

## **F Hazard Mitigation and Severe Weather Community Survey Results**

### **Warner Community Survey for Hazard Mitigation and Severe Weather Events**

To obtain broad public input on hazard mitigation and severe weather events, an online community survey posted on Survey Monkey was developed in **November 2023** and remained open through **July 31, 2024**. Every person on the Town's public email distribution list received notification of the survey, the Town website prominently published its link, as did Department social media. A total of **100** responses was received from the community at large. Following the HIRA hazard list, the survey asked respondents seven questions:

- » **Q1** Which roads, areas or water bodies are you most concerned about in Warner when storms or severe weather or other hazard events occur? Check all that apply.

Respondents were most greatly concerned about: Along the Warner River (51%). Over 20% of respondents identified other areas of concern: I-89 Exit 9 (29%), Kearsarge Mountain Road/Mt. Kearsarge (23%), I-89 Exit 8 (22%), and I-89 Exit 7 Davisville (21%). NH 103 West (20%), NH 103 East (20%). Also of high concern were Pumpkin Hill Road (19%), Damage to maintained trails and recreation fields/parks/Town Forests (18%), and varied Write-In Responses (16%). Over 10% of respondents identified other concerning areas: Tom Pond area (15%), Schoodac Road (15%), Depot Street/Chemical Lane/North Village Road Area (13%), and Collins Road/Newmarket District (10%).

- » **Q2** How concerned are you about the following natural hazards, storms/severe weather events, or human/technological hazards impacting Warner within the next 5 years? (On an Extremely Concerned-Very Concerned-Moderately Concerned-Slightly Concerned-Not Concerned 1-5 scale)

Aggregated responses of Extremely Concerned + Very Concerned hazards indicated respondents were most concerned about Aging Infrastructure (56%), High Wind (55%), Excessive Heat (49%), Ice Storm (46%), Public Health (44%), and Long Term Utility Outage (43%). The aggregated lowest-rated Slightly Concerned + Not Concerned hazards were Earthquake (82%), Landslide (76%), Radiological Incident (68%), and Tropical/Post Tropical Storms (68%).

- » **Q3** Natural hazards or severe weather can have a significant impact on a community but planning for or mitigating these events can help lessen the impacts. Planning projects may require Town funds as well as federal funds in addition to Town staff support and volunteer support. Please indicate how important you believe these local mitigation planning priorities are for Warner: (On an Extremely Important-Very Important-Moderately Important-Slightly Important-Not Important 1-5 scale).

**APPENDIX F HAZARD MITIGATION & SEVERE WEATHER COMMUNITY SURVEY RESULTS**

The aggregated Extremely + Very Important top three mitigation planning priorities were to Protect Town Facilities and Operations (79%), Improve the Transportation Network (70%), and Enhance the Functions of Natural Features (70%). None of the priorities were lower than 54% of all responses, and several varied write-in responses were included.

- **Q4 & Q6** Can you describe any notable severe weather event/storm, disaster or other hazard incident you experienced in Warner? If yes, please provide brief comments on up to 2 events by describing what happened (What), the location (Where), the approximate month and year of the occurrence (When), and how (How) you and your household were impacted.

Fewer than 60 responses were provided to these two questions. The most frequently recalled events were Floods/Heavy Rains (16), Tornados (10), Snow and Ice (10), but Power Outages, Lightning, Drought and Windstorms were also mentioned. The locations occurred throughout town with no identifiable concentrations. Impacts included transportation disruption to/from homes, driveway washouts, downed trees, damage to structures from trees, winds and water, and electrical outages.

- **Q5 & Q7** How severe would you rate Event 1 & 2? (On an adjustable scale bar between 0-100, with 0-Not Too Bad/ 50-Bad/ 100-Worst in Memory).

Respondents provided a wide range of ratings for the events they recounted, averaging 58% on the scales.

- **Q8** In your household, has anyone recently completed any of the following preparedness or mitigation activities? Check all that apply.

Regarding mitigation and preparedness, respondents most frequently: Changed batteries in smoke or carbon monoxide detectors (77%), Removed hazardous trees at their home (61%), Installed a generator or secondary heating source (57%), Talked about what to do with household members in case of severe weather emergency or natural disaster (48%), and Kept an undisturbed, vegetated buffer on your property along ponds, streambanks, riverbanks and wetlands (46%). The lowest-rated activities selected by respondents, indicating a need for additional outreach to promote these areas, were: Researched disaster information online or obtained brochures on disaster public education (14%), Floodproofed or elevated home interior systems (12%), Attended disaster trainings or workshops (8%), Served on an emergency-related committee (8%), and None (3%).

- **Q9** What are the best ways for you to receive essential information about storms, disasters and severe weather events in Warner? Please check your top 5:

Respondents preferred to learn about storms, disasters and severe weather by Local Television WMUR (56%), Receive Information by Emergency Alert System or Reverse 911 (55%), National Weather Service Gray Maine (54%), Install Cellphone Apps like NH Alerts (47%),

**APPENDIX F HAZARD MITIGATION & SEVERE WEATHER COMMUNITY SURVEY RESULTS**

and Town Library E-Notification Newsletters (44%). The lowest-rated selections under 10% of all responses, indicating the least effective ways to receive storm notifications and updates, were: Church or Other Local Gathering (9%), Call Town Office at 603-456-2298 (8%), View Posted Notices at Town Offices (6%), School Notices/School Automated Calls & Texts (6%), Wellness Checks at Your Home (3%).

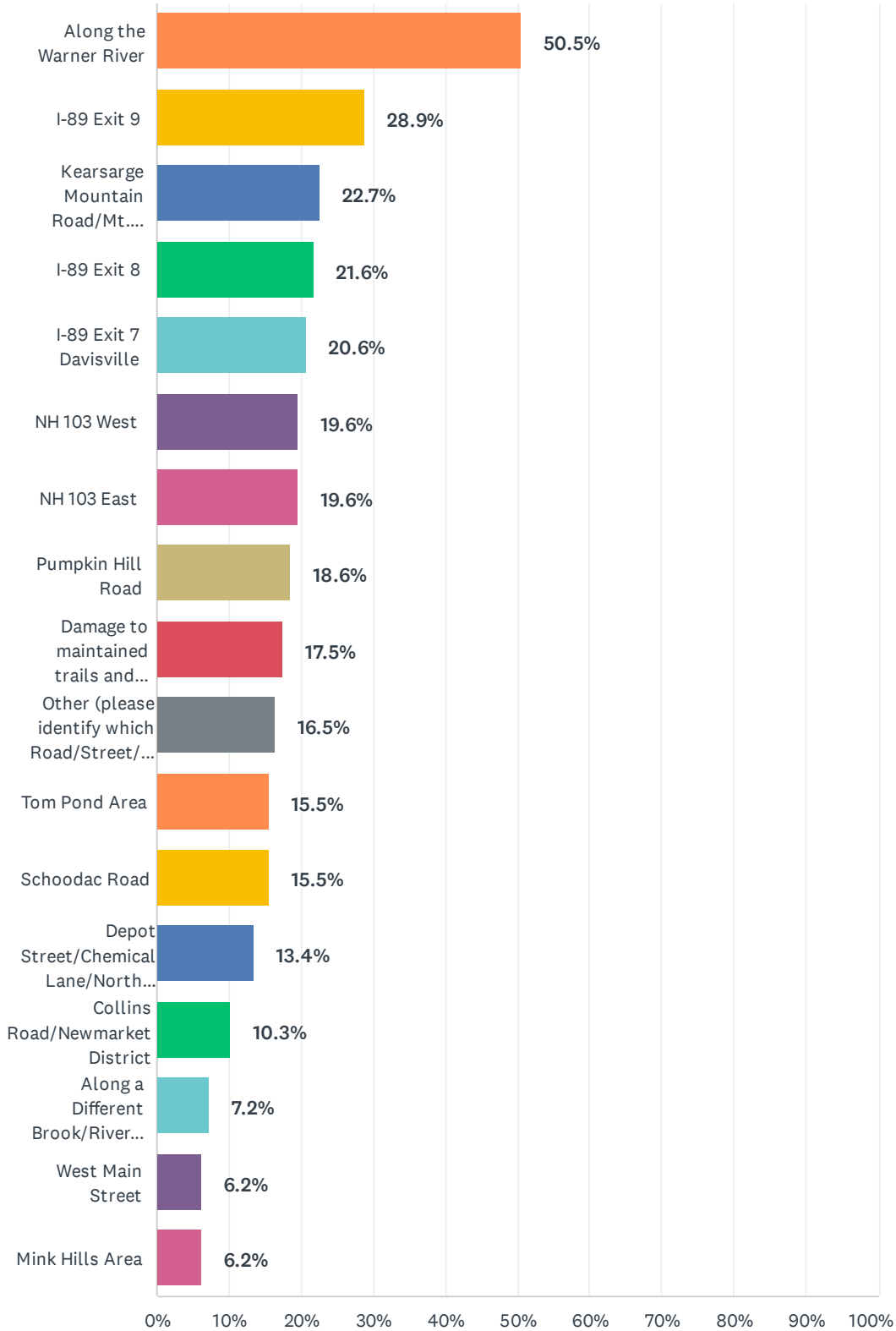
»» **Q10** Please feel free to provide any other concerns or information related to severe weather, disasters, and hazard mitigation in Warner in the space below.

Only 14 of the 100 respondents added Q10 write-comments, so there were few common threads. Falling trees and tree maintenance and storm preparation were mentioned most frequently. However, each question of the survey offered additional room for write-in choices or comments. The summary of survey responses including all write-in comments are provided in **APPENDIX F COMMUNITY SURVEY**.

Public input from the **100** survey responses was used to confirm Town Department and operations priorities, and specifically informed the Town on how the public wishes to be notified during a disaster event. The natural hazards of greatest concern to the public, **High Winds, Ice Storms, Public Health, and Extreme Heat**, are being addressed in **8 MITIGATION ACTION PLAN**.

