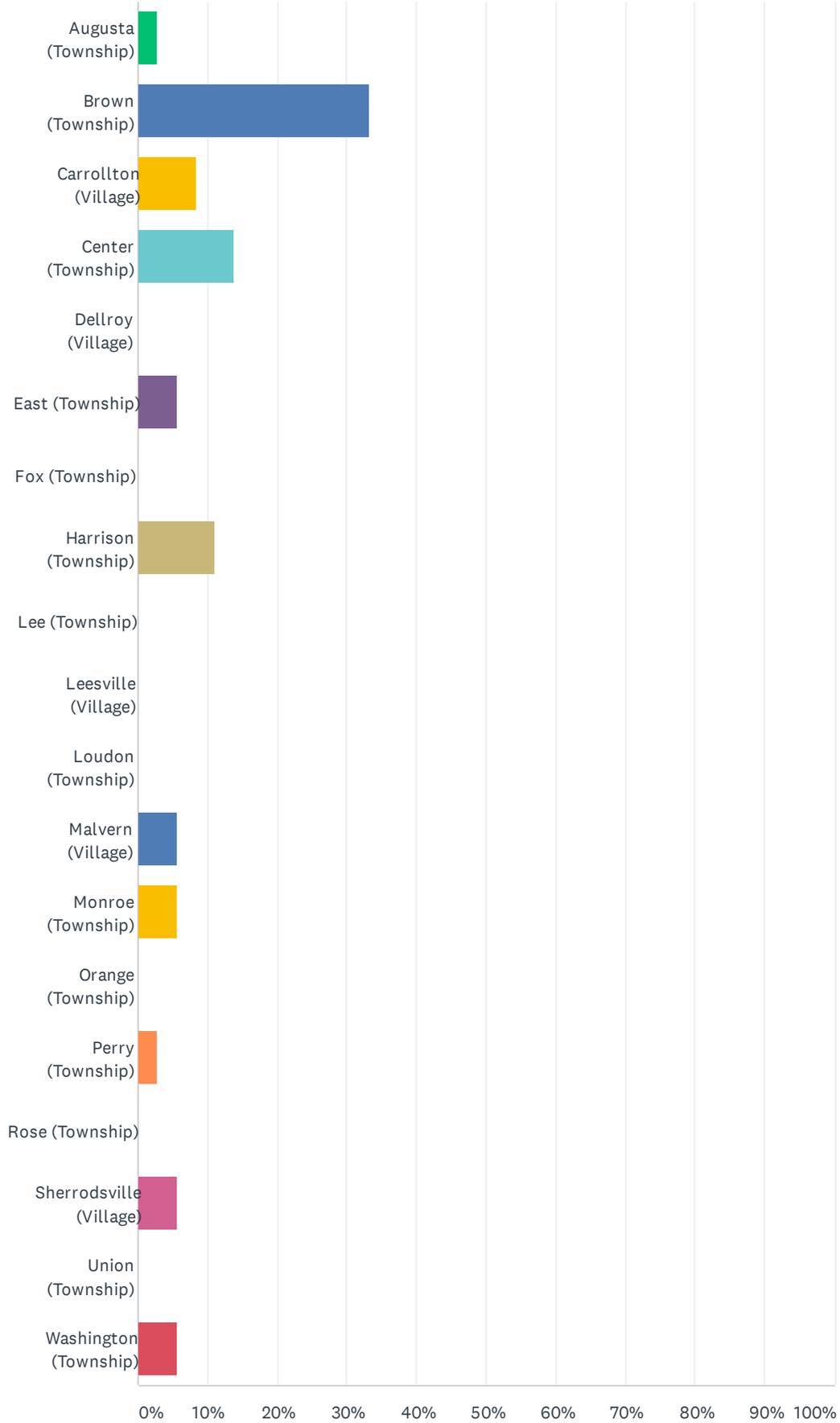


ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
19 - 25	2.78%	1
26 - 35	19.44%	7
36 - 55	50.00%	18
55 - 72	27.78%	10
Over 72	0.00%	0
<b>TOTAL</b>		<b>36</b>

