

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #5
MINUTES

Date: Thursday, January 23, 2020
Time: 1:30 p.m.
Duration: 90 minutes
Location: Adams County Emergency Services
230 Greenamyer Lane
Gettysburg, PA, 17325

The full Adams County hazard mitigation planning committee met for the fifth time on Thursday, January 23, 2020. This committee meeting doubled as a public meeting. The public session began at 2:30 p.m. (per the published advertisement), and as such, the committee tended to new business within the first hour and reserved the final portion of the meeting for draft review and discussion. Committee business included four primary items: (a) a historical/cultural resources subcommittee meeting, (b) public survey results, (c) the plan maintenance process, and (d) punch-list items for plan completion.

The consultant provided an overview of the historical/cultural resources subcommittee meeting, which occurred via teleconference on Thursday, January 16, 2020. As a result of that discussion, the consultant will ensure that the Eisenhower National Historic Site appears more prominently in the 2020 plan. Further, when reviewing the National Register of Historic Places list for Adams County, one might find it to be rather short. In addition to the numerous artifacts at the battlefield/military park, several listings are historic districts. Those districts include numerous sites not listed individually on the registry. The 2020 update will be sensitive to this fact, as well include the newly-designated Fruit Belt Historic District. Finally, the subcommittee realized the value of undertaking mitigation projects that benefit single historical/cultural assets but felt that engaging municipalities in a process to prioritize assets *within their corporate limits* for protection was a more strategic approach to ensuring risk reduction for those assets. The full committee agreed, and discussion followed about not just tangible historical artifacts or sites, but also events and quality of life features that contribute to the area's culture. To close out the historical/cultural discussion, the consultant asked the committee's preference on the presentation of that material (i.e., interspersed throughout the plan versus a subsection). The committee requested the

information appear as a subsection.

Next, the consultant discussed the plan maintenance process for the 2020-2025 planning cycle by indicating that regulatory agencies prefer a regular periodic meeting schedule. The committee agreed, and after discussion, felt that embedding an annual hazard mitigation planning discussion into a council of governments (COG) meeting would be most beneficial. Further, the committee decided to ask the COG to create a standing hazard mitigation agenda item for all of its meetings. During the third year of the cycle, the Adams County Department of Emergency Services (ACDES) will host an online survey to engage residents. ACDES will present the results of the survey to the COG under the mitigation agenda item during the year in which it collects the data. Generally, the committee felt that the primary task in Year 1 of the planning cycle will be ensuring countywide adoption of the plan; Year 2 will focus on hazard identification and risk analysis; Year 3 will be the public survey; Year 4 will be an update on project implementation; Year 5 will serve as the point at which the county updates the plan. Of course, this schedule is a guide; organic discussions of any topic related to mitigation will ensure the maintenance of the 2020 update.

The consultant then presented the results of the public survey hosted between November 2019 and January 2020. The survey included 150 responses, and approximately six residents utilized the point/click/narrative feature on the map hosted by the Adams County Office of Planning and Development. The consultant explained that the survey results would be provided to the committee (see attached).

Fourth, the consultant presented a punch-list of items necessary for completion of the draft. During the week of January 27, ACDES will continue to post draft materials on its website. Municipalities will have through February 14th to review and comment on the drafts. If necessary, the review period can extend to February 21st. The ACDES and the consultant will compile and submit the full draft to PEMA during the week following the jurisdictional review. Once the plan receives “approved pending adoption” (APA) status, the consultant will support ACDES and the municipalities in the adoption process.

No members of the public attended the public portion of the meeting. The committee used this time to discuss draft materials with the consultant.

Attachments:

1. Sign-In Sheet
2. Maryland Flood Mitigation Guide for Historic Buildings:
<https://forum.savingplaces.org/blogs/anthony-veerkamp/2019/05/10/md-flood-mitigation-guide-for-historic-buildings>
3. Public Survey Data Summary

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 5

Meeting Date: January 23, 2020

Facilitator: JH Consulting, LLC

Place/Room: Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Veronica Jean Feiser	SMA Oxford Twp	717 621 4544	oxftwp@comcast.net
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Ken Wolf	Menallen TWP	717-677-0635	MenallenTwp@centurylink.net
Susan Plank	Franklin	212-334-4901	
Thomas Leedy	ACDES Arcadia Twp	717-321-0567	
Winona Peterson	CR Program Mgr Gettysburg NMP	717-338-4482	
Susan Wagle	Secretary / Treas. FAIRFIELD BOW	717-642-5640	wagso@fairfieldpa.com
Pete DePre	Irishtown Fire	413 398 5521	pd21@aol.com
JEFFERY HARVEY	JH CONSULTING	304 473 1009	jharvey@jhc.com
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SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 5

