

## Q1 Please indicate the organization your represent in Missaukee County.

Answered: 27 Skipped: 0

#	RESPONSES	DATE
1	Clam Union Township	10/25/2021 8:41 PM
2	Planning commission	10/25/2021 12:39 PM
3	Sheriff Dept Cook	10/25/2021 9:32 AM
4	Missaukee County Sheriff's Office	10/25/2021 8:18 AM
5	Missaukee Planning Commission	10/22/2021 7:32 PM
6	Sheriff's Department	10/22/2021 4:19 PM
7	Missaukee County Commission on Aging	10/22/2021 10:22 AM
8	McBain fire Department	10/21/2021 8:40 PM
9	Clam Union township fire dept	10/21/2021 3:27 PM
10	Equalization	10/21/2021 11:08 AM
11	Sheriff's Office	10/21/2021 9:42 AM
12	county commissioner	10/21/2021 8:29 AM
13	Planning board building department	10/21/2021 7:20 AM
14	School Board	10/20/2021 9:55 PM
15	Missaukee EMS	10/20/2021 6:46 PM
16	Aetna township	10/8/2021 5:25 PM
17	District Health Dept. #10	10/6/2021 9:47 AM
18	LCAFD	10/6/2021 9:17 AM
19	Board of Commissioners	10/6/2021 7:56 AM
20	County Commission	10/5/2021 7:11 PM
21	County Clerk	10/5/2021 2:12 PM
22	Missaukee Conservation District	10/5/2021 11:59 AM
23	Holland Township	10/5/2021 6:51 AM
24	City Council	10/4/2021 5:06 PM
25	Merritt Area Fire Department	10/4/2021 1:28 PM
26	City of McBain	10/4/2021 11:45 AM
27	Missaukee Conservation District and Missaukee County Farm Bureau	10/4/2021 10:23 AM

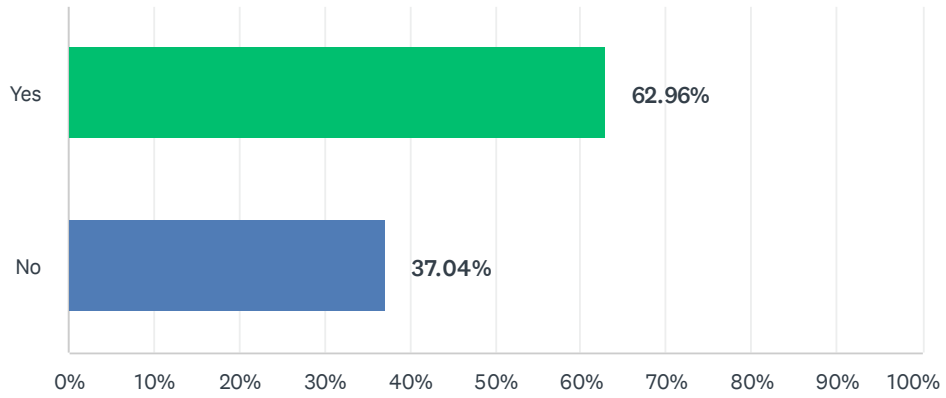
## Q2 What is your role in this organization?

Answered: 27 Skipped: 0

#	RESPONSES	DATE
1	clerk	10/25/2021 8:41 PM
2	economic development member	10/25/2021 12:39 PM
3	Supervisor	10/25/2021 9:32 AM
4	Jail Administrator	10/25/2021 8:18 AM
5	Member	10/22/2021 7:32 PM
6	Dispatch	10/22/2021 4:19 PM
7	Executive Director	10/22/2021 10:22 AM
8	To provide help to people in emergency situations.	10/21/2021 8:40 PM
9	Chief	10/21/2021 3:27 PM
10	Director	10/21/2021 11:08 AM
11	Sheriff	10/21/2021 9:42 AM
12	county commissioner	10/21/2021 8:29 AM
13	To help in the preparation and amendment of a master plan . Review and implement necessary changes to help in the case of natural disasters and development of Missaukee county growth.	10/21/2021 7:20 AM
14	Trustee	10/20/2021 9:55 PM
15	Director	10/20/2021 6:46 PM
16	Clerk	10/8/2021 5:25 PM
17	Emergency Preparedness Coordinator	10/6/2021 9:47 AM
18	Chief	10/6/2021 9:17 AM
19	Commissioner representing District 3 (Lake City and Forest Township)	10/6/2021 7:56 AM
20	Chairman of the board	10/5/2021 7:11 PM
21	Clerk	10/5/2021 2:12 PM
22	District Manager	10/5/2021 11:59 AM
23	Clerk	10/5/2021 6:51 AM
24	City Council Member	10/4/2021 5:06 PM
25	Fire Chief	10/4/2021 1:28 PM
26	Mayor	10/4/2021 11:45 AM
27	1. MAEAP technician - works with farmers 2. President	10/4/2021 10:23 AM

