



APPENDIX D. PUBLIC AND STAKEHOLDER OUTREACH

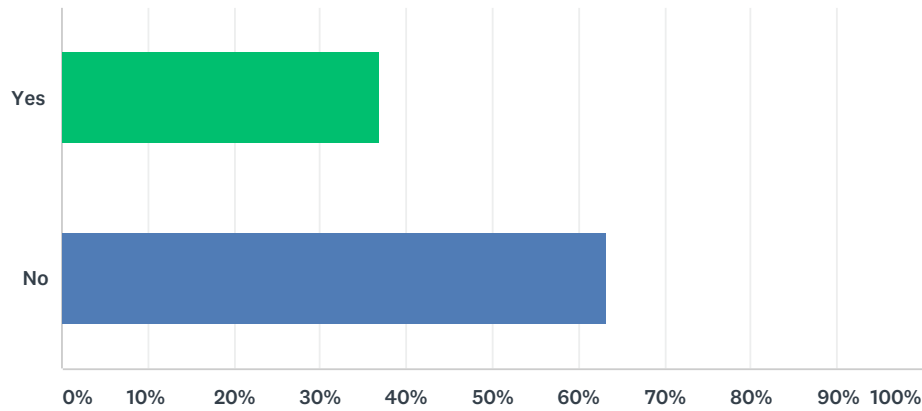
This appendix provides documentation of public and stakeholder outreach. Stakeholder involvement in this planning process was broad and productive as discussed and further documented in Section 3 (Planning Process). Public and stakeholder input has been incorporated throughout this HMP as appropriate, as identified in Section 3 and the References section, as well as within specific mitigation initiatives identified within the jurisdictional annexes (Section 9). Respondent feedback filtered by jurisdiction is included in each jurisdictional annex as available to provide an indication of community resident concerns related to natural hazards.

D.1 Onondaga County Citizen Survey Results

This section contains information and results gathered from the Onondaga County Citizen Survey. The main objective of this survey was to gather information from citizens regarding their level of knowledge regarding hazard vulnerability and knowledge of hazard mitigation information for their local communities. 117 respondents completed this survey over a period of six months during the planning process. The survey was available on the Syracuse-Onondaga County Planning Agency website in August 2018. Respondents primarily consisted of individuals who have lived in Onondaga County for 20 years or more, live in a single-family home, and are older than 50 years old. Survey respondents indicated that severe winter storm, ice storm, and Nor'Easter are the hazards of greatest concern. Mitigation projects identified by survey respondents to reduce the effects of hazards include: green infrastructure, infrastructure/utility improvements, adoption of a sustainable development plan, and vegetation management programs. The survey results are listed below, with personal information redacted.

Q1 During the past five years, have you or someone in your household directly experienced a natural disaster such as a severe windstorm, flood, wildfire, or other type of disaster?

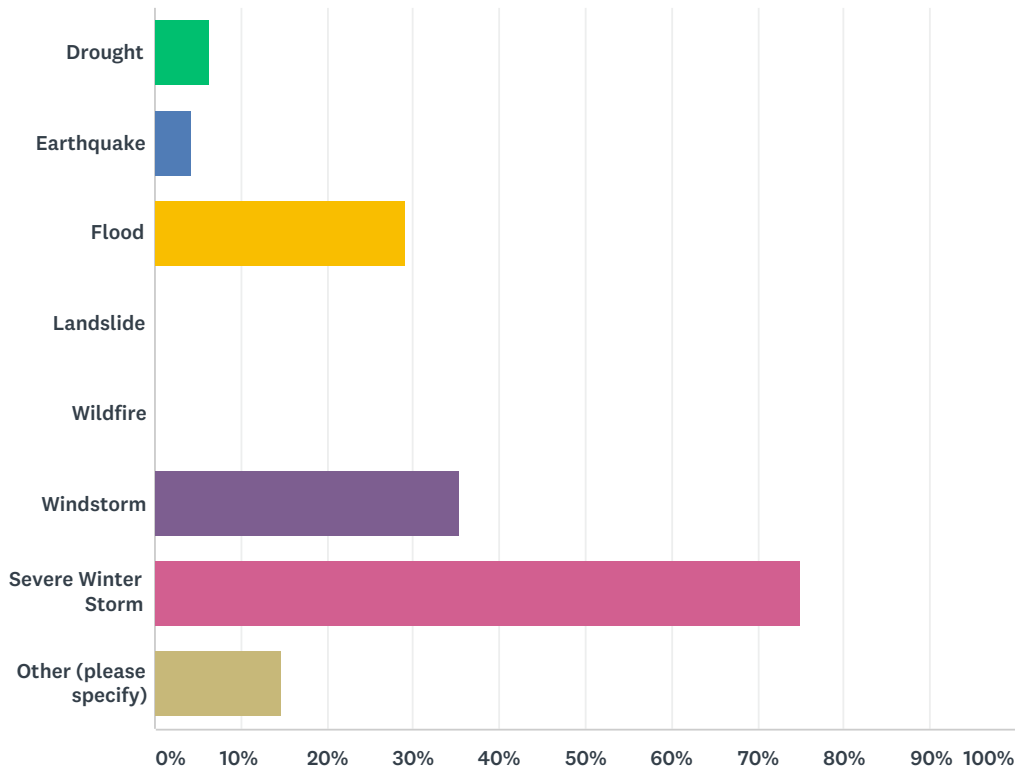
Answered: 117 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	36.75%	43
No	63.25%	74
TOTAL		117

Q2 If you answered yes to the question above, which of the natural disasters have you or someone in your household experienced in the past five years? Check all that apply.

Answered: 48 Skipped: 71



ANSWER CHOICES	RESPONSES	
Drought	6.25%	3
Earthquake	4.17%	2
Flood	29.17%	14
Landslide	0.00%	0
Wildfire	0.00%	0
Windstorm	35.42%	17
Severe Winter Storm	75.00%	36
Other (please specify)	14.58%	7
Total Respondents: 48		

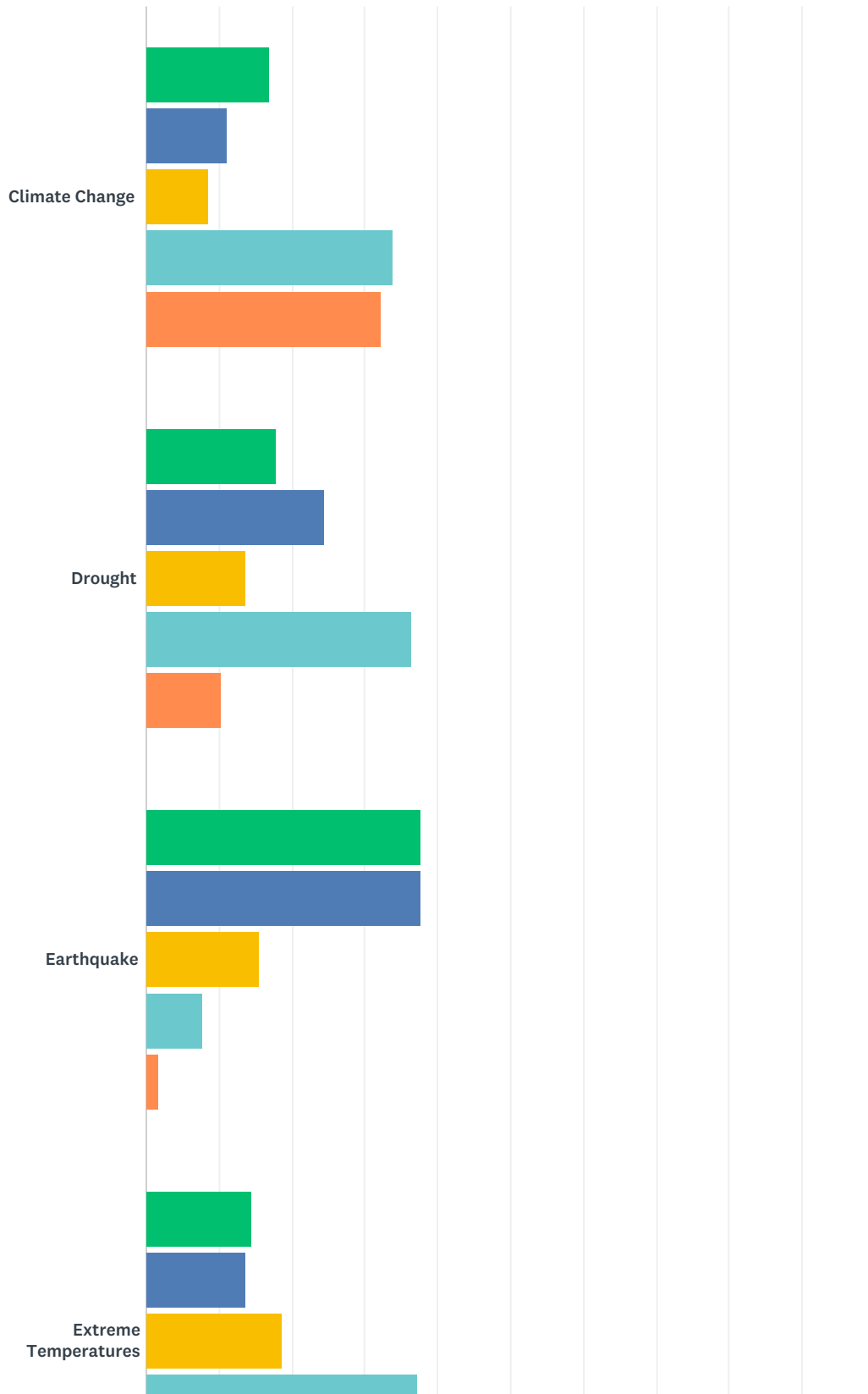
#	OTHER (PLEASE SPECIFY)	DATE
1	Hurricane	11/19/2018 2:04 PM
2	tree damage from storms	11/4/2018 1:42 PM
3	Selling of land under foundation	10/8/2018 4:10 PM
4	damaging hail - roof and vehicle	10/8/2018 1:06 PM

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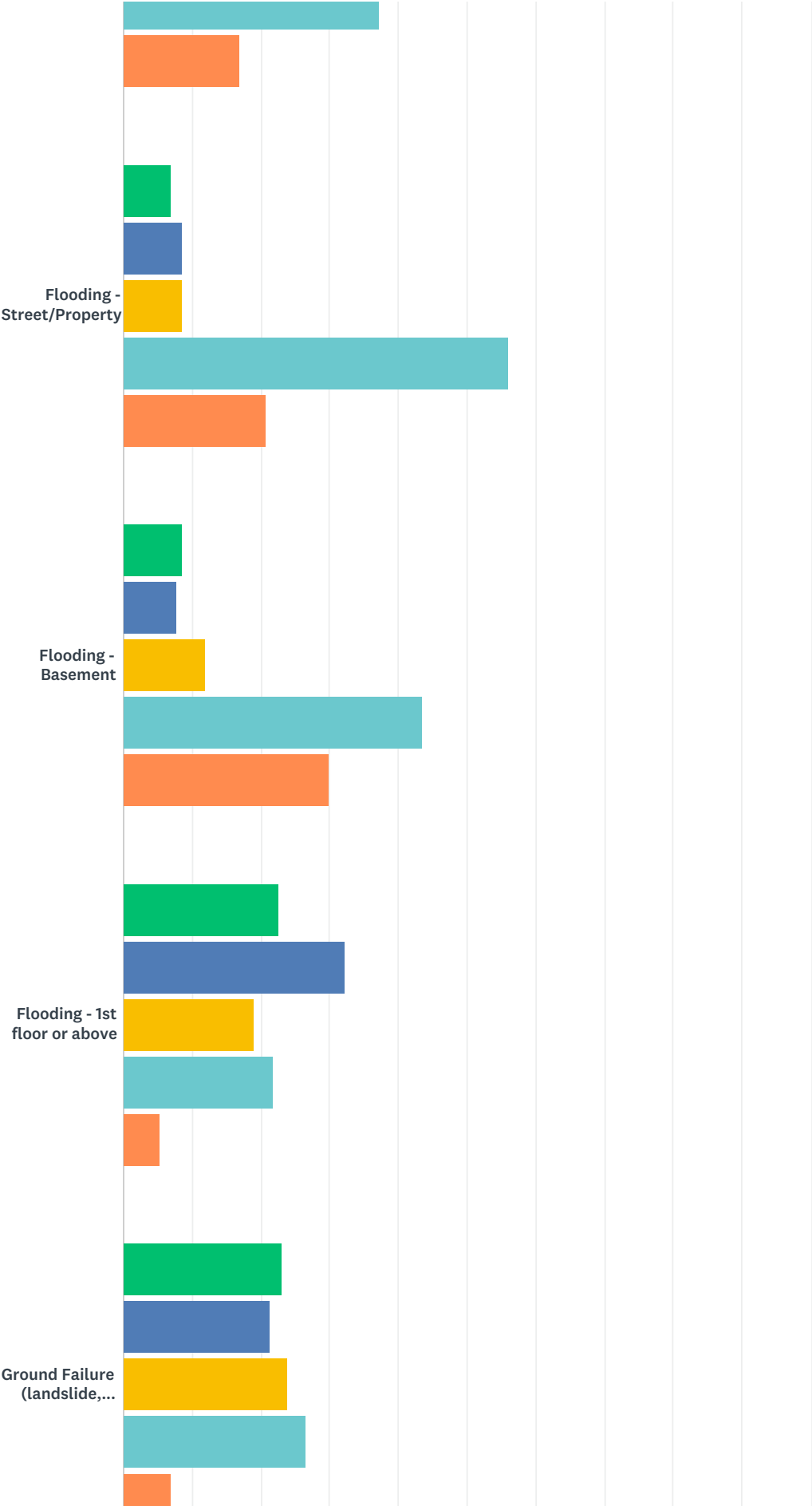
5	hurricane	10/8/2018 11:52 AM
6	Ice storm in Jefferson County	9/25/2018 9:52 PM
7	None	9/14/2018 3:12 PM

Q3 How concerned are you about the following natural disasters affecting Onondaga County? Check the corresponding box for each hazard.

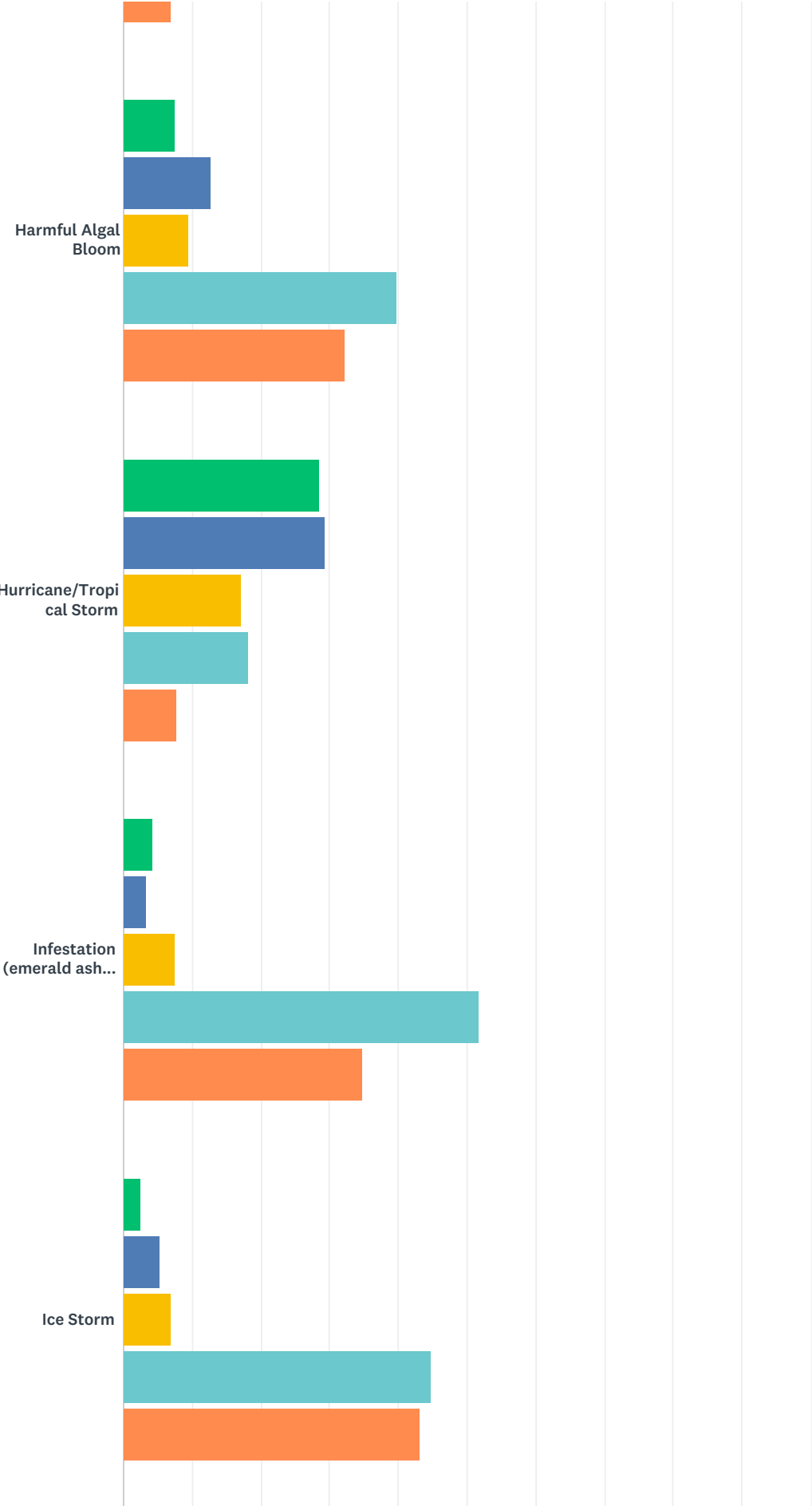
Answered: 118 Skipped: 1



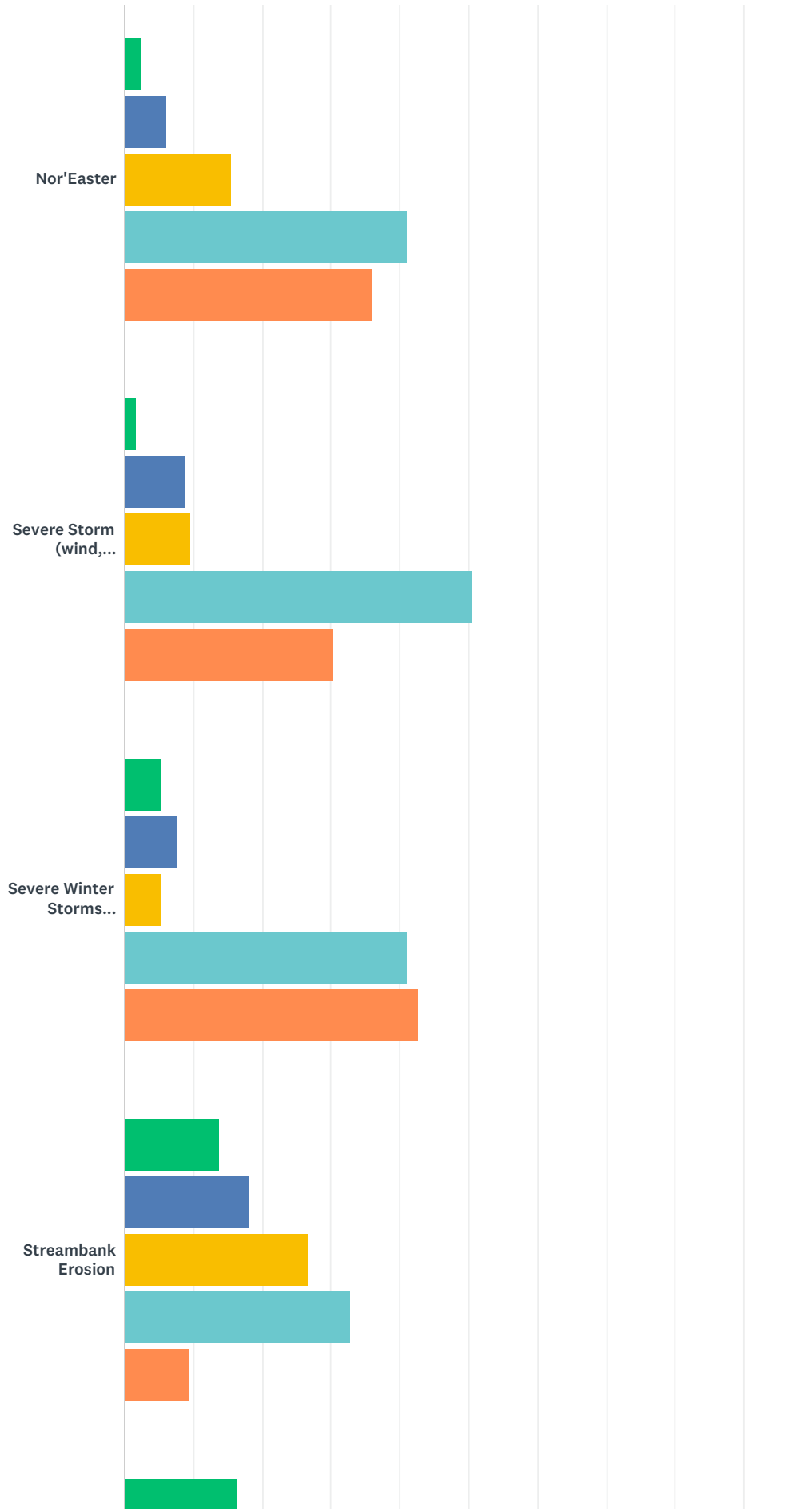
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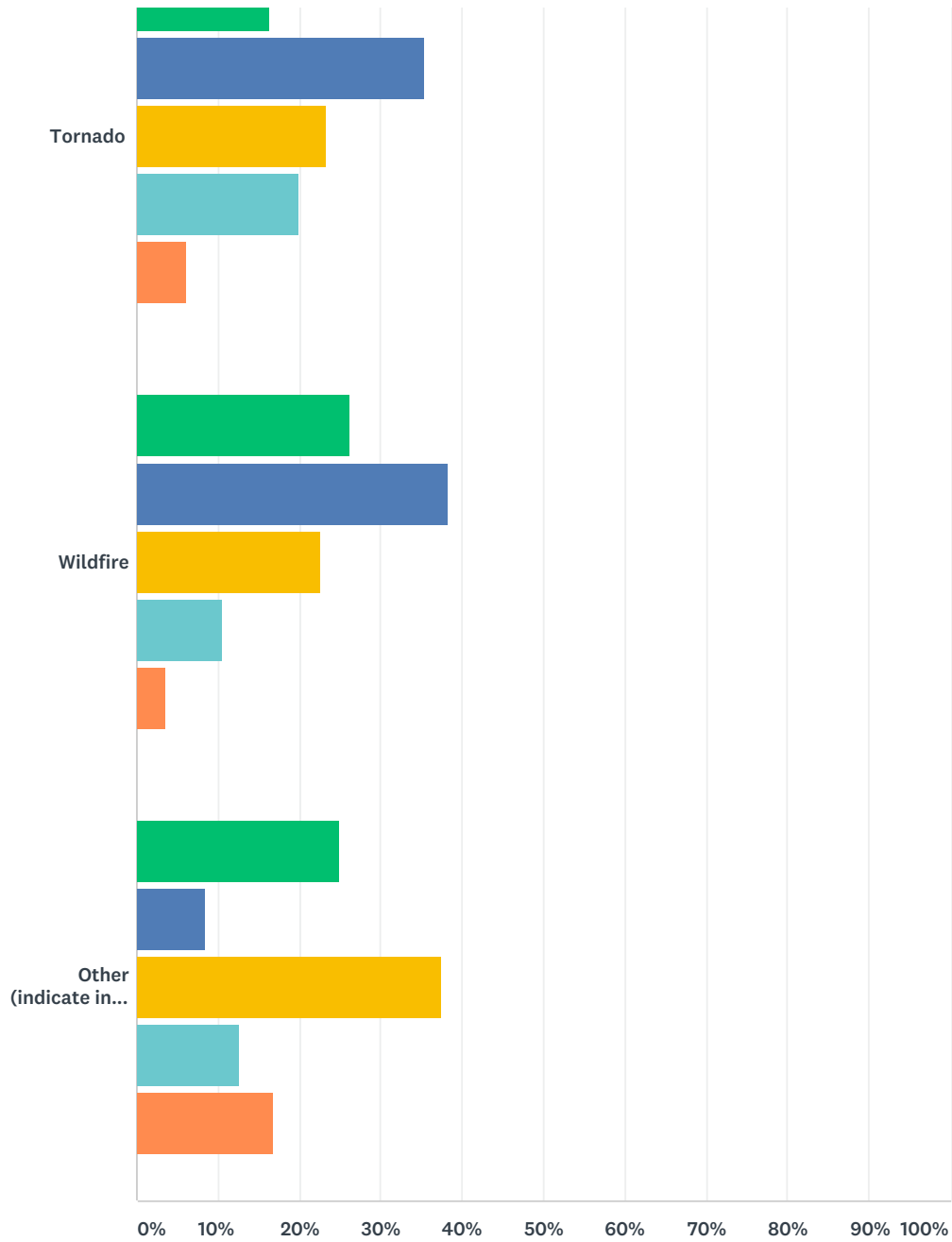
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Onondaga County Hazard Mitigation Plan Update - Citizen Survey