Meeting Date: January 23, 2020

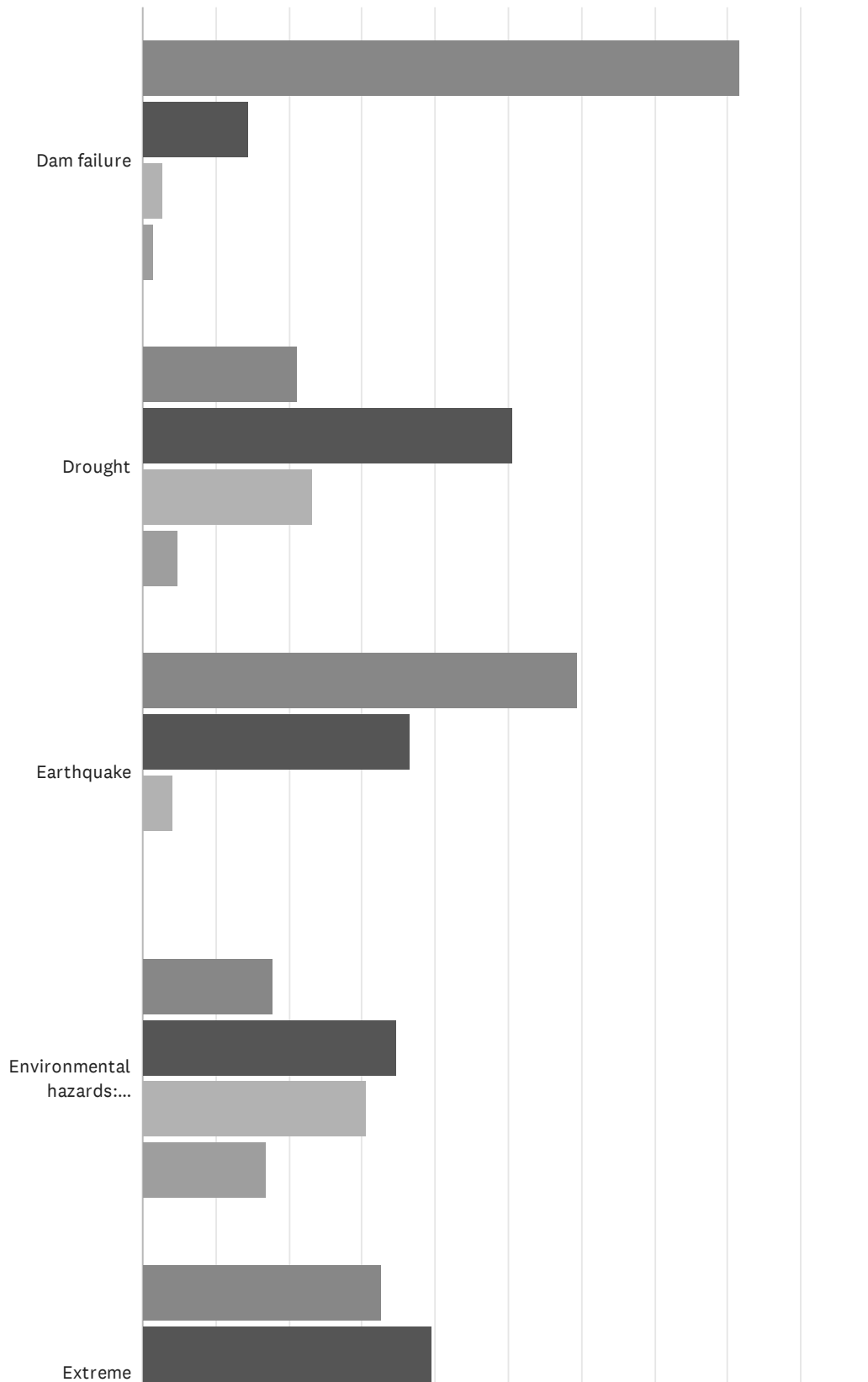
Facilitator: JH Consulting, LLC

Place/Room: Classroom 1

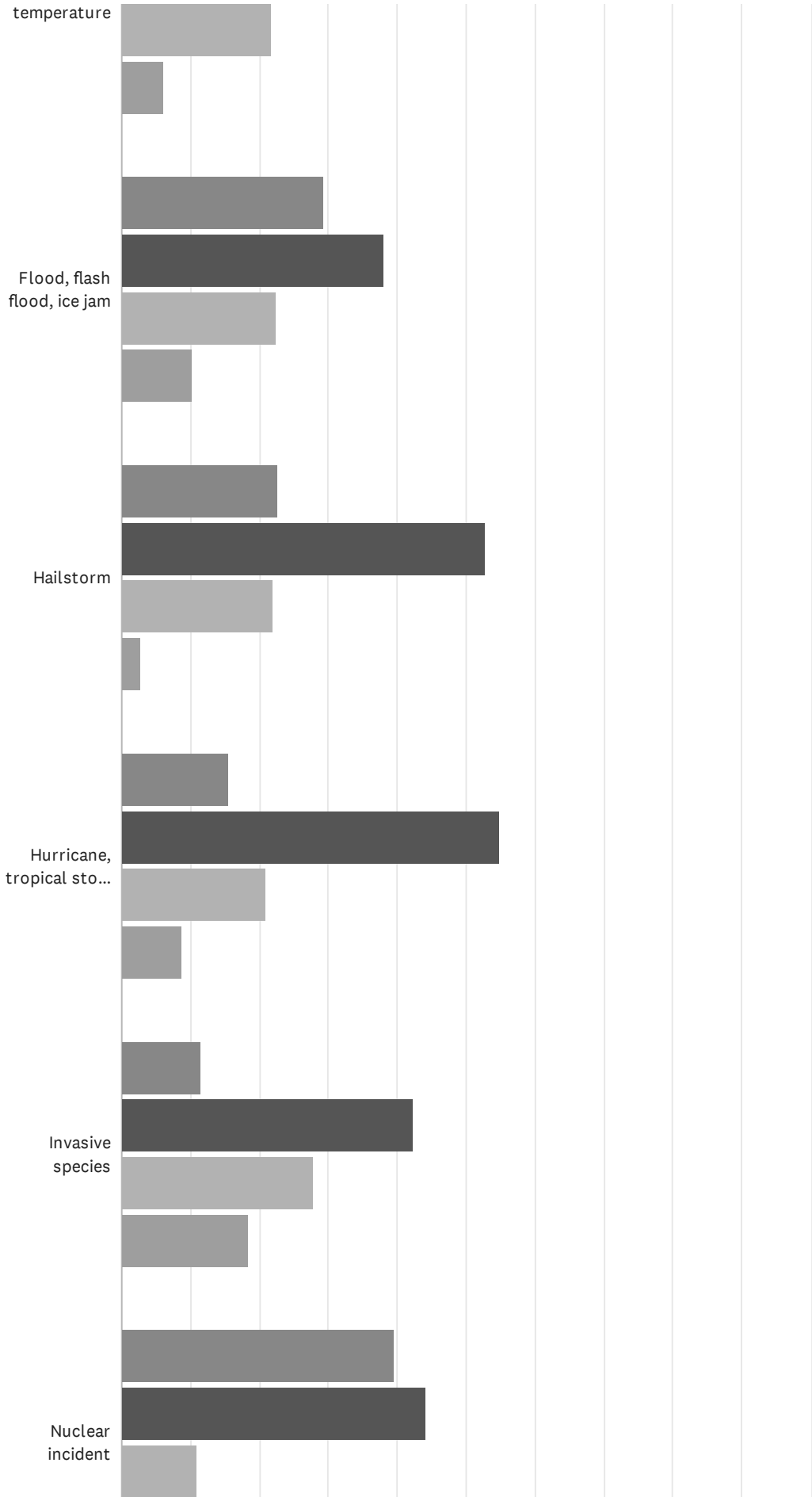
Name	Title / Organization	Phone/Cellular	E-Mail
MIKE SHANE BLOOK	Brownsville Council President	717-334-2069	
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BOB GORDON	SUPV. HANOVER	717-642-8037	hgordon@hanover
Scott Small	conewago twp		
DICKY REDMAN	Adams County Planning CHIEF POLICE	717-337-9827	brodman@adamscounty.us
JAMES GRAHAM	ABBOTTSTOWN	717-680-0002	Abbottstown Borough police_depar@comcast.i
Sheri Moyer	secretary MT. JOY TWP	717-359-4500	secretary@mtjoytwp.us
SANDI VAZQUEZ	sec/Tp Biglerville Boro	717-677-9488	biglerville@comcast.net