### Q3 Are you familiar with the county's Natural Hazard Mitigation Plan?

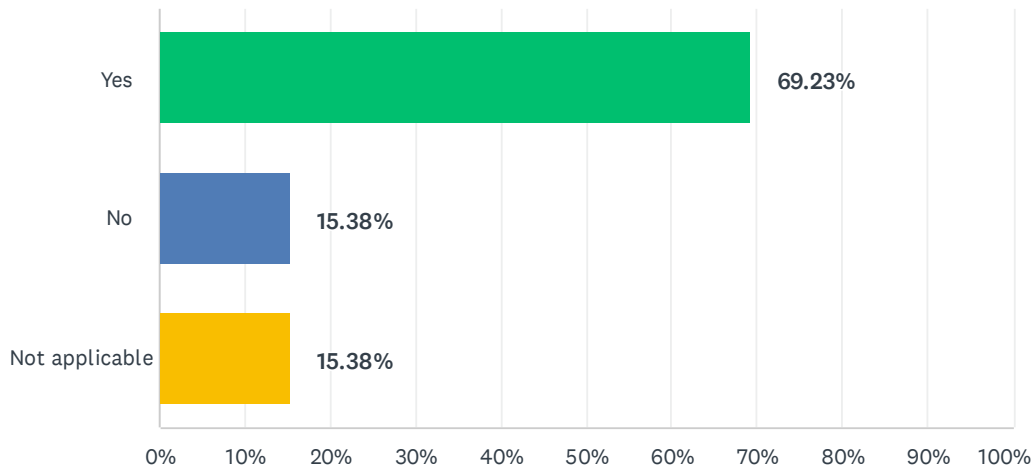
Answered: 27 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	62.96%	17
No	37.04%	10
TOTAL		27

## Q4 Does the community you represent have an adopted Master Plan?

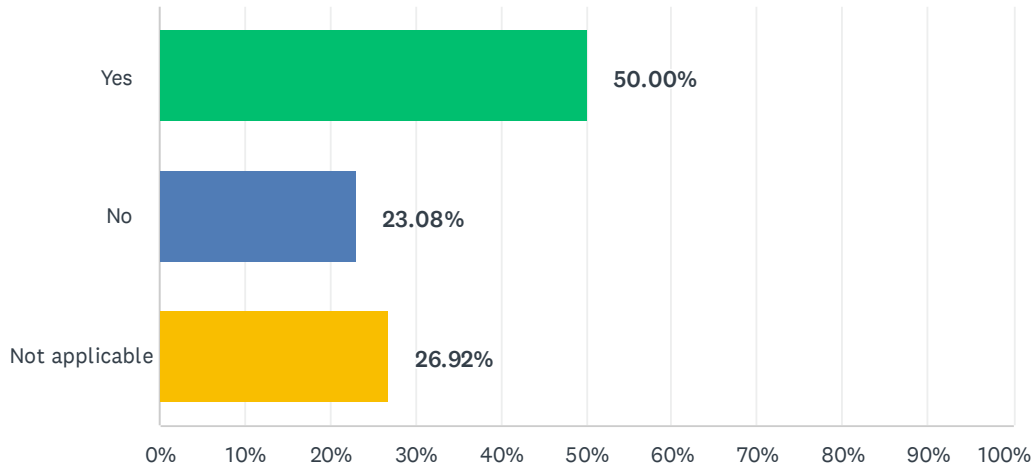
Answered: 26 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	69.23%	18
No	15.38%	4
Not applicable	15.38%	4
<b>TOTAL</b>		<b>26</b>