Onondaga County Hazard Mitigation Plan Update - Citizen Survey



■ Not Concerned
 ■ Not Very Concerned
 ■ Neutral
■ Somewhat Concerned
 ■ Very Concerned

	NOT CONCERNED	NOT VERY CONCERNED	NEUTRAL	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL RESPONDENTS
Climate Change	16.95% 20	11.02% 13	8.47% 10	33.90% 40	32.20% 38	118
Drought	17.80% 21	24.58% 29	13.56% 16	36.44% 43	10.17% 12	118
Earthquake	37.61% 44	37.61% 44	15.38% 18	7.69% 9	1.71% 2	117
Extreme Temperatures	14.41% 17	13.56% 16	18.64% 22	37.29% 44	16.95% 20	118

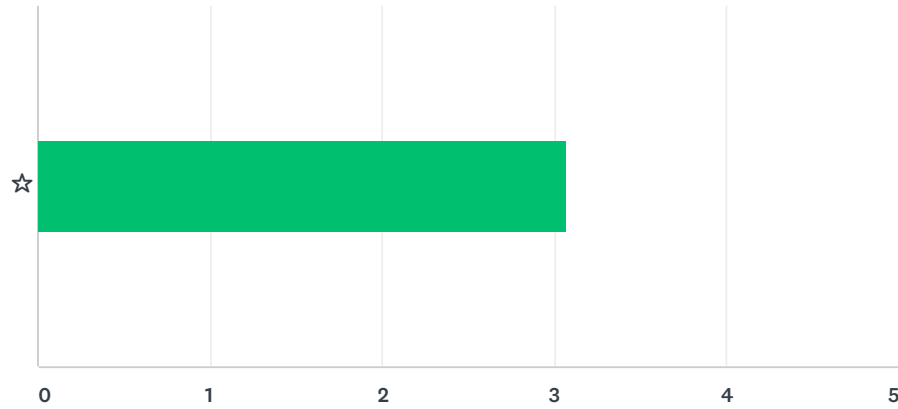
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Flooding - Street/Property	6.90% 8	8.62% 10	8.62% 10	56.03% 65	20.69% 24	116
Flooding - Basement	8.55% 10	7.69% 9	11.97% 14	43.59% 51	29.91% 35	117
Flooding - 1st floor or above	22.61% 26	32.17% 37	19.13% 22	21.74% 25	5.22% 6	115
Ground Failure (landslide, sinkholes)	23.08% 27	21.37% 25	23.93% 28	26.50% 31	6.84% 8	117
Harmful Algal Bloom	7.63% 9	12.71% 15	9.32% 11	39.83% 47	32.20% 38	118
Hurricane/Tropical Storm	28.45% 33	29.31% 34	17.24% 20	18.10% 21	7.76% 9	116
Infestation (emerald ash borer, hemlock wooly adelgid, ticks)	4.24% 5	3.39% 4	7.63% 9	51.69% 61	34.75% 41	118
Ice Storm	2.59% 3	5.17% 6	6.90% 8	44.83% 52	43.10% 50	116
Nor'Easter	2.56% 3	5.98% 7	15.38% 18	41.03% 48	35.90% 42	117
Severe Storm (wind, lightning, hail)	1.74% 2	8.70% 10	9.57% 11	50.43% 58	30.43% 35	115
Severe Winter Storms (blizzard, heavy snow, ice)	5.13% 6	7.69% 9	5.13% 6	41.03% 48	42.74% 50	117
Streambank Erosion	13.79% 16	18.10% 21	26.72% 31	32.76% 38	9.48% 11	116
Tornado	16.38% 19	35.34% 41	23.28% 27	19.83% 23	6.03% 7	116
Wildfire	26.09% 30	38.26% 44	22.61% 26	10.43% 12	3.48% 4	115
Other (indicate in comment box below)	25.00% 6	8.33% 2	37.50% 9	12.50% 3	16.67% 4	24

#	OTHER (PLEASE SPECIFY)	DATE
1	Volcanic Eruption of the Yellowstone Caldera	12/13/2018 12:18 PM
2	property owners failure to perform preventative maintaince of trees and other vegation	11/4/2018 1:42 PM
3	My back yard floods all the time and so do alot of other back yards. I am concerned that I can only use my back yard for a literal pool and also concerned that the water is affecting the foundation of my home	10/26/2018 10:34 AM
4	Failure of nuclear reactor in Oswego	10/23/2018 2:03 PM
5	terrorist attack on public utilities, water distribution	10/5/2018 11:37 AM
6	WINTER COMMUTE TO AND FROM JOBS	10/5/2018 11:17 AM
7	Bridge failure	9/26/2018 6:56 AM
8	Power failure	9/25/2018 9:13 PM
9	GOP let systematic destruction of our environment	9/25/2018 4:00 PM
10	Brown Marmorated stink bugs are becoming a pervasive nuisance 10 out of 12 months/year	9/17/2018 3:00 PM
11	civil disorder, rioting, gang activity	9/14/2018 3:10 PM

Q4 Please rank how prepared you feel and your household are for natural disaster events likely to occur within your community. Rank on a scale of 1 to 5, with 5 representing the most prepared.

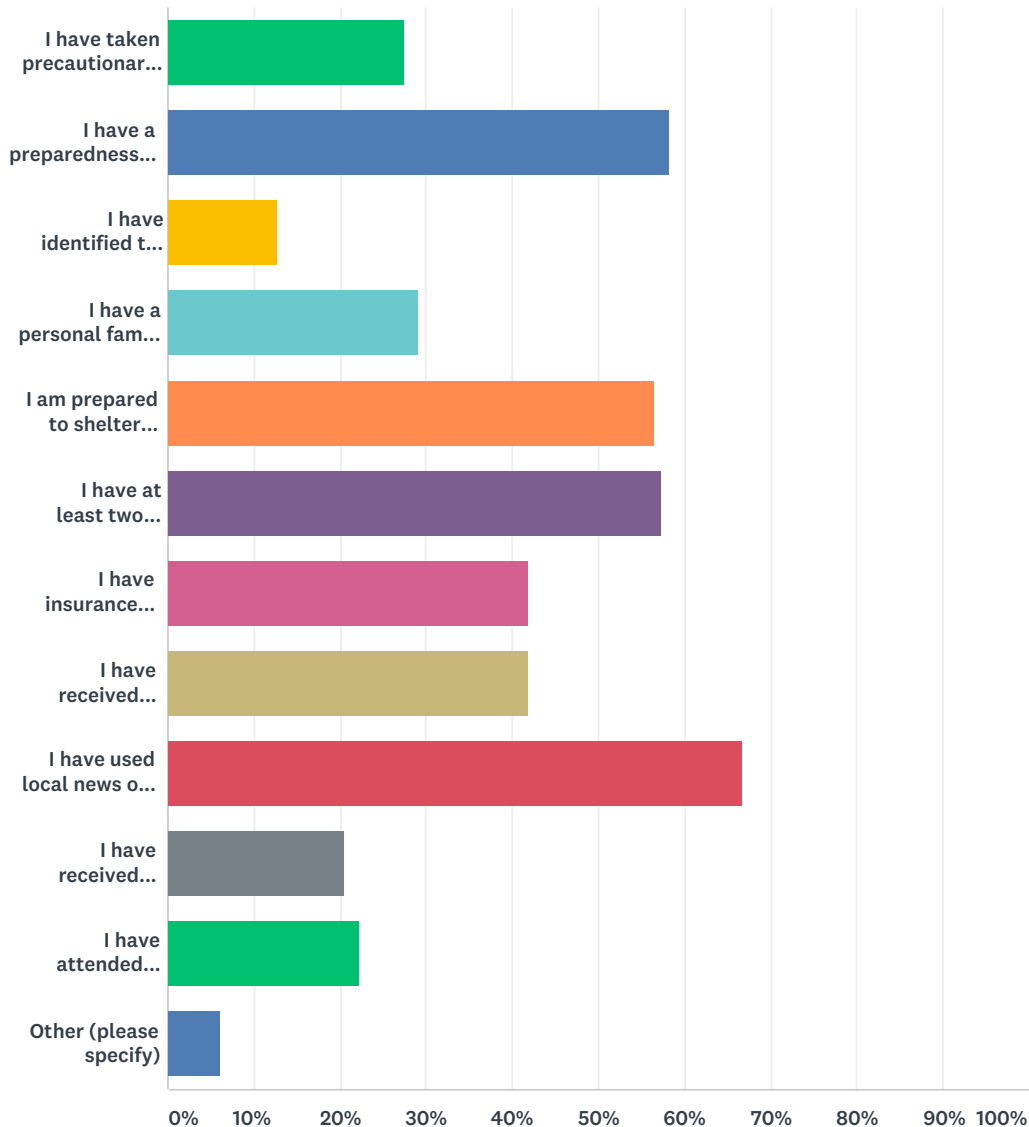
Answered: 115 Skipped: 4



	1 (LEAST)	2	3	4	5 (MOST)	TOTAL	WEIGHTED AVERAGE
☆	2.61% 3	20.87% 24	48.70% 56	23.48% 27	4.35% 5	115	3.06

Q5 In what ways do you believe you are prepared for a natural disaster that may occur within your community? Please check all that apply.

Answered: 117 Skipped: 2



ANSWER CHOICES	RESPONSES	
I have taken precautionary measures to protect my property though retrofits or when constructed	27.35%	32
I have a preparedness kit containing basic supplies and materials for my family and myself	58.12%	68
I have identified the location of the nearest severe weather shelter	12.82%	15
I have a personal family emergency preparedness plan, and have discussed it with my family and others for whom I have responsibility	29.06%	34
I am prepared to shelter in-place if that is the best available option	56.41%	66
I have at least two methods for receiving emergency notifications and other critical information during severe weather or other potential emergency situations	57.26%	67

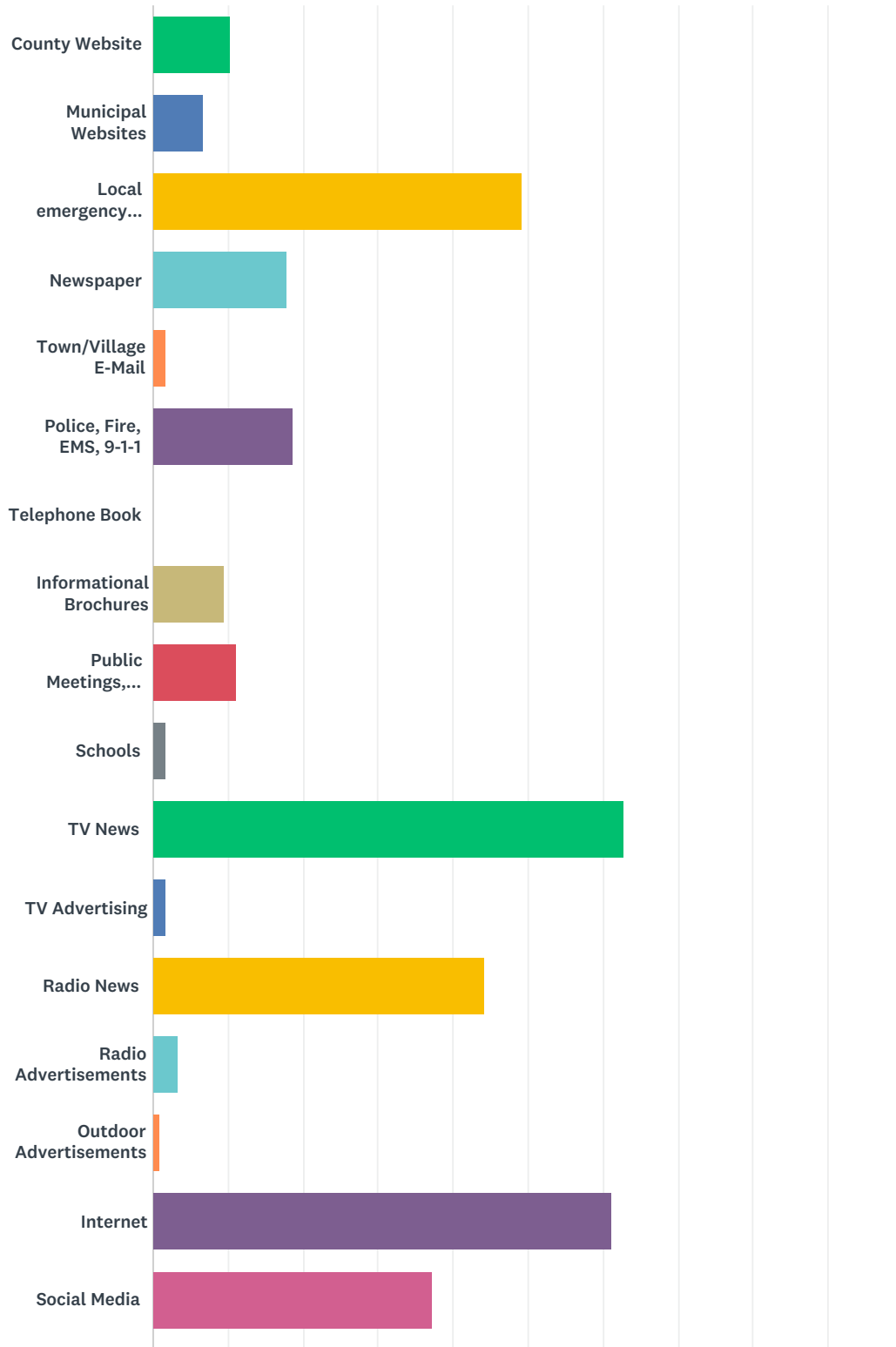
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I have insurance policies to cover losses from specific risks (e.g. flood insurance)	41.88%	49
I have received emergency preparedness information from a government source (e.g., federal, state, or local emergency management)	41.88%	49
I have used local news or other media to obtain information	66.67%	78
I have received information from schools and other academic institutions	20.51%	24
I have attended meetings that have dealt with disaster preparedness	22.22%	26
Other (please specify)	5.98%	7
Total Respondents: 117		

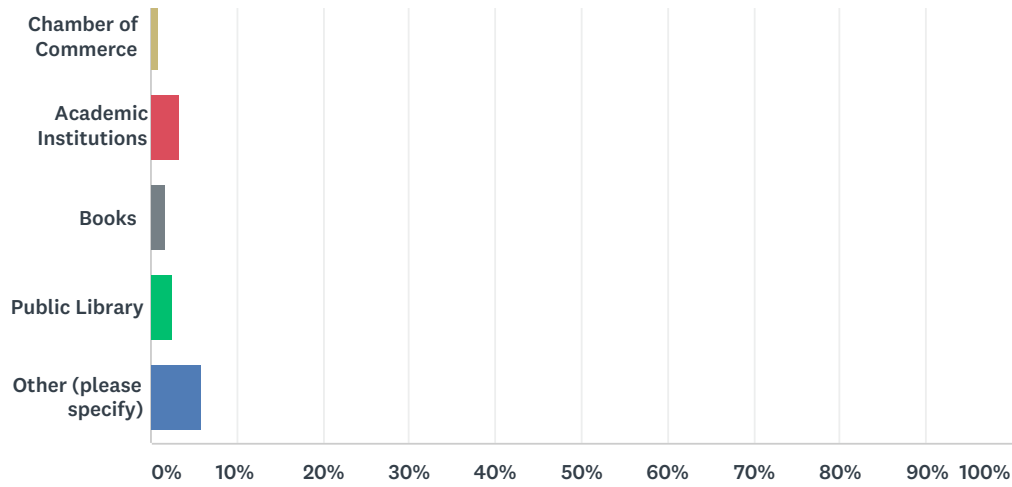
#	OTHER (PLEASE SPECIFY)	DATE
1	Able to heat and light my house without electricity, I also have extra food on hand.	11/13/2018 1:42 PM
2	personal experience in past	11/4/2018 1:42 PM
3	I am not at all prepared	10/26/2018 10:34 AM
4	none of above	10/23/2018 2:03 PM
5	I am not prepared.	10/8/2018 10:30 AM
6	WE NEED BETTER WINTER ROAD CLEARANCE	10/5/2018 11:17 AM
7	Have been in fire dept for 5 years and had disaster training	9/25/2018 9:13 PM

Q6 How do you receive your information concerning a disaster? Of the information sources below, please identify the top three (3) that are MOST EFFECTIVE in providing you with information to make your home safer and better able to withstand the impact of disaster events.

Answered: 118 Skipped: 1



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ANSWER CHOICES	RESPONSES	
County Website	10.17%	12
Municipal Websites	6.78%	8
Local emergency management venues/alert systems (i.e. Hyper-Reach)	49.15%	58
Newspaper	17.80%	21
Town/Village E-Mail	1.69%	2
Police, Fire, EMS, 9-1-1	18.64%	22
Telephone Book	0.00%	0
Informational Brochures	9.32%	11
Public Meetings, Workshops, Public Awareness Events	11.02%	13
Schools	1.69%	2
TV News	62.71%	74
TV Advertising	1.69%	2
Radio News	44.07%	52
Radio Advertisements	3.39%	4
Outdoor Advertisements	0.85%	1
Internet	61.02%	72
Social Media	37.29%	44
Chamber of Commerce	0.85%	1
Academic Institutions	3.39%	4
Books	1.69%	2
Public Library	2.54%	3
Other (please specify)	5.93%	7
Total Respondents: 118		

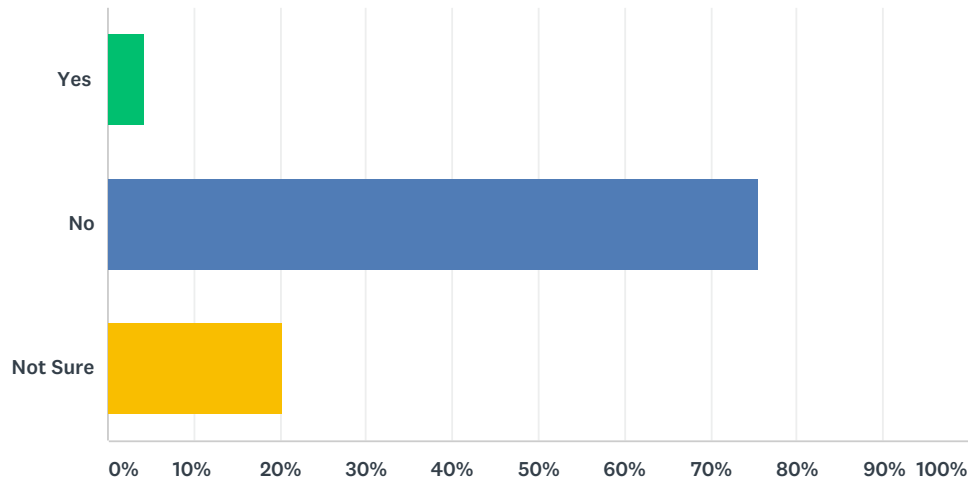
#	OTHER (PLEASE SPECIFY)	DATE
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1	FEMA App	1/4/2019 6:34 PM
2	Text Message	11/13/2018 2:15 PM
3	NOAA Radio Broadcast (severe weather events)	11/13/2018 1:42 PM
4	land line phone	11/4/2018 1:42 PM
5	Text alerts	10/8/2018 10:01 AM
6	WORD OF MOUTH	10/5/2018 11:17 AM
7	NY-Alert	9/17/2018 3:00 PM

Q7 To the best of your knowledge, is your property located in a designated floodplain? If you do not know, or are not sure, please check the following websites:- FEMA: <https://www.floodsmart.gov> - FEMA: <https://msc.fema.gov> Google Earth users can install the FEMA NFIP flood delineations by going to: <https://hazards.fema.gov/femaportal/wps/portal/NFHLWMSkmzdownload>

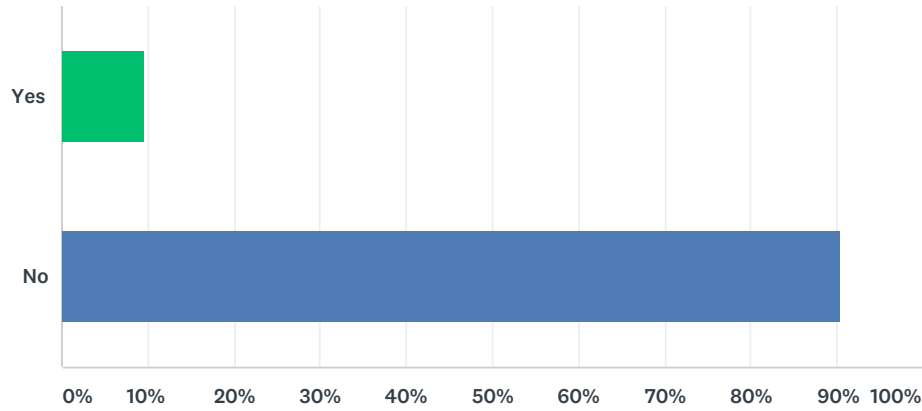
Answered: 118 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	4.24%	5
No	75.42%	89
Not Sure	20.34%	24
TOTAL		118

Q8 Do you have flood insurance?

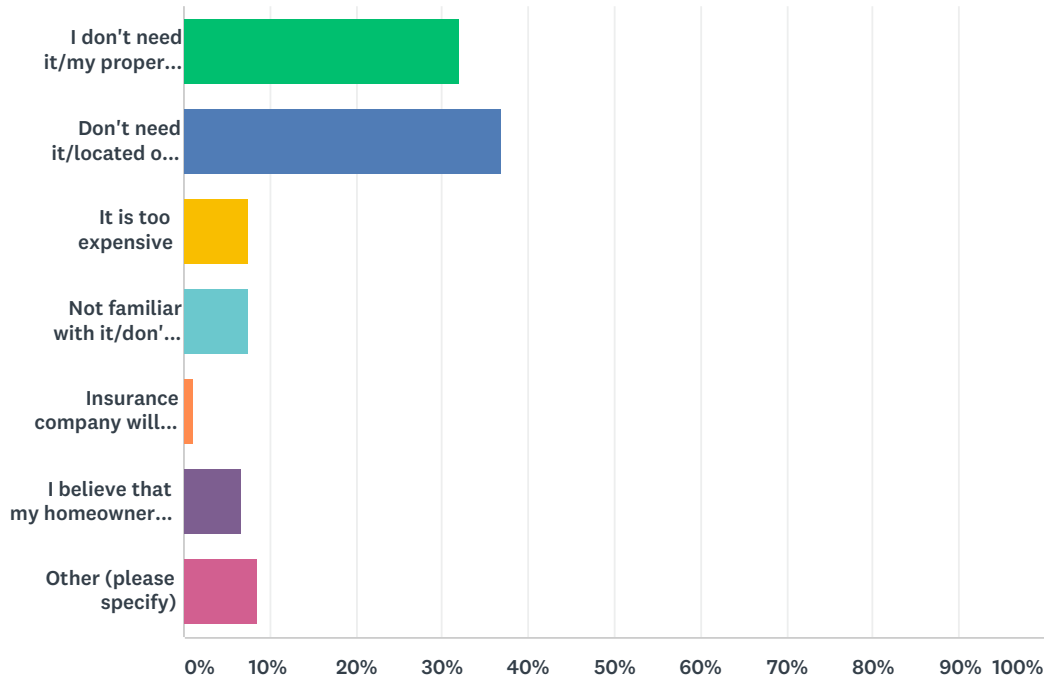
Answered: 115 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	9.57%	11
No	90.43%	104
TOTAL		115

Q9 If you do NOT have flood insurance, what is the primary reason?