**Q14 In which community do you live (or work, if you do not live in Carroll County)?**

Answered: 36 Skipped: 10

# Carroll County Hazard Mitigation Survey

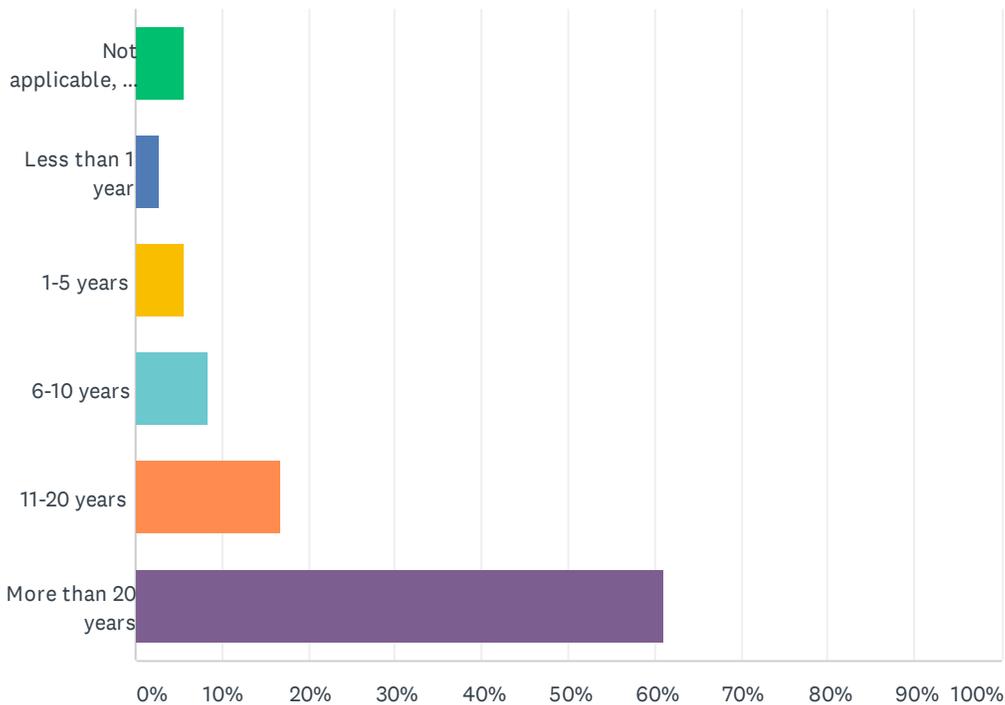


## Carroll County Hazard Mitigation Survey

ANSWER CHOICES	RESPONSES	
Augusta (Township)	2.78%	1
Brown (Township)	33.33%	12
Carrollton (Village)	8.33%	3
Center (Township)	13.89%	5
Dellroy (Village)	0.00%	0
East (Township)	5.56%	2
Fox (Township)	0.00%	0
Harrison (Township)	11.11%	4
Lee (Township)	0.00%	0
Leesville (Village)	0.00%	0
Loudon (Township)	0.00%	0
Malvern (Village)	5.56%	2
Monroe (Township)	5.56%	2
Orange (Township)	0.00%	0
Perry (Township)	2.78%	1
Rose (Township)	0.00%	0
Sherrodsville (Village)	5.56%	2
Union (Township)	0.00%	0
Washington (Township)	5.56%	2
<b>TOTAL</b>		<b>36</b>

## Q15 How long have you resided in your community?

Answered: 36 Skipped: 10



ANSWER CHOICES	RESPONSES	
Not applicable, I do not live in Carroll County	5.56%	2
Less than 1 year	2.78%	1
1-5 years	5.56%	2
6-10 years	8.33%	3
11-20 years	16.67%	6
More than 20 years	61.11%	22
<b>TOTAL</b>		<b>36</b>

**Q16 Please write any comments here.**

Answered: 1 Skipped: 45