## Q5 Does the community you represent have an adopted Capital Improvements Plan?

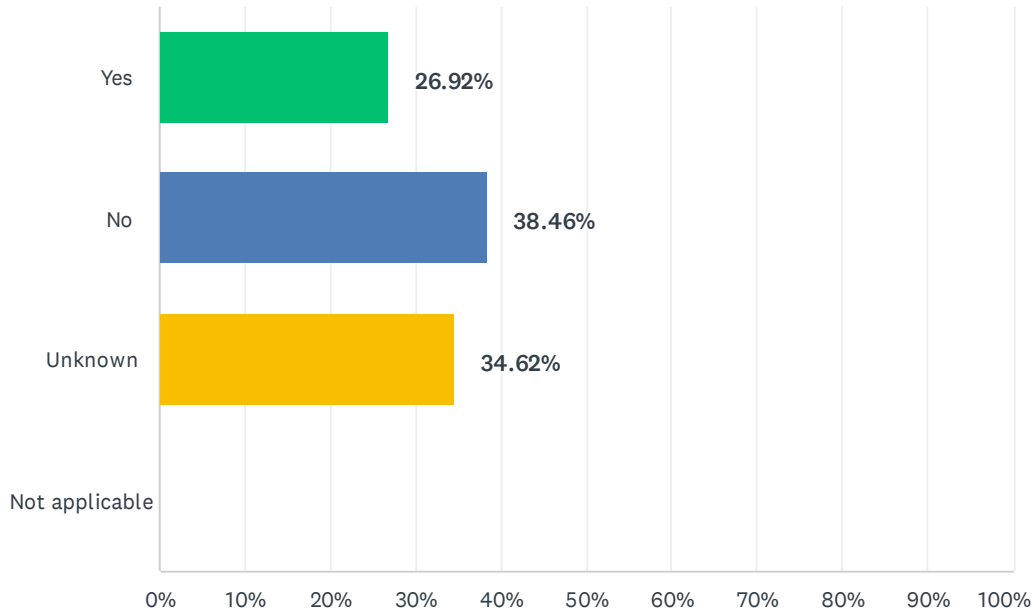
Answered: 26 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	50.00%	13
No	23.08%	6
Not applicable	26.92%	7
<b>TOTAL</b>		<b>26</b>

## Q6 Has the community you represent experienced a significant natural hazard event within the last 10 years?

Answered: 26 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	26.92%	7
No	38.46%	10
Unknown	34.62%	9
Not applicable	0.00%	0
<b>TOTAL</b>		<b>26</b>

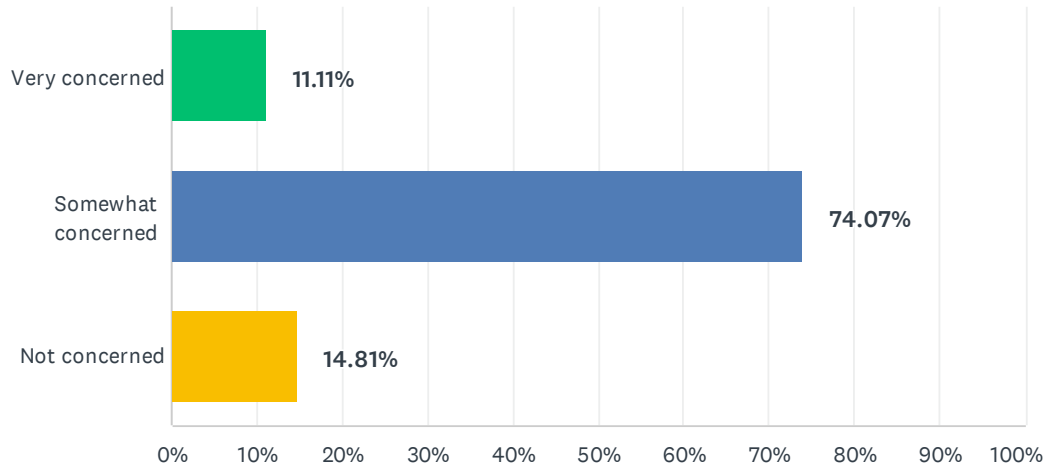
## Q7 If so, what was the nature of the event?