Answered: 106 Skipped: 13

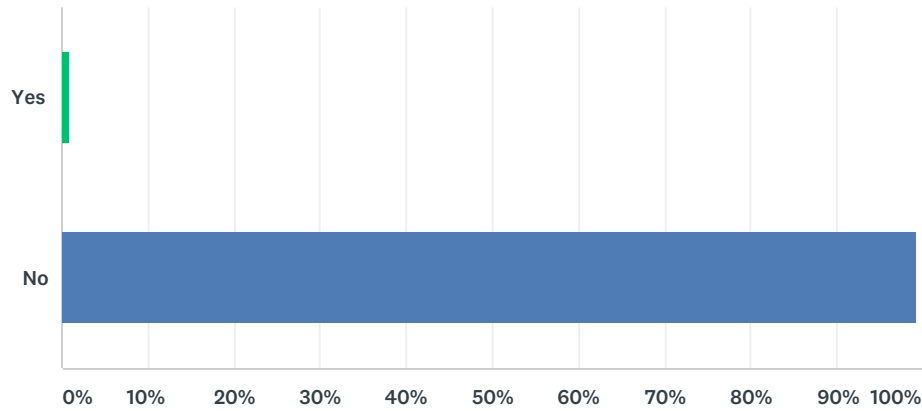


ANSWER CHOICES	RESPONSES	
I don't need it/my property has never flooded	32.08%	34
Don't need it/located on high ground	36.79%	39
It is too expensive	7.55%	8
Not familiar with it/don't know about it	7.55%	8
Insurance company will not provide	0.94%	1
I believe that my homeowners insurance will cover me	6.60%	7
Other (please specify)	8.49%	9
TOTAL		106

#	OTHER (PLEASE SPECIFY)	DATE
1	not in a flood plain	12/13/2018 10:41 AM
2	I have insurance	10/26/2018 10:34 AM
3	I'm a renter.	10/21/2018 4:43 PM
4	My agent did not recommend it	10/15/2018 2:40 PM
5	I'm not sure why	10/10/2018 12:22 PM
6	We have flood insurance.	10/8/2018 9:56 AM
7	I'm in an apartment. It is insured.	10/5/2018 3:38 PM
8	I am not a homeowner. I have rental insurance for my belongings.	10/1/2018 3:57 PM
9	Did not think I needed it	9/27/2018 8:34 AM

Q10 Do you or did you have problems getting homeowners/renters insurance due to risks from natural hazards?

Answered: 112 Skipped: 7



ANSWER CHOICES	RESPONSES	
Yes	0.89%	1
No	99.11%	111
TOTAL		112

Q11 If you answered "Yes" to the previous question, please identify the natural hazard risk that caused you to have problems obtaining homeowners/renters insurance.

Answered: 7 Skipped: 112

#	RESPONSES	DATE
1	Na	10/26/2018 10:34 AM
2	N/A	10/19/2018 2:20 AM
3	n/a	10/18/2018 11:53 AM
4	Flood, ground erosion settling	10/8/2018 4:10 PM
5	NA	10/5/2018 1:20 PM
6	I didnt	9/25/2018 4:00 PM
7	N/a	9/14/2018 3:13 PM

Q12 What areas in Onondaga County are most likely to be effected by a natural disaster? Please list street names and other specific identifiers, if possible. For example, Interstate 81 near LaFayette floods during periods of heavy rain; Jordan Street in Skaneateles has many trees and prone to downed trees and closed roads during high wind events.

Answered: 59 Skipped: 60

#	RESPONSES	DATE
1	East side of Syracuse where the power lines run through the back yards, not on the street, and are covered with tree branches.	1/19/2019 8:39 AM
2	Flood- Beach Rd, Cicero; Rt 298, Cicero; several areas of DeWitt HABs - Skaneateles Lake and areas getting their drinking water from the lake (Syracuse, areas of DeWitt, Jordan/Elbridge)	12/14/2018 3:19 PM
3	Hiawatha Blvd & Erie Blvd	12/14/2018 11:16 AM
4	Flooding in urbanized areas. Landslides in the southern part of the County.	12/13/2018 12:21 PM
5	stream banks	12/13/2018 11:09 AM
6	Skaneateles Lake algae bloom	12/12/2018 5:39 PM
7	Green area in clairmont neighborhood in Liverpool has a high concentration of ash trees that are dying causing concern. In addition, flooding occurs regularly in this area due to ground settlement below drain grade and causes basement and property flooding.	11/23/2018 8:37 PM
8	Wouldn't know. New to Onondaga County	11/19/2018 2:06 PM
9	Route 81 between LaFayette and Tully extremely slippery during winter weather conditions. It's hard to see driving on Lake Road in Tully from Long Road when the sun is coming up. Lots of blind corners and a lot of people run/walk on that road anyway. Sidewalks or trails for runners might increase the safety in this area for both pedestrians and drivers.	11/13/2018 2:21 PM
10	-I-90 in Manlius, where it crosses Chittenango, Limestone, Butternut creeks -Baldwinsville: Seneca River Lock -Rt. 174 between Camillus & Marcellus -Otisco Lake - Rice Brook -Gulf Road (Town of Pompey) - has already washed before	11/13/2018 2:02 PM
11	Onondaga Lake Parkway in Liverpool floods during heavy rain events. Willet Parkway in Baldwinsville floods during heavy rain events	11/13/2018 11:00 AM
12	Village of East Syracuse has many mature trees and prone to down trees and closed roads during high winds. Village of Fayetteville, F-M road has many mature trees along road ways. Kirkville Rd has flooding during heavy rain and spring thaws	11/4/2018 1:55 PM
13	Flood plains and areas prone to mudslides.	10/29/2018 5:50 PM
14	Mosher st and dausman in East Syracuse. Interstate 81 has had floods but the two streets mentioned above have had massive floods	10/26/2018 10:41 AM
15	Unsure	10/19/2018 2:22 AM
16	not sure	10/18/2018 11:59 AM
17	town of camillus	10/17/2018 12:22 PM
18	northeastern corner of onondaga county is prone to flooding	10/17/2018 12:16 PM
19	Treed municipalities - Creekside property along 9 Mile and Skaneateles	10/15/2018 2:43 PM
20	Downtown Syracuse with extreme snow or flooding.	10/10/2018 12:28 PM
21	Not sure off the top of my head	10/10/2018 11:46 AM
22	?	10/9/2018 2:42 PM

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23	Clay and Liverpool NY and other areas near lakes and rivers... or swampy land where there is high residential buildup near lakes, rivers, swamps.	10/8/2018 4:13 PM
24	Hiawatha boulevard floods each time we have heavy rains. West vale has a lot of large trees that are prone to downed limbs	10/8/2018 2:11 PM
25	Onondaga lake Park - seasonal flooding, flooding, windstorms	10/8/2018 1:11 PM
26	not known	10/8/2018 12:15 PM
27	Interstate 81 near LaFayette and Tully floods during periods of heavy rain. Also, same area due to blowing and drifting snow in wintertime.	10/8/2018 11:36 AM
28	I don't know	10/8/2018 10:45 AM
29	Not sure.	10/8/2018 10:22 AM
30	Interstate 81	10/8/2018 10:06 AM
31	81 south	10/8/2018 10:05 AM
32	81 south in the city	10/8/2018 10:01 AM
33	in syracuse, Lodi street as it passes under 690	10/5/2018 1:28 PM
34	portions of Broad Road (Town of Onondaga) floods during heavy rains and spring thaws... causing flooding on and within properties immediately downhill. Routinely maintaining the drainage system would mitigate the damage.	10/5/2018 1:20 PM
35	onondaga lake park	10/5/2018 12:32 PM
36	ALL ROADS AND HIGHWAYS ARE TOO ICY IN WINTER AS EVIDENT IN THE DEATH OF A WOMAN ON ONONDAGA LAKE PARKWAY LAST YEAR	10/5/2018 11:25 AM
37	rattlesnake gultch	10/4/2018 12:59 PM
38	shoreline properties, areas with above ground powerlines, skan lake drinking water users, steeply sloped areas	10/3/2018 10:17 AM
39	Flooding in lower lying streets like W. Fayette Street between Magnolia Street and S Geddes Street in Syracuse.	10/1/2018 4:08 PM
40	Onondaga Creek neighborhoods, low lying areas near Kirkville,Oneida Lake	10/1/2018 3:09 PM
41	Areas surrounding Onondaga Creek	10/1/2018 3:02 PM
42	My former address in Mattydale had many trees with tree limbs frequently falling.	9/27/2018 8:41 AM
43	State Fair Blvd. Geddes	9/26/2018 7:00 AM
44	State Fair Blvd. west of the fair grounds, 690. Flooding	9/25/2018 9:59 PM
45	city county roads leading to downtown hospitals not often well plowed during snowstorms	9/25/2018 5:42 PM
46	Not sure	9/25/2018 4:28 PM
47	West genesee st from dntn to westvale Erie Blvd and fayette near geddes cross section	9/25/2018 12:43 PM
48	Not sure	9/22/2018 5:02 PM
49	Flooding in Rattlesnake Gultch area. Flooding on Butternut Drive in Town of DeWitt.	9/18/2018 8:26 PM
50	Water supply HABs	9/18/2018 7:02 AM
51	Rattlesnake gulch area always floods. I81 from Downtown to Destiny in Flash Flooding. South of the city in heavy winds	9/17/2018 5:29 PM
52	Portions of the West Side near Onondaga Creek is subject to flooding. WWTP are susceptible to bypass flows and undertreating sanitary influent. CSOs are more frequent during wet weather and snowmelt events in downtown Syracuse.	9/17/2018 3:12 PM
53	Southern part of the county	9/17/2018 6:15 AM
54	large trees Village of Balfdwinsville	9/14/2018 3:42 PM
55	Points along Seneca River - flooding, Chaucer Circle - street flooding due to storm drain overflow, Genesee Street, Oswego Street, Oneida Street, Syracuse Street Baldwinsville - trees, Smokey Hollow Road - flooding, radio/cell tower collapse.	9/14/2018 3:22 PM

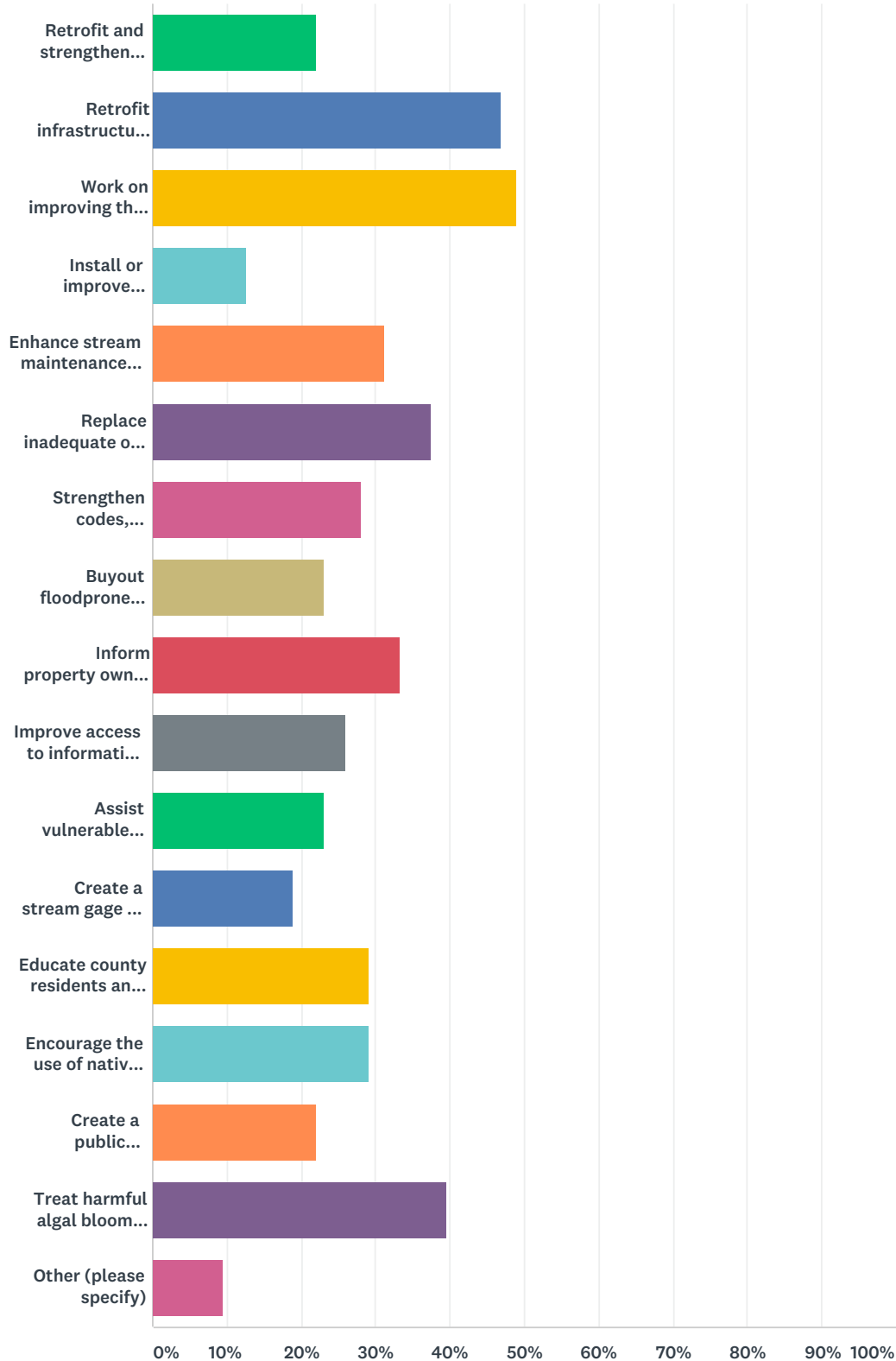
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56	city of Syracuse. Old trees.	9/14/2018 3:15 PM
57	Streets in syracuse become impassable during heavy snowstorms	9/14/2018 3:10 PM
58	Villages and Townships that exist low lying areas that have streams running through them	9/14/2018 2:46 PM
59	When it comes down to it, all areas of the county have a vulnerability.	9/13/2018 7:05 AM

Q13 What types of projects do you believe Local, County, State, or Federal Government agencies could be doing to reduce the damage and disruption of disasters in Onondaga County? Select your top three choices.

Answered: 96 Skipped: 23

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ANSWER CHOICES	RESPONSES	
Retrofit and strengthen essential facilities such as police, schools, and hospitals	21.88%	21
Retrofit infrastructure, such as elevating roadways and improving drainage systems	46.88%	45
Work on improving the damage resistance of utilities (electricity, communications, water/wastewater facilities etc.)	48.96%	47

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

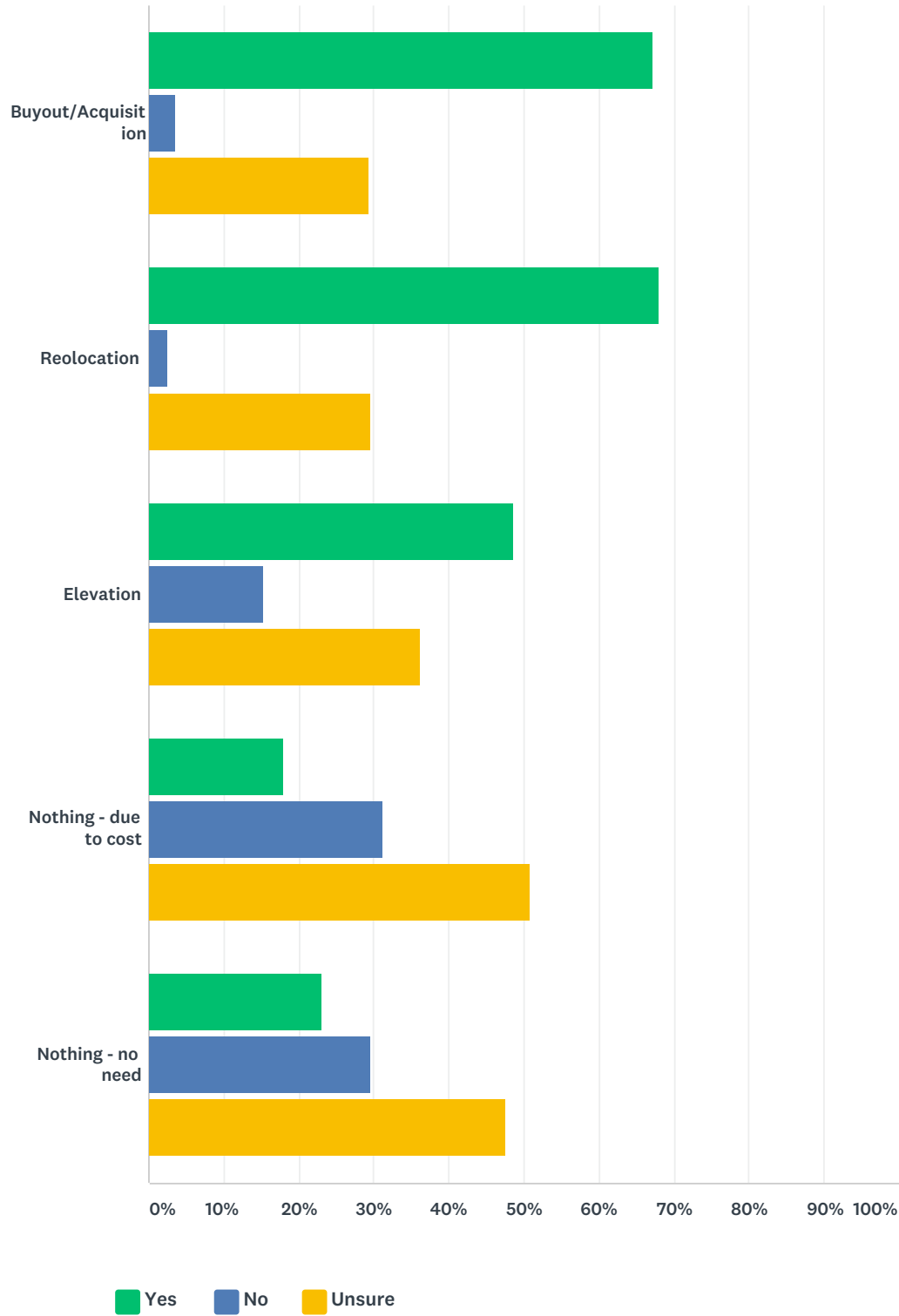
Install or improve protective structures, such as floodwalls, levees, bulkheads, and firebreaks	12.50%	12
Enhance stream maintenance programs/projects	31.25%	30
Replace inadequate or vulnerable bridges and causeways	37.50%	36
Strengthen codes, ordinances and plans to require higher hazard risk management standards and/or provide greater control over development in high hazard areas	28.13%	27
Buyout floodprone properties and maintain as open space	22.92%	22
Inform property owners of ways they can mitigate damage to their properties	33.33%	32
Improve access to information about hazard risks and high-hazard areas	26.04%	25
Assist vulnerable property owners with securing funding to mitigate their properties	22.92%	22
Create a stream gage and weather monitoring program to provide more accurate data and warnings	18.75%	18
Educate county residents and staff about invasive species before they become established to help prevent problems	29.17%	28
Encourage the use of native plant species by residents and county agencies	29.17%	28
Create a public education program regarding harmful algal bloom	21.88%	21
Treat harmful algal bloom before it enters the larger lake systems	39.58%	38
Other (please specify)	9.38%	9
Total Respondents: 96		

#	OTHER (PLEASE SPECIFY)	DATE
1	We need tree ordinances so that unsafe trees on private property will be removed before they haem peopel who own them and adjoining properties	11/5/2018 12:52 PM
2	Remove Hazardous trees from private property that homeowners refuse to take down. Create a right tree/ right place program for residential areas in the county.	11/4/2018 1:55 PM
3	Do the drainage system the county was going to do in the past but didn't because years ago some home owners said no. Have the choice for each homeowner if the town wants to dig in the back yard.	10/26/2018 10:41 AM
4	close down nuclear reactor in Oswego	10/23/2018 2:08 PM
5	not really sure as their information is held "close to their vest" no real citizen participation as we are considered un qualified to assess (which is incorrect)	10/17/2018 12:22 PM
6	too many choices	10/15/2018 2:43 PM
7	Plant many trees	10/8/2018 9:52 AM
8	KEEP THE ROADS CLEAR AND SAFE IN WINTER	10/5/2018 11:25 AM
9	upgrade water and sanitary sewer lines.	9/14/2018 3:15 PM

Q14 If your property were located in a designated high-hazard area (for example, NFIP flood zone) or had received repeated damages from a natural disaster event, would you consider any of the following options? If your response is dependent on certain factors, such as the funding source, please indicate those factors in the following question.

Answered: 90 Skipped: 29

Onondaga County Hazard Mitigation Plan Update - Citizen Survey



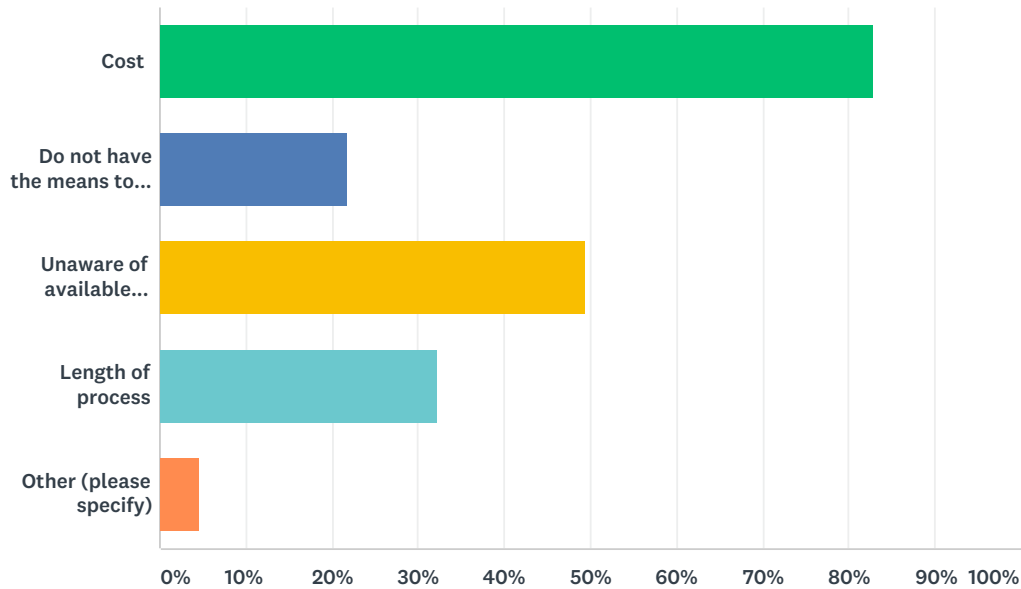
	YES	NO	UNSURE	TOTAL
Buyout/Acquisition	67.07% 55	3.66% 3	29.27% 24	82
Relocation	67.95% 53	2.56% 2	29.49% 23	78
Elevation	48.61% 35	15.28% 11	36.11% 26	72
Nothing - due to cost	18.03% 11	31.15% 19	50.82% 31	61

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

Nothing - no need	22.95% 14	29.51% 18	47.54% 29	61
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Q15 Please select the factor(s) that would influence your decision on the options listed above (buyout/acquisition, relocation, or elevation).

Answered: 87 Skipped: 32



ANSWER CHOICES	RESPONSES	
Cost	82.76%	72
Do not have the means to move/relocate	21.84%	19
Unaware of available programs	49.43%	43
Length of process	32.18%	28
Other (please specify)	4.60%	4
Total Respondents: 87		

#	OTHER (PLEASE SPECIFY)	DATE
1	I like to consider all options, when appropriate	10/18/2018 11:59 AM
2	How would I be able to offset my mortgage?	10/9/2018 10:22 AM
3	Unsure.	10/8/2018 10:22 AM
4	desirability of solution, effect on property value, livability, depends on intensity of threat	10/3/2018 10:17 AM

Q16 If you have already had to spend money to mitigate your property, how much have you spent and on what measures?

