

Q1 Please indicate the organization you represent in Benzie County.

Answered: 44 Skipped: 0

#	RESPONSES	DATE
1	weldon township planning commission	1/6/2022 6:01 PM
2	Thompsonville Fire Department	12/11/2021 8:10 AM
3	Benzie County Central Dispatch	12/9/2021 12:43 AM
4	Homestead Township	12/4/2021 8:12 PM
5	Village of Beulah	12/2/2021 12:44 PM
6	Blaine Township	12/2/2021 11:07 AM
7	Weldon Township	12/2/2021 10:22 AM
8	Benzie County Sheriff's Office	12/2/2021 9:51 AM
9	Frankfort Police Department	12/2/2021 9:51 AM
10	City of Frankfort	12/2/2021 9:39 AM
11	Crystal Lake Township	12/2/2021 9:03 AM
12	Village of Beulah	11/5/2021 9:27 PM
13	American Red Cross Northern Michigan Chapter	11/1/2021 12:42 PM
14	Crystal Lake Township Planning Commission	10/28/2021 7:51 AM
15	Grand Traverse Band	10/25/2021 2:22 PM
16	Almira Township	10/25/2021 10:56 AM
17	Blaine Township	10/25/2021 10:18 AM
18	GTB MEMBER	10/22/2021 1:35 PM
19	EMS	10/22/2021 10:58 AM
20	Benzie County Office of Emergency Management	10/21/2021 1:31 PM
21	Homestead Township Fire Department	10/18/2021 1:32 PM
22	Benzie Conservation District	10/18/2021 9:37 AM
23	Village of Elberta	10/12/2021 4:52 PM
24	lake ann village	10/8/2021 11:46 AM
25	Benzie County Commissioners	10/8/2021 9:16 AM
26	Blaine Township	10/6/2021 10:49 AM
27	Benzie county	10/5/2021 3:52 PM
28	Inland Township	10/5/2021 2:44 PM
29	Inland Township	10/5/2021 1:35 PM
30	Benzonia Township	10/5/2021 12:55 PM
31	Crystal Lake Township	10/5/2021 12:31 PM
32	Benzie County Road Commission	10/5/2021 12:11 PM
33	Village of Beulah	10/5/2021 11:29 AM

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34	Weldon Township	10/5/2021 11:20 AM
35	village gov.	10/5/2021 11:03 AM
36	Paul Oliver Memorial Hospital	10/4/2021 4:31 PM
37	Almira Township	10/4/2021 3:00 PM
38	Homestead township trustee	10/4/2021 1:25 PM
39	Homestead Township	10/4/2021 12:38 PM
40	Lake Township	10/4/2021 11:28 AM
41	Blaine Township	10/4/2021 11:08 AM
42	Benzie County Sheriff' Office	10/4/2021 10:38 AM
43	MSP Cadillac Post	10/4/2021 10:30 AM
44	Crystal Lake Twp Planning Commission	10/4/2021 10:16 AM

Q2 What is your role in this organization?