**Q1 Which roads, areas, or water bodies are you most concerned about in Warner when storms or severe weather or other hazard events occur?  
Check all that apply.**

Answered: 97 Skipped: 3



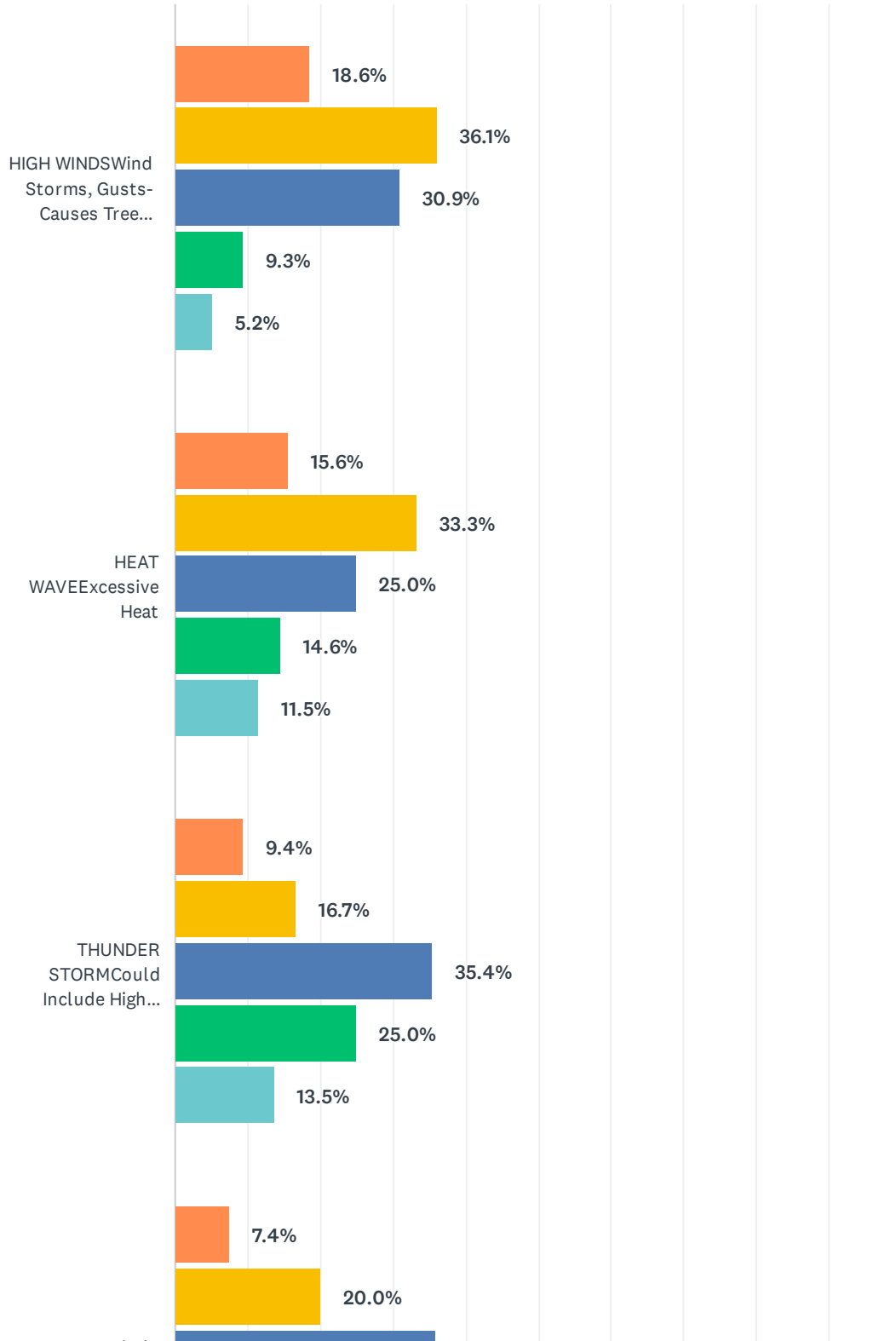
ANSWER CHOICES	RESPONSES
Along the Warner River	50.5% 49
I-89 Exit 9	28.9% 28
Kearsarge Mountain Road/Mt. Kearsarge	22.7% 22
I-89 Exit 8	21.6% 21
I-89 Exit 7 Davisville	20.6% 20
NH 103 West	19.6% 19
NH 103 East	19.6% 19
Pumpkin Hill Road	18.6% 18
Damage to maintained trails and recreation fields/parks/Town Forests	17.5% 17
Other (please identify which Road/Street/Brook or area)	16.5% 16
Tom Pond Area	15.5% 15
Schoodac Road	15.5% 15
Depot Street/Chemical Lane/North Village Road Area	13.4% 13
Collins Road/Newmarket District	10.3% 10
Along a Different Brook/River (enter in Other box)	7.2% 7
West Main Street	6.2% 6
Mink Hills Area	6.2% 6
Total Respondents: 97	

#	OTHER (PLEASE IDENTIFY WHICH ROAD/STREET/BROOK OR AREA)	DATE
1	Davis Brook	5/27/2024 3:26 PM
2	cemeteries	4/26/2024 6:07 AM
3	Stevens Brook	3/20/2024 2:01 PM
4	Slaughter Brook, Home ST	3/12/2024 10:05 AM
5	Class 6 roads and any roads with poorly maintained ditches. Some of our highway practices exaserbates potential runoff from severe storms. Roads are being continually built up, and the runoof not properly dealt with.	2/25/2024 11:03 AM
6	Mason hill & couchtown	2/7/2024 7:55 PM
7	Willow Brook/ Children's brook	1/11/2024 7:00 AM
8	Ballard Brook along Red Chimney Rd	1/10/2024 10:06 PM
9	Couchtown rd	1/10/2024 4:25 PM
10	Quimby Road	1/10/2024 4:10 PM
11	No concerning areas	1/3/2024 11:25 AM
12	joppa covered bridge	12/29/2023 7:00 AM
13	Melvin Road area; Willaby Colby Lane; Waterloo area	12/22/2023 9:49 AM
14	Schoodac Brook	12/17/2023 10:45 AM

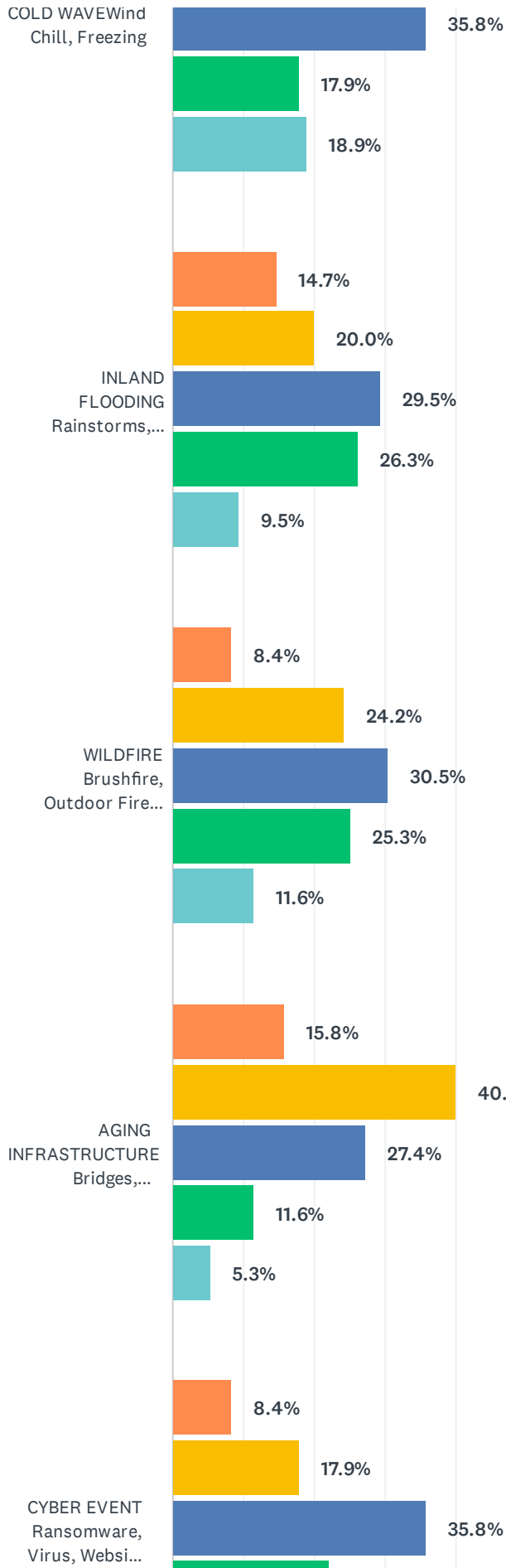
15	Mason Hill by swamp	12/3/2023 10:53 AM
16	Parade ground cemetery road	12/2/2023 6:54 AM

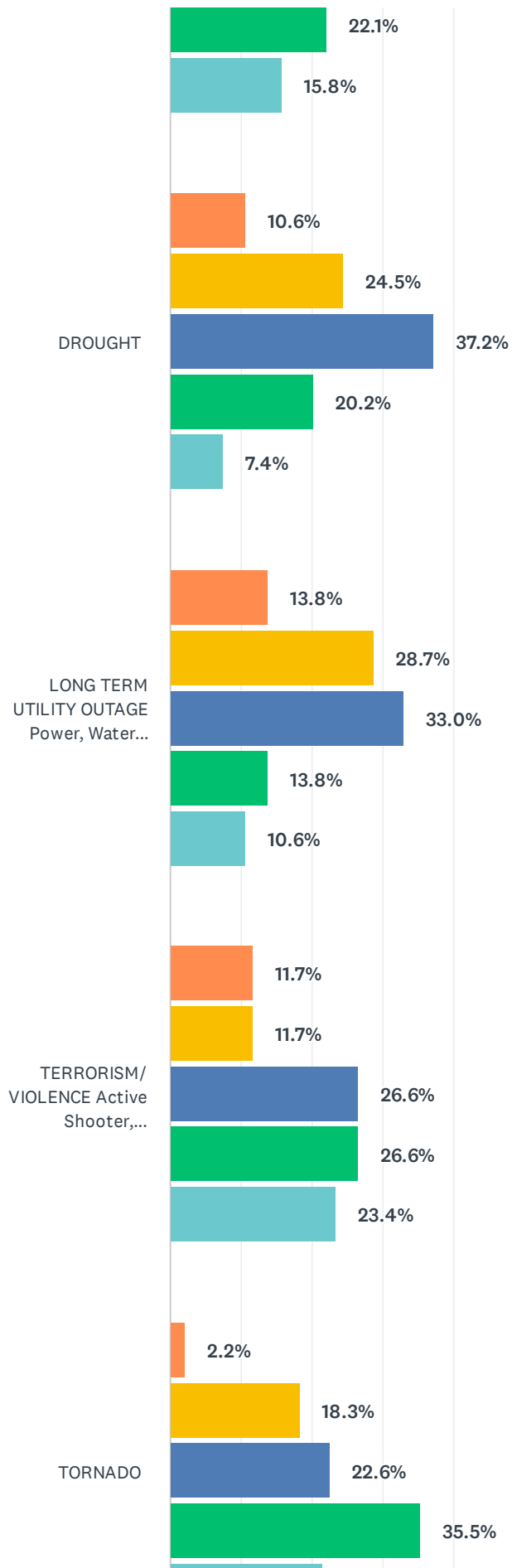
## Q2 How concerned are you about the following natural hazards, storms/severe weather events, or human & technological hazards impacting Warner within the next 5 years?