Answered: 29 Skipped: 90

#	RESPONSES	DATE
1	\$2,000, drainage and grading.	12/20/2018 3:27 PM
2	Flood control - drainage infrastructure and grading \$10K	12/14/2018 3:19 PM
3	N/A	11/13/2018 2:02 PM
4	under \$10,000. Tree maintainece, Gutters to remove water away from house.	11/4/2018 1:55 PM
5	N/A	10/29/2018 5:50 PM
6	14,000 for dry basement. And hundreds trying to make yard not look like a lake.	10/26/2018 10:41 AM
7	N/A	10/19/2018 2:22 AM
8	weather sealing	10/18/2018 11:59 AM
9	electrical generator 600\$	10/17/2018 12:22 PM
10	I dont know	10/10/2018 12:28 PM
11	0	10/10/2018 11:46 AM
12	NA	10/9/2018 2:42 PM
13	0	10/9/2018 9:41 AM
14	Over \$15,000	10/8/2018 4:13 PM
15	0	10/8/2018 12:15 PM
16	N/A	10/8/2018 11:36 AM
17	\$3,000 - basement flooded (carpet replacement, furniture)	10/8/2018 11:24 AM
18	n/a	10/8/2018 10:45 AM
19	The measures included tree removal/garage roof repair. Also, drain from driveway to basement redone (the drain was grandfathered in).	10/8/2018 10:22 AM
20	na	10/5/2018 1:28 PM
21	n/a	10/1/2018 4:08 PM
22	0	10/1/2018 3:02 PM
23	\$8,000 deepen improvements	9/28/2018 7:31 AM
24	large trees fell and foundation cracked, now water gets in the basement	9/27/2018 8:41 AM
25	5,000.00 dollars on drainage	9/26/2018 7:00 AM
26	upgrade to roofing, radon system for home	9/25/2018 5:42 PM
27	O	9/18/2018 8:26 PM
28	Higher hp sump pump and redirect discharge to environment to reduce I/I to local WWTP. Cost = \$1300.	9/17/2018 3:12 PM
29	No	9/17/2018 6:15 AM

Q17 Which (if any) incentives would motivate you to spend money on protecting your home from the possible impacts of a disaster? Such as lower interest rates, grant funding, waivers, etc.

Answered: 64 Skipped: 55

#	RESPONSES	DATE
1	grant funding	1/20/2019 5:04 PM
2	tax credit	12/20/2018 3:27 PM
3	Grant funding	12/14/2018 3:19 PM
4	lower interest rates, grant funding	12/14/2018 11:16 AM
5	grants	12/13/2018 4:43 PM
6	money	12/13/2018 11:09 AM
7	Grant funding and low interest rates	11/23/2018 8:37 PM
8	Low interest loans & grants.	11/13/2018 2:02 PM
9	lower interest rates, grant funding	11/13/2018 11:00 AM
10	?	11/4/2018 1:55 PM
11	Grants	10/29/2018 5:50 PM
12	Town was going to fix issue but didn't cause some home owners didn't want them digging in their yards	10/26/2018 10:41 AM
13	Grant funding	10/19/2018 2:22 AM
14	not sure if any, may not qualify	10/18/2018 11:59 AM
15	grants	10/17/2018 12:22 PM
16	Grant Funding	10/13/2018 7:37 PM
17	Lower rates	10/10/2018 12:28 PM
18	00	10/10/2018 11:46 AM
19	?	10/9/2018 2:42 PM
20	lower interest rates, grant funding, waivers, etc.	10/9/2018 10:22 AM
21	grant funding	10/9/2018 9:41 AM
22	Grant funding	10/8/2018 4:13 PM
23	grants	10/8/2018 3:49 PM
24	Grants or waivers	10/8/2018 2:11 PM
25	grants/matching, insurance reduction	10/8/2018 1:11 PM
26	lower interest rates, grant funding	10/8/2018 12:15 PM
27	grant funding	10/8/2018 11:57 AM
28	grants	10/8/2018 11:42 AM
29	Grant funding	10/8/2018 11:36 AM
30	Grant funding	10/8/2018 11:24 AM
31	don't know	10/8/2018 10:45 AM
32	All of the above.	10/8/2018 10:22 AM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

33	grant funding, tax waivers	10/8/2018 10:21 AM
34	Waivers	10/8/2018 10:14 AM
35	Funding	10/8/2018 10:06 AM
36	Grants, extra funding to assist with relocation costs	10/8/2018 10:05 AM
37	the examples mentioned	10/5/2018 1:28 PM
38	grant funding, waivers	10/5/2018 1:20 PM
39	GRANT FUNDING	10/5/2018 11:25 AM
40	grant funding	10/3/2018 10:17 AM
41	grant funding	10/1/2018 4:08 PM
42	Grant funding	10/1/2018 3:22 PM
43	Grant funding	10/1/2018 3:09 PM
44	Grant funding. Tax relief	10/1/2018 3:02 PM
45	grants	9/28/2018 7:31 AM
46	grant funding, waivers, discounts	9/27/2018 8:41 AM
47	low interest rates	9/27/2018 6:59 AM
48	Grants	9/27/2018 6:45 AM
49	Lower interest rates	9/26/2018 7:00 AM
50	I live in a complex	9/25/2018 9:59 PM
51	rebates, grant funding	9/25/2018 5:42 PM
52	Vouchers for protection services if qualified	9/25/2018 4:28 PM
53	Grants	9/25/2018 1:02 PM
54	Grants, waivers	9/22/2018 6:51 PM
55	Low interest loans or matching grant funds	9/22/2018 5:02 PM
56	Grant funding, lower interest rates	9/18/2018 8:26 PM
57	grant funding	9/18/2018 7:02 AM
58	Grant funding and tax incentives	9/17/2018 5:29 PM
59	All of the above.	9/17/2018 3:12 PM
60	Any	9/17/2018 6:15 AM
61	grants / tax savings	9/14/2018 3:42 PM
62	Funding	9/14/2018 3:36 PM
63	grant funding, low interest rate loans, reduction in insurance costs	9/14/2018 3:22 PM
64	grant funding, tax break	9/13/2018 7:05 AM

Q18 Please list any additional types of projects you believe local, county, state or federal government agencies could be doing to reduce the damage and disruption in Onondaga County.

Answered: 41 Skipped: 78

#	RESPONSES	DATE
1	keep building and maintaining green infrastructure	12/13/2018 4:43 PM
2	fairer and more transparent bidding processes!	12/12/2018 5:39 PM
3	Town of Clay needs to address flooding in green area in Clairmont Neighborhood. Flooding and mosquitos are a problem to property	11/23/2018 8:37 PM
4	County wide land use planning to reduce suburban sprawl and impervious surfaces. Planning and zoning to prevent developers from building housing tracts and strip malls in vulnerable areas.Increasing open space, especially areas vulnerable to flooding. Stream bed/bank stabilization, woody debris removal in streams, and riparian buffer planting.	11/13/2018 2:02 PM
5	better road drainage on flood prone sections of road	11/13/2018 11:00 AM
6	tree risk mitigation plan. fudning for those who can not afford to propoerly take care of their trees.	11/5/2018 12:52 PM
7	Tree program for homeowners to remove hazardous trees from their property for the safety of their neighborhood	11/4/2018 1:55 PM
8	Adopt sustainable development plan.	10/29/2018 5:50 PM
9	Do the original project they wanted to do in the first place	10/26/2018 10:41 AM
10	More education regarding most probable natural disasters	10/23/2018 2:08 PM
11	N/A	10/19/2018 2:22 AM
12	education for public	10/18/2018 11:59 AM
13	more public participation and communication	10/17/2018 12:22 PM
14	Public education is a large part	10/13/2018 7:37 PM
15	I dont know	10/10/2018 12:28 PM
16	Basic kits to give to people to get them started on emergency prepardness	10/10/2018 11:46 AM
17	Educate the county on the risks of natural disasters and invasive species and what we can be doing to protect our home	10/8/2018 2:11 PM
18	Take it more seriously - by that I mean it takes repeated messaging about what might happen, how to prepeare and resources available. Typically it seems you only hear about it or think about when the issue is impending...too late.	10/8/2018 1:11 PM
19	unknown	10/8/2018 12:15 PM
20	N/A	10/8/2018 11:36 AM
21	don't know	10/8/2018 10:45 AM
22	Get on top of potholes.	10/8/2018 10:22 AM
23	getting this survey, or something similar, to as wide an audience as possible	10/8/2018 10:21 AM
24	Increase snow removal on roads during storms	10/8/2018 10:05 AM
25	na	10/5/2018 1:28 PM
26	routine maintenance of existing structures and systems so they function properly	10/5/2018 1:20 PM
27	FIRST REPAIR THE ROADS AND KEEP CLEAR IN WINTER.	10/5/2018 11:25 AM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

28	open space acquisition of sensitive areas and places for stormwater management / groundwater recharge	10/3/2018 10:17 AM
29	More green infrastructure to manage stormwater on public and private land - and you should include saving the rain in codes and ordinances as a requirement for property retrofits.	10/1/2018 4:08 PM
30	Awareness of information	10/1/2018 3:22 PM
31	Infrastructure updates	10/1/2018 3:02 PM
32	road ditch maintenance practices should be updated to reduce erosion; culverts should be assessed and replaced at the proper size to accomodate runoff from large storm events & replaced when damaged.	9/28/2018 7:31 AM
33	preseason preparation advice	9/27/2018 8:41 AM
34	None	9/26/2018 7:00 AM
35	Infrastructure & utility improvements	9/18/2018 8:26 PM
36	Limit CAFOs, stop destruction of hedgrows	9/18/2018 7:02 AM
37	Better emergency notification for Road closures due to snow or flooding	9/17/2018 5:29 PM
38	Increase WWTP capacities; increase road repair frequency to reduce accidents in winter; work with City of Syracuse to control stormwater	9/17/2018 3:12 PM
39	All covered i beilieve	9/17/2018 6:15 AM
40	buying generators, building a water treatment plant for Skaneateles Lake	9/14/2018 3:10 PM
41	DPW and local highway departments maintain/improve infrastructure	9/14/2018 2:46 PM

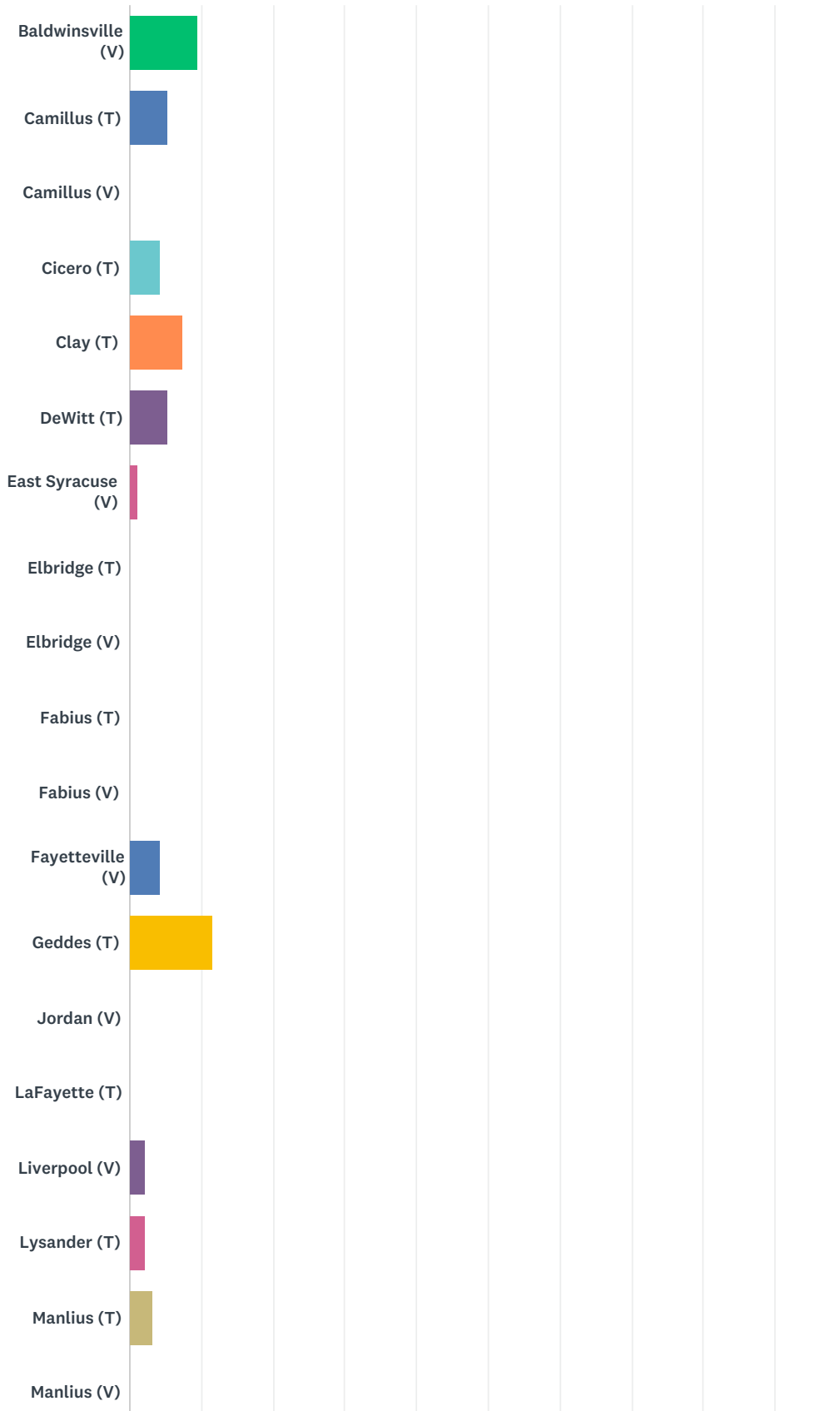
Q19 Do you have any other comments, questions, or concerns regarding hazard mitigation in Onondaga County?

Answered: 21 Skipped: 98

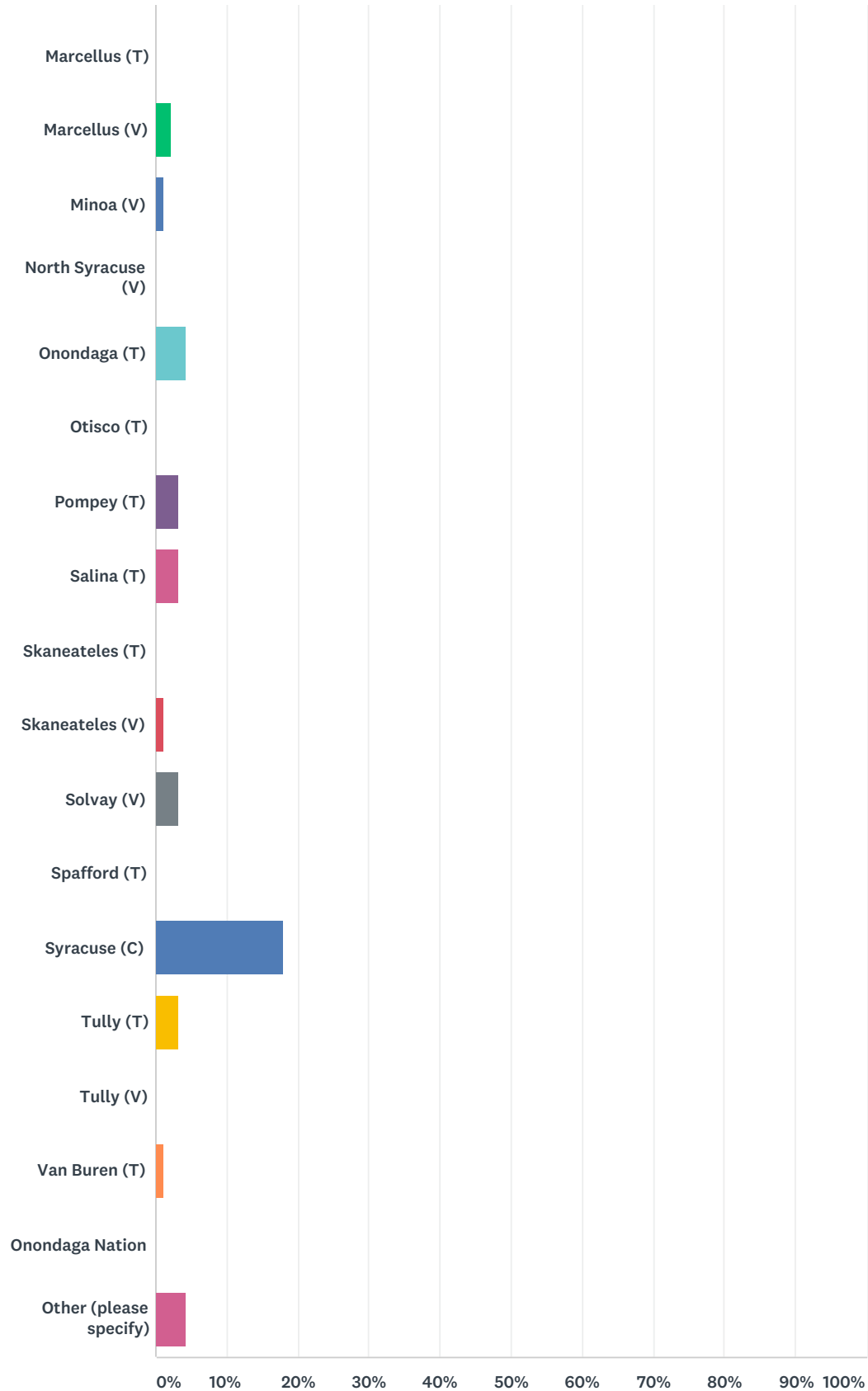
#	RESPONSES	DATE
1	With all the mature trees in the county, why isn't there a county tree code for removal of hazardous trees in the communities	11/4/2018 1:55 PM
2	Why did the few outweigh the many when it came to fixing the flooding issues in people's backyards?	10/26/2018 10:41 AM
3	No	10/19/2018 2:22 AM
4	none	10/18/2018 11:59 AM
5	let the public know about plans with mailings, emails, etc	10/17/2018 12:22 PM
6	no	10/10/2018 12:28 PM
7	Get more literature out more frequently- not just the NYS Fair- about emergency preparedness. Provide details and a basic started kit if possible, or at least a list of inexpensive items that people can get to start them out.	10/10/2018 11:46 AM
8	no	10/9/2018 2:42 PM
9	No	10/8/2018 2:11 PM
10	N/A	10/8/2018 11:36 AM
11	no	10/8/2018 10:45 AM
12	No	10/8/2018 10:05 AM
13	no	10/5/2018 1:28 PM
14	who to contact (which agency, point of contact) for each hazard type encountered would be helpful to know.	10/5/2018 1:20 PM
15	WE RISK OUR LIVES TO GO TO WORK IN THE WINTER	10/5/2018 11:25 AM
16	Just because we have snow every year is no reason to take it lightly and not close down roads that are not safe for travel and to close things down when its unsafe to be out.	9/27/2018 8:41 AM
17	None	9/26/2018 7:00 AM
18	No	9/18/2018 8:26 PM
19	Historically we haven't had too many issues. We handle snow storms well but not sure if we were to ever have an ice storm that does worry me.	9/17/2018 5:29 PM
20	City of Syracuse and County of Onondaga need to work together to solve joint problems of aging wastewater collection system and improve stormwater drainage	9/17/2018 3:12 PM
21	no	9/14/2018 3:22 PM

Q20 Please indicate the jurisdiction in which you live:

Answered: 95 Skipped: 24



Onondaga County Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES
Baldwinsville (V)	9.47%

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

Camillus (T)	5.26%	5
Camillus (V)	0.00%	0
Cicero (T)	4.21%	4
Clay (T)	7.37%	7
DeWitt (T)	5.26%	5
East Syracuse (V)	1.05%	1
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	4.21%	4
Geddes (T)	11.58%	11
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	2.11%	2
Lysander (T)	2.11%	2
Manlius (T)	3.16%	3
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	2.11%	2
Minoa (V)	1.05%	1
North Syracuse (V)	0.00%	0
Onondaga (T)	4.21%	4
Otisco (T)	0.00%	0
Pompey (T)	3.16%	3
Salina (T)	3.16%	3
Skaneateles (T)	0.00%	0
Skaneateles (V)	1.05%	1
Solvay (V)	3.16%	3
Spafford (T)	0.00%	0
Syracuse (C)	17.89%	17
Tully (T)	3.16%	3
Tully (V)	0.00%	0
Van Buren (T)	1.05%	1

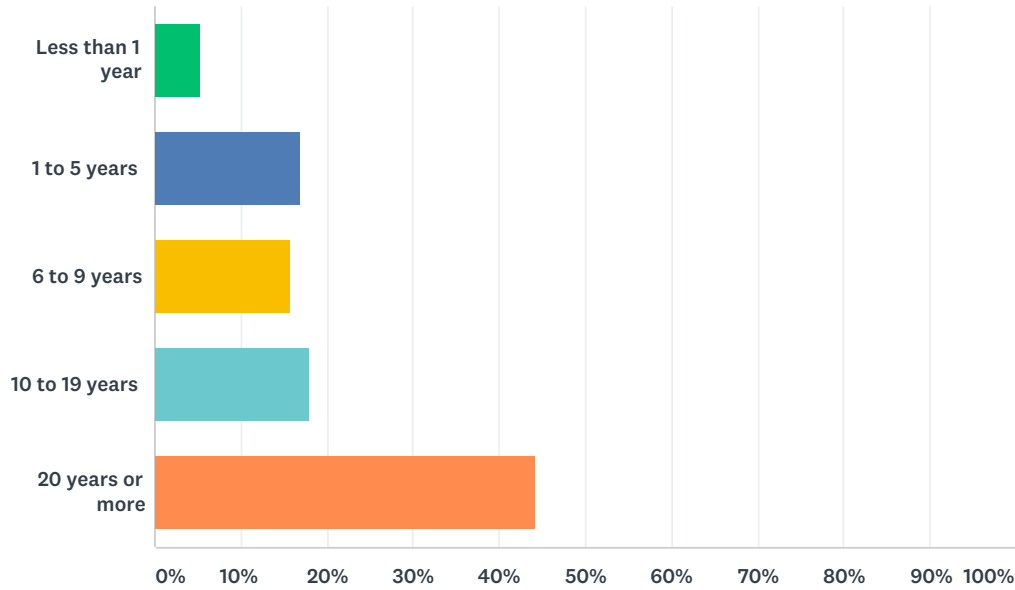
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Onondaga Nation	0.00%	0
Other (please specify)	4.21%	4
TOTAL		95

#	OTHER (PLEASE SPECIFY)	DATE
1	Chenango County	10/18/2018 4:26 PM
2	Pennellville	10/9/2018 8:03 AM
3	I live in Oswego County but work in Liverpool	10/8/2018 1:12 PM
4	Fleming Owasco Lake	9/18/2018 7:03 AM

Q21 How long have you lived here?

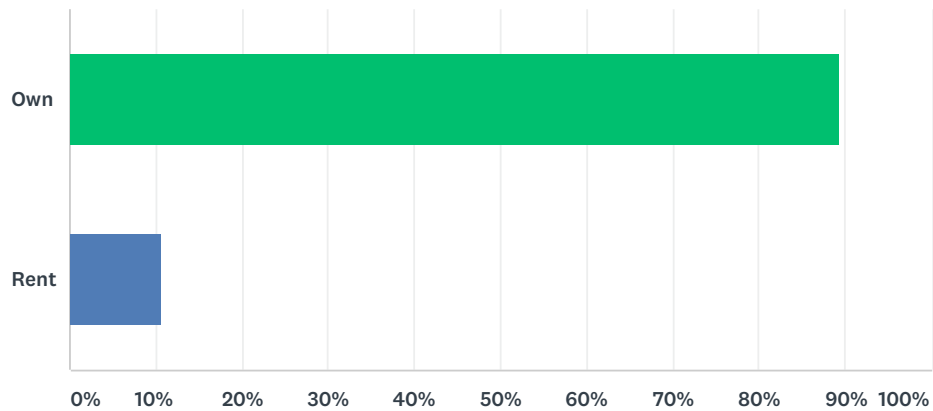
Answered: 95 Skipped: 24



ANSWER CHOICES	RESPONSES	
Less than 1 year	5.26%	5
1 to 5 years	16.84%	16
6 to 9 years	15.79%	15
10 to 19 years	17.89%	17
20 years or more	44.21%	42
TOTAL		95

Q22 Do you own or rent your place of residence?