Answered: 44 Skipped: 0

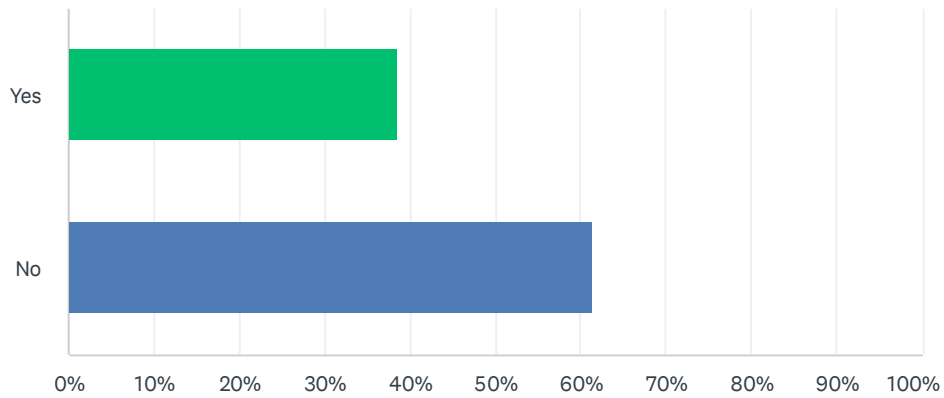
#	RESPONSES	DATE
1	chairperson	1/6/2022 6:01 PM
2	Fire Chief	12/11/2021 8:10 AM
3	Deputy Directory / ECS Supervisor	12/9/2021 12:43 AM
4	Supervisor	12/4/2021 8:12 PM
5	Trustee on the village council, chair of village Parks and Recreation.	12/2/2021 12:44 PM
6	Clerk	12/2/2021 11:07 AM
7	Township Clerk	12/2/2021 10:22 AM
8	Undersheriff	12/2/2021 9:51 AM
9	Chief of Police	12/2/2021 9:51 AM
10	City Superintendent (Chief Administrative Officer)	12/2/2021 9:39 AM
11	Supervisor	12/2/2021 9:03 AM
12	Trustee and Chair, Law & Finance	11/5/2021 9:27 PM
13	Disaster Program Manager	11/1/2021 12:42 PM
14	Commissioner	10/28/2021 7:51 AM
15	Emergency Manager and Public Safety	10/25/2021 2:22 PM
16	Township Clerk	10/25/2021 10:56 AM
17	Clerk	10/25/2021 10:18 AM
18	Tribal Member	10/22/2021 1:35 PM
19	Director	10/22/2021 10:58 AM
20	Emergency Management Coordinator	10/21/2021 1:31 PM
21	Fire Chief	10/18/2021 1:32 PM
22	Executive Director	10/18/2021 9:37 AM
23	Village President	10/12/2021 4:52 PM
24	village president	10/8/2021 11:46 AM
25	elected official District 2	10/8/2021 9:16 AM
26	Supervisor	10/6/2021 10:49 AM
27	Commissioner District 7	10/5/2021 3:52 PM
28	Township Supervisor	10/5/2021 2:44 PM
29	Treasurer	10/5/2021 1:35 PM
30	Supervisor	10/5/2021 12:55 PM
31	Treasurer	10/5/2021 12:31 PM
32	Manager	10/5/2021 12:11 PM
33	Trustee, chair of village Parks and Recreation	10/5/2021 11:29 AM

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34	Treasurer	10/5/2021 11:20 AM
35	trustee	10/5/2021 11:03 AM
36	Manager - Safety, Security and Emergency Management	10/4/2021 4:31 PM
37	Zoning Administrator	10/4/2021 3:00 PM
38	Truste	10/4/2021 1:25 PM
39	Treasurer	10/4/2021 12:38 PM
40	Supervisor	10/4/2021 11:28 AM
41	Trustee and planning commission	10/4/2021 11:08 AM
42	I am the elected Sheriff	10/4/2021 10:38 AM
43	Assistant Post Commander	10/4/2021 10:30 AM
44	PC Chair	10/4/2021 10:16 AM

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

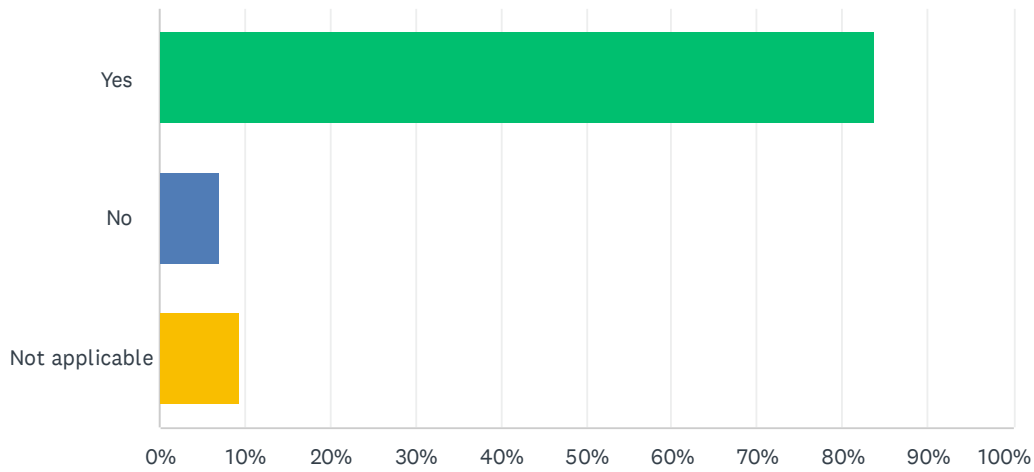
Answered: 44 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	38.64%	17
No	61.36%	27
TOTAL		44