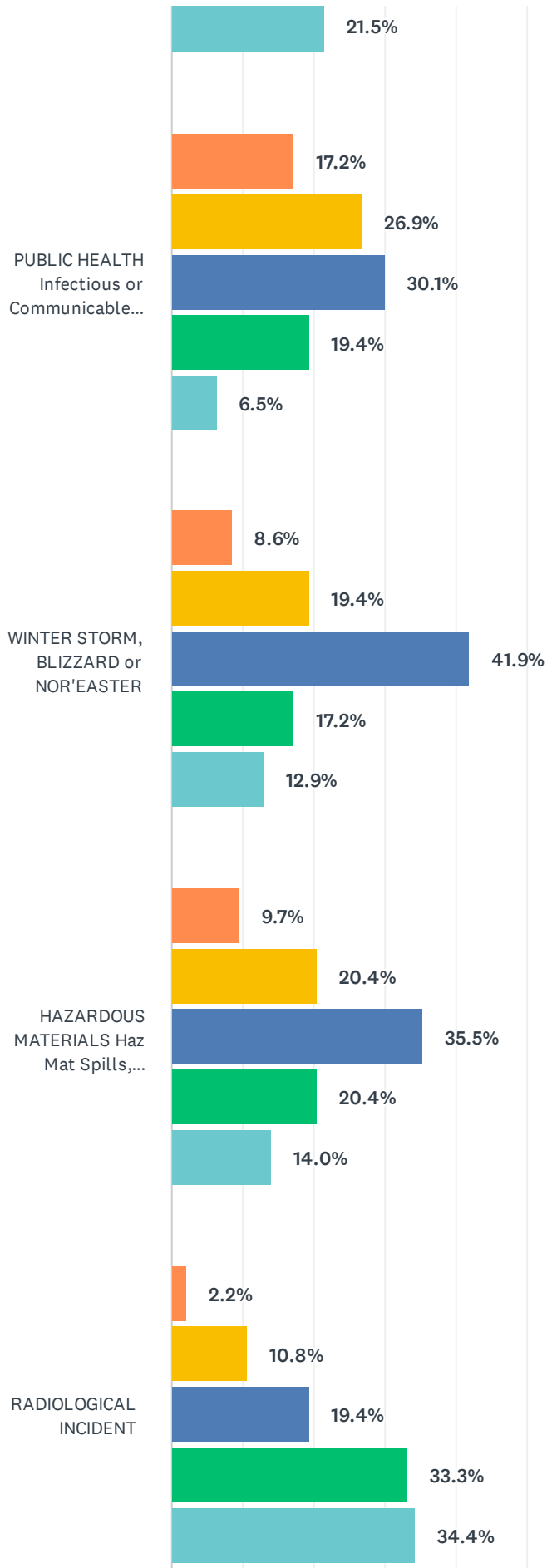
Answered: 99 Skipped: 1

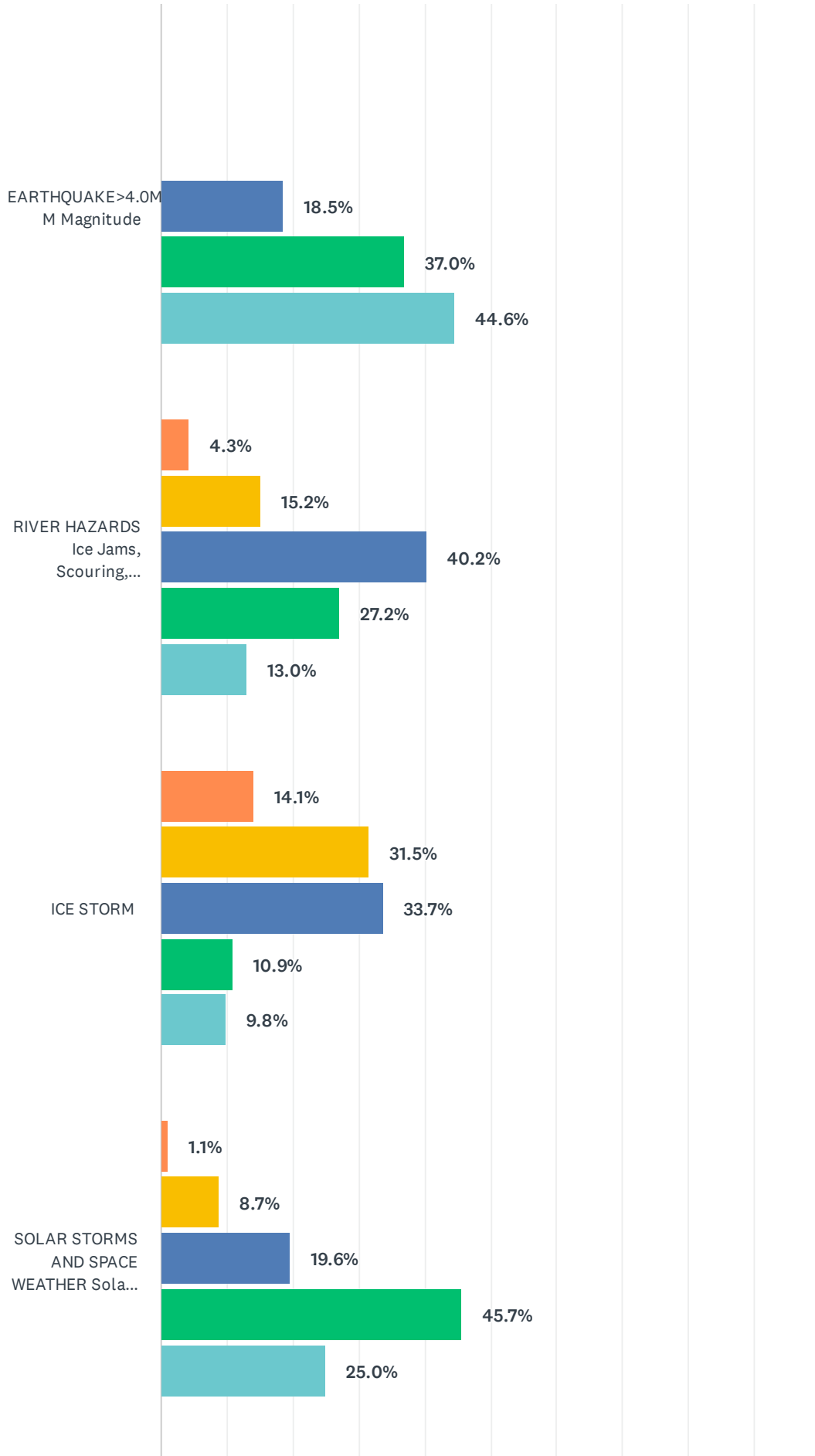


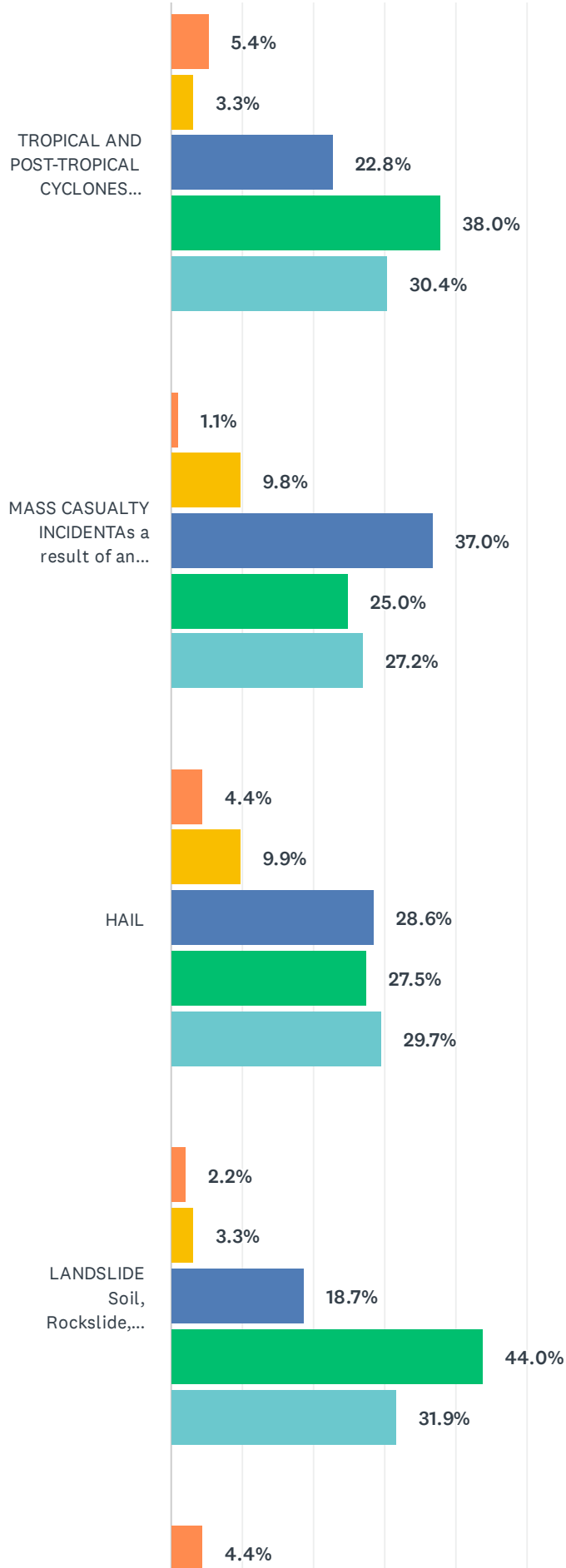


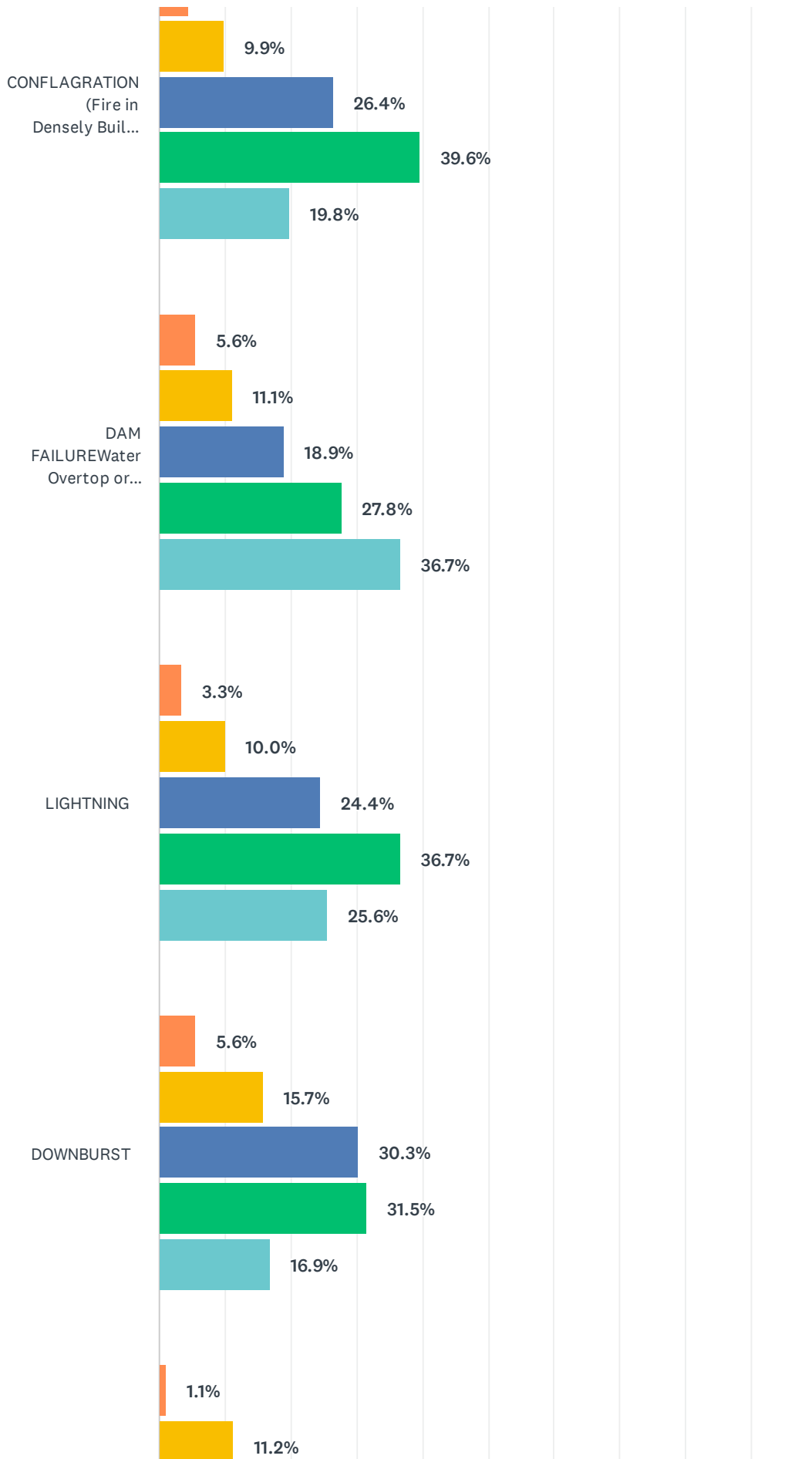


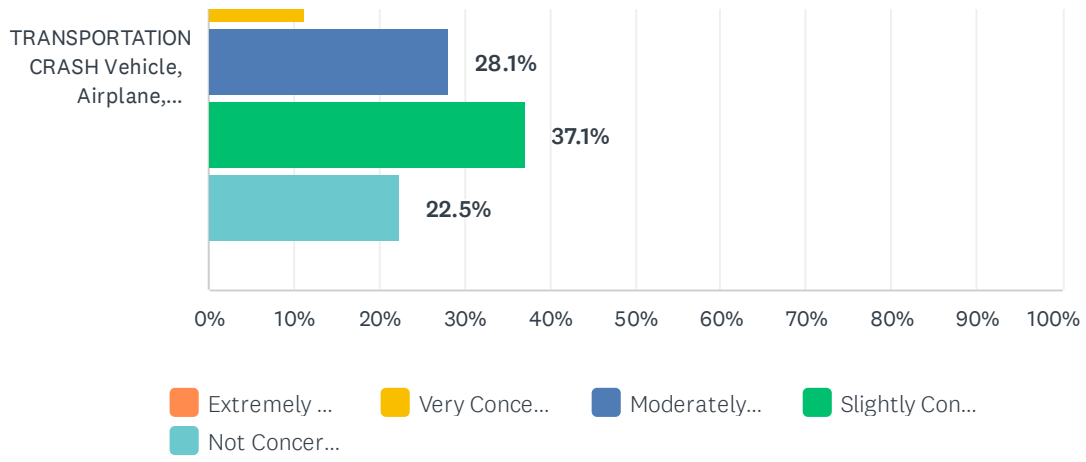












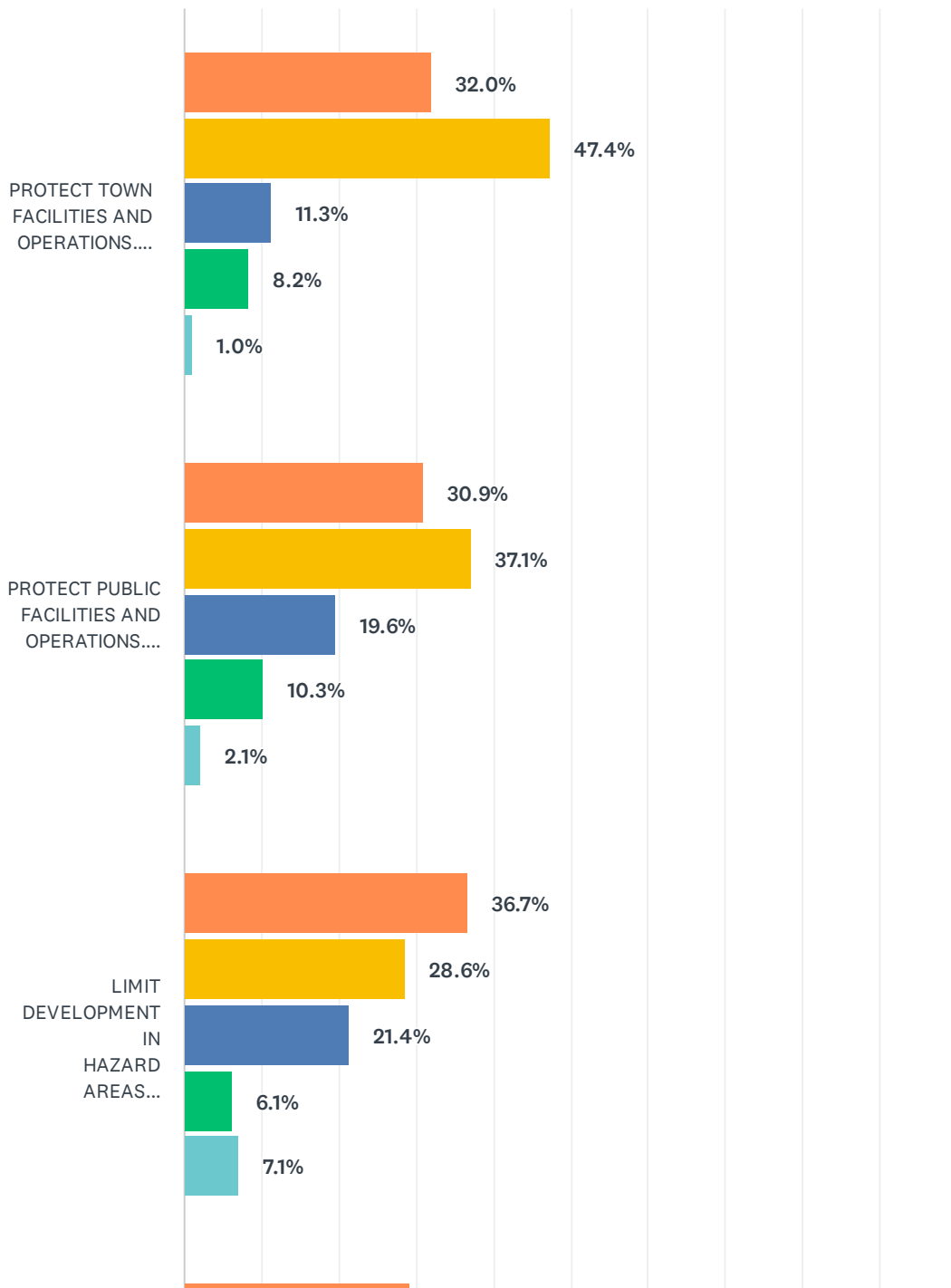
	EXTREMELY CONCERNED	VERY CONCERNED	MODERATELY CONCERNED	SLIGHTLY CONCERNED	NOT CONCERNED AT ALL	TOTAL	WEIGHTED AVERAGE
HIGH WINDS Wind Storms, Gusts- Causes Tree Debris, Electric Outage	18.6% 18	36.1% 35	30.9% 30	9.3% 9	5.2% 5	97	
HEAT WAVE Excessive Heat	15.6% 15	33.3% 32	25.0% 24	14.6% 14	11.5% 11	96	
THUNDER STORM Could Include High Winds, Lightning, Rain	9.4% 9	16.7% 16	35.4% 34	25.0% 24	13.5% 13	96	
COLD WAVE Wind Chill, Freezing	7.4% 7	20.0% 19	35.8% 34	17.9% 17	18.9% 18	95	
INLAND FLOODING Rainstorms, Snow Melt, Flash Floods- Causes Ditch Erosion, Road Washouts, River & Pond Overtop	14.7% 14	20.0% 19	29.5% 28	26.3% 25	9.5% 9	95	
WILDFIRE Brushfire, Outdoor Fires, Accidental	8.4% 8	24.2% 23	30.5% 29	25.3% 24	11.6% 11	95	