Answered: 94 Skipped: 25



ANSWER CHOICES		RESPONSES	
Own		89.36%	84
Rent		10.64%	10
TOTAL			94

Q23 What street is your property on? (optional, will be kept confidential – only used to identify hazard areas such as flooding)

Answered: 58 Skipped: 61

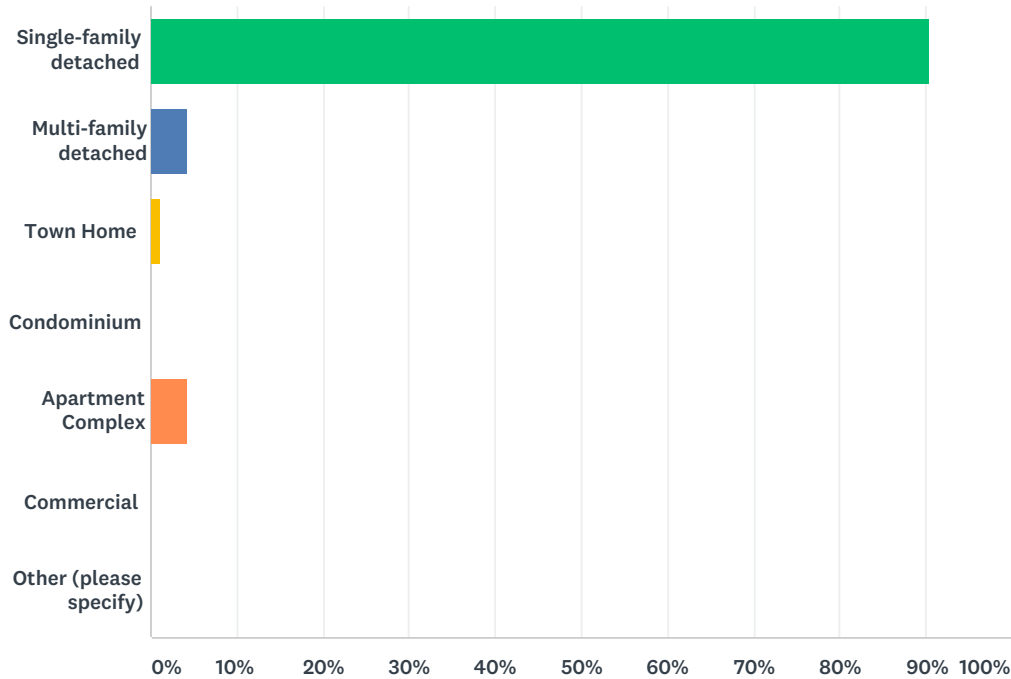
#	RESPONSES	DATE
1		1/18/2019 5:42 PM
2		12/20/2018 3:27 PM
3		12/13/2018 4:44 PM
4		12/13/2018 12:22 PM
5		12/13/2018 11:54 AM
6		12/13/2018 10:59 AM
7		11/23/2018 8:37 PM
8		11/19/2018 2:06 PM
9		11/13/2018 2:03 PM
10		11/13/2018 11:01 AM
11		10/29/2018 5:51 PM
12		10/26/2018 10:41 AM
13		10/23/2018 2:24 PM
14		10/19/2018 2:22 AM
15		10/18/2018 4:26 PM
16		10/17/2018 12:22 PM
17		10/17/2018 12:17 PM
18		10/15/2018 2:44 PM
19		10/14/2018 11:14 AM
20		10/13/2018 7:37 PM
21		10/10/2018 11:47 AM
22		10/9/2018 11:25 AM
23		10/8/2018 2:12 PM
24		10/8/2018 12:16 PM
25		10/8/2018 11:58 AM
26		10/8/2018 10:46 AM
27		10/8/2018 10:23 AM
28		10/8/2018 10:06 AM
29		10/8/2018 9:53 AM
30		10/5/2018 1:29 PM
31		10/5/2018 1:21 PM
32		10/1/2018 4:09 PM
33		10/1/2018 3:23 PM
34		10/1/2018 3:09 PM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

35	10/1/2018 3:02 PM
36	9/28/2018 7:32 AM
37	9/27/2018 8:42 AM
38	9/27/2018 6:47 AM
39	9/26/2018 7:00 AM
40	9/25/2018 10:00 PM
41	9/25/2018 5:42 PM
42	9/25/2018 4:28 PM
43	9/25/2018 1:03 PM
44	9/25/2018 12:44 PM
45	9/25/2018 10:59 AM
46	9/22/2018 6:51 PM
47	9/22/2018 5:03 PM
48	9/18/2018 8:27 PM
49	9/18/2018 7:03 AM
50	9/17/2018 5:29 PM
51	9/17/2018 3:15 PM
52	9/17/2018 6:16 AM
53	9/14/2018 4:25 PM
54	9/14/2018 3:37 PM
55	9/14/2018 3:23 PM
56	9/14/2018 3:16 PM
57	9/14/2018 2:47 PM
58	9/13/2018 7:06 AM

Q24 What type of residence do you live in?

Answered: 94 Skipped: 25

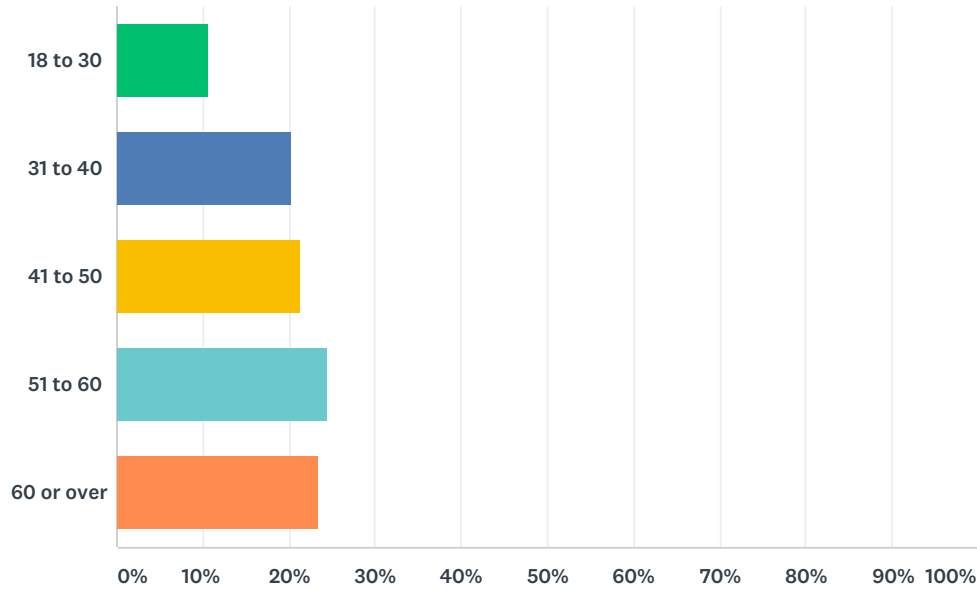


ANSWER CHOICES	RESPONSES	
Single-family detached	90.43%	85
Multi-family detached	4.26%	4
Town Home	1.06%	1
Condominium	0.00%	0
Apartment Complex	4.26%	4
Commercial	0.00%	0
Other (please specify)	0.00%	0
TOTAL		94

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q25 Please indicate your age range:

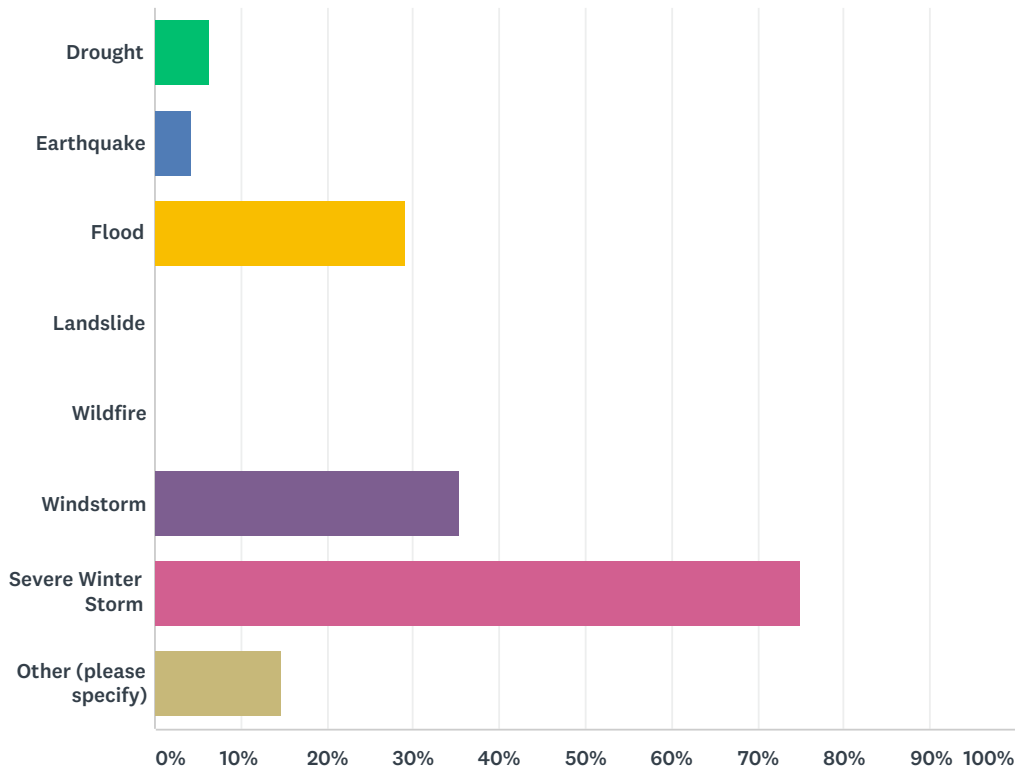
Answered: 94 Skipped: 25



ANSWER CHOICES	RESPONSES	
18 to 30	10.64%	10
31 to 40	20.21%	19
41 to 50	21.28%	20
51 to 60	24.47%	23
60 or over	23.40%	22
TOTAL		94

Q2 If you answered yes to the question above, which of the natural disasters have you or someone in your household experienced in the past five years? Check all that apply.

Answered: 48 Skipped: 71



ANSWER CHOICES	RESPONSES	
Drought	6.25%	3
Earthquake	4.17%	2
Flood	29.17%	14
Landslide	0.00%	0
Wildfire	0.00%	0
Windstorm	35.42%	17
Severe Winter Storm	75.00%	36
Other (please specify)	14.58%	7
Total Respondents: 48		

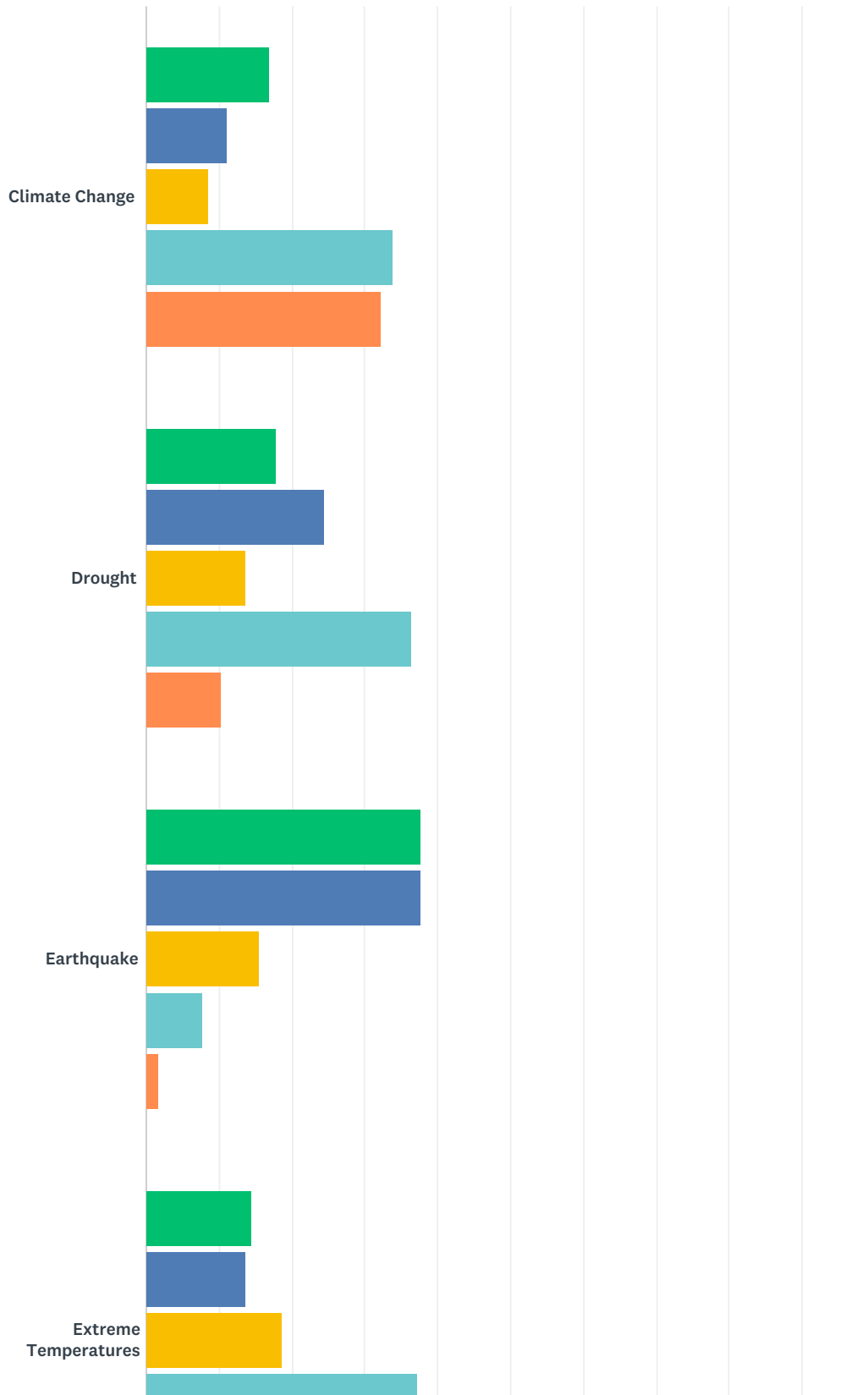
#	OTHER (PLEASE SPECIFY)	DATE
1	Hurricane	11/19/2018 2:04 PM
2	tree damage from storms	11/4/2018 1:42 PM
3	Selling of land under foundation	10/8/2018 4:10 PM
4	damaging hail - roof and vehicle	10/8/2018 1:06 PM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

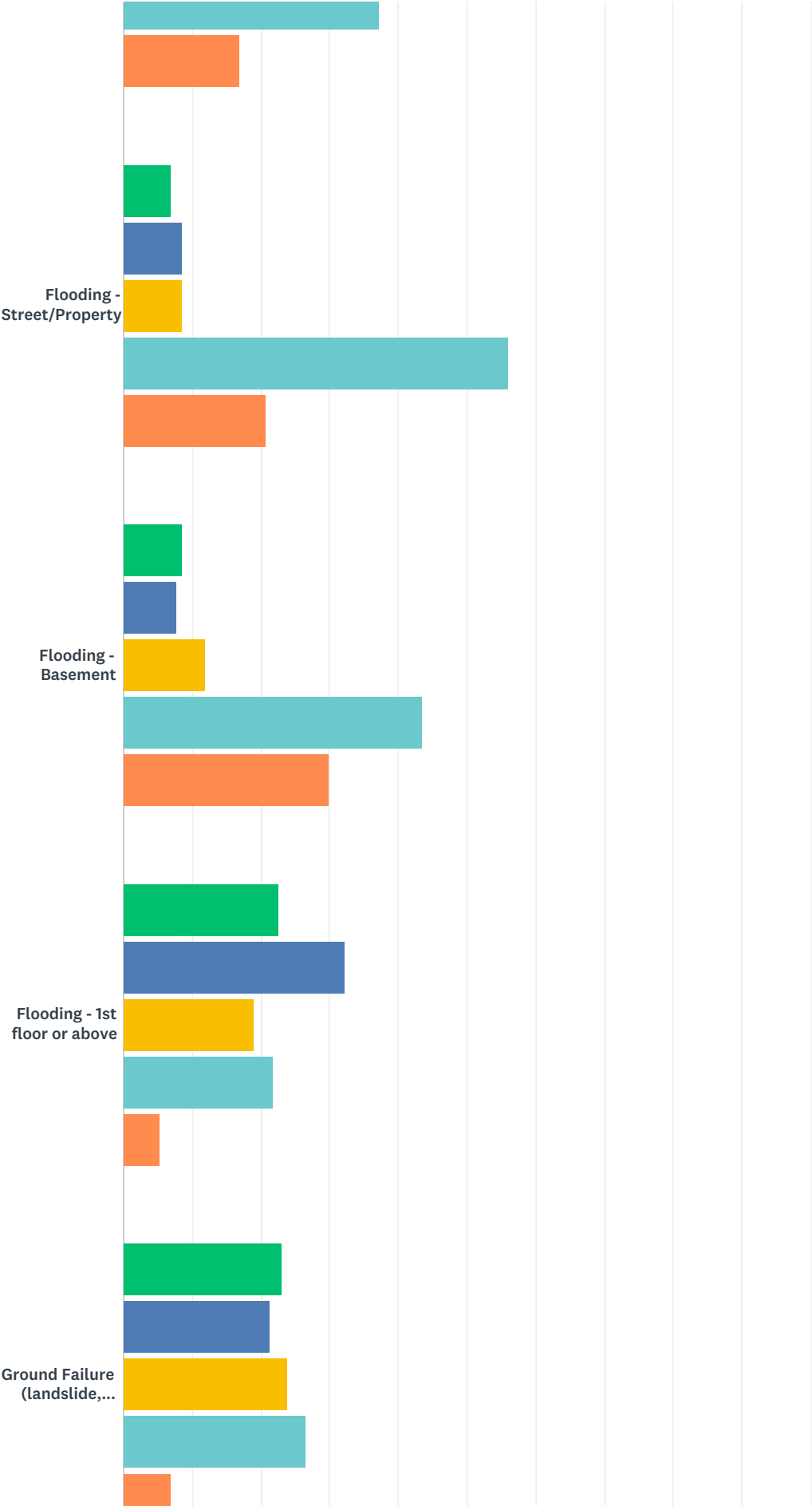
5	hurricane	10/8/2018 11:52 AM
6	Ice storm in Jefferson County	9/25/2018 9:52 PM
7	None	9/14/2018 3:12 PM

Q3 How concerned are you about the following natural disasters affecting Onondaga County? Check the corresponding box for each hazard.

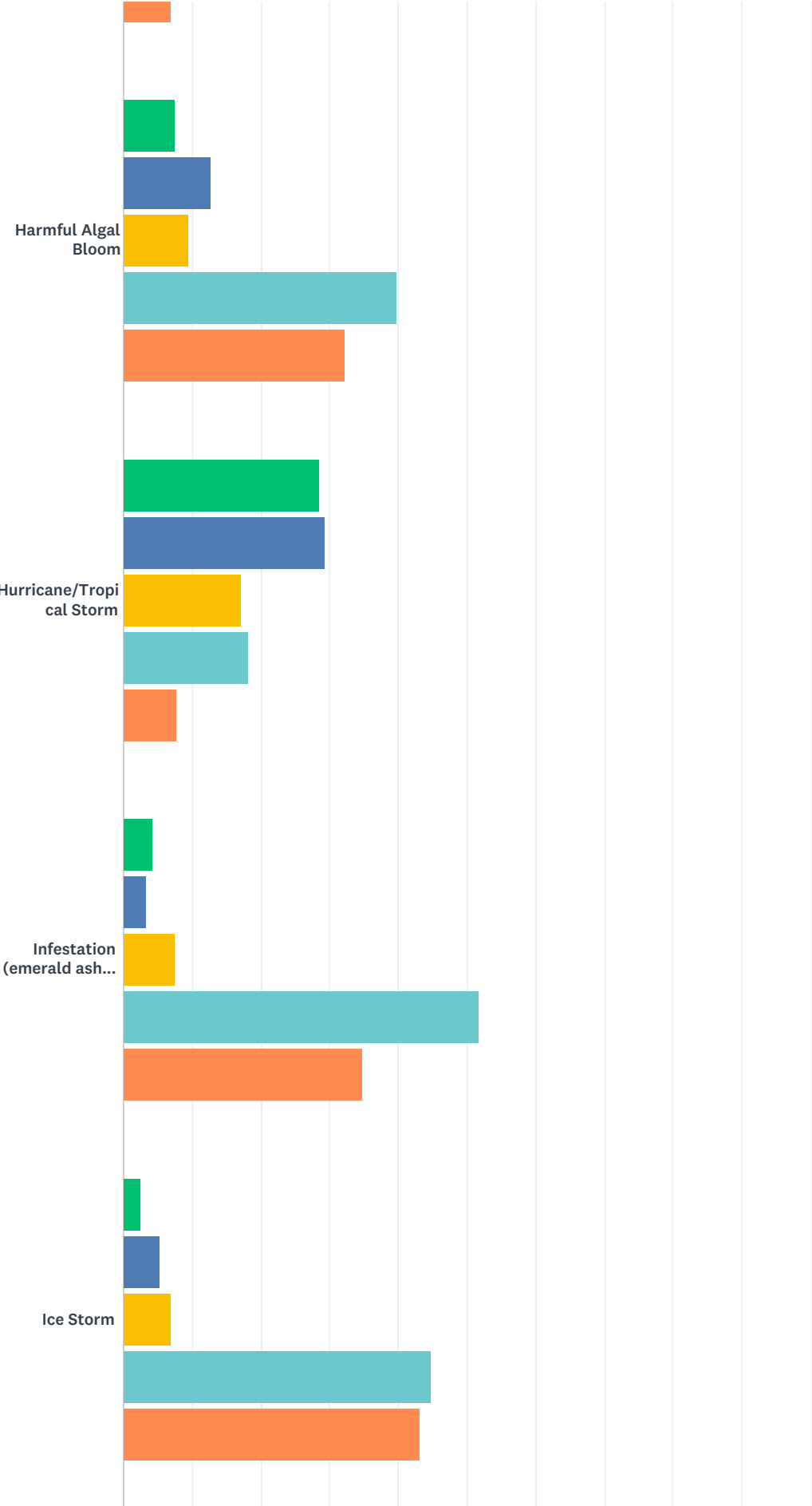
Answered: 118 Skipped: 1



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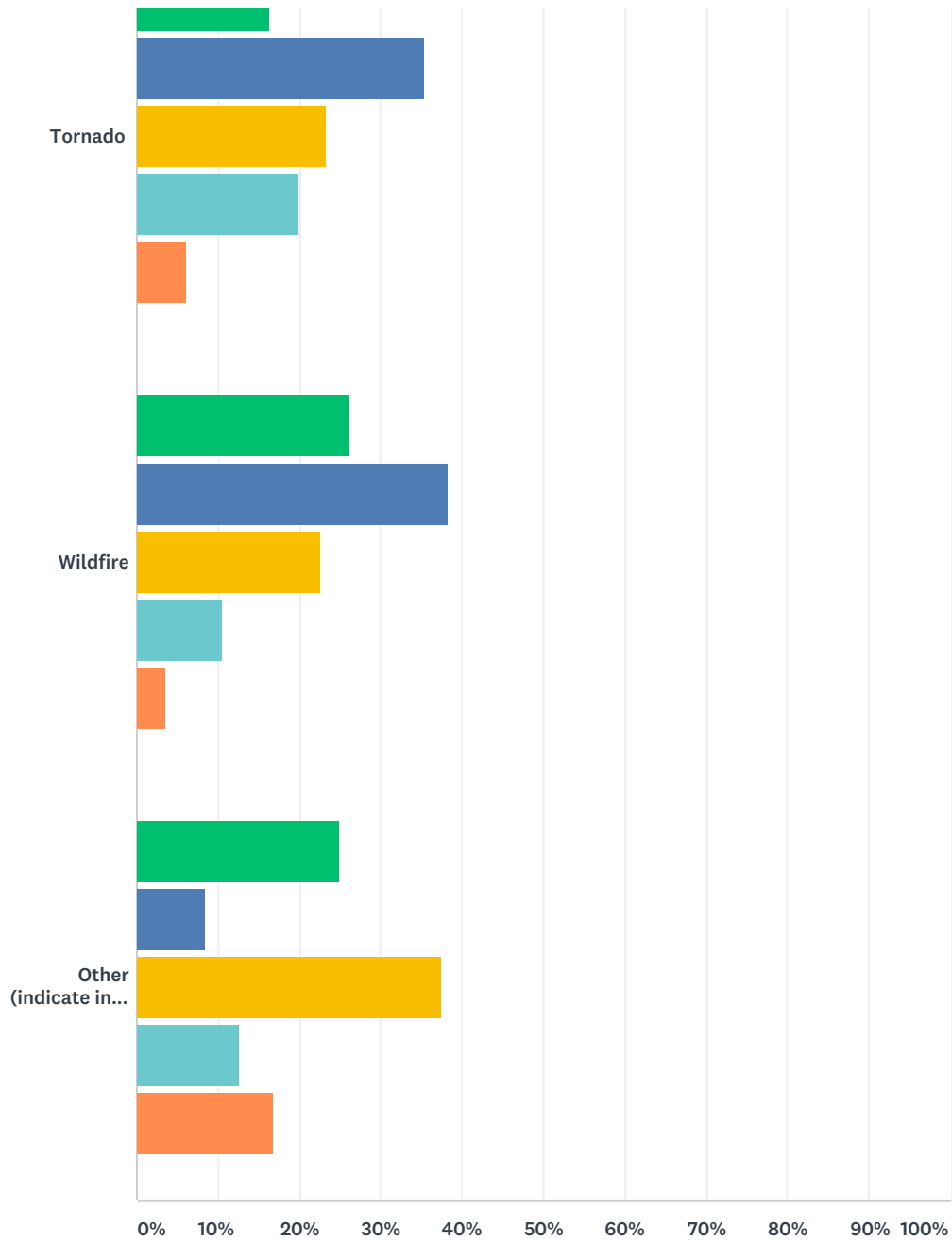
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■ Not Concerned
 ■ Not Very Concerned
 ■ Neutral
■ Somewhat Concerned
 ■ Very Concerned