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

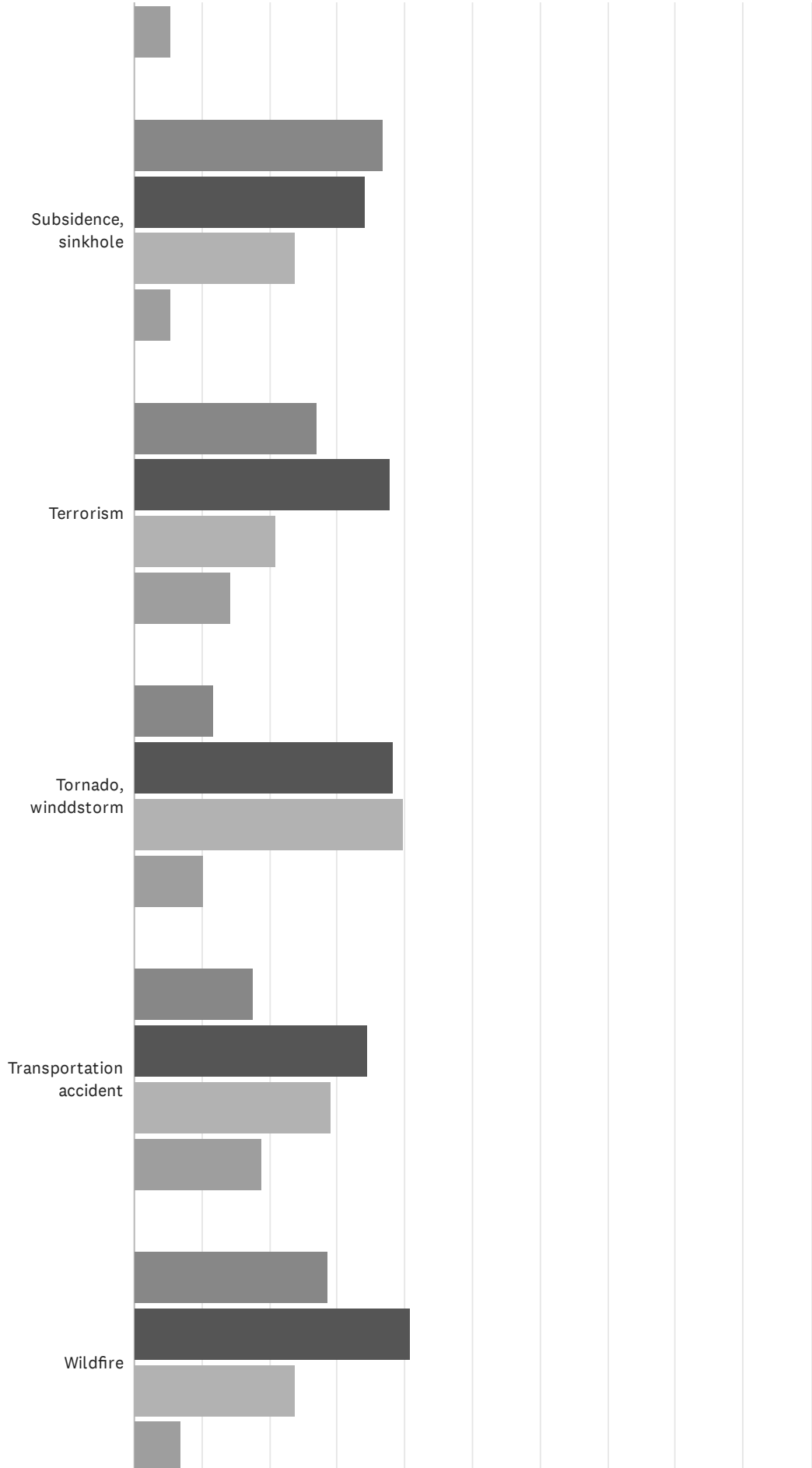
Answered: 149 Skipped: 1



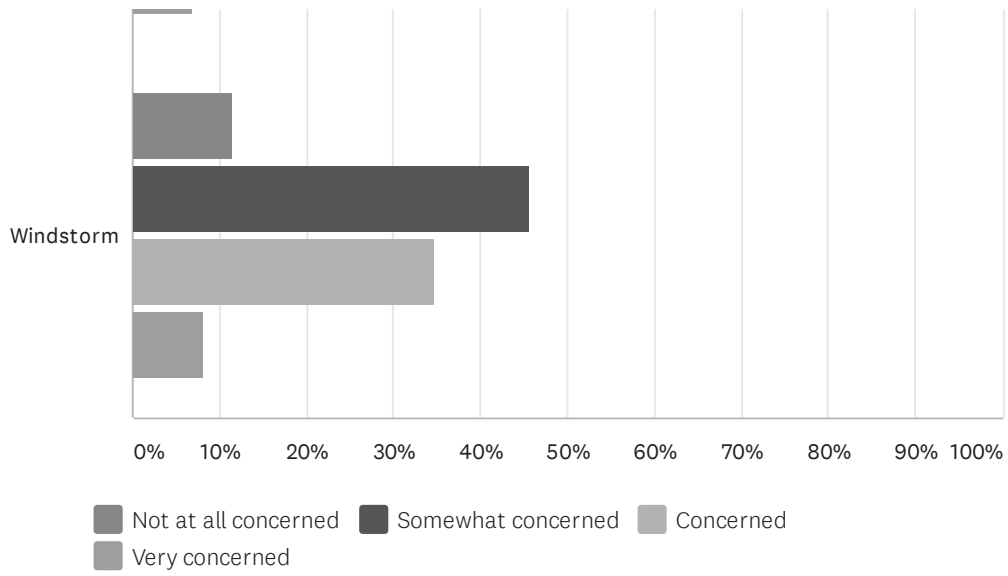
Adams County Hazard Mitigation Survey



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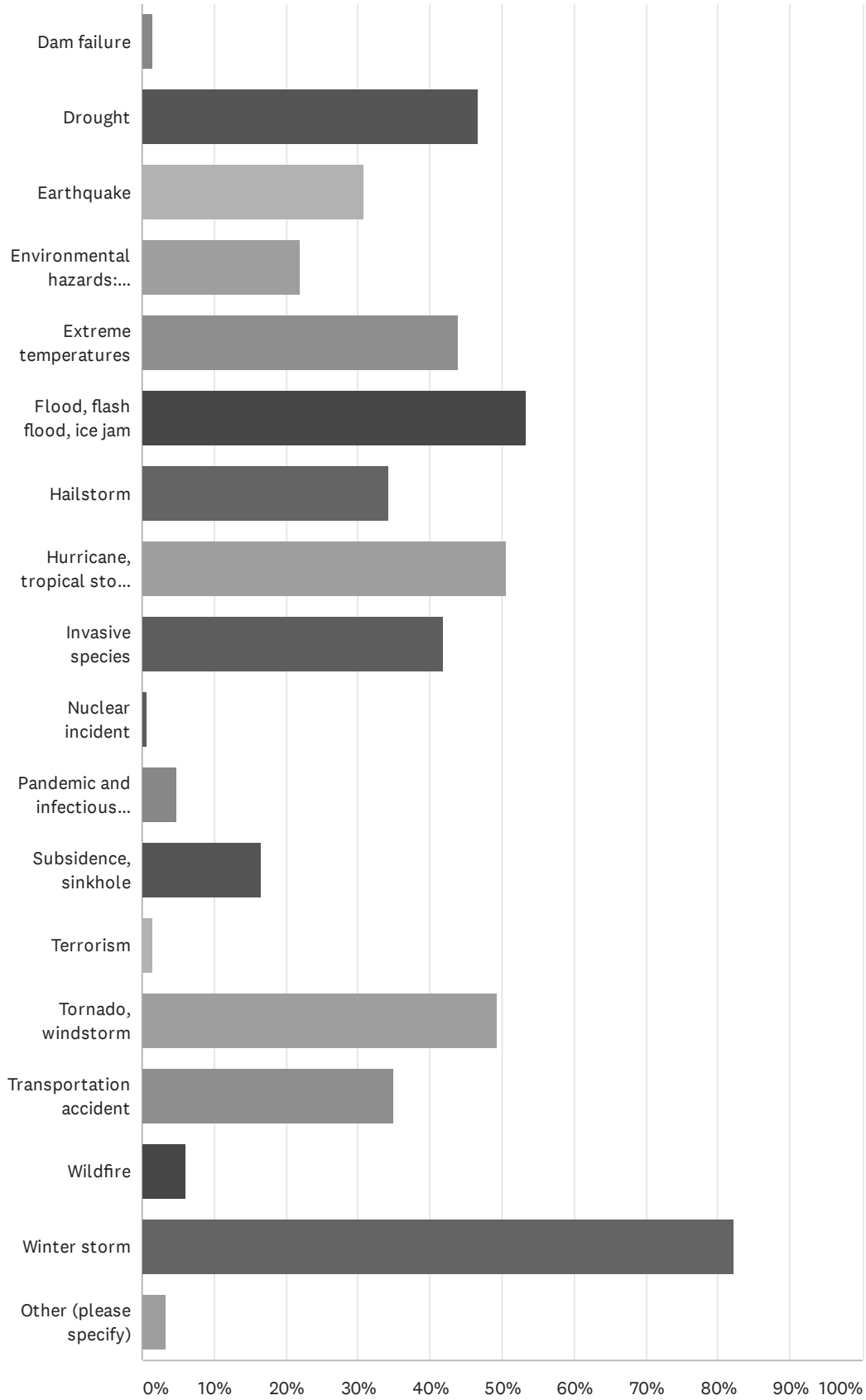
Adams County Hazard Mitigation Survey

	NOT AT ALL CONCERNED	SOMEWHAT CONCERNED	CONCERNED	VERY CONCERNED	TOTAL
Dam failure	81.51% 119	14.38% 21	2.74% 4	1.37% 2	146
Drought	21.23% 31	50.68% 74	23.29% 34	4.79% 7	146
Earthquake	59.31% 86	36.55% 53	4.14% 6	0.00% 0	145
Environmental hazards: Hazardous materials response	17.69% 26	34.69% 51	30.61% 45	17.01% 25	147
Extreme temperature	32.65% 48	39.46% 58	21.77% 32	6.12% 9	147
Flood, flash flood, ice jam	29.25% 43	38.10% 56	22.45% 33	10.20% 15	147
Hailstorm	22.60% 33	52.74% 77	21.92% 32	2.74% 4	146
Hurricane, tropical storm, Nor'easter	15.54% 23	54.73% 81	20.95% 31	8.78% 13	148
Invasive species	11.56% 17	42.18% 62	27.89% 41	18.37% 27	147
Nuclear incident	39.46% 58	44.22% 65	10.88% 16	5.44% 8	147
Subsidence, sinkhole	36.73% 54	34.01% 50	23.81% 35	5.44% 8	147
Terrorism	27.03% 40	37.84% 56	20.95% 31	14.19% 21	148
Tornado, windstorm	11.64% 17	38.36% 56	39.73% 58	10.27% 15	146
Transportation accident	17.57% 26	34.46% 51	29.05% 43	18.92% 28	148
Wildfire	28.57% 42	40.82% 60	23.81% 35	6.80% 10	147
Windstorm	11.56% 17	45.58% 67	34.69% 51	8.16% 12	147