AGING INFRASTRUCTURE Bridges, Culverts, Roads, Pipes, Underground Lines, Debris	15.8% 15	40.0% 38	27.4% 26	11.6% 11	5.3% 5	95	
CYBER EVENT Ransomware, Virus, Website Overtake, Cloud Data Breach, Identity Theft, Ransomware	8.4% 8	17.9% 17	35.8% 34	22.1% 21	15.8% 15	95	
DROUGHT	10.6% 10	24.5% 23	37.2% 35	20.2% 19	7.4% 7	94	
LONG TERM UTILITY OUTAGE Power, Water, Sewer, Gas, Internet, Communications, Live Wire Danger	13.8% 13	28.7% 27	33.0% 31	13.8% 13	10.6% 10	94	
TERRORISM/ VIOLENCE Active Shooter, Hostage, Civil Disturbance/ Unrest, Sabotage, Vandalism, Social Media Influence	11.7% 11	11.7% 11	26.6% 25	26.6% 25	23.4% 22	94	
TORNADO	2.2% 2	18.3% 17	22.6% 21	35.5% 33	21.5% 20	93	
PUBLIC HEALTH Infectious or Communicable Diseases, Air & Water Quality, Biological Infestation, Addiction, Mosquito & Tick-borne Diseases	17.2% 16	26.9% 25	30.1% 28	19.4% 18	6.5% 6	93	
WINTER STORM, BLIZZARD or NOR'EASTER	8.6% 8	19.4% 18	41.9% 39	17.2% 16	12.9% 12	93	
HAZARDOUS	9.7%	20.4%	35.5%	20.4%	14.0%		