	NOT CONCERNED	NOT VERY CONCERNED	NEUTRAL	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL RESPONDENTS
Climate Change	16.95% 20	11.02% 13	8.47% 10	33.90% 40	32.20% 38	118
Drought	17.80% 21	24.58% 29	13.56% 16	36.44% 43	10.17% 12	118
Earthquake	37.61% 44	37.61% 44	15.38% 18	7.69% 9	1.71% 2	117
Extreme Temperatures	14.41% 17	13.56% 16	18.64% 22	37.29% 44	16.95% 20	118

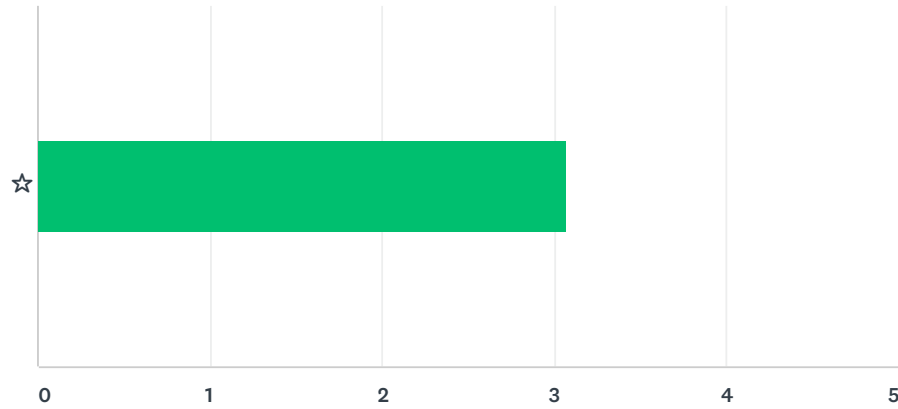
Onondaga County Hazard Mitigation Plan Update - Citizen Survey

Flooding - Street/Property	6.90% 8	8.62% 10	8.62% 10	56.03% 65	20.69% 24	116
Flooding - Basement	8.55% 10	7.69% 9	11.97% 14	43.59% 51	29.91% 35	117
Flooding - 1st floor or above	22.61% 26	32.17% 37	19.13% 22	21.74% 25	5.22% 6	115
Ground Failure (landslide, sinkholes)	23.08% 27	21.37% 25	23.93% 28	26.50% 31	6.84% 8	117
Harmful Algal Bloom	7.63% 9	12.71% 15	9.32% 11	39.83% 47	32.20% 38	118
Hurricane/Tropical Storm	28.45% 33	29.31% 34	17.24% 20	18.10% 21	7.76% 9	116
Infestation (emerald ash borer, hemlock wooly adelgid, ticks)	4.24% 5	3.39% 4	7.63% 9	51.69% 61	34.75% 41	118
Ice Storm	2.59% 3	5.17% 6	6.90% 8	44.83% 52	43.10% 50	116
Nor'Easter	2.56% 3	5.98% 7	15.38% 18	41.03% 48	35.90% 42	117
Severe Storm (wind, lightning, hail)	1.74% 2	8.70% 10	9.57% 11	50.43% 58	30.43% 35	115
Severe Winter Storms (blizzard, heavy snow, ice)	5.13% 6	7.69% 9	5.13% 6	41.03% 48	42.74% 50	117
Streambank Erosion	13.79% 16	18.10% 21	26.72% 31	32.76% 38	9.48% 11	116
Tornado	16.38% 19	35.34% 41	23.28% 27	19.83% 23	6.03% 7	116
Wildfire	26.09% 30	38.26% 44	22.61% 26	10.43% 12	3.48% 4	115
Other (indicate in comment box below)	25.00% 6	8.33% 2	37.50% 9	12.50% 3	16.67% 4	24

#	OTHER (PLEASE SPECIFY)	DATE
1	Volcanic Eruption of the Yellowstone Caldera	12/13/2018 12:18 PM
2	property owners failure to perform preventative maintaince of trees and other vegation	11/4/2018 1:42 PM
3	My back yard floods all the time and so do alot of other back yards. I am concerned that I can only use my back yard for a literal pool and also concerned that the water is affecting the foundation of my home	10/26/2018 10:34 AM
4	Failure of nuclear reactor in Oswego	10/23/2018 2:03 PM
5	terrorist attack on public utilities, water distribution	10/5/2018 11:37 AM
6	WINTER COMMUTE TO AND FROM JOBS	10/5/2018 11:17 AM
7	Bridge failure	9/26/2018 6:56 AM
8	Power failure	9/25/2018 9:13 PM
9	GOP let systematic destruction of our environment	9/25/2018 4:00 PM
10	Brown Marmorated stink bugs are becoming a pervasive nuisance 10 out of 12 months/year	9/17/2018 3:00 PM
11	civil disorder, rioting, gang activity	9/14/2018 3:10 PM

Q4 Please rank how prepared you feel and your household are for natural disaster events likely to occur within your community. Rank on a scale of 1 to 5, with 5 representing the most prepared.

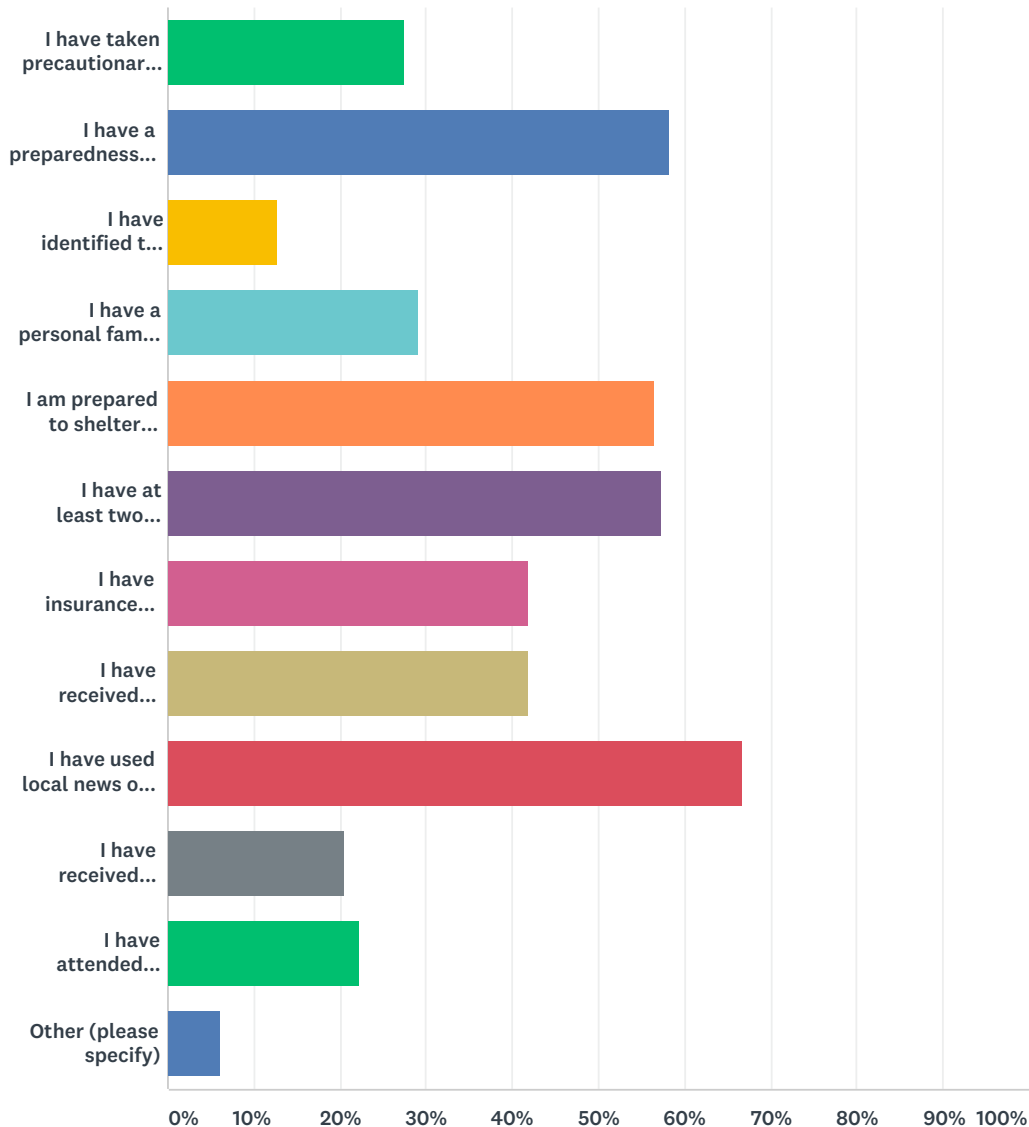
Answered: 115 Skipped: 4



	1 (LEAST)	2	3	4	5 (MOST)	TOTAL	WEIGHTED AVERAGE
☆	2.61% 3	20.87% 24	48.70% 56	23.48% 27	4.35% 5	115	3.06

Q5 In what ways do you believe you are prepared for a natural disaster that may occur within your community? Please check all that apply.

Answered: 117 Skipped: 2



ANSWER CHOICES	RESPONSES	
I have taken precautionary measures to protect my property through retrofits or when constructed	27.35%	32
I have a preparedness kit containing basic supplies and materials for my family and myself	58.12%	68
I have identified the location of the nearest severe weather shelter	12.82%	15
I have a personal family emergency preparedness plan, and have discussed it with my family and others for whom I have responsibility	29.06%	34
I am prepared to shelter in-place if that is the best available option	56.41%	66
I have at least two methods for receiving emergency notifications and other critical information during severe weather or other potential emergency situations	57.26%	67

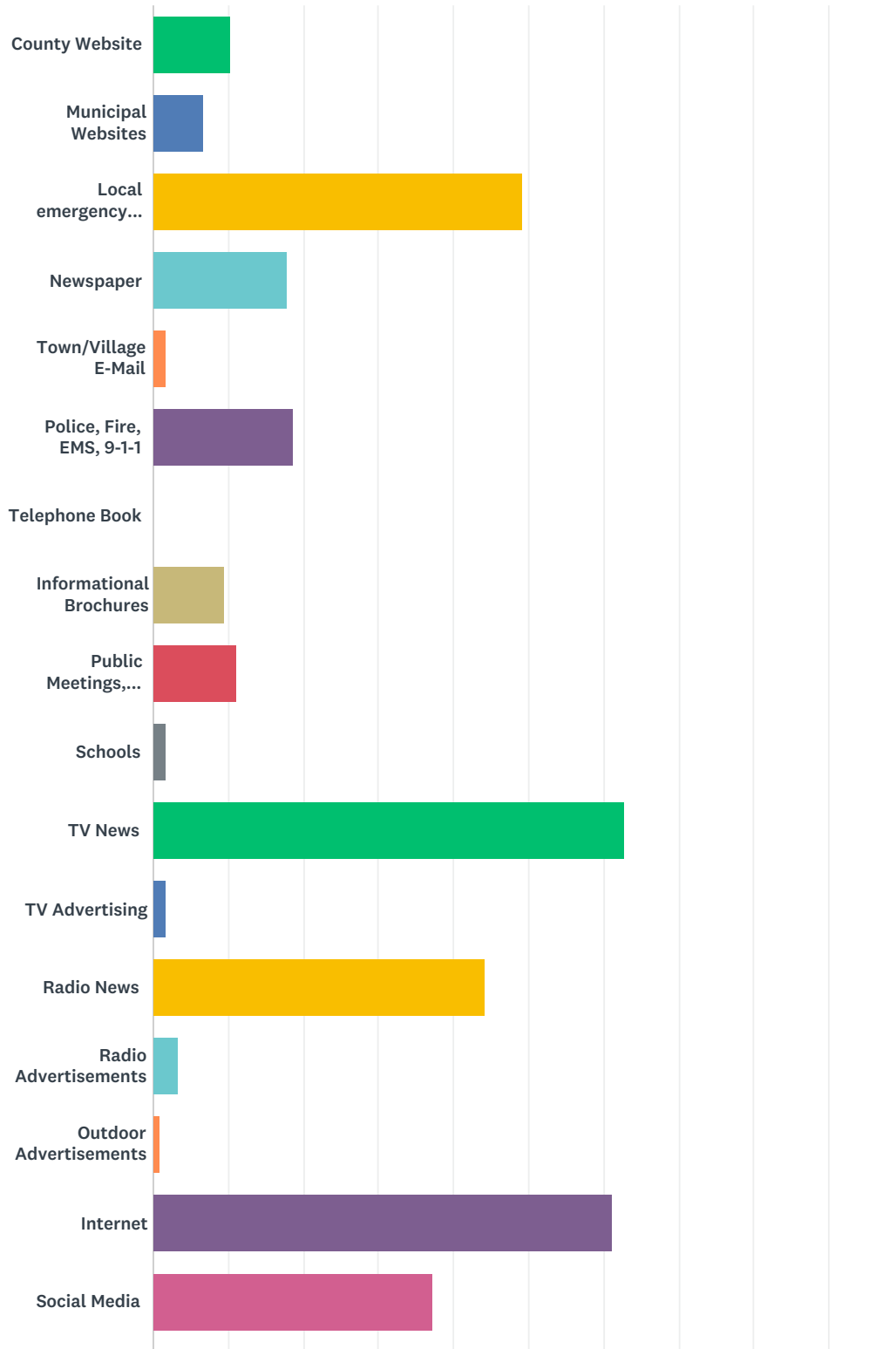
Onondaga County Hazard Mitigation Plan Update - Citizen Survey

I have insurance policies to cover losses from specific risks (e.g. flood insurance)	41.88%	49
I have received emergency preparedness information from a government source (e.g., federal, state, or local emergency management)	41.88%	49
I have used local news or other media to obtain information	66.67%	78
I have received information from schools and other academic institutions	20.51%	24
I have attended meetings that have dealt with disaster preparedness	22.22%	26
Other (please specify)	5.98%	7
Total Respondents: 117		

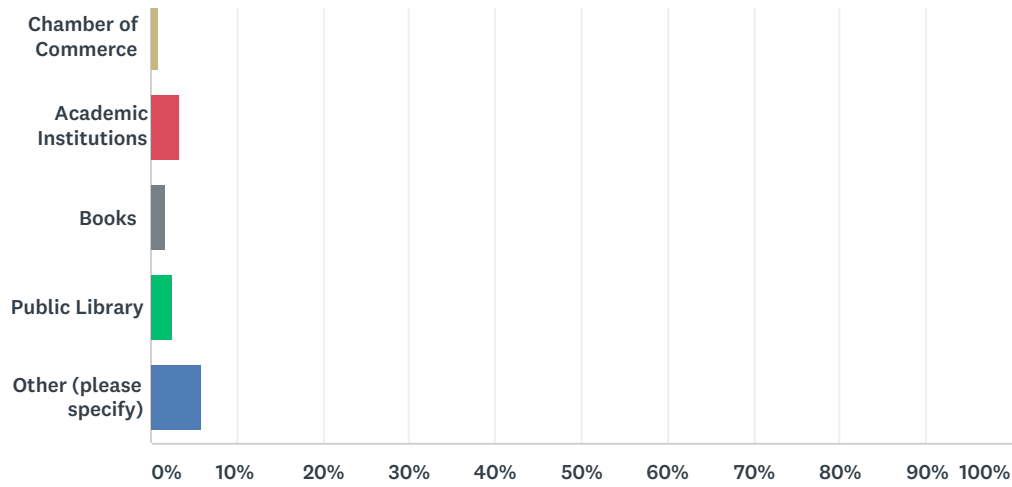
#	OTHER (PLEASE SPECIFY)	DATE
1	Able to heat and light my house without electricity, I also have extra food on hand.	11/13/2018 1:42 PM
2	personal experience in past	11/4/2018 1:42 PM
3	I am not at all prepared	10/26/2018 10:34 AM
4	none of above	10/23/2018 2:03 PM
5	I am not prepared.	10/8/2018 10:30 AM
6	WE NEED BETTER WINTER ROAD CLEARANCE	10/5/2018 11:17 AM
7	Have been in fire dept for 5 years and had disaster training	9/25/2018 9:13 PM

Q6 How do you receive your information concerning a disaster? Of the information sources below, please identify the top three (3) that are MOST EFFECTIVE in providing you with information to make your home safer and better able to withstand the impact of disaster events.

Answered: 118 Skipped: 1



Onondaga County Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES	
County Website	10.17%	12
Municipal Websites	6.78%	8
Local emergency management venues/alert systems (i.e. Hyper-Reach)	49.15%	58
Newspaper	17.80%	21
Town/Village E-Mail	1.69%	2
Police, Fire, EMS, 9-1-1	18.64%	22
Telephone Book	0.00%	0
Informational Brochures	9.32%	11
Public Meetings, Workshops, Public Awareness Events	11.02%	13
Schools	1.69%	2
TV News	62.71%	74
TV Advertising	1.69%	2
Radio News	44.07%	52
Radio Advertisements	3.39%	4
Outdoor Advertisements	0.85%	1
Internet	61.02%	72
Social Media	37.29%	44
Chamber of Commerce	0.85%	1
Academic Institutions	3.39%	4
Books	1.69%	2
Public Library	2.54%	3
Other (please specify)	5.93%	7
Total Respondents: 118		

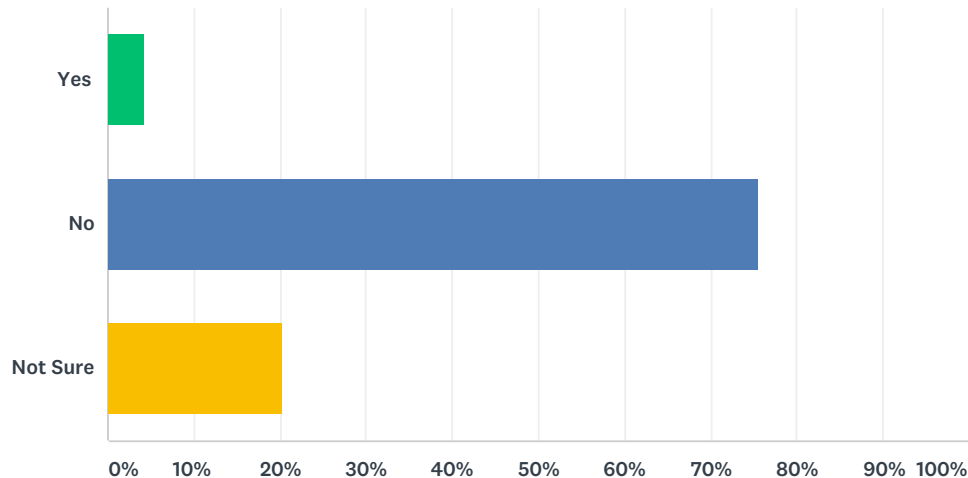
#	OTHER (PLEASE SPECIFY)	DATE
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Onondaga County Hazard Mitigation Plan Update - Citizen Survey

1	FEMA App	1/4/2019 6:34 PM
2	Text Message	11/13/2018 2:15 PM
3	NOAA Radio Broadcast (severe weather events)	11/13/2018 1:42 PM
4	land line phone	11/4/2018 1:42 PM
5	Text alerts	10/8/2018 10:01 AM
6	WORD OF MOUTH	10/5/2018 11:17 AM
7	NY-Alert	9/17/2018 3:00 PM

Q7 To the best of your knowledge, is your property located in a designated floodplain? If you do not know, or are not sure, please check the following websites:- FEMA: <https://www.floodsmart.gov> - FEMA: <https://msc.fema.gov> Google Earth users can install the FEMA NFIP flood delineations by going to: <https://hazards.fema.gov/femaportal/wps/portal/NFHLWMSkmzdownload>

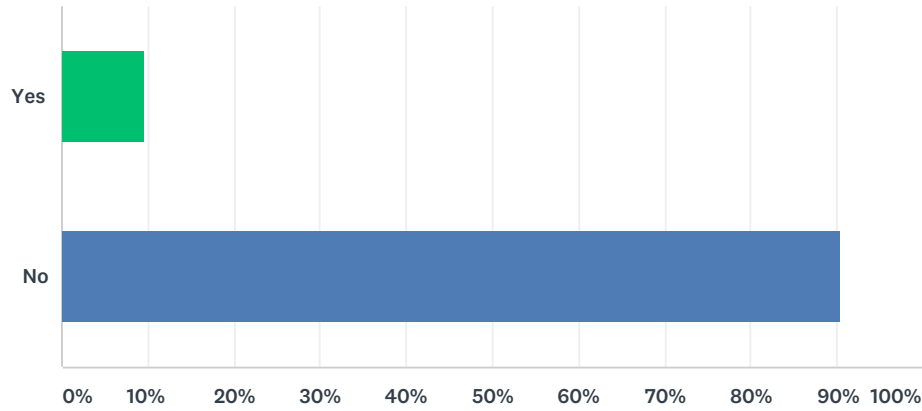
Answered: 118 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	4.24%	5
No	75.42%	89
Not Sure	20.34%	24
TOTAL		118

Q8 Do you have flood insurance?

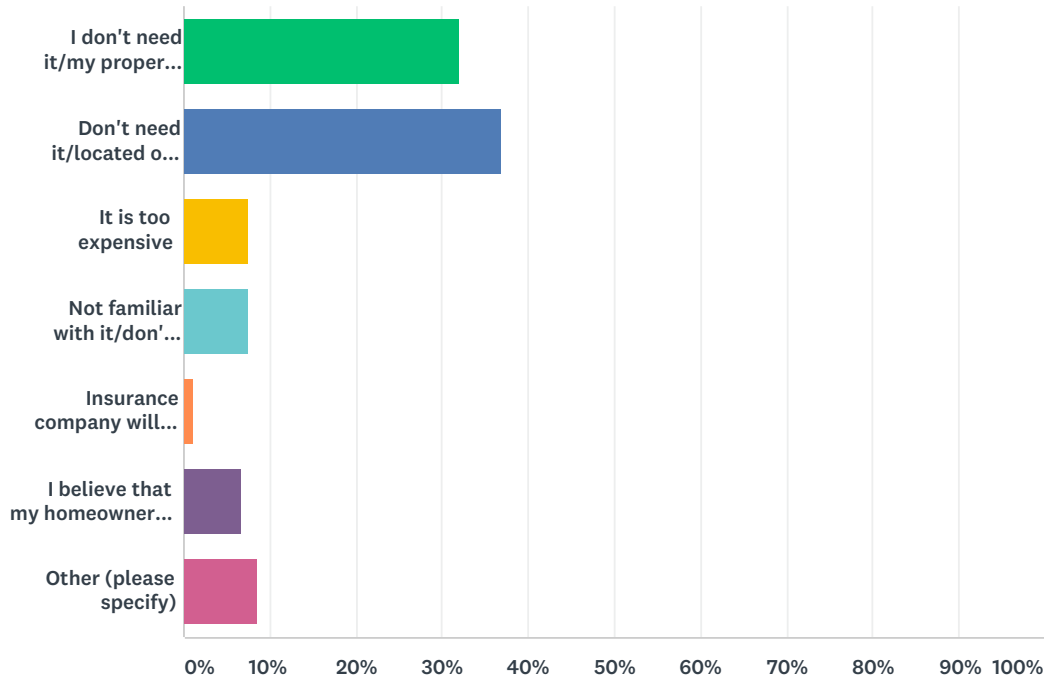
Answered: 115 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	9.57%	11
No	90.43%	104
TOTAL		115

Q9 If you do NOT have flood insurance, what is the primary reason?