Answered: 14 Skipped: 13

#	RESPONSES	DATE
1	I'm not sure no one talks about these things or i'm just to busy to hear about the things.	10/25/2021 9:32 AM
2	N/A	10/25/2021 8:18 AM
3	Wide spread, long duration power outage.	10/21/2021 8:40 PM
4	High water	10/21/2021 3:27 PM
5	extreme winds causing power outage	10/21/2021 8:29 AM
6	?	10/20/2021 9:55 PM
7	Unknown	10/20/2021 6:46 PM
8	Covid 19	10/6/2021 9:47 AM
9	Unsure	10/6/2021 7:56 AM
10	Heavy rain with some flooding and washouts.	10/5/2021 7:11 PM
11	N/A	10/5/2021 2:12 PM
12	rainfall	10/5/2021 11:59 AM
13	High winds, power outages, snow storm, power outages	10/4/2021 1:28 PM
14	Other than 2019 with too much rainfall for decent planting and harvesting of crops, I'm not aware of another natural hazard that's affected us.	10/4/2021 10:23 AM

## Q8 How concerned are you about future natural hazard events impacting your community?

Answered: 27 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very concerned	11.11%	3
Somewhat concerned	74.07%	20
Not concerned	14.81%	4
<b>TOTAL</b>		<b>27</b>



## Q9 What type of natural hazard events are likely to have the largest impact on your community, for example fire, flood, drought, illness outbreak, etc.?

Answered: 26 Skipped: 1

#	RESPONSES	DATE
1	Severe storms such as a tornado through a populated area. Severe (100 year) ice event that leaves over 50% of the population with no electrical power for weeks. A truly severe pandemic that for example kills 1 in 10 persons instead of 2 or 3 per 1,000.	10/25/2021 8:41 PM
2	illness, such as what is happening right now.	10/25/2021 12:39 PM
3	Sickness	10/25/2021 9:32 AM
4	Tornado	10/25/2021 8:18 AM
5	Fire	10/22/2021 7:32 PM
6	Illness Outbreak	10/22/2021 10:22 AM
7	Severe weather with high winds.	10/21/2021 8:40 PM
8	Weather, wind ,snowstorm	10/21/2021 3:27 PM
9	Snowfall, flooding	10/21/2021 11:08 AM
10	Flood, Snow storm	10/21/2021 9:42 AM
11	very few we cant handle as a community	10/21/2021 8:29 AM
12	Tornado, Fire, Flood Covid 19 or other diseases that are unknown. Drought	10/21/2021 7:20 AM
13	Illness and loss of power	10/20/2021 9:55 PM
14	Drought, storm damage, fire.	10/20/2021 6:46 PM
15	All above	10/8/2021 5:25 PM
16	Winter Weather Event/Power Outage Contagious Disease Fire	10/6/2021 9:47 AM
17	Another intentional release of an Bio-agent. Major weather related emergency.	10/6/2021 9:17 AM
18	Fire, After effects of weather events, interruptions in utilities	10/6/2021 7:56 AM
19	Tornados, fire, flood	10/5/2021 7:11 PM
20	Flooding or draught.	10/5/2021 2:12 PM
21	flooding	10/5/2021 11:59 AM
22	fire	10/5/2021 6:51 AM
23	Tornadoes, illness/ outbreak, fire	10/4/2021 5:06 PM
24	Wniter Storms, Sever weather, high winds, forest fire	10/4/2021 1:28 PM
25	Fire	10/4/2021 11:45 AM
26	Flooding and drought are always a concern during the growing season. Fire is also another hazard on any farm.	10/4/2021 10:23 AM

**Q10 Does your community have concerns about infrastructure (dams, bridges, utilities, etc.) and the potential for a hazardous event in the future?  
Please describe.**