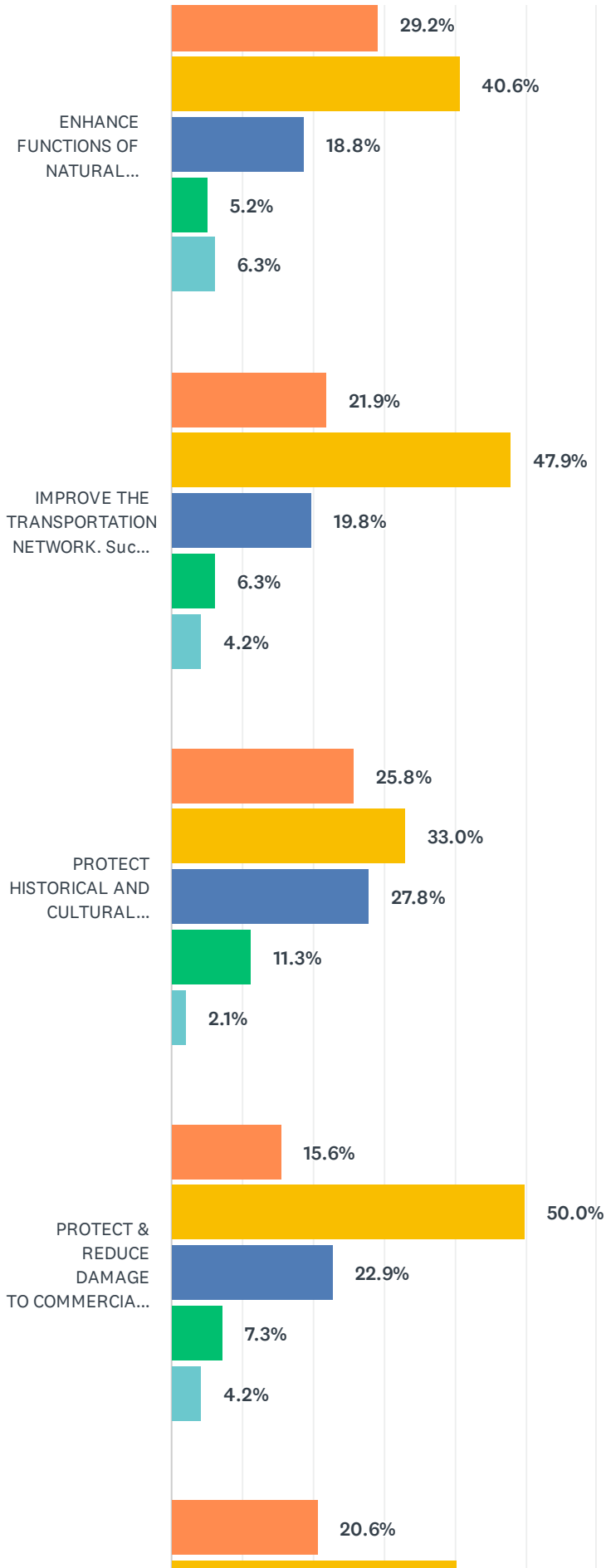


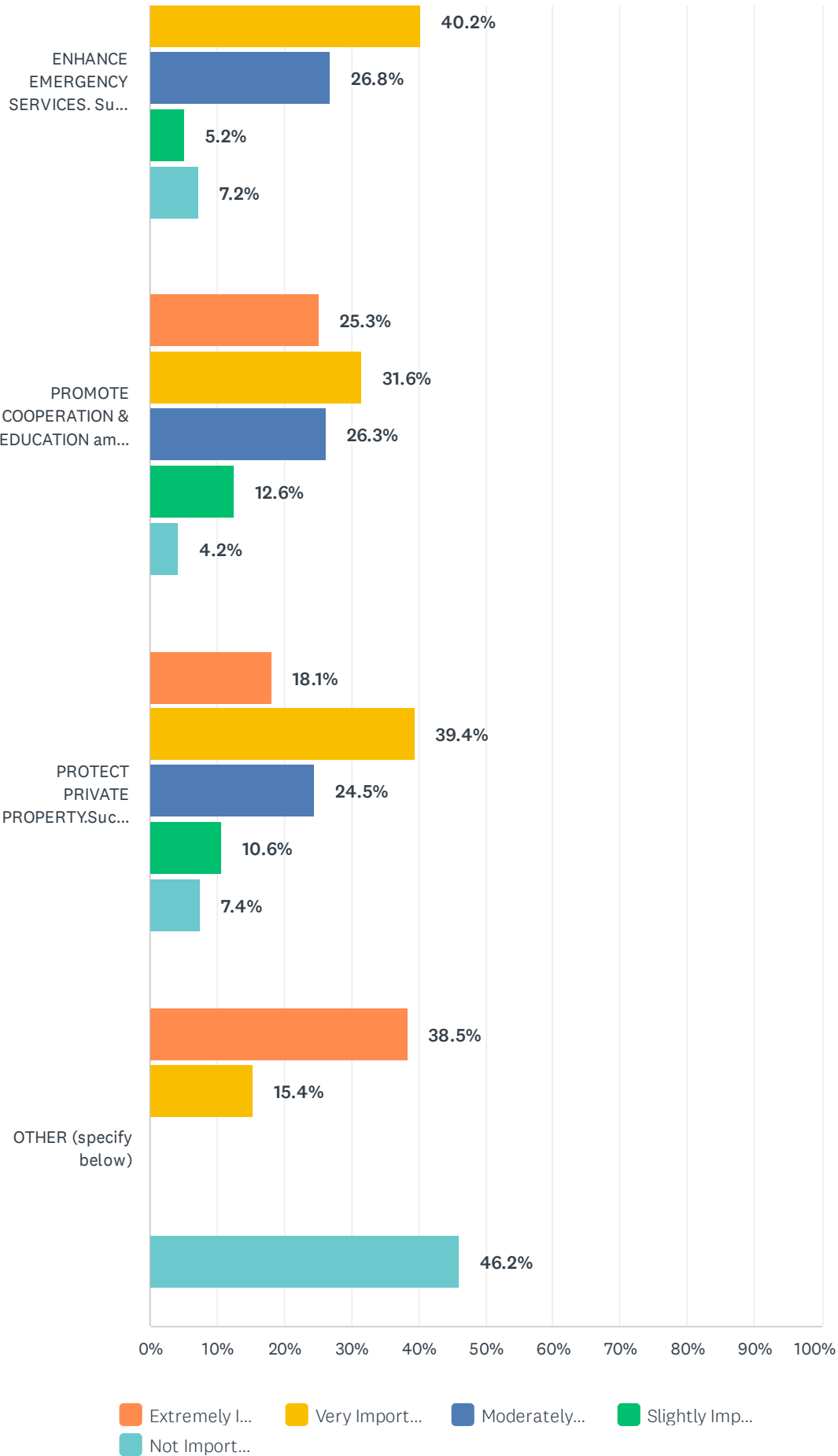
MATERIALS Haz Mat Spills, Brownfields, Trucking, Known and Emerging Contaminants (like PFAS)	9	19	33	19	13	93
RADIOLOGICAL INCIDENT	2.2% 2	10.8% 10	19.4% 18	33.3% 31	34.4% 32	93
EARTHQUAKE>4.0MM Magnitude	0.0% 0	0.0% 0	18.5% 17	37.0% 34	44.6% 41	92
RIVER HAZARDS Ice Jams, Scouring, Erosion, Channel or Debris Movement	4.3% 4	15.2% 14	40.2% 37	27.2% 25	13.0% 12	92
ICE STORM	14.1% 13	31.5% 29	33.7% 31	10.9% 10	9.8% 9	92
SOLAR STORMS AND SPACE WEATHER Solar Winds, Geomagnetic Storms (Aurora Borealis), Solar Radiation, Radio Blackout-Causes Power Grid Failure, HF Radio (Emergency) Communications, GPS Failure	1.1% 1	8.7% 8	19.6% 18	45.7% 42	25.0% 23	92
TROPICAL AND POST-TROPICAL CYCLONES Hurricanes, Tropical Storms	5.4% 5	3.3% 3	22.8% 21	38.0% 35	30.4% 28	92
MASS CASUALTY INCIDENTAs a result of any hazard event	1.1% 1	9.8% 9	37.0% 34	25.0% 23	27.2% 25	92
HAIL	4.4% 4	9.9% 9	28.6% 26	27.5% 25	29.7% 27	91
LANDSLIDE Soil, Rockslide, Excavation Areas	2.2% 2	3.3% 3	18.7% 17	44.0% 40	31.9% 29	91
CONFLAGRATION (Fire in Densely Built Areas)	4.4% 4	9.9% 9	26.4% 24	39.6% 36	19.8% 18	91
DAM FAILUREWater Overtop or Breach, Beaver Damage	5.6% 5	11.1% 10	18.9% 17	27.8% 25	36.7% 33	90
LIGHTNING	3.3% 3	10.0% 9	24.4% 22	36.7% 33	25.6% 23	90
DOWNBURST	5.6% 5	15.7% 14	30.3% 27	31.5% 28	16.9% 15	89
TRANSPORTATION CRASH Vehicle, Airplane, Helicopter, Rail, Interstate, Pedestrian, Bicycle	1.1% 1	11.2% 10	28.1% 25	37.1% 33	22.5% 20	89

Q3 Natural hazards or severe weather can have a significant impact on a community, but planning for or mitigating these events can help lessen the impacts. Planning projects may require Town funds as well as federal funds in addition to Town staff support and volunteer support. Please indicate how important you believe these local mitigation planning priorities are for Warner:

Answered: 98 Skipped: 2









	EXTREMELY IMPORTANT	VERY IMPORTANT	MODERATELY IMPORTANT	SLIGHTLY IMPORTANT	NOT IMPORTANT AT ALL	TOTAL	WEIGHTED AVERAGE
PROTECT TOWN FACILITIES AND OPERATIONS. Such as Safety Center, Police Dept, Town Office, Highway Dept, Transfer Station, Warner Village Water District service, other Town services, etc.	32.0% 31	47.4% 46	11.3% 11	8.2% 8	1.0% 1	97	4.0
PROTECT PUBLIC FACILITIES AND OPERATIONS. Such as the public Dams, Schools & programs, Libraries & programs, Recreational Sites, Mt. Kearsarge.	30.9% 30	37.1% 36	19.6% 19	10.3% 10	2.1% 2	97	3.0
LIMIT DEVELOPMENT IN HAZARD AREAS. Such as along Warner River, brooks, floodplains, wetlands, steep slopes, etc.	36.7% 36	28.6% 28	21.4% 21	6.1% 6	7.1% 7	98	3.0
ENHANCE FUNCTIONS OF NATURAL FEATURES like brooks, wetlands, and Warner River, Mink Hills, Class VI roads, and conservation lands. Such as making sure Town culverts are sized properly, limiting erosion, obtaining waterfront land, supporting trails and careful recreational uses.	29.2% 28	40.6% 39	18.8% 18	5.2% 5	6.3% 6	96	3.0
IMPROVE THE TRANSPORTATION NETWORK. Such as spending time and money on roads, culverts, drainage, bridges, clearing debris after storms.	21.9% 21	47.9% 46	19.8% 19	6.3% 6	4.2% 4	96	3.0
PROTECT HISTORICAL AND CULTURAL LANDMARKS. Such	25.8% 25	33.0% 32	27.8% 27	11.3% 11	2.1% 2	97	3.0

as old schoolhouses, cemeteries, covered bridges, bike paths, trails, railtrail, Town buildings, historic markers, etc.

PROTECT & REDUCE DAMAGE TO COMMERCIAL UTILITIES. Such as electrical lines, fiber optic, satellite, cellular service, telecomm towers, (future) hydroelectric.	15.6% 15	50.0% 48	22.9% 22	7.3% 7	4.2% 4	96	3.0
ENHANCE EMERGENCY SERVICES. Such as Police, Fire & Rescue, Public Works Dept and Emergency Management.	20.6% 20	40.2% 39	26.8% 26	5.2% 5	7.2% 7	97	3.0
PROMOTE COOPERATION & EDUCATION among public agencies, citizens, non-profit organizations, schools, and businesses. Such as for specific projects, hazard mitigation plan, emergency preparedness, emergency operations and response.	25.3% 24	31.6% 30	26.3% 25	12.6% 12	4.2% 4	95	3.0
PROTECT PRIVATE PROPERTY. Such as hazard mitigation training & workshops for owners, assisting with funding sources for improvements, helping owners through the regulation process, encouraging improvements to buildings, roads and private culverts.	18.1% 17	39.4% 37	24.5% 23	10.6% 10	7.4% 7	94	3.0
OTHER (specify below)	38.5% 5	15.4% 2	0.0% 0	0.0% 0	46.2% 6	13	3.0

#	OTHER (PLEASE SPECIFY YOUR MITIGATION PLANNING PRIORITY)	DATE
1	Maintain power to homes and other buildings.	6/29/2024 12:15 PM
2	All roads and bridges!	5/27/2024 6:01 PM

3	Prevent construction close to the Warner River.	5/27/2024 2:35 PM
4	your choice to put historical and cultural landmarks and paths and trails into one groups is concerning as these are 2 different catagories. most people would feel different about protecting a historical building than they would spending tax dollars on a walking trail	4/26/2024 6:07 AM
5	Climate Change.	3/20/2024 2:01 PM
6	I would like to see dead trees within 20 ft of public roads removed to mitigate the danger of road closings especially on roads that are the only way out for residents and also the danger of a tree landing on a car or person in high winds.	3/12/2024 10:05 AM
7	Bike paths and the railtrail are NOT a Historic or Cultura I Landmark.	2/25/2024 11:03 AM
8	Identify and encourage neighborhood / area groups to become active watchers & helpers for each other to develop plans, institute mitigation strategies, & to help each other when/if disaster strikes. In our neighborhood, for instance, most of our homes are on a group chat/text, & during extreme weather, we have been invited to one home with the best generator protection, if necessary. While we have a portable generator for short-term use, knowing our neighbor has a more robust system where we could escape to on foot helps ease my mind.	12/22/2023 9:49 AM
9	promote and instigate strategies for lifestyle changes to reduce climate change severity, including public or shared transportation, education about life habits that are better for the planet.	12/15/2023 5:34 PM
10	I don't think town funds should be used for private entities. Utilities and businesses can fund their own mitigation strategies. We we can offer support in different ways and encouragement - networking with funding/educational opportunities for residents perhaps (but not explicitly using town funds to fund these trainings or opportunities), tax incentives to businesses who engage w mitigation plans, etc....	12/3/2023 10:53 AM
11	Ensure we can feed our population for at least 3 days in the event that food cannot be brought in from outside sources. This is extremely important to me. We should be developing local food infrastructure as a hazard mitigation. Long supply chains were a severe problem during the COVID pandemic, and local food availability was key in keeping people calm by ensuring direct access to regular food needs.	12/1/2023 11:06 AM
12	Deny building permits in river corridors and wetlands. Enhance the public's health by encouraging walking, getting out of cars; Encourage preventive health measures like no smoking, masking and vaccinations to prevent the spread of disease. Encourage the safe use of guns (background checks, red flag laws, eliminate purchase of machine guns and ammunition.)	12/1/2023 11:01 AM