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

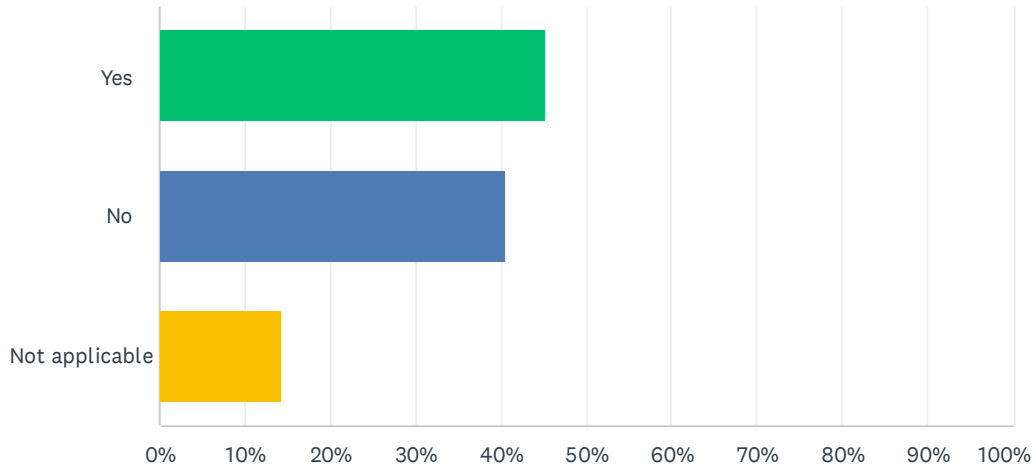
Answered: 43 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	83.72%	36
No	6.98%	3
Not applicable	9.30%	4
TOTAL		43

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

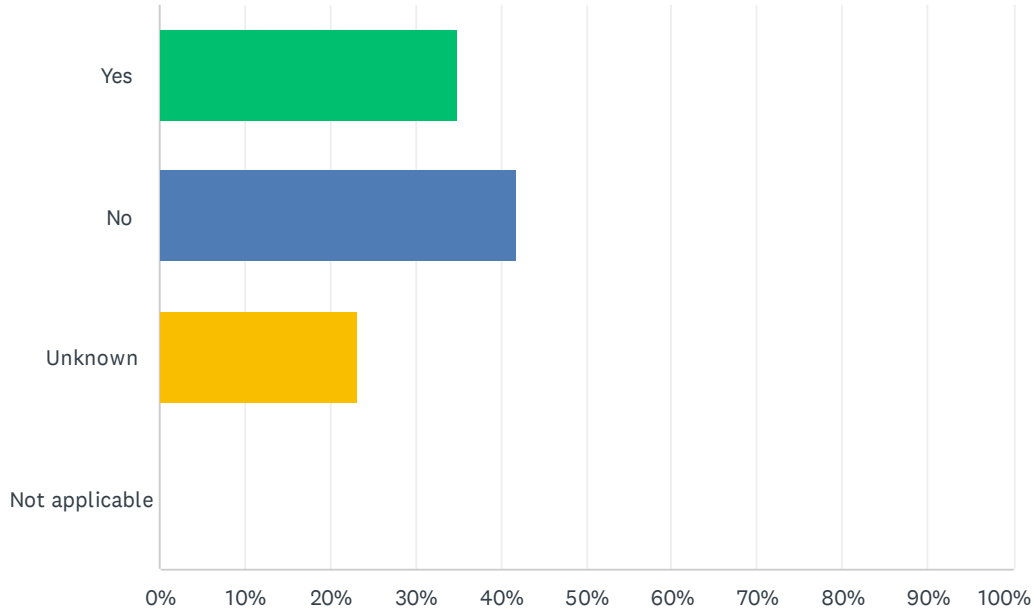
Answered: 42 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	45.24%	19
No	40.48%	17
Not applicable	14.29%	6
TOTAL		42

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

Answered: 43 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	34.88%	15
No	41.86%	18
Unknown	23.26%	10
Not applicable	0.00%	0
TOTAL		43

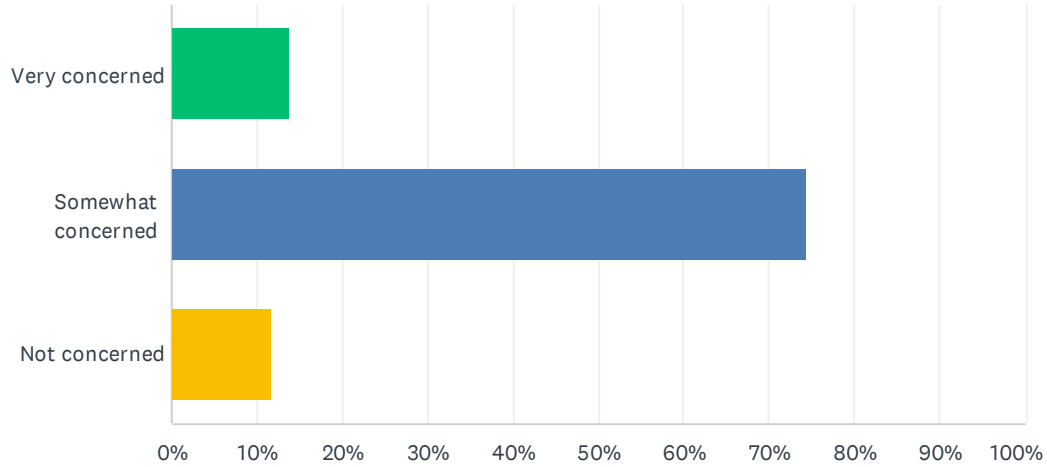
Q7 If so, what was the nature of the event?