Answered: 24 Skipped: 3

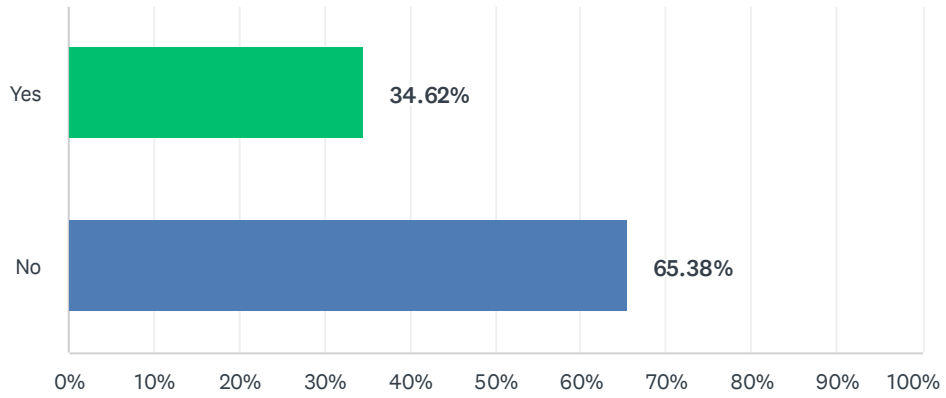
#	RESPONSES	DATE
1	The dam at the Falmouth pond will require extensive repair and/or maintenance at some point in the future. Many local businesses (farms and retail) have experienced significant expense due to upgrades required to provide adequate electrical service to their facilities. Utility transmission lines are undersized and experiencing stress due to inadequate load carrying capacity. This causes more frequent and wider spread power failures. Lack of natural gas service to outlying users who would benefit greatly by having it available. Little to no availability of high speed internet. This posed a significant problem during the last year when many students studied from home due to quarantine or school shutdowns. These students basically lost almost an entire year of class time.	10/25/2021 8:41 PM
2	No	10/25/2021 8:18 AM
3	No	10/22/2021 7:32 PM
4	Yes, we have some very dated infrastructure all through the county	10/22/2021 10:22 AM
5	ageing power grid. Ageing bridges,	10/21/2021 8:40 PM
6	Yes forward rd bridge	10/21/2021 3:27 PM
7	I'd say concern is a too steep of a word, but bridges in Missaukee County need some TLC.	10/21/2021 11:08 AM
8	Bridges	10/21/2021 9:42 AM
9	minimal...biggest single issue is poor powerline mtce by utilities leading to power failures due to uncut trees falling	10/21/2021 8:29 AM
10	Yes	10/21/2021 7:20 AM
11	Somewhat	10/20/2021 9:55 PM
12	Yes some areas are not accessible for fire apparatus and ambulances due to decayed roads, bridges.	10/20/2021 6:46 PM
13	No	10/8/2021 5:25 PM
14	Not sure	10/6/2021 9:47 AM
15	yes	10/6/2021 9:17 AM
16	Above ground wiring in the majority of the area and at least one older bridge in a somewhat remote area due to be closed	10/6/2021 7:56 AM
17	Aging bridges	10/5/2021 7:11 PM
18	Not that I am aware of	10/5/2021 2:12 PM
19	dams and road stream crossings	10/5/2021 11:59 AM
20	Low bridge	10/5/2021 6:51 AM
21	Not applicable	10/4/2021 5:06 PM
22	Reedsburg Dam, Muskegon River flooding, woodland fires, Pipelines and oilfield pump locations	10/4/2021 1:28 PM
23	Utilities.	10/4/2021 11:45 AM

With infrastructure aging and the cost of replacement, dams, bridges & roads are always an issue. As well as decent internet connection for agri-businesses.

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## Q11 Have you been involved in a natural hazard mitigation planning process before?