**Q4 Can you describe any notable severe weather event/storm, disaster, or other hazard incident you experienced in Warner over the last 5 years? If yes, please provide brief comments on up to two Events (one Event per question):For Event 1:**

Answered: 40 Skipped: 60

ANSWER CHOICES	RESPONSES
Event 1: What Event happened?	100.0% 40
Event 1: Where in Warner?	77.5% 31
Event 1: When (approx. Month/Year)?	85.0% 34
Event 1: How were you impacted?	77.5% 31

#	EVENT 1: WHAT EVENT HAPPENED?	DATE
1	catapillar attack off oak trees	6/29/2024 2:37 PM
2	Power outage	6/29/2024 12:15 PM
3	tornado, but not sure this was during the last 5 years, maybe earlier?	5/28/2024 10:36 AM
4	Tornados	5/27/2024 6:01 PM
5	Power outage, multi-day,	5/27/2024 3:26 PM
6	severe rains/ flooding	5/27/2024 2:33 PM
7	Covid pandemic	5/10/2024 7:59 AM
8	too much rain and big storms	4/15/2024 10:26 AM
9	lightening strike	3/12/2024 10:05 AM
10	Two severe rain events that ocured just after the reconstruction of Pumpkin Hill Rd. at the town line with Salsibury where the newly constructed road washed out, was rebuilt, and washed out again.	2/25/2024 11:03 AM
11	TOWN road maintenance flloods my garage- never before happened	2/19/2024 10:20 AM
12	Ice storms	2/11/2024 6:28 AM
13	The tornado	2/7/2024 7:55 PM
14	Mother's Day flood	2/1/2024 9:36 PM
15	extreme rain	1/17/2024 6:12 PM
16	Flooding	1/14/2024 4:29 PM
17	Flooding from rain	1/12/2024 10:03 PM
18	Unexpected flooding	1/11/2024 6:13 PM
19	Tornado/extreme high winds	1/11/2024 8:42 AM
20	Tornado	1/11/2024 7:00 AM
21	Brook flooded over road causing road closure and erosion	1/10/2024 10:06 PM
22	Washouts	1/10/2024 4:10 PM
23	tornado	1/3/2024 7:02 PM

24	Flooding	1/3/2024 3:07 PM
25	lengthy power outage	1/3/2024 1:51 PM
26	ice storm	12/29/2023 7:00 AM
27	Nope	12/28/2023 9:26 PM
28	Rain	12/24/2023 6:32 AM
29	Snow storm knocked out electrical power for about two days.	12/22/2023 6:56 PM
30	Severe drought in 2020	12/22/2023 9:49 AM
31	Snowstorms bringing down trees	12/19/2023 8:10 AM
32	heavy wet snowstorm	12/15/2023 5:34 PM
33	Tornado	12/14/2023 8:33 PM
34	F1 tornado	12/6/2023 2:57 PM
35	Tornado	12/3/2023 10:53 AM
36	power outage extended time	12/2/2023 2:58 PM
37	Drought	12/1/2023 11:06 AM
38	Wind, Heavy Rain resulting in flooding	12/1/2023 10:00 AM
39	None	12/1/2023 8:42 AM
40	Winter storm that took out trees	11/30/2023 9:18 PM
<b>#</b>	<b>EVENT 1: WHERE IN WARNER?</b>	<b>DATE</b>
1	Schoodac Road and other areas	6/29/2024 2:37 PM
2	Schoodac rd	6/29/2024 12:15 PM
3	Melvin Mills area	5/28/2024 10:36 AM
4	Bible Hill Road	5/27/2024 6:01 PM
5	Newmarket Rd	5/27/2024 3:26 PM
6	Everywhere	5/10/2024 7:59 AM
7	chandler forest across from my house	3/12/2024 10:05 AM
8	Couchtown	2/7/2024 7:55 PM
9	everywhere	1/17/2024 6:12 PM
10	Parade ground cemetery road	1/14/2024 4:29 PM
11	Toms Pond Lane	1/12/2024 10:03 PM
12	Schoodac Rd near Brown Rd	1/11/2024 6:13 PM
13	Waldron Hill	1/11/2024 8:42 AM
14	Through lands on Pumpkin Hill up through Couchtown Road	1/11/2024 7:00 AM
15	Red Chimney Rd	1/10/2024 10:06 PM
16	Quimby Road	1/10/2024 4:10 PM
17	melvin mills	1/3/2024 7:02 PM
18	Toms Pond	1/3/2024 3:07 PM
19	New market rd	1/3/2024 1:51 PM
20	all	12/29/2023 7:00 AM

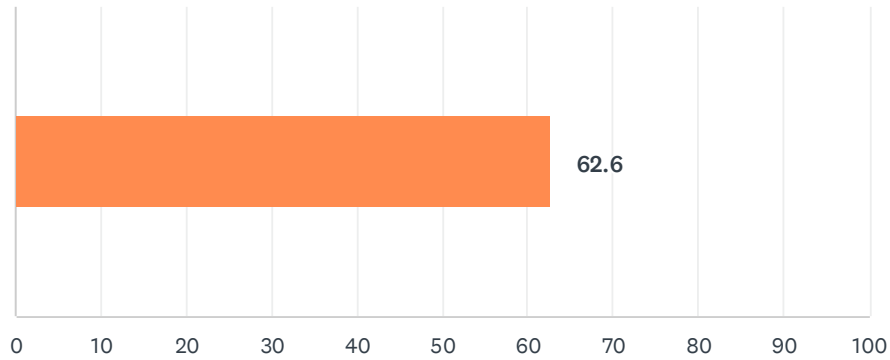
21	Waldron hill rd	12/24/2023 6:32 AM
22	Toms Pond Lane	12/22/2023 6:56 PM
23	everywhere, but on Willaby Colby Lane for us	12/22/2023 9:49 AM
24	Newmarket Rd	12/19/2023 8:10 AM
25	everywhere	12/15/2023 5:34 PM
26	Kearsarge mtn rd	12/14/2023 8:33 PM
27	Brown Rd., Mason Hill Rd., Schoodac Rd., etc.	12/6/2023 2:57 PM
28	Couchtown rd	12/3/2023 10:53 AM
29	everywhere	12/1/2023 11:06 AM
30	town wide	12/1/2023 10:00 AM
31	Newmarket Road	11/30/2023 9:18 PM
#	EVENT 1: WHEN (APPROX. MONTH/YEAR)?	DATE
1	summer of 2022 ?	6/29/2024 2:37 PM
2	3/2024	6/29/2024 12:15 PM
3	2018?	5/28/2024 10:36 AM
4	June 2017 or 2018	5/27/2024 6:01 PM
5	March, 2024	5/27/2024 3:26 PM
6	January 2024	5/27/2024 2:33 PM
7	2020-2022	5/10/2024 7:59 AM
8	dont rem,mber	4/15/2024 10:26 AM
9	July of 21 or 22	3/12/2024 10:05 AM
10	The recurring washouts on Old Pumpkin Hill Rd.	2/25/2024 11:03 AM
11	May	2/7/2024 7:55 PM
12	2016	2/1/2024 9:36 PM
13	summer and fall 2023	1/17/2024 6:12 PM
14	July?	1/14/2024 4:29 PM
15	July	1/12/2024 10:03 PM
16	July 16, 2023	1/11/2024 6:13 PM
17	Summer 2018	1/11/2024 8:42 AM
18	May 2018	1/11/2024 7:00 AM
19	Summer 2023	1/10/2024 10:06 PM
20	Every time there's heavy rain	1/10/2024 4:10 PM
21	may 2018	1/3/2024 7:02 PM
22	July 2023	1/3/2024 3:07 PM
23	unsure	1/3/2024 1:51 PM
24	2008	12/29/2023 7:00 AM
25	December 2023	12/24/2023 6:32 AM
26	November, 2023...possibly.	12/22/2023 6:56 PM

27	May, June, July	12/22/2023 9:49 AM
28	Multiple years	12/19/2023 8:10 AM
29	february or March 2023	12/15/2023 5:34 PM
30	06/2017	12/6/2023 2:57 PM
31	May 2018?	12/3/2023 10:53 AM
32	Summer 2020	12/1/2023 11:06 AM
33	July 2023	12/1/2023 10:00 AM
34	Last winter	11/30/2023 9:18 PM
#	EVENT 1: HOW WERE YOU IMPACTED?	DATE
1	killed oaks on our property; 3 threaten our house cost \$9000 to remove	6/29/2024 2:37 PM
2	48 hours without power	6/29/2024 12:15 PM
3	trees down on all roads and unable to drive out of the area until tree and electrical wires removed, also lost power	5/28/2024 10:36 AM
4	(5) large pine trees blown over or snapped! Lost power for a few days and trees remain blown over or snapped.	5/27/2024 6:01 PM
5	Lost power for 30 hours	5/27/2024 3:26 PM
6	Isolation, difficulty obtaining products, services	5/10/2024 7:59 AM
7	power surge took out my internet and fried a charger in my garage	3/12/2024 10:05 AM
8	Trees down power loss	2/7/2024 7:55 PM
9	Loss of power a week	2/1/2024 9:36 PM
10	washed out gravel roads and paddocks flooded	1/17/2024 6:12 PM
11	Road wash out	1/14/2024 4:29 PM
12	Street and property flooding	1/12/2024 10:03 PM
13	Water flowing through yard, driveway erosion, water in basement	1/11/2024 6:13 PM
14	High tunnel greenhouse destroyed	1/11/2024 8:42 AM
15	Pine tree was uprooted in backyard by the brook	1/11/2024 7:00 AM
16	Water damage in basement; change in commute to work; erosion along yard	1/10/2024 10:06 PM
17	Have to rebuild driveway and parking areas regularly	1/10/2024 4:10 PM
18	roads were blocked. i was out of town, so waited until road was cleared.	1/3/2024 7:02 PM
19	Limited access to my property. Leach field flooded	1/3/2024 3:07 PM
20	yes	1/3/2024 1:51 PM
21	really was not, resourceful northern new englander	12/29/2023 7:00 AM
22	Dirt rocks debris in my parking area	12/24/2023 6:32 AM
23	No electricity, no heat, no plumbing, no water, no water for washing, no toilets. This event made it hard to care for an elderly man in our family.	12/22/2023 6:56 PM
24	We were trying to install wildflower fields on newly landscaped acreage after construction	12/22/2023 9:49 AM
25	Unable to get to town	12/19/2023 8:10 AM
26	trees and power lines down across road in both directions	12/15/2023 5:34 PM
27	road closures, power outages	12/6/2023 2:57 PM
28	Trees over the yard building damage	12/3/2023 10:53 AM

29	pond dried up, weren't able to irrigate crops, brooks went dry, no fish, town water use limits	12/1/2023 11:06 AM
30	cutoff from town due to road closures	12/1/2023 10:00 AM
31	Loss of power, road closures	11/30/2023 9:18 PM

## Q5 How severe would you rate Event 1 on a scale of 0 to 100?

Answered: 38 Skipped: 62



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	63	2,379	38
Total Respondents: 38			