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

Answered: 146 Skipped: 4

Adams County Hazard Mitigation Survey

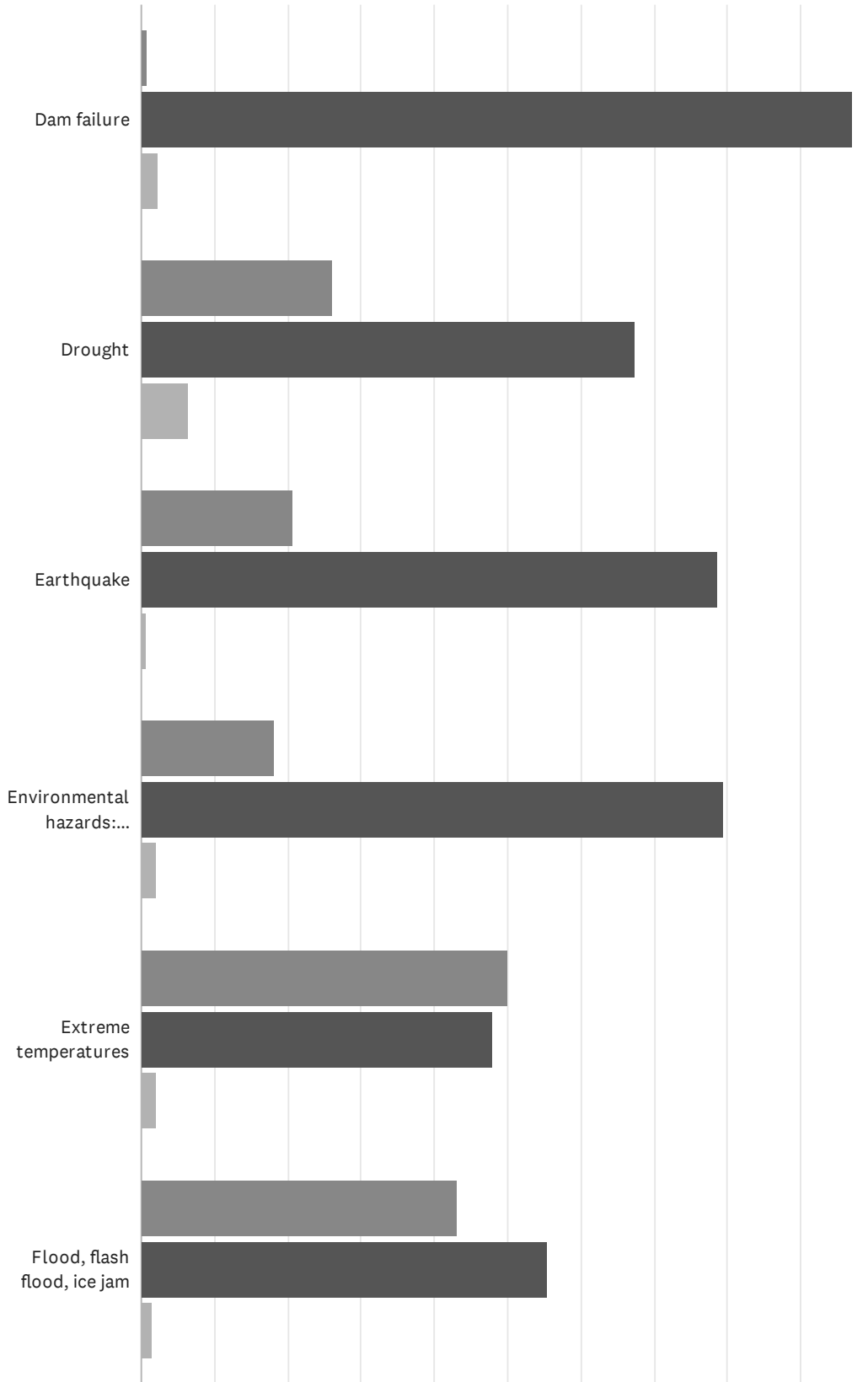


Adams County Hazard Mitigation Survey

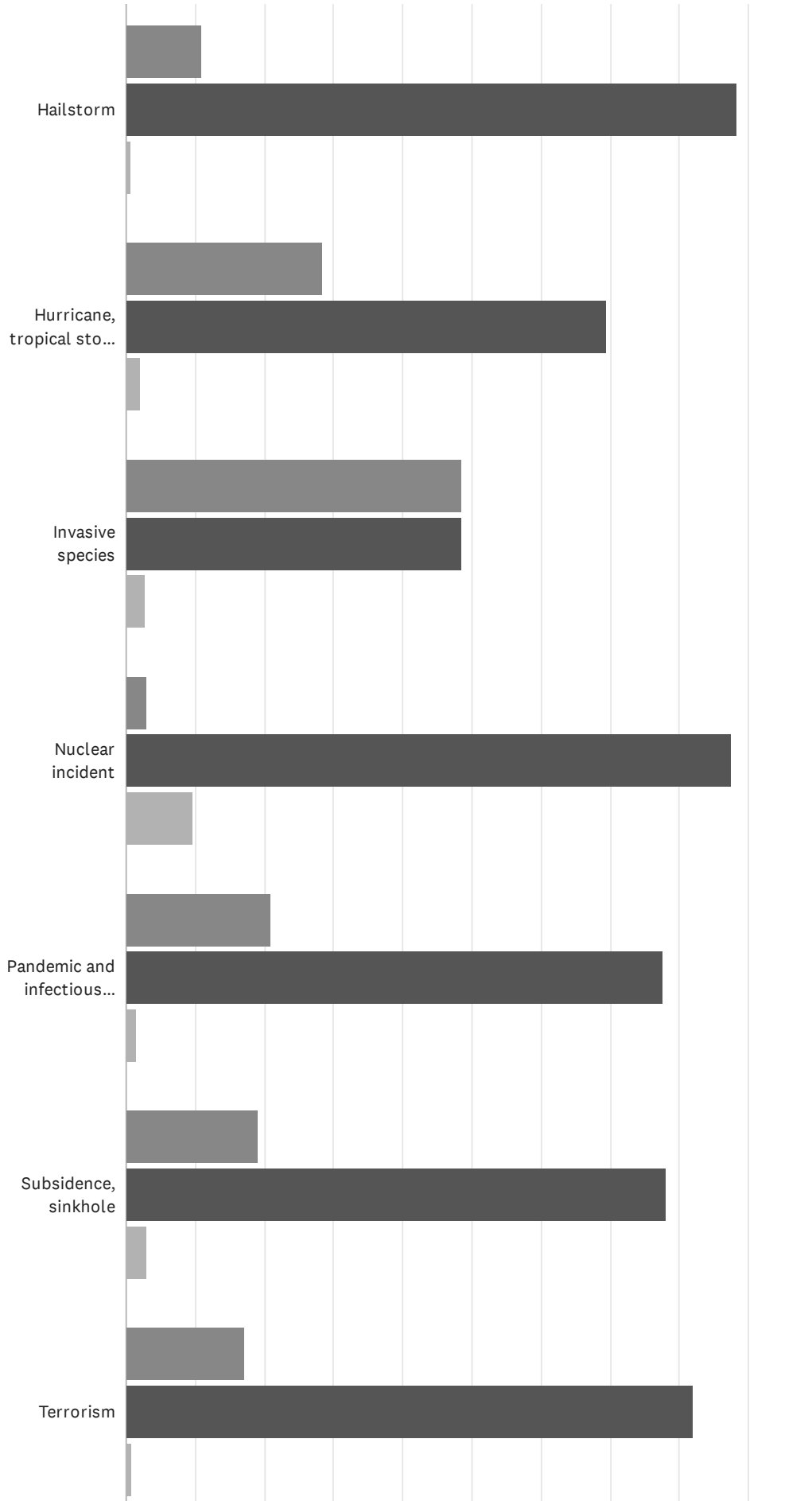
ANSWER CHOICES	RESPONSES	
Dam failure	1.37%	2
Drought	46.58%	68
Earthquake	30.82%	45
Environmental hazards: Hazardous materials response	21.92%	32
Extreme temperatures	43.84%	64
Flood, flash flood, ice jam	53.42%	78
Hailstorm	34.25%	50
Hurricane, tropical storm, Nor'easter	50.68%	74
Invasive species	41.78%	61
Nuclear incident	0.68%	1
Pandemic and infectious disease	4.79%	7
Subsidence, sinkhole	16.44%	24
Terrorism	1.37%	2
Tornado, windstorm	49.32%	72
Transportation accident	34.93%	51
Wildfire	6.16%	9
Winter storm	82.19%	120
Other (please specify)	3.42%	5
Total Respondents: 146		