Answered: 106 Skipped: 13

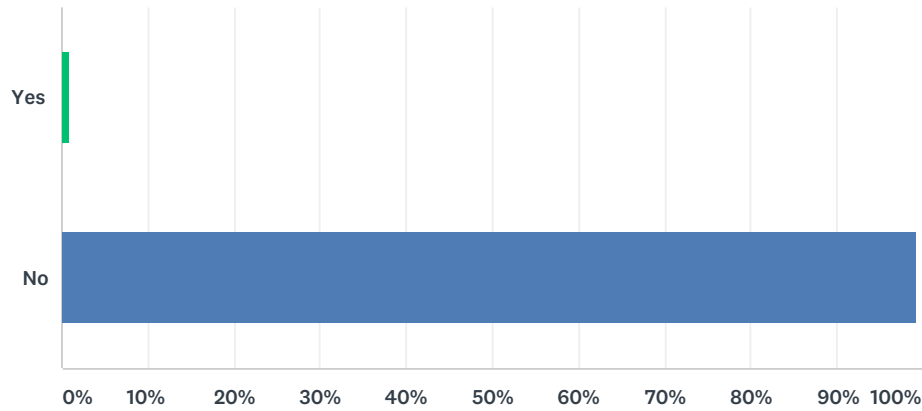


ANSWER CHOICES	RESPONSES	
I don't need it/my property has never flooded	32.08%	34
Don't need it/located on high ground	36.79%	39
It is too expensive	7.55%	8
Not familiar with it/don't know about it	7.55%	8
Insurance company will not provide	0.94%	1
I believe that my homeowners insurance will cover me	6.60%	7
Other (please specify)	8.49%	9
TOTAL		106

#	OTHER (PLEASE SPECIFY)	DATE
1	not in a flood plain	12/13/2018 10:41 AM
2	I have insurance	10/26/2018 10:34 AM
3	I'm a renter.	10/21/2018 4:43 PM
4	My agent did not recommend it	10/15/2018 2:40 PM
5	I'm not sure why	10/10/2018 12:22 PM
6	We have flood insurance.	10/8/2018 9:56 AM
7	I'm in an apartment. It is insured.	10/5/2018 3:38 PM
8	I am not a homeowner. I have rental insurance for my belongings.	10/1/2018 3:57 PM
9	Did not think I needed it	9/27/2018 8:34 AM

Q10 Do you or did you have problems getting homeowners/renters insurance due to risks from natural hazards?

Answered: 112 Skipped: 7



ANSWER CHOICES	RESPONSES	
Yes	0.89%	1
No	99.11%	111
TOTAL		112

Q11 If you answered "Yes" to the previous question, please identify the natural hazard risk that caused you to have problems obtaining homeowners/renters insurance.

Answered: 7 Skipped: 112

#	RESPONSES	DATE
1	Na	10/26/2018 10:34 AM
2	N/A	10/19/2018 2:20 AM
3	n/a	10/18/2018 11:53 AM
4	Flood, ground erosion settling	10/8/2018 4:10 PM
5	NA	10/5/2018 1:20 PM
6	I didnt	9/25/2018 4:00 PM
7	N/a	9/14/2018 3:13 PM

Q12 What areas in Onondaga County are most likely to be effected by a natural disaster? Please list street names and other specific identifiers, if possible. For example, Interstate 81 near LaFayette floods during periods of heavy rain; Jordan Street in Skaneateles has many trees and prone to downed trees and closed roads during high wind events.

Answered: 59 Skipped: 60

#	RESPONSES	DATE
1	East side of Syracuse where the power lines run through the back yards, not on the street, and are covered with tree branches.	1/19/2019 8:39 AM
2	Flood- Beach Rd, Cicero; Rt 298, Cicero; several areas of DeWitt HABs - Skaneateles Lake and areas getting their drinking water from the lake (Syracuse, areas of DeWitt, Jordan/Elbridge)	12/14/2018 3:19 PM
3	Hiawatha Blvd & Erie Blvd	12/14/2018 11:16 AM
4	Flooding in urbanized areas. Landslides in the southern part of the County.	12/13/2018 12:21 PM
5	stream banks	12/13/2018 11:09 AM
6	Skaneateles Lake algae bloom	12/12/2018 5:39 PM
7	Green area in clairmont neighborhood in Liverpool has a high concentration of ash trees that are dying causing concern. In addition, flooding occurs regularly in this area due to ground settlement below drain grade and causes basement and property flooding.	11/23/2018 8:37 PM
8	Wouldn't know. New to Onondaga County	11/19/2018 2:06 PM
9	Route 81 between LaFayette and Tully extremely slippery during winter weather conditions. It's hard to see driving on Lake Road in Tully from Long Road when the sun is coming up. Lots of blind corners and a lot of people run/walk on that road anyway. Sidewalks or trails for runners might increase the safety in this area for both pedestrians and drivers.	11/13/2018 2:21 PM
10	-I-90 in Manlius, where it crosses Chittenango, Limestone, Butternut creeks -Baldwinsville: Seneca River Lock -Rt. 174 between Camillus & Marcellus -Otisco Lake - Rice Brook -Gulf Road (Town of Pompey) - has already washed before	11/13/2018 2:02 PM
11	Onondaga Lake Parkway in Liverpool floods during heavy rain events. Willet Parkway in Baldwinsville floods during heavy rain events	11/13/2018 11:00 AM
12	Village of East Syracuse has many mature trees and prone to down trees and closed roads during high winds. Village of Fayetteville, F-M road has many mature trees along road ways. Kirkville Rd has flooding during heavy rain and spring thaws	11/4/2018 1:55 PM
13	Flood plains and areas prone to mudslides.	10/29/2018 5:50 PM
14	Mosher st and dausman in East Syracuse. Interstate 81 has had floods but the two streets mentioned above have had massive floods	10/26/2018 10:41 AM
15	Unsure	10/19/2018 2:22 AM
16	not sure	10/18/2018 11:59 AM
17	town of camillus	10/17/2018 12:22 PM
18	northeastern corner of onondaga county is prone to flooding	10/17/2018 12:16 PM
19	Treed municipalities - Creekside property along 9 Mile and Skaneateles	10/15/2018 2:43 PM
20	Downtown Syracuse with extreme snow or flooding.	10/10/2018 12:28 PM
21	Not sure off the top of my head	10/10/2018 11:46 AM
22	?	10/9/2018 2:42 PM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

23	Clay and Liverpool NY and other areas near lakes and rivers... or swampy land where there is high residential buildup near lakes, rivers, swamps.	10/8/2018 4:13 PM
24	Hiawatha boulevard floods each time we have heavy rains. West vale has a lot of large trees that are prone to downed limbs	10/8/2018 2:11 PM
25	Onondaga lake Park - seasonal flooding, flooding, windstorms	10/8/2018 1:11 PM
26	not known	10/8/2018 12:15 PM
27	Interstate 81 near LaFayette and Tully floods during periods of heavy rain. Also, same area due to blowing and drifting snow in wintertime.	10/8/2018 11:36 AM
28	I don't know	10/8/2018 10:45 AM
29	Not sure.	10/8/2018 10:22 AM
30	Interstate 81	10/8/2018 10:06 AM
31	81 south	10/8/2018 10:05 AM
32	81 south in the city	10/8/2018 10:01 AM
33	in syracuse, Lodi street as it passes under 690	10/5/2018 1:28 PM
34	portions of Broad Road (Town of Onondaga) floods during heavy rains and spring thaws... causing flooding on and within properties immediately downhill. Routinely maintaining the drainage system would mitigate the damage.	10/5/2018 1:20 PM
35	onondaga lake park	10/5/2018 12:32 PM
36	ALL ROADS AND HIGHWAYS ARE TOO ICY IN WINTER AS EVIDENT IN THE DEATH OF A WOMAN ON ONONDAGA LAKE PARKWAY LAST YEAR	10/5/2018 11:25 AM
37	rattlesnake gultch	10/4/2018 12:59 PM
38	shoreline properties, areas with above ground powerlines, skan lake drinking water users, steeply sloped areas	10/3/2018 10:17 AM
39	Flooding in lower lying streets like W. Fayette Street between Magnolia Street and S Geddes Street in Syracuse.	10/1/2018 4:08 PM
40	Onondaga Creek neighborhoods, low lying areas near Kirkville,Oneida Lake	10/1/2018 3:09 PM
41	Areas surrounding Onondaga Creek	10/1/2018 3:02 PM
42	My former address in Mattydale had many trees with tree limbs frequently falling.	9/27/2018 8:41 AM
43	State Fair Blvd. Geddes	9/26/2018 7:00 AM
44	State Fair Blvd. west of the fair grounds, 690. Flooding	9/25/2018 9:59 PM
45	city county roads leading to downtown hospitals not often well plowed during snowstorms	9/25/2018 5:42 PM
46	Not sure	9/25/2018 4:28 PM
47	West genesee st from dntn to westvale Erie Blvd and fayette near geddes cross section	9/25/2018 12:43 PM
48	Not sure	9/22/2018 5:02 PM
49	Flooding in Rattlesnake Gultch area. Flooding on Butternut Drive in Town of DeWitt.	9/18/2018 8:26 PM
50	Water supply HABs	9/18/2018 7:02 AM
51	Rattlesnake gulch area always floods. I81 from Downtown to Destiny in Flash Flooding. South of the city in heavy winds	9/17/2018 5:29 PM
52	Portions of the West Side near Onondaga Creek is subject to flooding. WWTP are susceptible to bypass flows and undertreating sanitary influent. CSOs are more frequent during wet weather and snowmelt events in downtown Syracuse.	9/17/2018 3:12 PM
53	Southern part of the county	9/17/2018 6:15 AM
54	large trees Village of Balfdwinsville	9/14/2018 3:42 PM
55	Points along Seneca River - flooding, Chaucer Circle - street flooding due to storm drain overflow, Genesee Street, Oswego Street, Oneida Street, Syracuse Street Baldwinsville - trees, Smokey Hollow Road - flooding, radio/cell tower collapse.	9/14/2018 3:22 PM

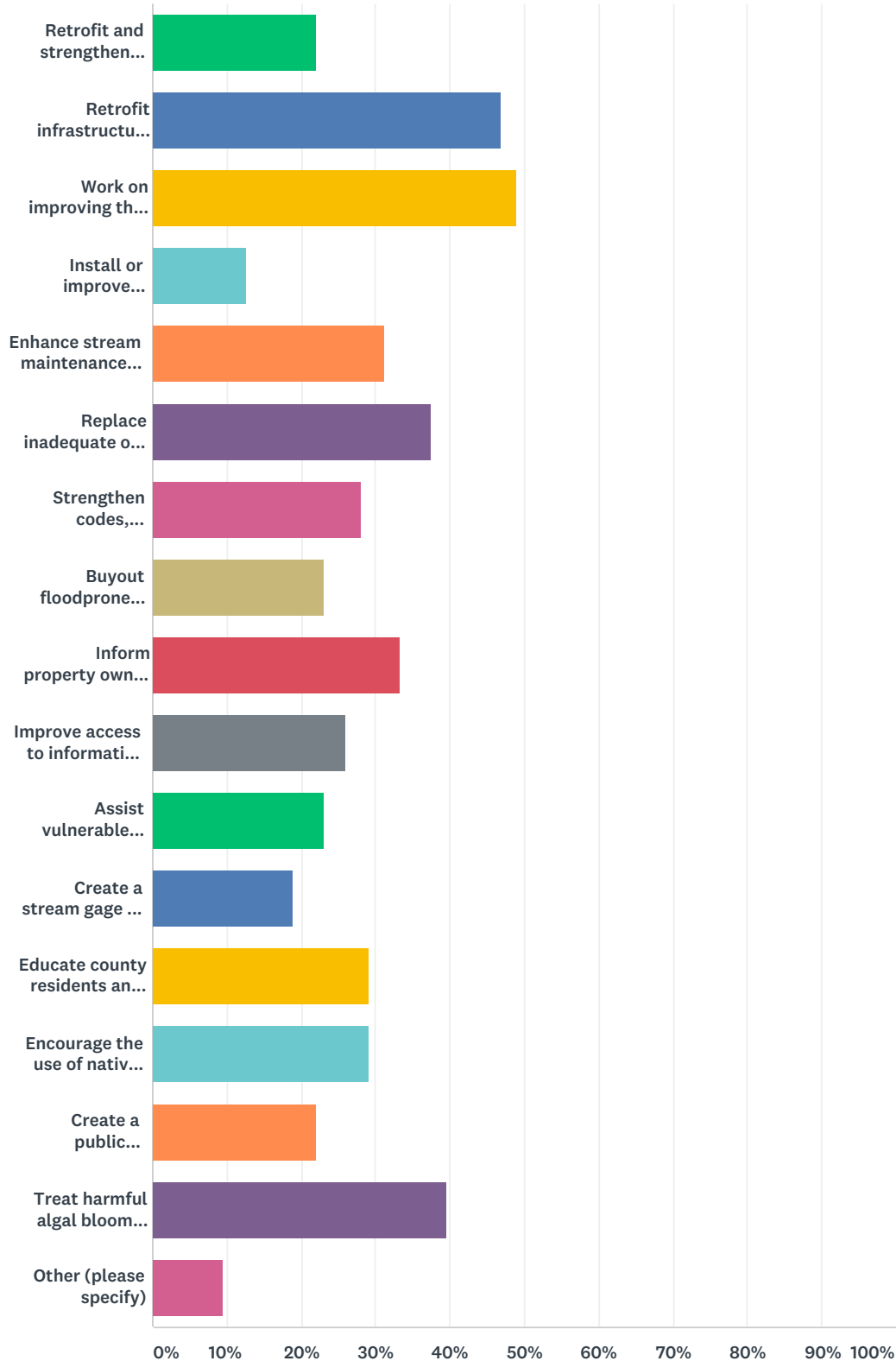
Onondaga County Hazard Mitigation Plan Update - Citizen Survey

56	city of Syracuse. Old trees.	9/14/2018 3:15 PM
57	Streets in syracuse become impassable during heavy snowstorms	9/14/2018 3:10 PM
58	Villages and Townships that exist low lying areas that have streams running through them	9/14/2018 2:46 PM
59	When it comes down to it, all areas of the county have a vulnerability.	9/13/2018 7:05 AM

Q13 What types of projects do you believe Local, County, State, or Federal Government agencies could be doing to reduce the damage and disruption of disasters in Onondaga County? Select your top three choices.

Answered: 96 Skipped: 23

Onondaga County Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES	
Retrofit and strengthen essential facilities such as police, schools, and hospitals	21.88%	21
Retrofit infrastructure, such as elevating roadways and improving drainage systems	46.88%	45
Work on improving the damage resistance of utilities (electricity, communications, water/wastewater facilities etc.)	48.96%	47

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

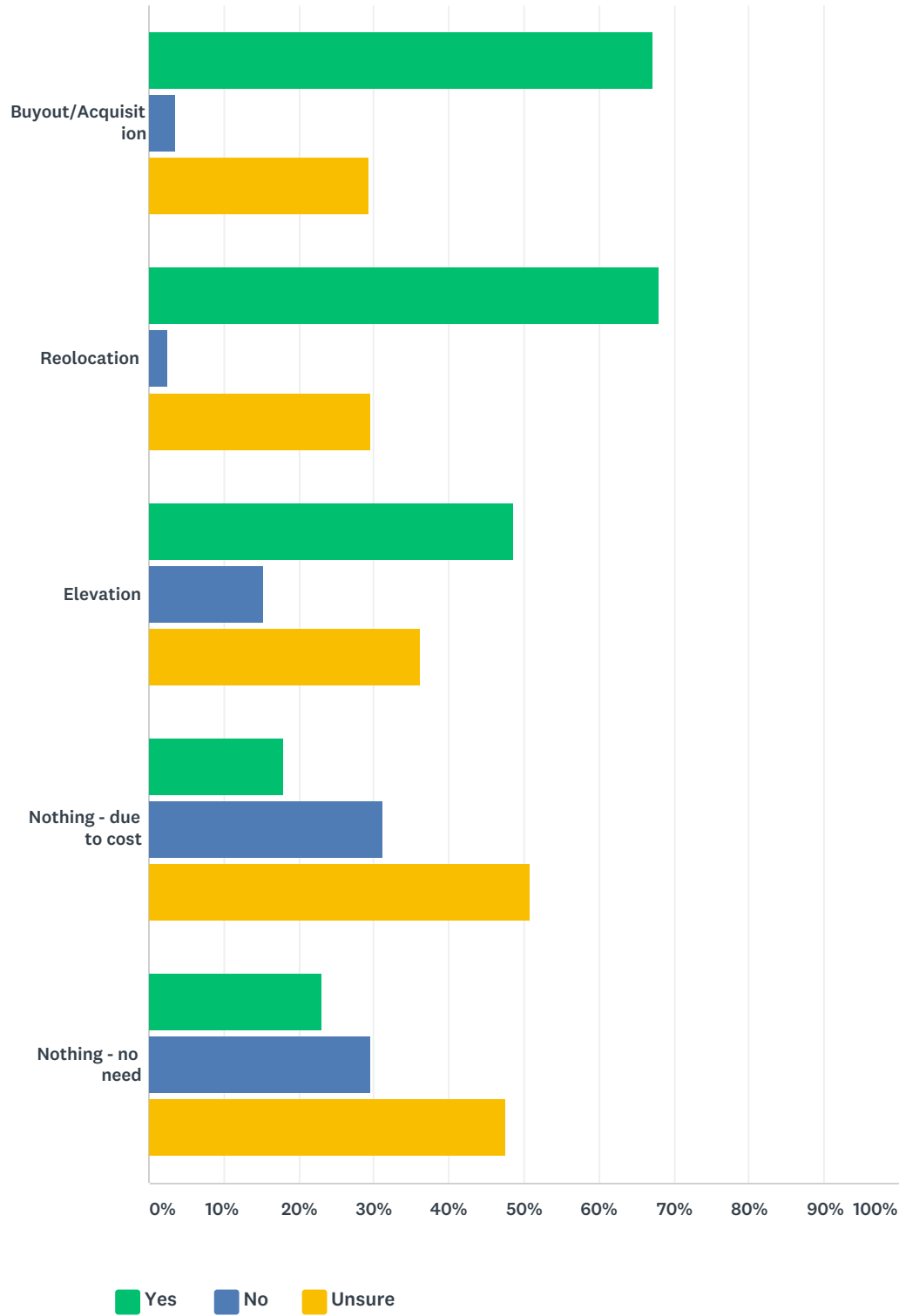
Install or improve protective structures, such as floodwalls, levees, bulkheads, and firebreaks	12.50%	12
Enhance stream maintenance programs/projects	31.25%	30
Replace inadequate or vulnerable bridges and causeways	37.50%	36
Strengthen codes, ordinances and plans to require higher hazard risk management standards and/or provide greater control over development in high hazard areas	28.13%	27
Buyout floodprone properties and maintain as open space	22.92%	22
Inform property owners of ways they can mitigate damage to their properties	33.33%	32
Improve access to information about hazard risks and high-hazard areas	26.04%	25
Assist vulnerable property owners with securing funding to mitigate their properties	22.92%	22
Create a stream gage and weather monitoring program to provide more accurate data and warnings	18.75%	18
Educate county residents and staff about invasive species before they become established to help prevent problems	29.17%	28
Encourage the use of native plant species by residents and county agencies	29.17%	28
Create a public education program regarding harmful algal bloom	21.88%	21
Treat harmful algal bloom before it enters the larger lake systems	39.58%	38
Other (please specify)	9.38%	9
Total Respondents: 96		

#	OTHER (PLEASE SPECIFY)	DATE
1	We need tree ordinances so that unsafe trees on private property will be removed before they haem peopel who own them and adjoining properties	11/5/2018 12:52 PM
2	Remove Hazardous trees from private property that homeowners refuse to take down. Create a right tree/ right place program for residential areas in the county.	11/4/2018 1:55 PM
3	Do the drainage system the county was going to do in the past but didn't because years ago some home owners said no. Have the choice for each homeowner if the town wants to dig in the back yard.	10/26/2018 10:41 AM
4	close down nuclear reactor in Oswego	10/23/2018 2:08 PM
5	not really sure as their information is held "close to their vest" no real citizen participation as we are considered un qualified to assess (which is incorrect)	10/17/2018 12:22 PM
6	too many choices	10/15/2018 2:43 PM
7	Plant many trees	10/8/2018 9:52 AM
8	KEEP THE ROADS CLEAR AND SAFE IN WINTER	10/5/2018 11:25 AM
9	upgrade water and sanitary sewer lines.	9/14/2018 3:15 PM

Q14 If your property were located in a designated high-hazard area (for example, NFIP flood zone) or had received repeated damages from a natural disaster event, would you consider any of the following options? If your response is dependent on certain factors, such as the funding source, please indicate those factors in the following question.

Answered: 90 Skipped: 29

Onondaga County Hazard Mitigation Plan Update - Citizen Survey



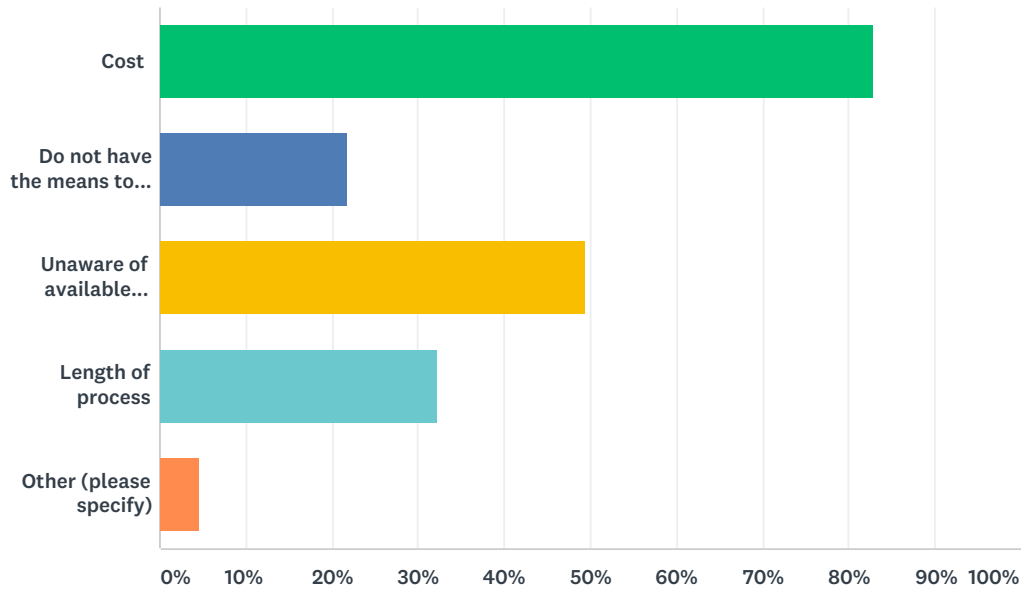
	YES	NO	UNSURE	TOTAL
Buyout/Acquisition	67.07% 55	3.66% 3	29.27% 24	82
Relocation	67.95% 53	2.56% 2	29.49% 23	78
Elevation	48.61% 35	15.28% 11	36.11% 26	72
Nothing - due to cost	18.03% 11	31.15% 19	50.82% 31	61

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

Nothing - no need	22.95% 14	29.51% 18	47.54% 29	61
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Q15 Please select the factor(s) that would influence your decision on the options listed above (buyout/acquisition, relocation, or elevation).

Answered: 87 Skipped: 32



ANSWER CHOICES	RESPONSES	
Cost	82.76%	72
Do not have the means to move/relocate	21.84%	19
Unaware of available programs	49.43%	43
Length of process	32.18%	28
Other (please specify)	4.60%	4
Total Respondents: 87		

#	OTHER (PLEASE SPECIFY)	DATE
1	I like to consider all options, when appropriate	10/18/2018 11:59 AM
2	How would I be able to offset my mortgage?	10/9/2018 10:22 AM
3	Unsure.	10/8/2018 10:22 AM
4	desirability of solution, effect on property value, livability, depends on intensity of threat	10/3/2018 10:17 AM

Q16 If you have already had to spend money to mitigate your property, how much have you spent and on what measures?