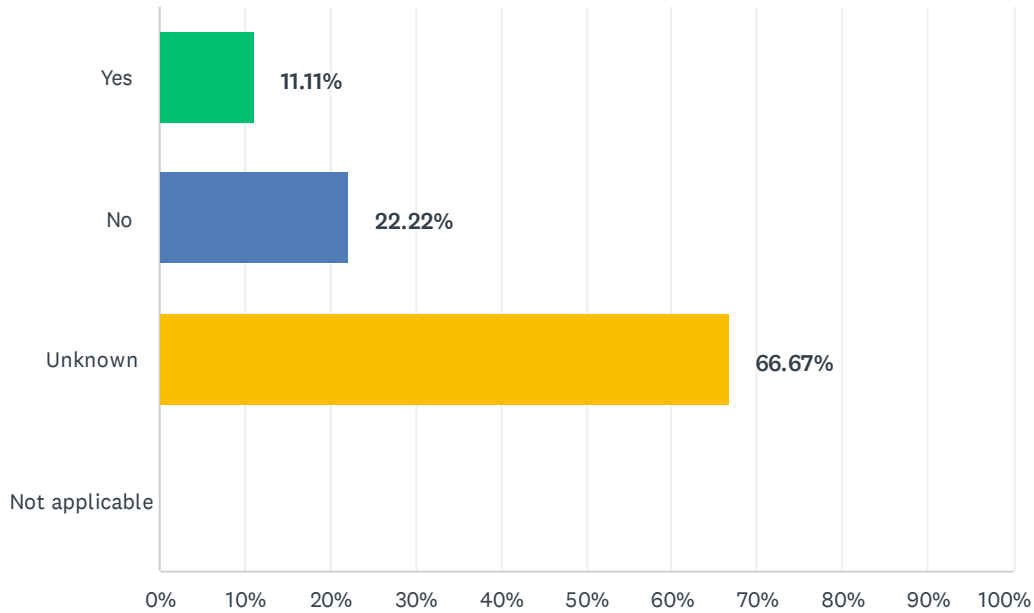
Answered: 26 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	34.62%	9
No	65.38%	17
<b>TOTAL</b>		<b>26</b>

## Q12 Has your community requested assistance for mitigation projects in the past?

Answered: 27 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	11.11%	3
No	22.22%	6
Unknown	66.67%	18
Not applicable	0.00%	0
<b>TOTAL</b>		<b>27</b>

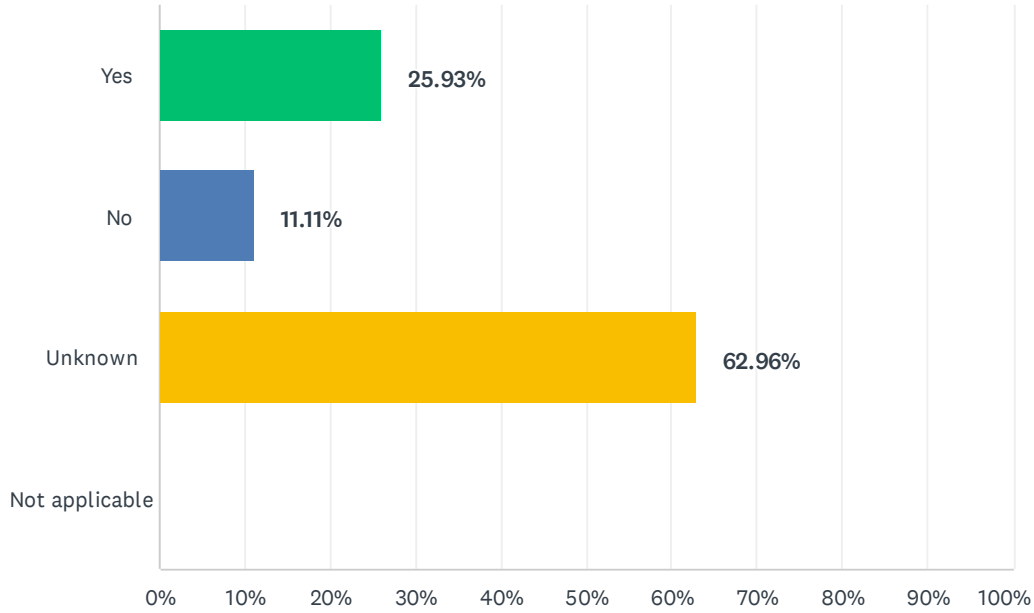
### Q13 If so, was your request granted and what type of project did the request include?