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

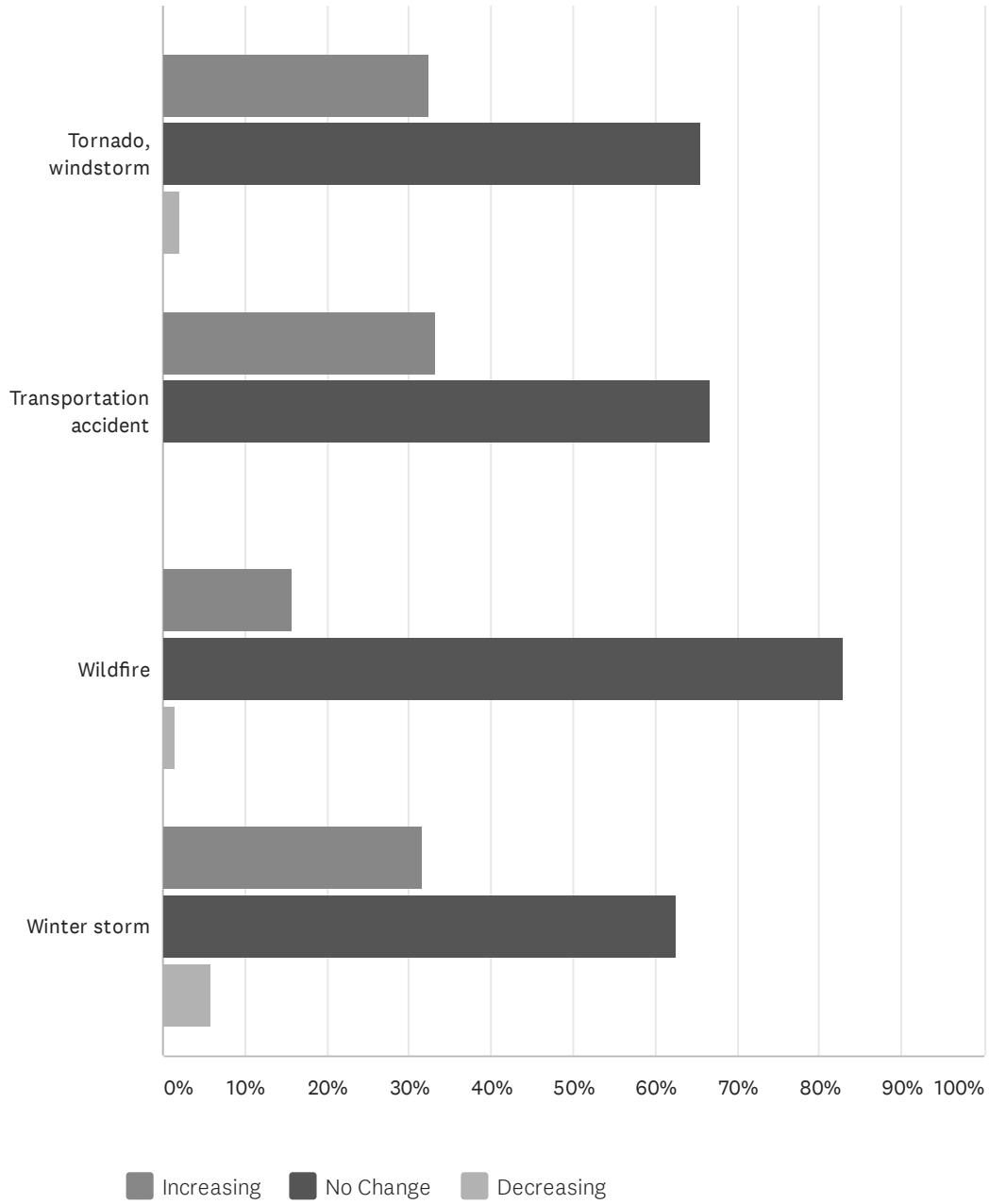
Answered: 146 Skipped: 4



Adams County Hazard Mitigation Survey



Adams County Hazard Mitigation Survey



Adams County Hazard Mitigation Survey

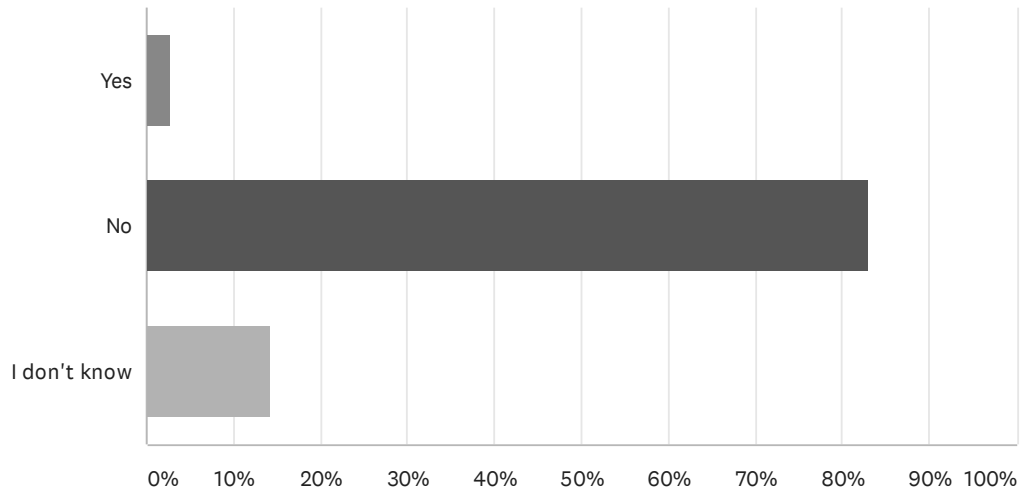
	INCREASING	NO CHANGE	DECREASING	TOTAL
Dam failure	0.75% 1	97.01% 130	2.24% 3	134
Drought	26.24% 37	67.38% 95	6.38% 9	141
Earthquake	20.71% 29	78.57% 110	0.71% 1	140
Environmental hazards: Hazardous materials response	18.25% 25	79.56% 109	2.19% 3	137
Extreme temperatures	50.00% 71	47.89% 68	2.11% 3	142
Flood, flash flood, ice jam	43.17% 60	55.40% 77	1.44% 2	139
Hailstorm	10.95% 15	88.32% 121	0.73% 1	137
Hurricane, tropical storm, Nor'easter	28.37% 40	69.50% 98	2.13% 3	141
Invasive species	48.59% 69	48.59% 69	2.82% 4	142
Nuclear incident	2.94% 4	87.50% 119	9.56% 13	136
Pandemic and infectious disease	21.01% 29	77.54% 107	1.45% 2	138
Subsidence, sinkhole	18.98% 26	78.10% 107	2.92% 4	137
Terrorism	17.16% 23	82.09% 110	0.75% 1	134
Tornado, windstorm	32.37% 45	65.47% 91	2.16% 3	139
Transportation accident	33.33% 46	66.67% 92	0.00% 0	138
Wildfire	15.67% 21	82.84% 111	1.49% 2	134
Winter storm	31.65% 44	62.59% 87	5.76% 8	139

Q4 To what do you think the change (if applicable) can be attributed?

Answered: 78 Skipped: 72

Q5 Do you live in a special flood hazard area (SFHA)?

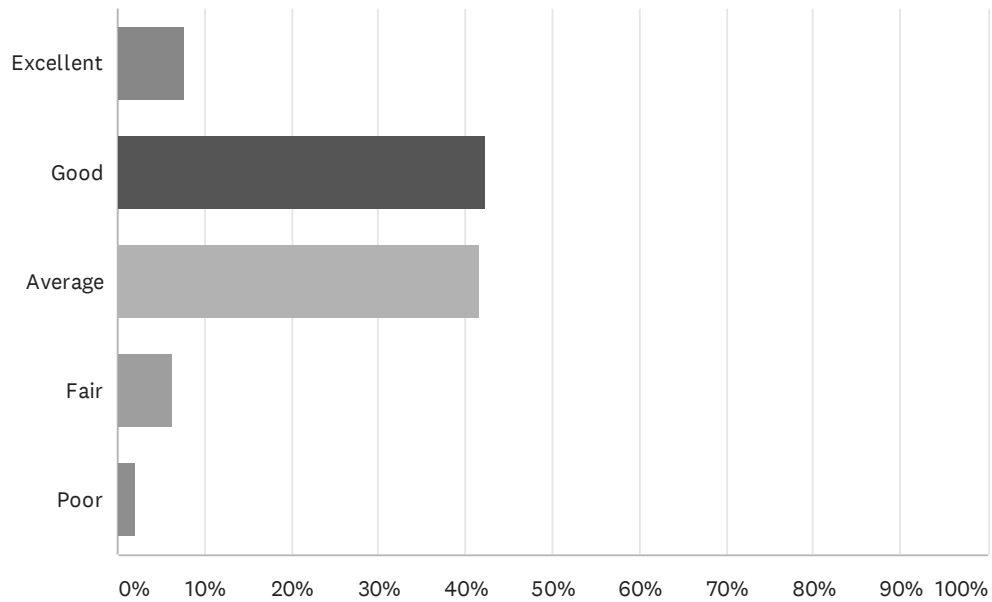
Answered: 147 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	2.72%	4
No	82.99%	122
I don't know	14.29%	21
TOTAL		147

Q6 Think back to a recent occurrence (any from question 2). How would you rate your community's ability to respond?

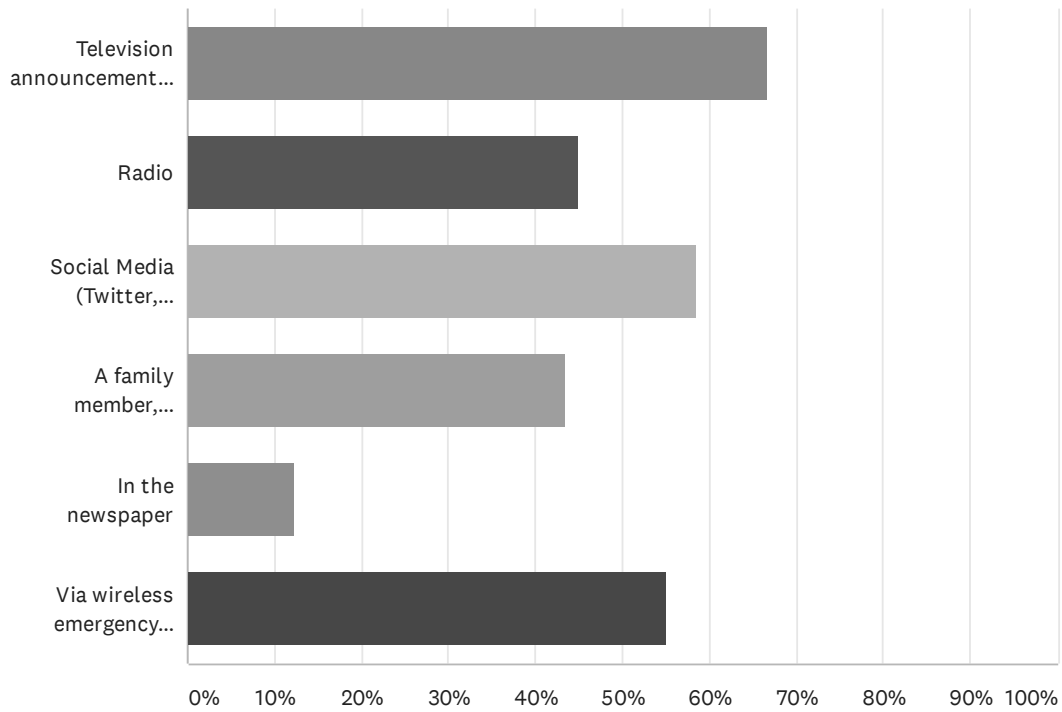
Answered: 142 Skipped: 8



ANSWER CHOICES	RESPONSES	
Excellent	7.75%	11
Good	42.25%	60
Average	41.55%	59
Fair	6.34%	9
Poor	2.11%	3
TOTAL		142