Answered: 29 Skipped: 15

#	RESPONSES	DATE
1	Snowmageddon of 2012. Straight line winds of August 2, 2016. There have been other various weather incidents since, but those are the two major ones that come to mind.	12/9/2021 12:43 AM
2	Much flooding and loss of shoreline along shores of Lower Herring lake.	12/2/2021 11:07 AM
3	None	12/2/2021 10:22 AM
4	Lakeshore erosion	12/2/2021 9:51 AM
5	None	12/2/2021 9:51 AM
6	Snow and wind storms causing significant tree damage. Flooding brought on by high water and groundwater.	12/2/2021 9:39 AM
7	unknown	11/1/2021 12:42 PM
8	Na	10/28/2021 7:51 AM
9	Snow storm 2012.	10/25/2021 2:22 PM
10	N/A	10/25/2021 10:56 AM
11	Flooding due to rising waters in Lake MI	10/25/2021 10:18 AM
12	Pandemic	10/22/2021 1:35 PM
13	Flooding in Frankfort/Elberta, Lake MI coastline in Benzie County.	10/22/2021 10:58 AM
14	flooding / erosion	10/21/2021 1:31 PM
15	Flooding, snow storm	10/18/2021 1:32 PM
16	snow	10/8/2021 11:46 AM
17	Na	10/6/2021 10:49 AM
18	Lake water levels, flooding and erosion	10/5/2021 3:52 PM
19	None	10/5/2021 1:35 PM
20	none	10/5/2021 12:31 PM
21	High water level - 2020	10/5/2021 12:11 PM
22	none	10/5/2021 11:20 AM
23	Unknown	10/4/2021 4:31 PM
24	NA	10/4/2021 3:00 PM
25	River ice over with large backup	10/4/2021 1:25 PM
26	High water levels.	10/4/2021 11:28 AM
27	Na	10/4/2021 11:08 AM
28	Extreme snow event 03/02/2012	10/4/2021 10:38 AM
29	High water, flooding	10/4/2021 10:16 AM

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

Answered: 43 Skipped: 1



ANSWER CHOICES	RESPONSES	
Very concerned	13.95%	6
Somewhat concerned	74.42%	32
Not concerned	11.63%	5
TOTAL		43

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: 43 Skipped: 1

#	RESPONSES	DATE
1	illness outbreak	1/6/2022 6:01 PM
2	Wildland fire	12/11/2021 8:10 AM
3	I feel that high winds, tornados, and other weather events that cut power to homes and businesses could potentially have the largest impact. I believe that our grid is fragile enough to start with, and severe weather that impacts a large region of the county could see people without power for multiple days, which is especially dangerous in the winter time.	12/9/2021 12:43 AM
4	flooding	12/4/2021 8:12 PM
5	Illness outbreak, weather calamities and degradation of the natural environment.	12/2/2021 12:44 PM
6	Flood and Fire	12/2/2021 11:07 AM
7	Illness, fire	12/2/2021 10:22 AM
8	Lakeshore erosion and illness break out	12/2/2021 9:51 AM
9	Flood	12/2/2021 9:51 AM
10	Fire, Flood, Wind and Erosion caused by flooding and wind.	12/2/2021 9:39 AM
11	Illness outbreak	12/2/2021 9:03 AM
12	Severe winter weather events	11/5/2021 9:27 PM
13	flood, fire, illness,	11/1/2021 12:42 PM
14	Pandemic	10/28/2021 7:51 AM
15	Flood, fire, illness outbreak.	10/25/2021 2:22 PM
16	unknown	10/25/2021 10:56 AM
17	Fire, Flood	10/25/2021 10:18 AM
18	Illness	10/22/2021 1:35 PM
19	Illness, floods, fires	10/22/2021 10:58 AM
20	flood/ erosion/ illness outbreak	10/21/2021 1:31 PM
21	Wildland Fire, Flooding, Heavy snow	10/18/2021 1:32 PM
22	I'm not very knowledgeable about these matters but I'd say fire and illness outbreak	10/18/2021 9:37 AM
23	possible flooding	10/12/2021 4:52 PM
24	fire	10/8/2021 11:46 AM
25	illness outbreaks, flooding, high winds downing power lines and tree damage	10/8/2021 9:16 AM
26	Fire, drought, illness	10/6/2021 10:49 AM
27	COVID, fire, and flooding	10/5/2021 3:52 PM
28	illness outbreak	10/5/2021 1:35 PM
29	Fire, heavy snow/snowstorms, wind damage	10/5/2021 12:55 PM
30	flood, high winds, illness	10/5/2021 12:31 PM