Answered: 10 Skipped: 17

#	RESPONSES	DATE
1	N/A	10/25/2021 8:18 AM
2	Don't know	10/21/2021 3:27 PM
3	Not sure	10/21/2021 7:20 AM
4	Disaster relief facility	10/20/2021 9:55 PM
5	Unknown	10/20/2021 6:46 PM
6	Unsure	10/6/2021 7:56 AM
7	Not sure	10/5/2021 2:12 PM
8	n/a	10/5/2021 11:59 AM
9	N/A	10/4/2021 5:06 PM
10	N/a	10/4/2021 1:28 PM

## Q14 Has your community considered mitigation strategies for potential or current hazards?

Answered: 27 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	25.93%	7
No	11.11%	3
Unknown	62.96%	17
Not applicable	0.00%	0
<b>TOTAL</b>		<b>27</b>

## Q15 If so, please identify potential strategies you would like to explore in the near future.

Answered: 9 Skipped: 18

#	RESPONSES	DATE
1	N/A	10/25/2021 8:18 AM
2	NA	10/21/2021 3:27 PM
3	Red Cross support	10/20/2021 9:55 PM
4	Unknown	10/20/2021 6:46 PM
5	Unknown	10/6/2021 7:56 AM
6	N/A	10/5/2021 2:12 PM
7	Identifying road stream crossings that have the most potential for failure and flooding.	10/5/2021 11:59 AM
8	N/A	10/4/2021 5:06 PM
9	Wildland fires, traffic control for M55 between Jeff Rd and East County line.	10/4/2021 1:28 PM



## Q16 Is there any additional information you would like us to consider as we update the county's Natural Hazard Mitigation Plan?

Answered: 14 Skipped: 13

#	RESPONSES	DATE
1	No	10/25/2021 8:18 AM
2	Just the importance of protecting our most vulnerable community members & being mindful of them	10/22/2021 10:22 AM
3	Shelter sites	10/21/2021 3:27 PM
4	No, We as county residents need to be involved	10/21/2021 7:20 AM
5	Utilize the disaster relief facility	10/20/2021 9:55 PM
6	Rural and super rural areas un Michigan often have poor funding sources for Fire, Law, and EMS. That leads to struggles to ascertain state of the art equipment or may hinder responses.	10/20/2021 6:46 PM
7	No	10/6/2021 9:47 AM
8	no	10/6/2021 9:17 AM
9	Not at this time	10/6/2021 7:56 AM
10	No	10/5/2021 2:12 PM
11	No,	10/5/2021 11:59 AM
12	N/A	10/4/2021 5:06 PM
13	Seem 15	10/4/2021 1:28 PM
14	No	10/4/2021 10:23 AM

**Q17 Are you interested in serving on the advisory team or being involved in future public engagement events for the plan update? Please share your contact information (name and e-mail at minimum) so we may include you on future invitations.**

Answered: 18 Skipped: 9

#	RESPONSES	DATE
1	I would be but my hearing loss prevents engaging in discussions and meetings.	10/25/2021 8:41 PM
2	No Thank you.	10/25/2021 9:32 AM
3	No	10/25/2021 8:18 AM
4	Mimi Zwolak - mimizwolak@gmail.com	10/22/2021 7:32 PM
5	Heather Harris-Bryant - h.bryant@missaukeecoa.org	10/22/2021 10:22 AM
6	No	10/21/2021 3:27 PM
7	no	10/21/2021 8:29 AM
8	yes, Robert Sturdavant Axisbuildingsvcs@gmail.com	10/21/2021 7:20 AM
9	Yes Craig Ardis Craigardis@aol.com 616-485-1924	10/20/2021 9:55 PM
10	Yes, Aaron Sogge, 231-434-2566, ems@missaukee.org	10/20/2021 6:46 PM
11	Bret Haner bhaner@dhd10.org	10/6/2021 9:47 AM
12	no	10/6/2021 9:17 AM
13	No thank you	10/5/2021 2:12 PM
14	No	10/5/2021 11:59 AM
15	Bob Pickford pickfordmechanical@charter.net	10/4/2021 5:06 PM
16	Edward Nettle, Fire Chief Merritt Area Fire Dept Cell 231-878-2576 merrittareafiredept@gmail.com	10/4/2021 1:28 PM
17	yes. Joey Roberts. Joeyroberts4411@yahoo.com	10/4/2021 11:45 AM
18	Perhaps, Jodi DeHate - jodi.dehate@macd.org	10/4/2021 10:23 AM