Q7 How do you find out about upcoming hazards such as the ones discussed previously in this survey? (Select all that apply)

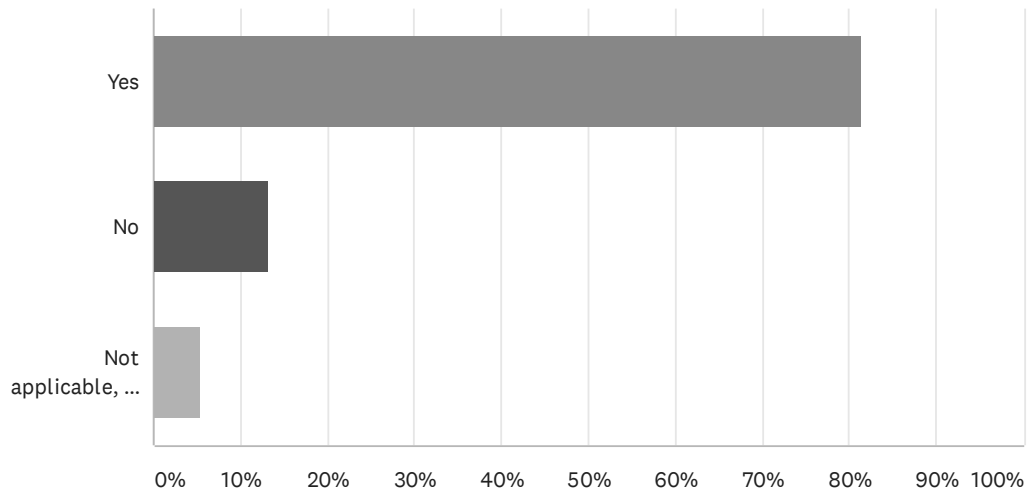
Answered: 147 Skipped: 3



ANSWER CHOICES	RESPONSES	
Television announcements or the news	66.67%	98
Radio	44.90%	66
Social Media (Twitter, Facebook, etc.)	58.50%	86
A family member, neighbor, friend, or acquaintance	43.54%	64
In the newspaper	12.24%	18
Via wireless emergency notifications (e.g. text message)	55.10%	81
Total Respondents: 147		

Q8 Do you receive timely, accurate, and effective notifications from these sources that allow you to make appropriate decisions about what to do?

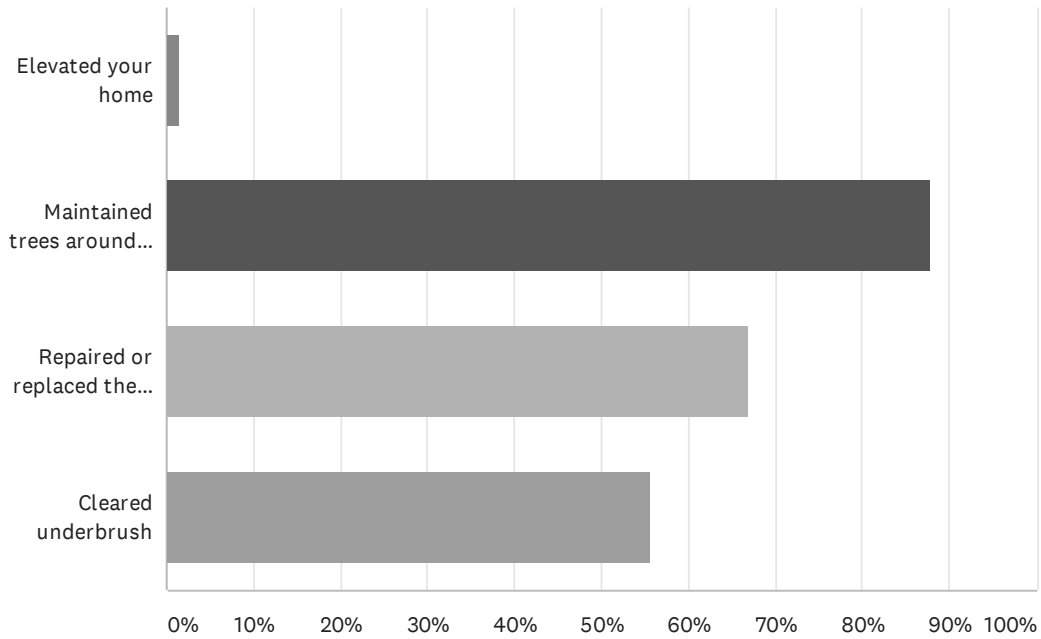
Answered: 145 Skipped: 5



ANSWER CHOICES	RESPONSES	
Yes	81.38%	118
No	13.10%	19
Not applicable, I do not receive notifications	5.52%	8
TOTAL		145

Q9 Have you ever. . . (Check all that apply)

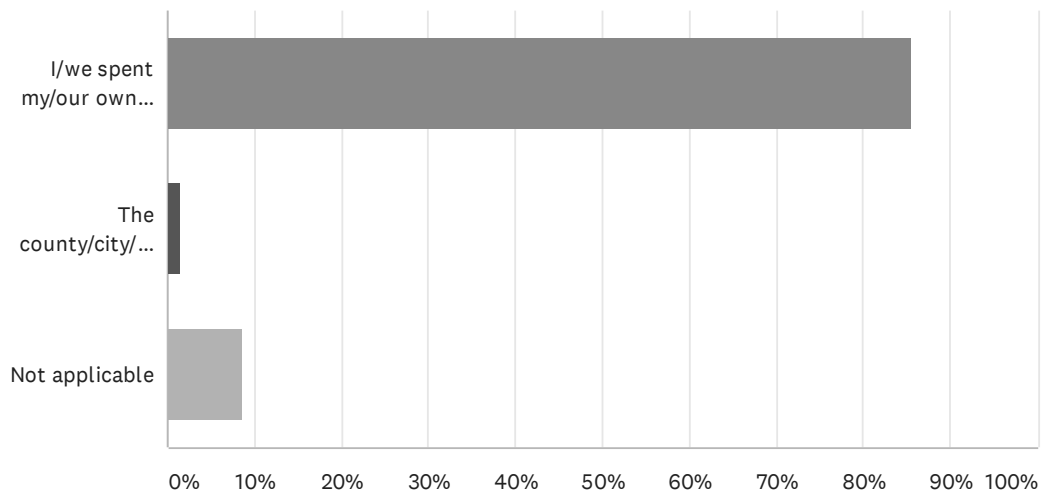
Answered: 133 Skipped: 17



ANSWER CHOICES	RESPONSES	
Elevated your home	1.50%	2
Maintained trees around the house or removed problematic trees	87.97%	117
Repaired or replaced the roof	66.92%	89
Cleared underbrush	55.64%	74
Total Respondents: 133		

Q10 If you have done any of the previous to your property, how was it paid for?