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31	Flood	10/5/2021 12:11 PM
32	Illness outbreak	10/5/2021 11:29 AM
33	Tornado, fire	10/5/2021 11:20 AM
34	fire, flooding, landslide (we live at the base of an unstable hill filled with springs)	10/5/2021 11:03 AM
35	Water, Power, Weather, pandemic, ?	10/4/2021 4:31 PM
36	fire	10/4/2021 3:00 PM
37	Flood	10/4/2021 1:25 PM
38	Flood or Fire	10/4/2021 12:38 PM
39	High lake levels. High wind/winter storm events.	10/4/2021 11:28 AM
40	Tornado	10/4/2021 11:08 AM
41	I would day power outages in winter time. Maybe a tornado or heavy wind.	10/4/2021 10:38 AM
42	Severe weather	10/4/2021 10:30 AM
43	Flood	10/4/2021 10:16 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: 40 Skipped: 4

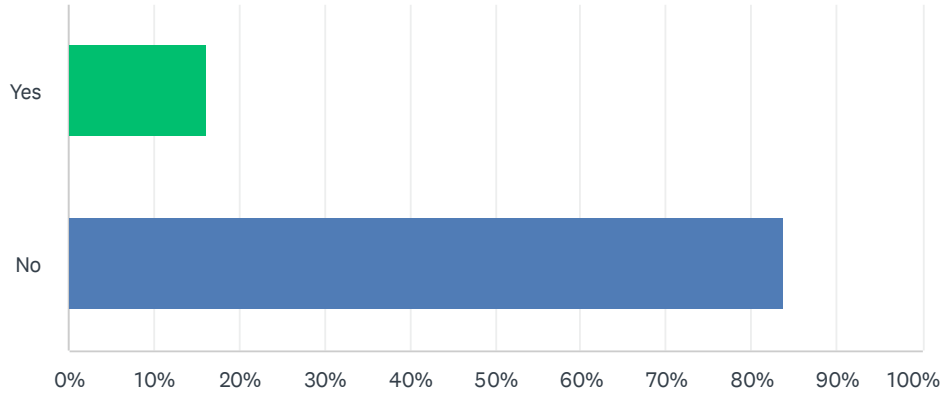
#	RESPONSES	DATE
1	no	1/6/2022 6:01 PM
2	No	12/11/2021 8:10 AM
3	Certainly utilities (power) is a concern, but roads in general are also a concern. If people are out of power, we would want them to go to a warming shelter. But if the roads are not passable, citizens may have difficulty getting to the shelters.	12/9/2021 12:43 AM
4	we have several bridges specifically related to the platte river, also potential power outages due to power lines, also limited availability to internet and heating sources	12/4/2021 8:12 PM
5	Hmmm, me personally, I'm concerned about my village of approximately 340 catering to several hundred thousand tourists a year and the dangers that can come with them.	12/2/2021 12:44 PM
6	Yes, concerns about dam integrity between Lake Michigan and Lower Herring Lake	12/2/2021 11:07 AM
7	We have a bridge that was taken removed and we have hoped that it would be replaced. We have residents that live on the other side of the river. Any emergency vehicles now have to go way out of their way to get to any residents or forest area on the other side of the former bridge location (Haze Road).	12/2/2021 10:22 AM
8	Yes, dams bridges etc in the event of a flood.	12/2/2021 9:51 AM
9	M-22 bridge over Bestie river.	12/2/2021 9:51 AM
10	Critical Infrastructure concerns include the water and sanitary sewer distribution systems. M-22 Bridge in Elberta.	12/2/2021 9:39 AM
11	Further bluff erosion	12/2/2021 9:03 AM
12	Sustained power outages will have a significant impact on our ability to sustain major DPW responsibilities.	11/5/2021 9:27 PM
13	unknown	11/1/2021 12:42 PM
14	Not too much	10/28/2021 7:51 AM
15	Flood and erosion and snow events.	10/25/2021 2:22 PM
16	unknown	10/25/2021 10:56 AM
17	Yes, somewhat concerned about structural integrity of the dam in Lower Herring Lake. Hasn't been a functioning dam in years, but if waters recede a lot it may be something to watch.	10/25/2021 10:18 AM
18	Unsure	10/22/2021 1:35 PM
19	Bridge issues, Frankfort Elberta causeway will flood over again. There are other aging bridges throughout the county as well.	10/22/2021 10:58 AM
20	yes - M22 bridge at Elberta vs water levels	10/21/2021 1:31 PM
21	Not sure	10/18/2021 1:32 PM
22	I don't know	10/18/2021 9:37 AM
23	We had some concerns on the M22 causeway when the water levels were really high in 2019-2020. Worries of washout. It could be a concern if and when the levels rise again.	10/12/2021 4:52 PM