#		DATE
1	75	6/29/2024 2:37 PM
2	50	6/29/2024 12:15 PM
3	100	5/28/2024 10:36 AM
4	85	5/27/2024 6:01 PM
5	50	5/27/2024 3:26 PM
6	99	5/27/2024 2:33 PM
7	65	5/10/2024 7:59 AM
8	81	4/15/2024 10:26 AM
9	59	3/12/2024 10:05 AM
10	78	2/25/2024 11:03 AM
11	89	2/19/2024 10:20 AM
12	84	2/11/2024 6:28 AM
13	75	2/7/2024 7:55 PM
14	83	2/1/2024 9:36 PM
15	50	1/17/2024 6:12 PM
16	50	1/14/2024 4:29 PM
17	69	1/12/2024 10:03 PM
18	63	1/11/2024 6:13 PM
19	69	1/11/2024 8:42 AM
20	51	1/11/2024 7:00 AM

21	50	1/10/2024 10:06 PM
22	77	1/10/2024 4:10 PM
23	50	1/3/2024 7:02 PM
24	45	1/3/2024 3:07 PM
25	40	1/3/2024 1:51 PM
26	27	12/29/2023 7:00 AM
27	58	12/24/2023 6:32 AM
28	48	12/22/2023 6:56 PM
29	70	12/22/2023 9:49 AM
30	50	12/19/2023 8:10 AM
31	58	12/15/2023 5:34 PM
32	53	12/14/2023 8:33 PM
33	100	12/3/2023 10:53 AM
34	40	12/2/2023 2:58 PM
35	67	12/1/2023 11:06 AM
36	55	12/1/2023 10:00 AM
37	0	12/1/2023 8:42 AM
38	66	11/30/2023 9:18 PM

**Q6 Can you describe any notable severe weather event/storm, disaster, or other hazard incident you experienced in Warner over the last 5 years? If yes, please provide brief comments on up to two Events (one Event per question):For Event 2:**

Answered: 17 Skipped: 83

ANSWER CHOICES	RESPONSES
Event 2: What Event happened?	100.0% 17
Event 2: Where in Warner?	76.5% 13
Event 2: When (approx. Month/Year)?	76.5% 13
Event 2: How were you impacted?	76.5% 13

#	EVENT 2: WHAT EVENT HAPPENED?	DATE
1	wet snow storms	6/29/2024 2:37 PM
2	Tornados mentioed abovev!	5/27/2024 6:01 PM
3	Sparking utility line as a result of a tree falling on power lines	5/27/2024 3:26 PM
4	Drought	5/10/2024 7:59 AM
5	Blizzard	3/12/2024 10:05 AM
6	See above.	2/25/2024 11:03 AM
7	Covid 19 outbreak	1/14/2024 4:29 PM
8	Flooding from rain	1/12/2024 10:03 PM
9	Flooding	1/3/2024 3:07 PM
10	trees down	1/3/2024 1:51 PM
11	Nope	12/28/2023 9:26 PM
12	Too much rain	12/22/2023 9:49 AM
13	lightning strikes	12/15/2023 5:34 PM
14	COVID pandemic	12/6/2023 2:57 PM
15	Ice storm	12/3/2023 10:53 AM
16	heavy/wet snowstorm	12/1/2023 11:06 AM
17	None	12/1/2023 8:42 AM

#	EVENT 2: WHERE IN WARNER?	DATE
1	28 Bible Hill Road	5/27/2024 6:01 PM
2	near the corner of Newmarket Rd. and Retreat Rd.	5/27/2024 3:26 PM
3	Everywhere	5/10/2024 7:59 AM
4	everywhere	3/12/2024 10:05 AM
5	everywhere	1/14/2024 4:29 PM
6	Toms Pond Lane	1/12/2024 10:03 PM



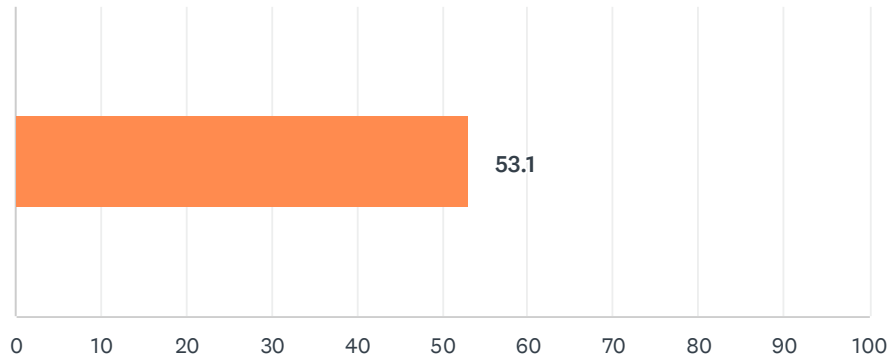
7	Toms Pond	1/3/2024 3:07 PM
8	new market rd	1/3/2024 1:51 PM
9	Willaby Colby Lane	12/22/2023 9:49 AM
10	Newmarket road AND Main Street business district	12/15/2023 5:34 PM
11	Town/World-wide	12/6/2023 2:57 PM
12	Kearsarge MT Rd	12/3/2023 10:53 AM
13	everywhere	12/1/2023 11:06 AM

#	EVENT 2: WHEN (APPROX. MONTH/YEAR)?	DATE
1	late winter 2024	6/29/2024 2:37 PM
2	Fall, 2023	5/27/2024 3:26 PM
3	2018,2019, 2020	5/10/2024 7:59 AM
4	Jan 23	3/12/2024 10:05 AM
5	2020	1/14/2024 4:29 PM
6	June	1/12/2024 10:03 PM
7	July 2021	1/3/2024 3:07 PM
8	unsure	1/3/2024 1:51 PM
9	spring 2023 & again this week--December 2023	12/22/2023 9:49 AM
10	July 2022	12/15/2023 5:34 PM
11	2020-2021, etc.	12/6/2023 2:57 PM
12	2009?	12/3/2023 10:53 AM
13	maybe winter 20 or 21	12/1/2023 11:06 AM

#	EVENT 2: HOW WERE YOU IMPACTED?	DATE
1	lost power took down trees on property & house	6/29/2024 2:37 PM
2	I called the police department and was unable to pass until the problem was resolved	5/27/2024 3:26 PM
3	Reduced water use	5/10/2024 7:59 AM
4	roads were impassable, power was on and off	3/12/2024 10:05 AM
5	Not significantly but it did reveal the fragility of our supply chain and food system.	1/14/2024 4:29 PM
6	Road and property flooding	1/12/2024 10:03 PM
7	Flooded leach field. Limited access to property	1/3/2024 3:07 PM
8	trees down on both ends of the roadway.	1/3/2024 1:51 PM
9	The road washed out on the sides, making parts of it one-lane (or one and a half lanes)	12/22/2023 9:49 AM
10	LED lights burned out, and on MAIn Street, electronic equipment connected to telecommunications lines had to be replaced (routers, alarm dialers, alarm panels),	12/15/2023 5:34 PM
11	adapted to updated health and safety norms	12/6/2023 2:57 PM
12	Days	12/3/2023 10:53 AM
13	I was not impacted, but many friends had to shovel their roofs through the night to make sure the roofs didn't collapse under the weight of the snow	12/1/2023 11:06 AM

## Q7 How severe would you rate Event 2 on a scale of 0 to 100?

Answered: 14 Skipped: 86

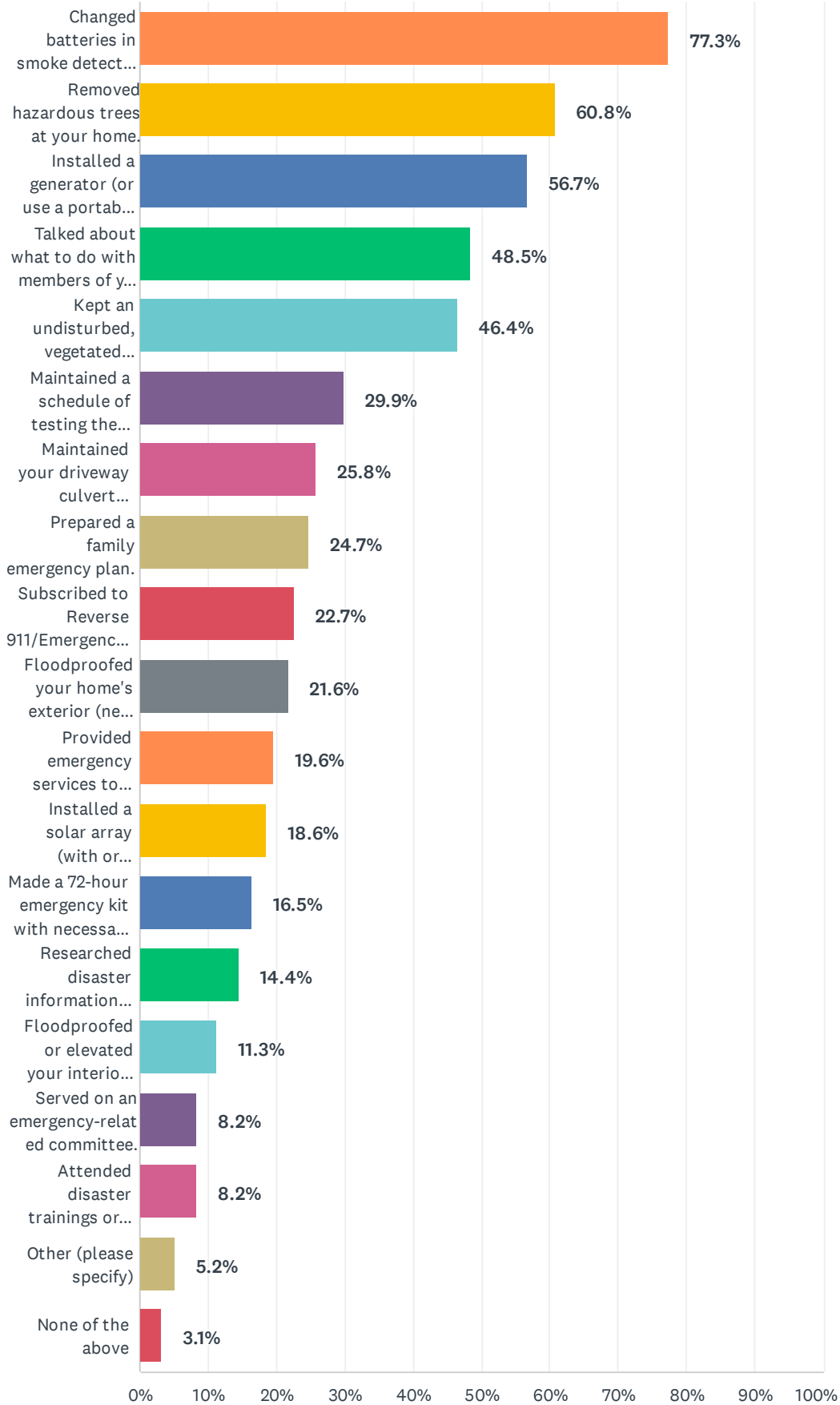


ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	53	743	14
Total Respondents: 14			

#		DATE
1	40	6/29/2024 2:37 PM
2	60	5/27/2024 3:26 PM
3	50	5/10/2024 7:59 AM
4	72	3/12/2024 10:05 AM
5	75	1/14/2024 4:29 PM
6	53	1/12/2024 10:03 PM
7	40	1/3/2024 3:07 PM
8	60	1/3/2024 1:51 PM
9	70	12/22/2023 9:49 AM
10	73	12/15/2023 5:34 PM
11	0	12/15/2023 3:12 PM
12	100	12/3/2023 10:53 AM
13	50	12/1/2023 11:06 AM
14	0	12/1/2023 8:42 AM