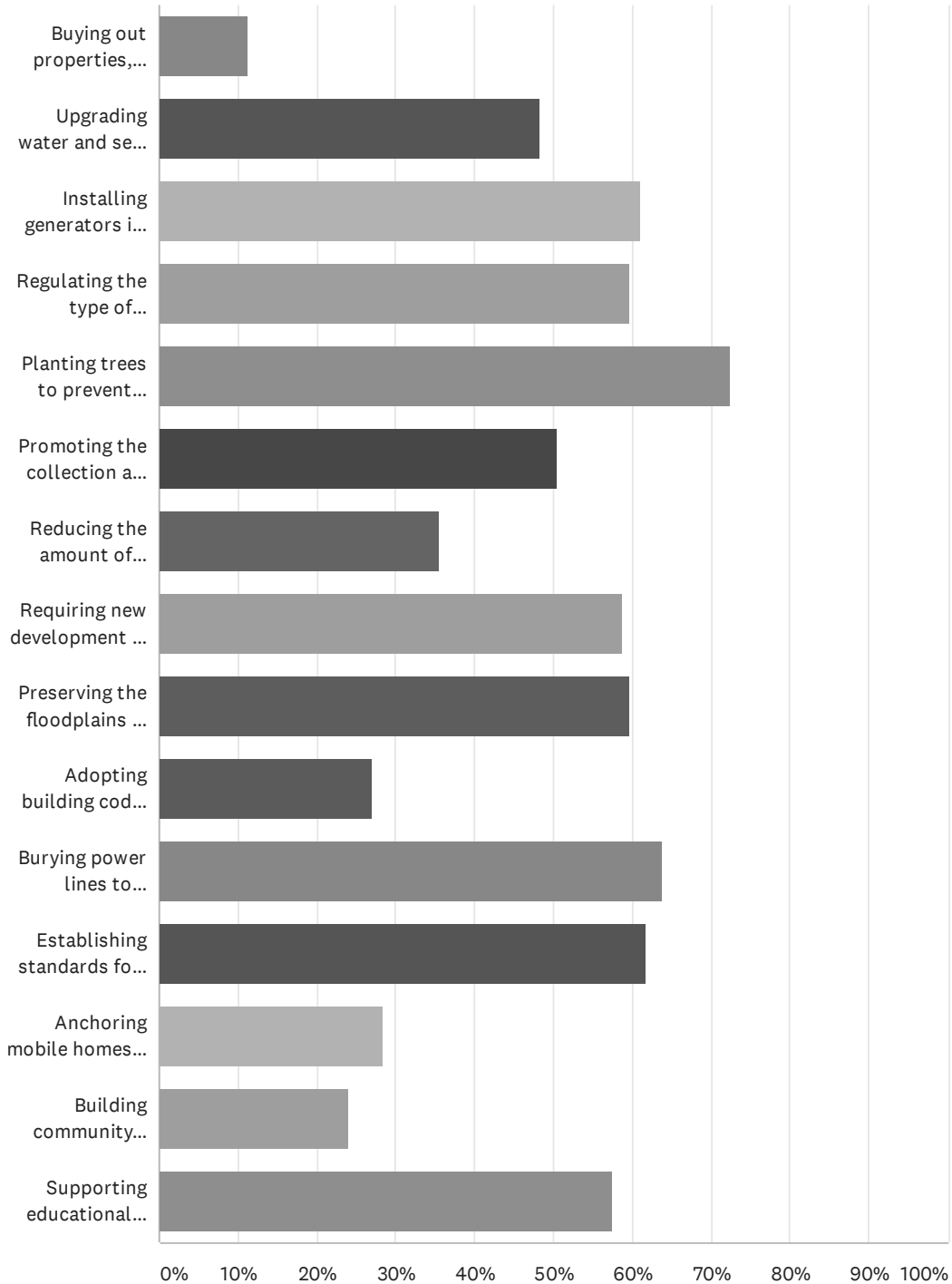
Answered: 139 Skipped: 11



ANSWER CHOICES	RESPONSES	
I/we spent my/our own money	85.61%	119
The county/city/borough/township paid for it	1.44%	2
Not applicable	8.63%	12
TOTAL		139

Q11 Please indicate the types of mitigation actions you would support. These could be something you can do, or an initiative by local officials. (Check all that apply.)

Answered: 141 Skipped: 9

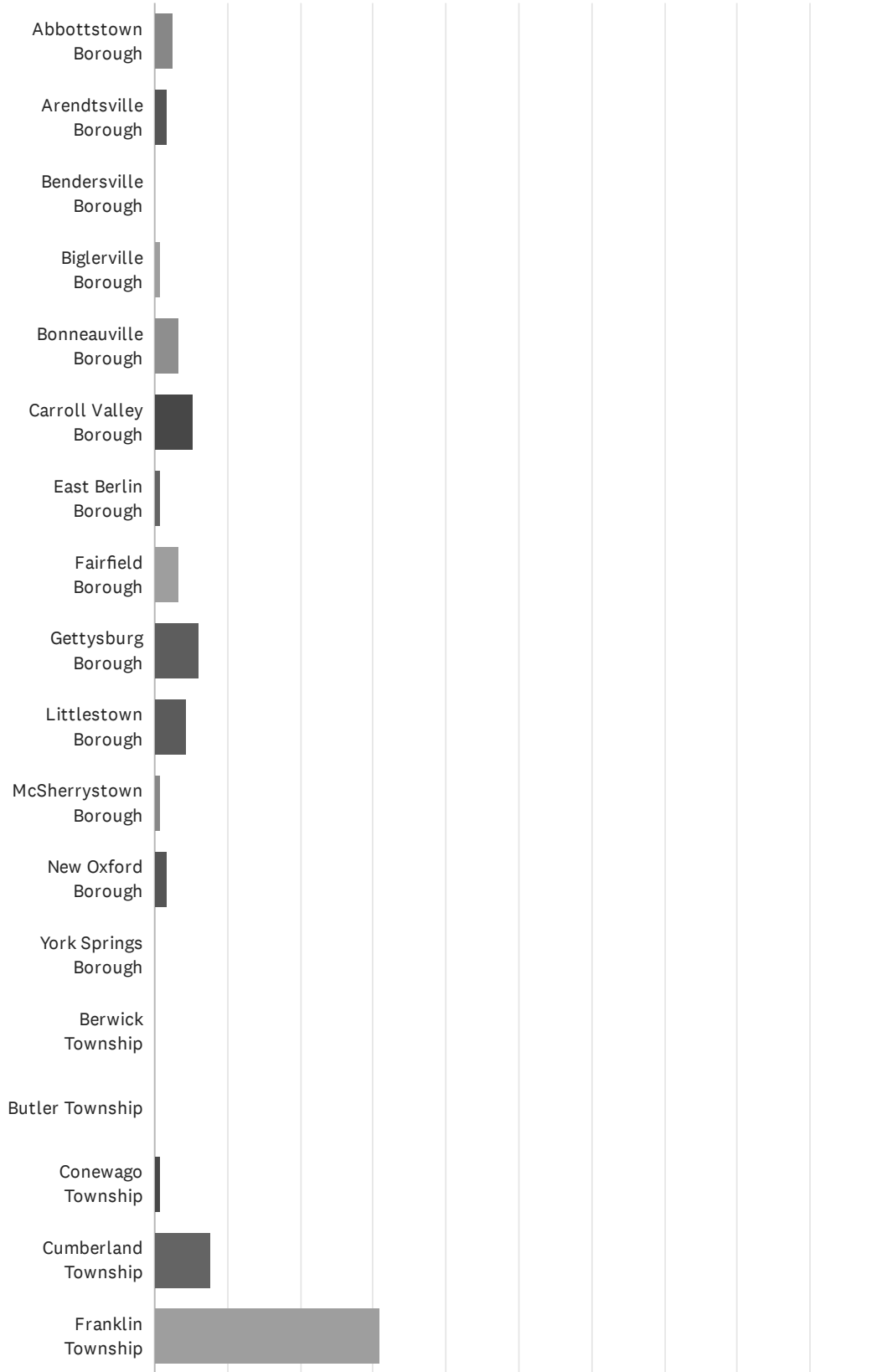


Adams County Hazard Mitigation Survey

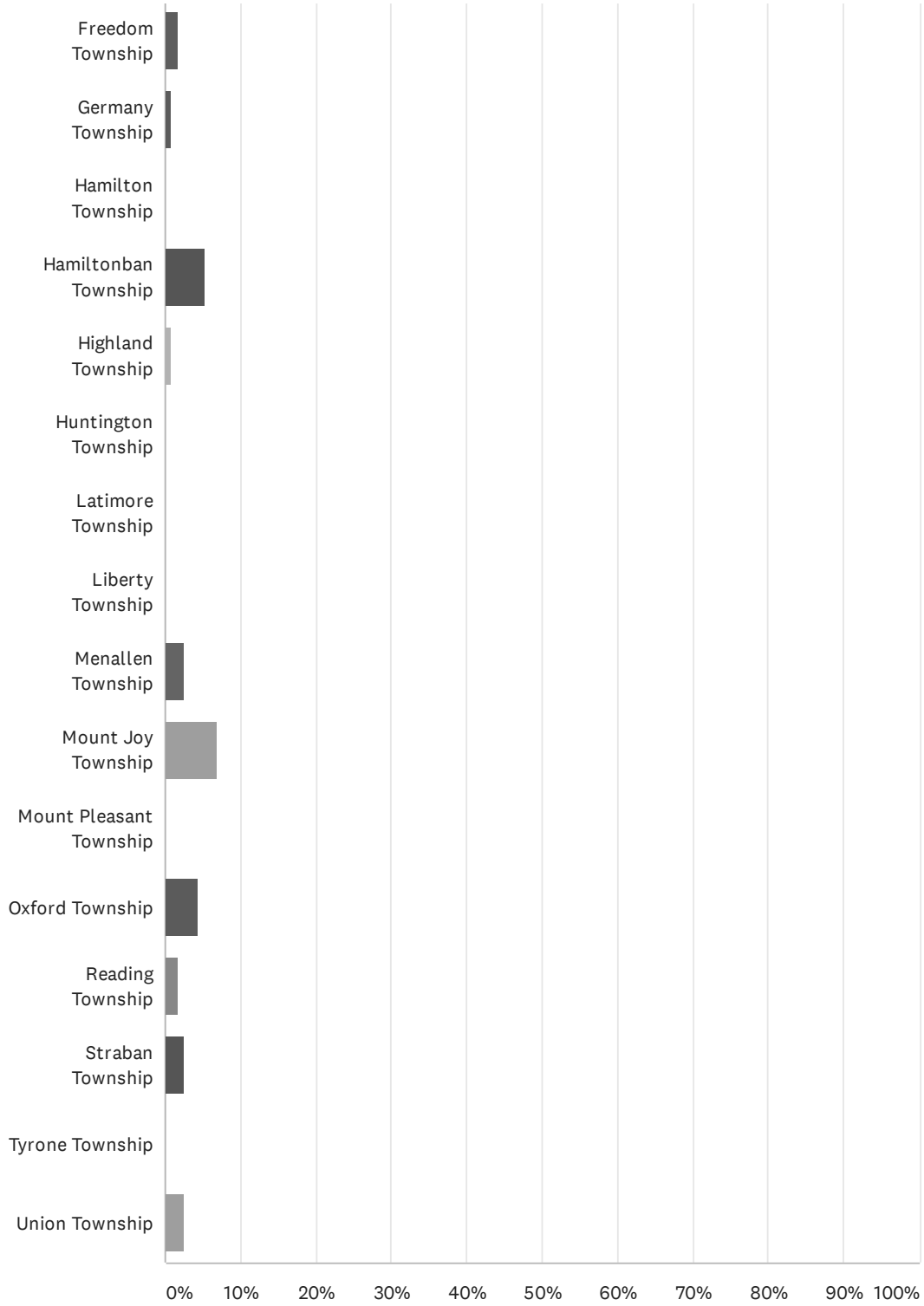
ANSWER CHOICES	RESPONSES	
Buying out properties, relocating homes, or elevating structures that are prone to flooding	11.35%	16
Upgrading water and sewer systems	48.23%	68
Installing generators in critical facilities such as hospitals, police stations, fire stations, etc.	60.99%	86
Regulating the type of development that is permitted in areas that are dangerous due to hazards	59.57%	84
Planting trees to prevent erosion and promote cooler micro-climates	72.34%	102
Promoting the collection and use of rainwater such as in rain gardens and green roofs	50.35%	71
Reducing the amount of surface pavement to reduce flooding and the heat island effect	35.46%	50
Requiring new development to construct on-site retention basins for excessive stormwater runoff and as a firefighting water source	58.87%	83
Preserving the floodplains as open space	59.57%	84
Adopting building codes that go above and beyond the basic requirements of construction	26.95%	38
Burying power lines to provide for uninterrupted power during severe weather	63.83%	90
Establishing standards for all utilities regarding tree pruning around lines	61.70%	87
Anchoring mobile homes and roof-mounted and ground equipment	28.37%	40
Building community shelters for tornadoes and severe weather events	24.11%	34
Supporting educational campaigns aimed at preparing the population for a variety of hazards	57.45%	81
Total Respondents: 141		