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24	no	10/8/2021 11:46 AM
25	NA	10/6/2021 10:49 AM
26	Bridges are old and some need to be replaced in the future	10/5/2021 3:52 PM
27	Bridges	10/5/2021 2:44 PM
28	No.	10/5/2021 1:35 PM
29	Just general concerns	10/5/2021 12:55 PM
30	none	10/5/2021 12:31 PM
31	The Platte and Betsie River both run through the county. BCRC currently maintains 17 bridges throughout the county (not counting bridges maintained by MDOT). Loosing a major bridge could have long term negative impacts to the county	10/5/2021 12:11 PM
32	un	10/5/2021 11:20 AM
33	unknown	10/4/2021 4:31 PM
34	utilities	10/4/2021 3:00 PM
35	No	10/4/2021 1:25 PM
36	unkown	10/4/2021 12:38 PM
37	no	10/4/2021 11:28 AM
38	No	10/4/2021 11:08 AM
39	power grid.	10/4/2021 10:38 AM
40	Shoreline erosion	10/4/2021 10:16 AM

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

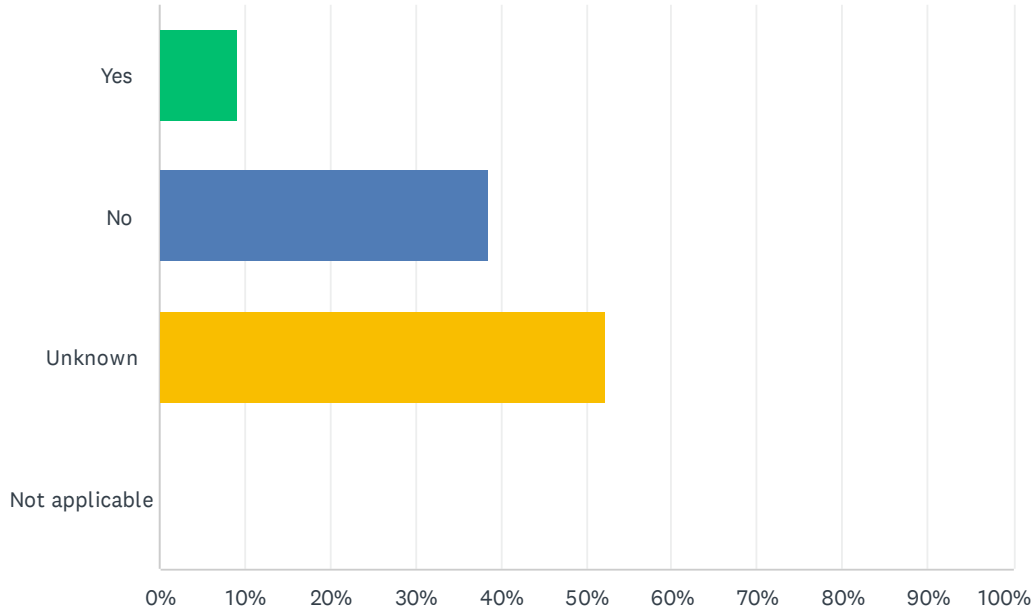
Answered: 43 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	16.28%	7
No	83.72%	36
TOTAL		43

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

Answered: 44 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	9.09%	4
No	38.64%	17
Unknown	52.27%	23
Not applicable	0.00%	0
TOTAL		44