**Q8 In your household, has anyone completed any of the following preparedness or mitigation activities over the last 5 years? Check all that apply.**

Answered: 97 Skipped: 3

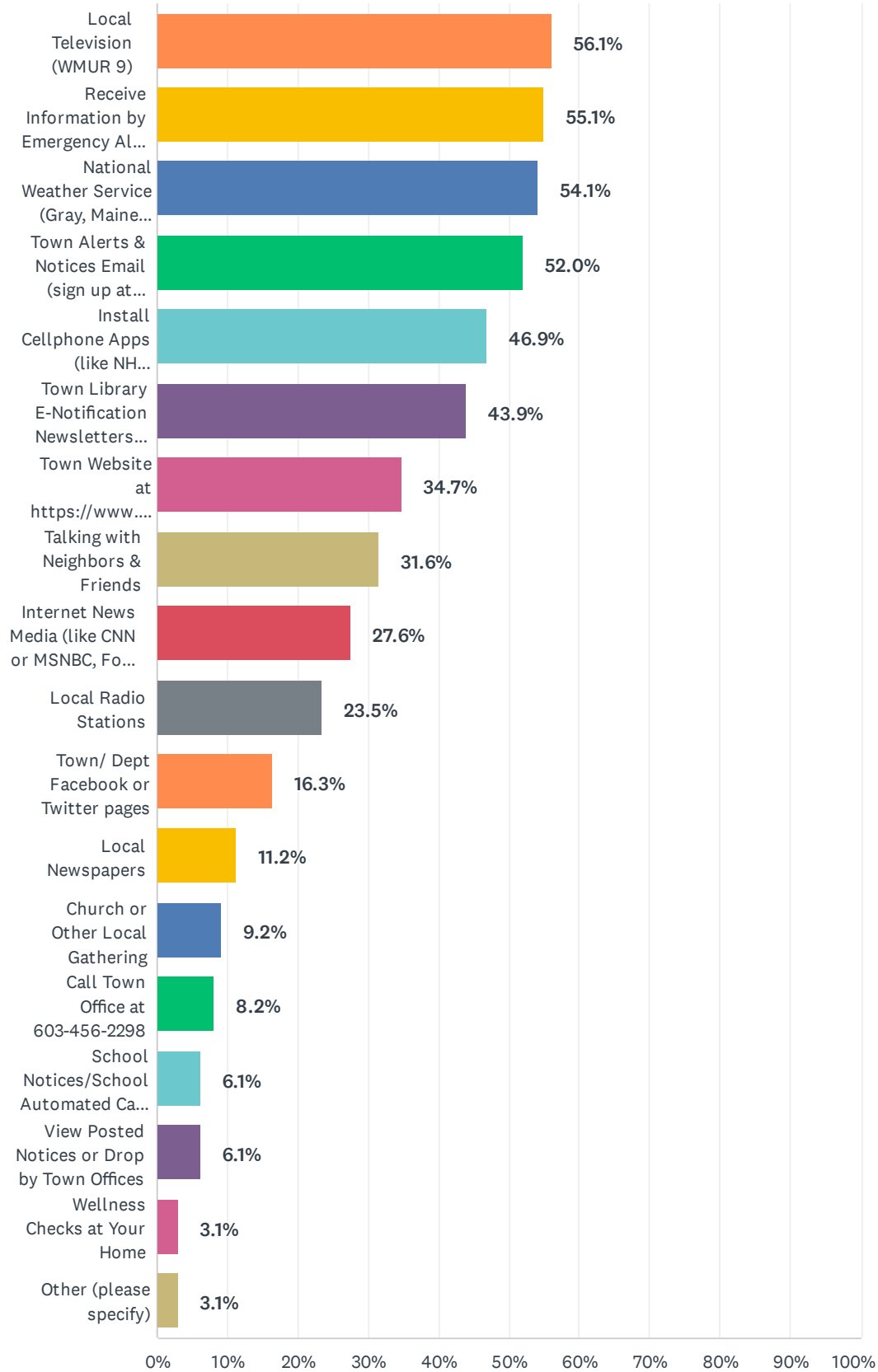


ANSWER CHOICES	RESPONSES
Changed batteries in smoke detectors & carbon monoxide detectors (November/March during clock change).	77.3% 75
Removed hazardous trees at your home.	60.8% 59
Installed a generator (or use a portable generator) or secondary heating source (wood stove, propane, etc) in case of utility outages and maintained the generator annually.	56.7% 55
Talked about what to do with members of your household in case of severe weather emergency or natural disaster.	48.5% 47
Kept an undisturbed, vegetated buffer on your property along ponds, streambanks, riverbanks and wetlands.	46.4% 45
Maintained a schedule of testing the secondary electricity or heating sources or smoke & carbon monoxide detectors.	29.9% 29
Maintained your driveway culvert annually.	25.8% 25
Prepared a family emergency plan.	24.7% 24
Subscribed to Reverse 911/Emergency Alert Services or Special/Functional Needs Identification Services.	22.7% 22
Floodproofed your home's exterior (new drainage, home elevation, etc).	21.6% 21
Provided emergency services to others in Warner.	19.6% 19
Installed a solar array (with or without battery).	18.6% 18
Made a 72-hour emergency kit with necessary supplies. See <a href="https://www.readynh.gov/emergency-kits">https://www.readynh.gov/emergency-kits</a>	16.5% 16
Researched disaster information online or obtained brochures on disaster public education.	14.4% 14
Floodproofed or elevated your interior home systems (furnace, electrical equipment, etc).	11.3% 11
Served on an emergency-related committee.	8.2% 8
Attended disaster trainings or workshops.	8.2% 8
Other (please specify)	5.2% 5
None of the above	3.1% 3
Total Respondents: 97	

#	OTHER (PLEASE SPECIFY)	DATE
1	emergency generator and flood proof basement more than 5 years ago Will be removing more damaged trees this year.	6/29/2024 2:37 PM
2	As Northern new englanders, most of us have prepared for many of the above boxes for much longer than 5 years	4/26/2024 6:07 AM
3	Never had road drainage problem until recent town road maintenance ; now my yard and garage flood	2/19/2024 10:20 AM
4	Keep a battery bank charged, like the kind used with off-grid solar arrays .	12/13/2023 3:37 PM
5	We have been safe and happy living in our village home high above brooks that flood and culverts that fail. Our only complaint is people that drive too fast and risk everyone's safety.	12/1/2023 11:01 AM

**Q9 What are the best ways for you to receive essential information about storms, disasters and severe weather events in Warner? Please check your TOP 5:**

Answered: 98 Skipped: 2



ANSWER CHOICES	RESPONSES
Local Television (WMUR 9)	56.1% 55
Receive Information by Emergency Alert System or Reverse 911	55.1% 54
National Weather Service (Gray, Maine) <a href="https://www.weather.gov/gyx/">https://www.weather.gov/gyx/</a>	54.1% 53
Town Alerts & Notices Email (sign up at <a href="https://warner.nh.us/keep-in-touch/">https://warner.nh.us/keep-in-touch/</a> )	52.0% 51
Install Cellphone Apps (like NH Alerts)	46.9% 46
Town Library E-Notification Newsletters (sign up on Library website)	43.9% 43
Town Website at <a href="https://www.WarnerNH.gov">https://www.WarnerNH.gov</a>	34.7% 34
Talking with Neighbors & Friends	31.6% 31
Internet News Media (like CNN or MSNBC, Fox etc)	27.6% 27
Local Radio Stations	23.5% 23
Town/ Dept Facebook or Twitter pages	16.3% 16
Local Newspapers	11.2% 11
Church or Other Local Gathering	9.2% 9
Call Town Office at 603-456-2298	8.2% 8
School Notices/School Automated Calls & Texts	6.1% 6
View Posted Notices or Drop by Town Offices	6.1% 6
Wellness Checks at Your Home	3.1% 3
Other (please specify)	3.1% 3
Total Respondents: 98	

#	OTHER (PLEASE SPECIFY)	DATE
1	Cell phone weather app	3/12/2024 10:05 AM
2	In the ice storm of 2008 it was very difficult to get information with updates to those of us without power, heat, phone, internet. Not sure what the answer is but it was very unsettling. Some of us in Melvin Mills felt forgotten.	1/3/2024 7:02 PM
3	Warner Facebook group (if cell connection or wifi is available)	12/15/2023 5:34 PM



## Q10 Please feel free to provide any other concerns or information related to severe weather, disasters, and hazard mitigation in Warner in the space below.

Answered: 14 Skipped: 86

#	RESPONSES	DATE
1	severe storms, rain & snow are going to worse because of global warming	6/29/2024 2:37 PM
2	I worry about the trees that have fallen into the river running down stream to a bridge, and creating a dam that takes out the bridge. This happened in Charlestown years ago.... entire trees washed down stream. We have many trees in the river already, never mind those that will come down with an extreme storm event.	5/27/2024 6:01 PM
3	I think we as a town should be working to reduce further housing development and suburban sprawl into the more natural, wooded, areas of Warner. Sprawl means more asphalt, more issues of runoff into our waterways; more of a need for bridges and culverts, increasing taxes and funding; more of a chance for devastating erosion events like landslides; more of a challenge for emergency services (like first responders and ambulances) to reach far-flung residents; more of a chance of telephone poles falling and trees falling on utility lines, leading to disruptions to electricity, phone, and internet; longer power outages and an increased need for out-of state and Canadian power company workers to come to our rescue; and increased negative impacts on the environment and sensitive ecosystems. Instead, new development in town should be more limited to the downtown area that already has the infrastructure in place to accommodate residents. Perhaps this means some changes to zoning laws.	5/27/2024 3:26 PM
4	New construction along sites vulnerable to flooding should not be permitted. Zoning regs should be changed to reflect potential future hazards.	5/27/2024 2:35 PM
5	Evacuation of KMR in the case lower KMR is blocked	2/11/2024 8:40 AM
6	Thank you Ed for the good work you do on hazard mitigation.	2/7/2024 9:31 AM
7	New Hampshire has a history of more seismic activity than the public seems aware of. The historically strong earthquakes form a line that runs north from Concord to Winnepesaukee, so Warner should expect strong shaking in the event of an earthquake there. Chimneys in our antique house were destroyed by one of the earthquakes a century ago. Yet we found that we cannot purchase earthquake insurance.	1/17/2024 6:12 PM
8	Wild fire preparation for land and property owners is going to be increasingly important. While this last summer was very wet our forests are stocked with fuel. Haven't had a fire in a long time around here so when it does go up it may be significant.	1/14/2024 4:29 PM
9	I feel we need more tree maintenance on power lines. We continue to have numerous power outages during heavy wind rain events due to tree/tree limbs on wires.	1/12/2024 10:03 PM
10	This latest deluge of rain (earlier this week/mid-December 2023) while the ground was frozen quickly led to the excess water carving ruts in the road and at the edge of our property and the lot next to us. Afterwards, the town road was extremely fast in fixing our road (they are incredible!). However, I wondered if it might actually be time to work with the town road crew to carve nice, deep, planned water culverts that could work to divert water intentionally. Thank you!	12/22/2023 9:49 AM
11	Large propane truck(s) often parked near the corner of Couchtown road and Schoodac road.	12/17/2023 10:45 AM
12	More concerned about tax increases than any of this information. My property tax bill has doubled in the last 10 years.	12/11/2023 11:47 AM
13	Stop raising taxes	12/11/2023 11:44 AM
14	I hope that part of these plans includes strengthening and protecting local farms and short supply chains. Market Basket will not feed our town in an emergency. Thank you for your work	12/1/2023 11:06 AM

on this plan to help our town as these events become more frequent and intense.

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