Q12 In which community do you live (or work, if you do not live in Adams County)?

Answered: 116 Skipped: 34



Adams County Hazard Mitigation Survey



Adams County Hazard Mitigation Survey

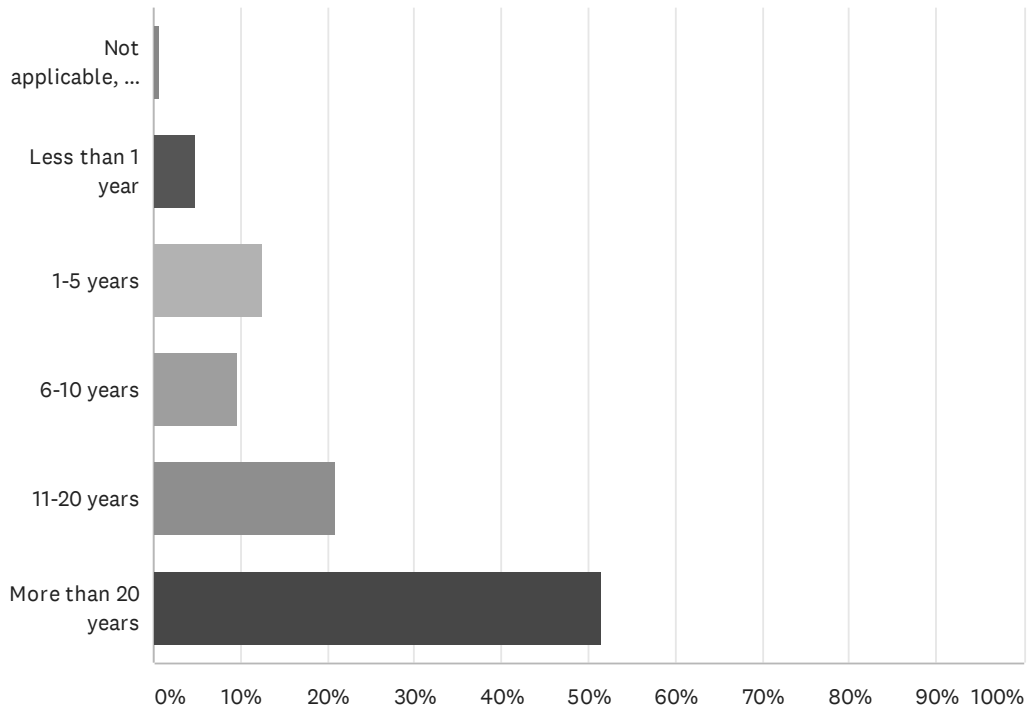
ANSWER CHOICES	RESPONSES	
Abbottstown Borough	2.59%	3
Arendtsville Borough	1.72%	2
Bendersville Borough	0.00%	0
Biglerville Borough	0.86%	1
Bonneauville Borough	3.45%	4
Carroll Valley Borough	5.17%	6
East Berlin Borough	0.86%	1
Fairfield Borough	3.45%	4
Gettysburg Borough	6.03%	7
Littlestown Borough	4.31%	5
McSherrystown Borough	0.86%	1
New Oxford Borough	1.72%	2
York Springs Borough	0.00%	0
Berwick Township	0.00%	0
Butler Township	0.00%	0
Conewago Township	0.86%	1
Cumberland Township	7.76%	9
Franklin Township	31.03%	36
Freedom Township	1.72%	2
Germany Township	0.86%	1
Hamilton Township	0.00%	0
Hamiltonban Township	5.17%	6
Highland Township	0.86%	1
Huntington Township	0.00%	0
Latimore Township	0.00%	0
Liberty Township	0.00%	0
Menallen Township	2.59%	3
Mount Joy Township	6.90%	8
Mount Pleasant Township	0.00%	0
Oxford Township	4.31%	5
Reading Township	1.72%	2
Straban Township	2.59%	3

Adams County Hazard Mitigation Survey

Tyrone Township	0.00%	0
Union Township	2.59%	3
TOTAL		116

Q13 How long have you resided in your community?

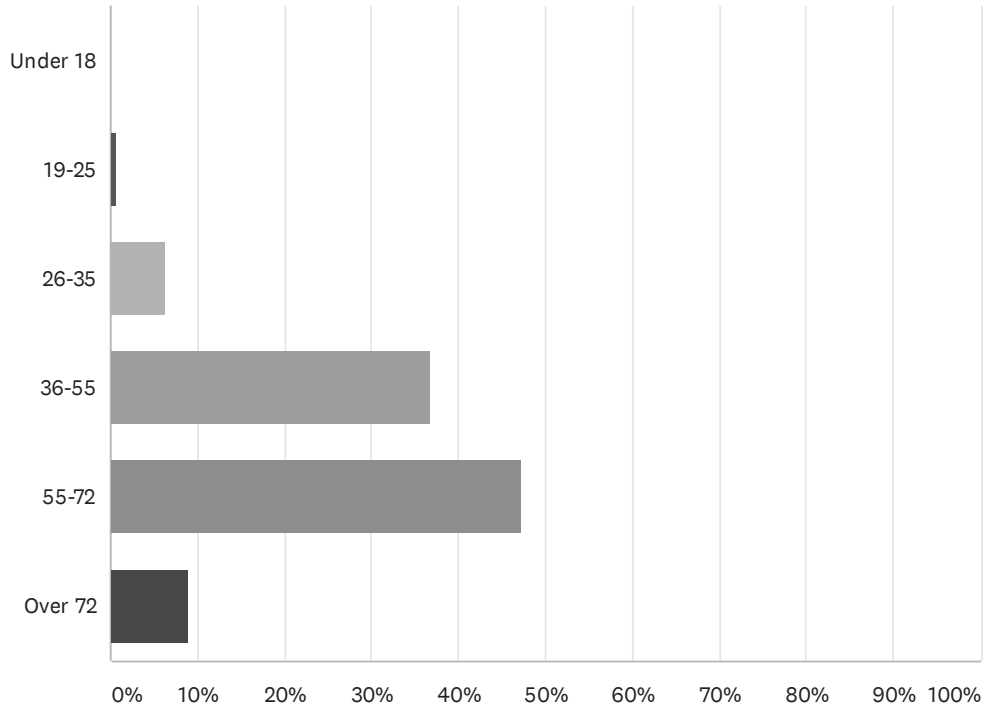
Answered: 144 Skipped: 6



ANSWER CHOICES	RESPONSES	
Not applicable, I do not live in Adams County	0.69%	1
Less than 1 year	4.86%	7
1-5 years	12.50%	18
6-10 years	9.72%	14
11-20 years	20.83%	30
More than 20 years	51.39%	74
TOTAL		144

Q14 Please provide your age.

Answered: 144 Skipped: 6



ANSWER CHOICES	RESPONSES
Under 18	0.00% 0
19-25	0.69% 1
26-35	6.25% 9
36-55	36.81% 53
55-72	47.22% 68
Over 72	9.03% 13
TOTAL	144

Q15 Please write any general comments here.

Answered: 19 Skipped: 131