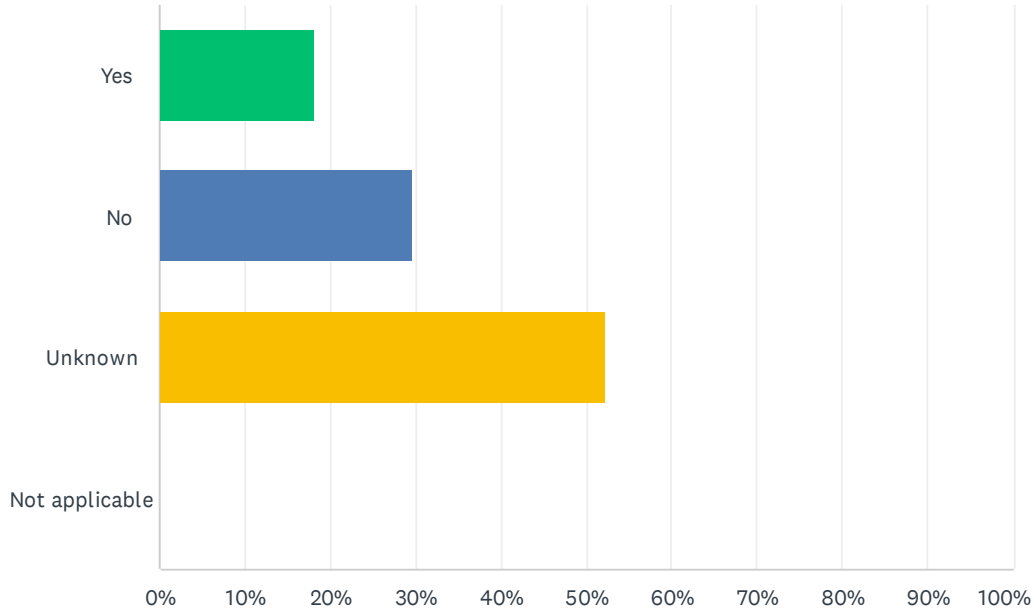
Q13 If so, was your request granted and what type of project did the request include?

Answered: 25 Skipped: 19

#	RESPONSES	DATE
1	Replacing the bridge after the dam on the Betsie river went out	12/11/2021 8:10 AM
2	n/a	12/9/2021 12:43 AM
3	I believe the village of Beulah requested and received a grant to do significant work on the village water/sewer system. The water/sewer system is working well right now but, for how long will this be true, with all of our out-of-town visitors?	12/2/2021 12:44 PM
4	none	12/2/2021 10:22 AM
5	Unknown	12/2/2021 9:51 AM
6	none	12/2/2021 9:51 AM
7	na	11/1/2021 12:42 PM
8	Na	10/28/2021 7:51 AM
9	Unknown.	10/25/2021 2:22 PM
10	N/A	10/25/2021 10:56 AM
11	Don't know	10/22/2021 1:35 PM
12	na	10/22/2021 10:58 AM
13	in past - funds were received for private property flooding - land purchase	10/21/2021 1:31 PM
14	N/A	10/18/2021 1:32 PM
15	guardrail replacement project, federal safety grant	10/8/2021 11:46 AM
16	NA	10/6/2021 10:49 AM
17	Not sure	10/5/2021 3:52 PM
18	None	10/5/2021 1:35 PM
19	none	10/5/2021 12:31 PM
20	none	10/5/2021 11:20 AM
21	yes granted. Control water run-off from storm events	10/5/2021 11:03 AM
22	unknown	10/4/2021 4:31 PM
23	na	10/4/2021 3:00 PM
24	Unk	10/4/2021 1:25 PM
25	Na	10/4/2021 11:08 AM

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

Answered: 44 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	18.18%	8
No	29.55%	13
Unknown	52.27%	23
Not applicable	0.00%	0
TOTAL		44

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

Answered: 23 Skipped: 21

#	RESPONSES	DATE
1	I feel that joint planning and/or training with the utilities companies to help them restoring power to our citizens could be beneficial.	12/9/2021 12:43 AM
2	I am concerned about our freshwater environment—Crystal Lake, the Betsie and Platte Rivers and, not to mention Lake Michigan.	12/2/2021 12:44 PM
3	..	12/2/2021 10:22 AM
4	none	12/2/2021 9:51 AM
5	Better establish a resilient shoreline to overcome high water cycles that create erosion concerns. Install check valves on storm discharge locations.	12/2/2021 9:39 AM
6	Fire, further effects of pandemic	12/2/2021 9:03 AM
7	preparedness	11/1/2021 12:42 PM
8	Na	10/28/2021 7:51 AM
9	Underground utilities, erosion and floods.	10/25/2021 2:22 PM
10	N/A	10/25/2021 10:56 AM
11	Not sure	10/22/2021 1:35 PM
12	na	10/22/2021 10:58 AM
13	N/A	10/18/2021 1:32 PM
14	none	10/8/2021 11:46 AM
15	TBD	10/6/2021 10:49 AM
16	FEMA grants	10/5/2021 3:52 PM
17	None	10/5/2021 1:35 PM
18	none	10/5/2021 12:31 PM
19	none	10/5/2021 11:20 AM
20	unknown	10/4/2021 4:31 PM
21	na	10/4/2021 3:00 PM
22	Unk	10/4/2021 1:25 PM
23	Na	10/4/2021 11:08 AM

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

Answered: 23 Skipped: 21

#	RESPONSES	DATE
1	No additional information.	12/9/2021 12:43 AM
2	none	12/2/2021 10:22 AM
3	No	12/2/2021 9:51 AM
4	Natural resiliency strategies to critical areas of our shoreline.	12/2/2021 9:39 AM
5	na	11/1/2021 12:42 PM
6	Na	10/28/2021 7:51 AM
7	Underground infrastructure for continual power and erosion control along waterways.	10/25/2021 2:22 PM
8	Unknown	10/25/2021 10:56 AM
9	Not now	10/22/2021 1:35 PM
10	na	10/22/2021 10:58 AM
11	None at this time	10/18/2021 1:32 PM
12	High water level - flooding information.	10/12/2021 4:52 PM
13	unknown	10/8/2021 11:46 AM
14	TND	10/6/2021 10:49 AM
15	No	10/5/2021 2:44 PM
16	NO.	10/5/2021 1:35 PM
17	none	10/5/2021 12:31 PM
18	no	10/5/2021 11:20 AM
19	unknown	10/4/2021 4:31 PM
20	na	10/4/2021 3:00 PM
21	No	10/4/2021 1:25 PM
22	Unknown	10/4/2021 11:08 AM
23	no	10/4/2021 10:38 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 so we may include you on future invitations.

Answered: 31 Skipped: 13

#	RESPONSES	DATE
1	No thanks	12/11/2021 8:10 AM
2	If my background is beneficial I would be happy to help out. Central Dispatch contact info: Michael Draeger mdraeger@benzieco.net 231-871-8185 Thompsonville Fire Dept contact info: Michael Draeger station8comms@outlook.com 231-357-0610	12/9/2021 12:43 AM
3	possibly, but time is limited. supervisor@homesteadwp.com	12/4/2021 8:12 PM
4	No, too busy!	12/2/2021 11:07 AM
5	Not at this time.	12/2/2021 10:22 AM
6	Undersheriff Gregory T Hubers Benzie County County Sheriff's Office ghubers@benzieco.net 231-882-4484	12/2/2021 9:51 AM
7	No	12/2/2021 9:51 AM
8	Yes; however, due to my existing responsibilities I may not be able to facilitate certain meetings that are established. Joshua Mills City Superintendent City of Frankfort jmills@cofrankfort.net (231) 651-9117 - Cell	12/2/2021 9:39 AM
9	Perhaps, but depends on time committment	12/2/2021 9:03 AM
10	yes, Meghan.Powers3@redcross.org	11/1/2021 12:42 PM
11	No thank you	10/28/2021 7:51 AM
12	Already participate as tribal liaison on Benzie LEPC meetings.	10/25/2021 2:22 PM
13	No thank you.	10/25/2021 10:56 AM
14	No, sorry.	10/25/2021 10:18 AM
15	Not at this time	10/22/2021 1:35 PM
16	I believe I am already involved as a member of the LPT and LEPC.	10/22/2021 10:58 AM
17	Tim Markey (231) 871-1399 markey02@yahoo.com	10/18/2021 1:32 PM
18	Possibly sometime in the future	10/18/2021 9:37 AM
19	I would love to but my plate is packed full of Elberta projects at this moment. Thank you!	10/12/2021 4:52 PM
20	no	10/8/2021 11:46 AM
21	No	10/6/2021 10:49 AM
22	Gary Sauer garysauer53@yahoo.com	10/5/2021 3:52 PM
23	No	10/5/2021 2:44 PM
24	No.	10/5/2021 1:35 PM
25	Jason Barnard PO Box 224 Benzonia, MI 49616 231-882-4411	10/5/2021 12:55 PM
26	no	10/5/2021 12:31 PM
27	na	10/4/2021 3:00 PM

Benzie County Hazard Mitigation Community Survey

28	Mcmead65@yahoo.com	10/4/2021 1:25 PM
29	No	10/4/2021 11:08 AM
30	not outside my duties at this time.	10/4/2021 10:38 AM
31	Gregoryawright@att.net	10/4/2021 10:16 AM