Answered: 29 Skipped: 90

#	RESPONSES	DATE
1	\$2,000, drainage and grading.	12/20/2018 3:27 PM
2	Flood control - drainage infrastructure and grading \$10K	12/14/2018 3:19 PM
3	N/A	11/13/2018 2:02 PM
4	under \$10,000. Tree maintainece, Gutters to remove water away from house.	11/4/2018 1:55 PM
5	N/A	10/29/2018 5:50 PM
6	14,000 for dry basement. And hundreds trying to make yard not look like a lake.	10/26/2018 10:41 AM
7	N/A	10/19/2018 2:22 AM
8	weather sealing	10/18/2018 11:59 AM
9	electrical generator 600\$	10/17/2018 12:22 PM
10	I dont know	10/10/2018 12:28 PM
11	0	10/10/2018 11:46 AM
12	NA	10/9/2018 2:42 PM
13	0	10/9/2018 9:41 AM
14	Over \$15,000	10/8/2018 4:13 PM
15	0	10/8/2018 12:15 PM
16	N/A	10/8/2018 11:36 AM
17	\$3,000 - basement flooded (carpet replacement, furniture)	10/8/2018 11:24 AM
18	n/a	10/8/2018 10:45 AM
19	The measures included tree removal/garage roof repair. Also, drain from driveway to basement redone (the drain was grandfathered in).	10/8/2018 10:22 AM
20	na	10/5/2018 1:28 PM
21	n/a	10/1/2018 4:08 PM
22	0	10/1/2018 3:02 PM
23	\$8,000 deepen improvements	9/28/2018 7:31 AM
24	large trees fell and foundation cracked, now water gets in the basement	9/27/2018 8:41 AM
25	5,000.00 dollars on drainage	9/26/2018 7:00 AM
26	upgrade to roofing, radon system for home	9/25/2018 5:42 PM
27	O	9/18/2018 8:26 PM
28	Higher hp sump pump and redirect discharge to environment to reduce I/I to local WWTP. Cost = \$1300.	9/17/2018 3:12 PM
29	No	9/17/2018 6:15 AM

Q17 Which (if any) incentives would motivate you to spend money on protecting your home from the possible impacts of a disaster? Such as lower interest rates, grant funding, waivers, etc.

Answered: 64 Skipped: 55

#	RESPONSES	DATE
1	grant funding	1/20/2019 5:04 PM
2	tax credit	12/20/2018 3:27 PM
3	Grant funding	12/14/2018 3:19 PM
4	lower interest rates, grant funding	12/14/2018 11:16 AM
5	grants	12/13/2018 4:43 PM
6	money	12/13/2018 11:09 AM
7	Grant funding and low interest rates	11/23/2018 8:37 PM
8	Low interest loans & grants.	11/13/2018 2:02 PM
9	lower interest rates, grant funding	11/13/2018 11:00 AM
10	?	11/4/2018 1:55 PM
11	Grants	10/29/2018 5:50 PM
12	Town was going to fix issue but didn't cause some home owners didn't want them digging in their yards	10/26/2018 10:41 AM
13	Grant funding	10/19/2018 2:22 AM
14	not sure if any, may not qualify	10/18/2018 11:59 AM
15	grants	10/17/2018 12:22 PM
16	Grant Funding	10/13/2018 7:37 PM
17	Lower rates	10/10/2018 12:28 PM
18	00	10/10/2018 11:46 AM
19	?	10/9/2018 2:42 PM
20	lower interest rates, grant funding, waivers, etc.	10/9/2018 10:22 AM
21	grant funding	10/9/2018 9:41 AM
22	Grant funding	10/8/2018 4:13 PM
23	grants	10/8/2018 3:49 PM
24	Grants or waivers	10/8/2018 2:11 PM
25	grants/matching, insurance reduction	10/8/2018 1:11 PM
26	lower interest rates, grant funding	10/8/2018 12:15 PM
27	grant funding	10/8/2018 11:57 AM
28	grants	10/8/2018 11:42 AM
29	Grant funding	10/8/2018 11:36 AM
30	Grant funding	10/8/2018 11:24 AM
31	don't know	10/8/2018 10:45 AM
32	All of the above.	10/8/2018 10:22 AM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

33	grant funding, tax waivers	10/8/2018 10:21 AM
34	Waivers	10/8/2018 10:14 AM
35	Funding	10/8/2018 10:06 AM
36	Grants, extra funding to assist with relocation costs	10/8/2018 10:05 AM
37	the examples mentioned	10/5/2018 1:28 PM
38	grant funding, waivers	10/5/2018 1:20 PM
39	GRANT FUNDING	10/5/2018 11:25 AM
40	grant funding	10/3/2018 10:17 AM
41	grant funding	10/1/2018 4:08 PM
42	Grant funding	10/1/2018 3:22 PM
43	Grant funding	10/1/2018 3:09 PM
44	Grant funding. Tax relief	10/1/2018 3:02 PM
45	grants	9/28/2018 7:31 AM
46	grant funding, waivers, discounts	9/27/2018 8:41 AM
47	low interest rates	9/27/2018 6:59 AM
48	Grants	9/27/2018 6:45 AM
49	Lower interest rates	9/26/2018 7:00 AM
50	I live in a complex	9/25/2018 9:59 PM
51	rebates, grant funding	9/25/2018 5:42 PM
52	Vouchers for protection services if qualified	9/25/2018 4:28 PM
53	Grants	9/25/2018 1:02 PM
54	Grants, waivers	9/22/2018 6:51 PM
55	Low interest loans or matching grant funds	9/22/2018 5:02 PM
56	Grant funding, lower interest rates	9/18/2018 8:26 PM
57	grant funding	9/18/2018 7:02 AM
58	Grant funding and tax incentives	9/17/2018 5:29 PM
59	All of the above.	9/17/2018 3:12 PM
60	Any	9/17/2018 6:15 AM
61	grants / tax savings	9/14/2018 3:42 PM
62	Funding	9/14/2018 3:36 PM
63	grant funding, low interest rate loans, reduction in insurance costs	9/14/2018 3:22 PM
64	grant funding, tax break	9/13/2018 7:05 AM

Q18 Please list any additional types of projects you believe local, county, state or federal government agencies could be doing to reduce the damage and disruption in Onondaga County.

Answered: 41 Skipped: 78

#	RESPONSES	DATE
1	keep building and maintaining green infrastructure	12/13/2018 4:43 PM
2	fairer and more transparent bidding processes!	12/12/2018 5:39 PM
3	Town of Clay needs to address flooding in green area in Clairmont Neighborhood. Flooding and mosquitos are a problem to property	11/23/2018 8:37 PM
4	County wide land use planning to reduce suburban sprawl and impervious surfaces. Planning and zoning to prevent developers from building housing tracts and strip malls in vulnerable areas.Increasing open space, especially areas vulnerable to flooding. Stream bed/bank stabilization, woody debris removal in streams, and riparian buffer planting.	11/13/2018 2:02 PM
5	better road drainage on flood prone sections of road	11/13/2018 11:00 AM
6	tree risk mitigation plan. fudning for those who can not afford to propoerly take care of their trees.	11/5/2018 12:52 PM
7	Tree program for homeowners to remove hazardous trees from their property for the safety of their neighborhood	11/4/2018 1:55 PM
8	Adopt sustainable development plan.	10/29/2018 5:50 PM
9	Do the original project they wanted to do in the first place	10/26/2018 10:41 AM
10	More education regarding most probable natural disasters	10/23/2018 2:08 PM
11	N/A	10/19/2018 2:22 AM
12	education for public	10/18/2018 11:59 AM
13	more public participation and communication	10/17/2018 12:22 PM
14	Public education is a large part	10/13/2018 7:37 PM
15	I dont know	10/10/2018 12:28 PM
16	Basic kits to give to people to get them started on emergency prepardness	10/10/2018 11:46 AM
17	Educate the county on the risks of natural disasters and invasive species and what we can be doing to protect our home	10/8/2018 2:11 PM
18	Take it more seriously - by that I mean it takes repeated messaging about what might happen, how to prepeare and resources available. Typically it seems you only hear about it or think about when the issue is impending...too late.	10/8/2018 1:11 PM
19	unknown	10/8/2018 12:15 PM
20	N/A	10/8/2018 11:36 AM
21	don't know	10/8/2018 10:45 AM
22	Get on top of potholes.	10/8/2018 10:22 AM
23	getting this survey, or something similar, to as wide an audience as possible	10/8/2018 10:21 AM
24	Increase snow removal on roads during storms	10/8/2018 10:05 AM
25	na	10/5/2018 1:28 PM
26	routine maintenance of existing structures and systems so they function properly	10/5/2018 1:20 PM
27	FIRST REPAIR THE ROADS AND KEEP CLEAR IN WINTER.	10/5/2018 11:25 AM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

28	open space acquisition of sensitive areas and places for stormwater management / groundwater recharge	10/3/2018 10:17 AM
29	More green infrastructure to manage stormwater on public and private land - and you should include saving the rain in codes and ordinances as a requirement for property retrofits.	10/1/2018 4:08 PM
30	Awareness of information	10/1/2018 3:22 PM
31	Infrastructure updates	10/1/2018 3:02 PM
32	road ditch maintenance practices should be updated to reduce erosion; culverts should be assessed and replaced at the proper size to accomodate runoff from large storm events & replaced when damaged.	9/28/2018 7:31 AM
33	preseason preparation advice	9/27/2018 8:41 AM
34	None	9/26/2018 7:00 AM
35	Infrastructure & utility improvements	9/18/2018 8:26 PM
36	Limit CAFOs, stop destruction of hedgrows	9/18/2018 7:02 AM
37	Better emergency notification for Road closures due to snow or flooding	9/17/2018 5:29 PM
38	Increase WWTP capacities; increase road repair frequency to reduce accidents in winter; work with City of Syracuse to control stormwater	9/17/2018 3:12 PM
39	All covered i beilieve	9/17/2018 6:15 AM
40	buying generators, building a water treatment plant for Skaneateles Lake	9/14/2018 3:10 PM
41	DPW and local highway departments maintain/improve infrastructure	9/14/2018 2:46 PM

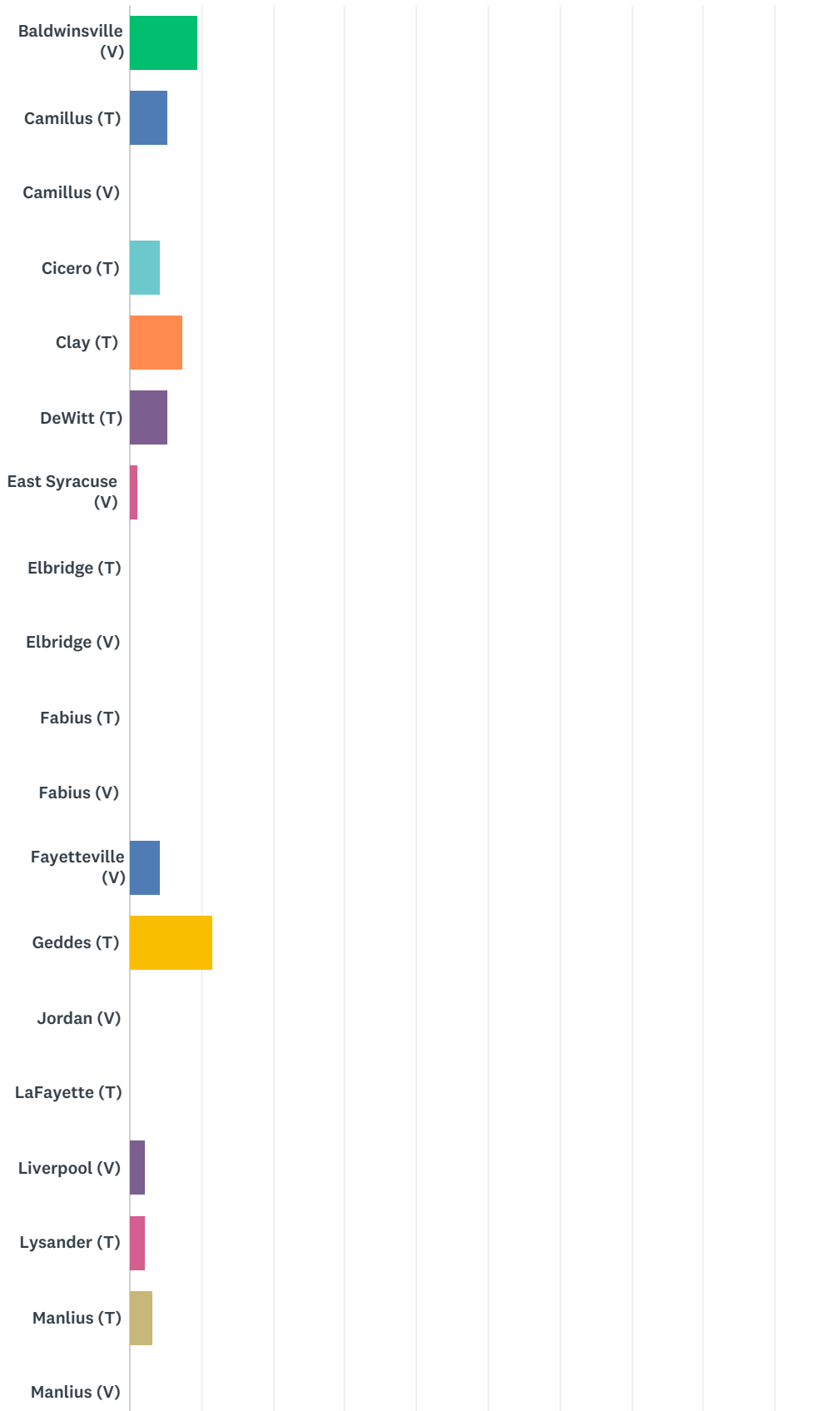
Q19 Do you have any other comments, questions, or concerns regarding hazard mitigation in Onondaga County?

Answered: 21 Skipped: 98

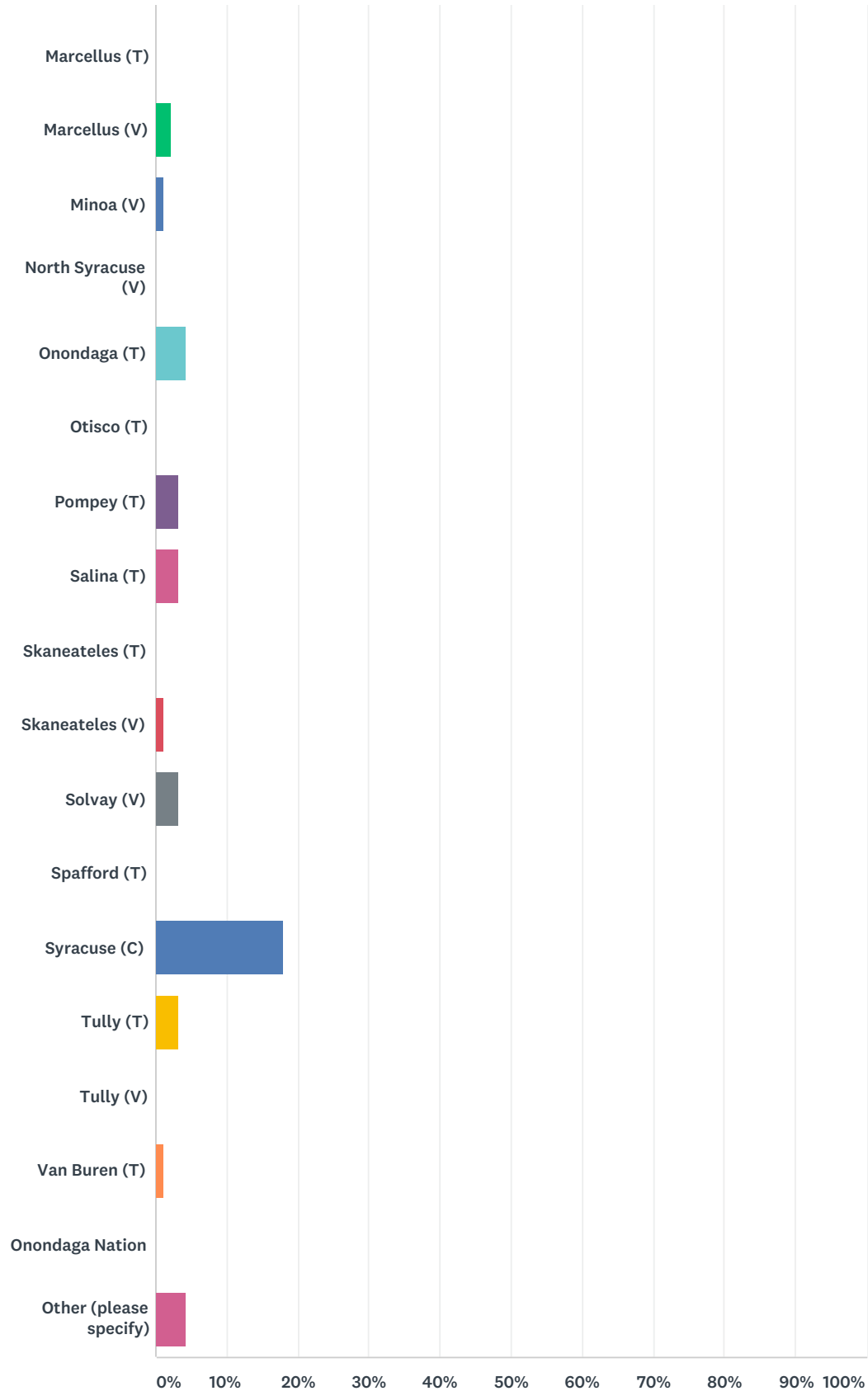
#	RESPONSES	DATE
1	With all the mature trees in the county, why isn't there a county tree code for removal of hazardous trees in the communities	11/4/2018 1:55 PM
2	Why did the few outweigh the many when it came to fixing the flooding issues in people's backyards?	10/26/2018 10:41 AM
3	No	10/19/2018 2:22 AM
4	none	10/18/2018 11:59 AM
5	let the public know about plans with mailings, emails, etc	10/17/2018 12:22 PM
6	no	10/10/2018 12:28 PM
7	Get more literature out more frequently- not just the NYS Fair- about emergency preparedness. Provide details and a basic started kit if possible, or at least a list of inexpensive items that people can get to start them out.	10/10/2018 11:46 AM
8	no	10/9/2018 2:42 PM
9	No	10/8/2018 2:11 PM
10	N/A	10/8/2018 11:36 AM
11	no	10/8/2018 10:45 AM
12	No	10/8/2018 10:05 AM
13	no	10/5/2018 1:28 PM
14	who to contact (which agency, point of contact) for each hazard type encountered would be helpful to know.	10/5/2018 1:20 PM
15	WE RISK OUR LIVES TO GO TO WORK IN THE WINTER	10/5/2018 11:25 AM
16	Just because we have snow every year is no reason to take it lightly and not close down roads that are not safe for travel and to close things down when its unsafe to be out.	9/27/2018 8:41 AM
17	None	9/26/2018 7:00 AM
18	No	9/18/2018 8:26 PM
19	Historically we haven't had too many issues. We handle snow storms well but not sure if we were to ever have an ice storm that does worry me.	9/17/2018 5:29 PM
20	City of Syracuse and County of Onondaga need to work together to solve joint problems of aging wastewater collection system and improve stormwater drainage	9/17/2018 3:12 PM
21	no	9/14/2018 3:22 PM

Q20 Please indicate the jurisdiction in which you live:

Answered: 95 Skipped: 24



Onondaga County Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES
Baldwinsville (V)	9.47%

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

Camillus (T)	5.26%	5
Camillus (V)	0.00%	0
Cicero (T)	4.21%	4
Clay (T)	7.37%	7
DeWitt (T)	5.26%	5
East Syracuse (V)	1.05%	1
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	4.21%	4
Geddes (T)	11.58%	11
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	2.11%	2
Lysander (T)	2.11%	2
Manlius (T)	3.16%	3
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	2.11%	2
Minoa (V)	1.05%	1
North Syracuse (V)	0.00%	0
Onondaga (T)	4.21%	4
Otisco (T)	0.00%	0
Pompey (T)	3.16%	3
Salina (T)	3.16%	3
Skaneateles (T)	0.00%	0
Skaneateles (V)	1.05%	1
Solvay (V)	3.16%	3
Spafford (T)	0.00%	0
Syracuse (C)	17.89%	17
Tully (T)	3.16%	3
Tully (V)	0.00%	0
Van Buren (T)	1.05%	1

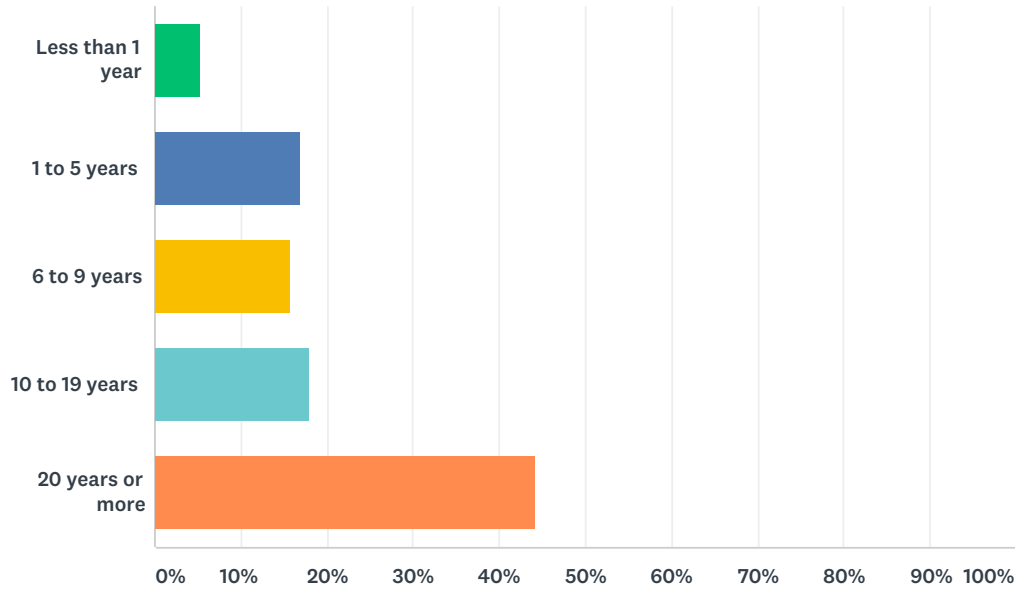
Onondaga County Hazard Mitigation Plan Update - Citizen Survey

Onondaga Nation	0.00%	0
Other (please specify)	4.21%	4
TOTAL		95

#	OTHER (PLEASE SPECIFY)	DATE
1	Chenango County	10/18/2018 4:26 PM
2	Pennellville	10/9/2018 8:03 AM
3	I live in Oswego County but work in Liverpool	10/8/2018 1:12 PM
4	Fleming Owasco Lake	9/18/2018 7:03 AM

Q21 How long have you lived here?

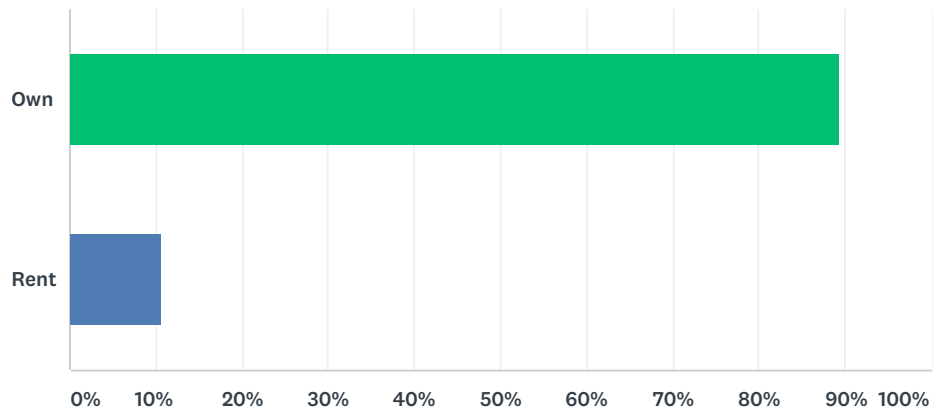
Answered: 95 Skipped: 24



ANSWER CHOICES	RESPONSES	
Less than 1 year	5.26%	5
1 to 5 years	16.84%	16
6 to 9 years	15.79%	15
10 to 19 years	17.89%	17
20 years or more	44.21%	42
TOTAL		95

Q22 Do you own or rent your place of residence?

Answered: 94 Skipped: 25



ANSWER CHOICES		RESPONSES	
Own		89.36%	84
Rent		10.64%	10
TOTAL			94

Q23 What street is your property on? (optional, will be kept confidential – only used to identify hazard areas such as flooding)

Answered: 58 Skipped: 61

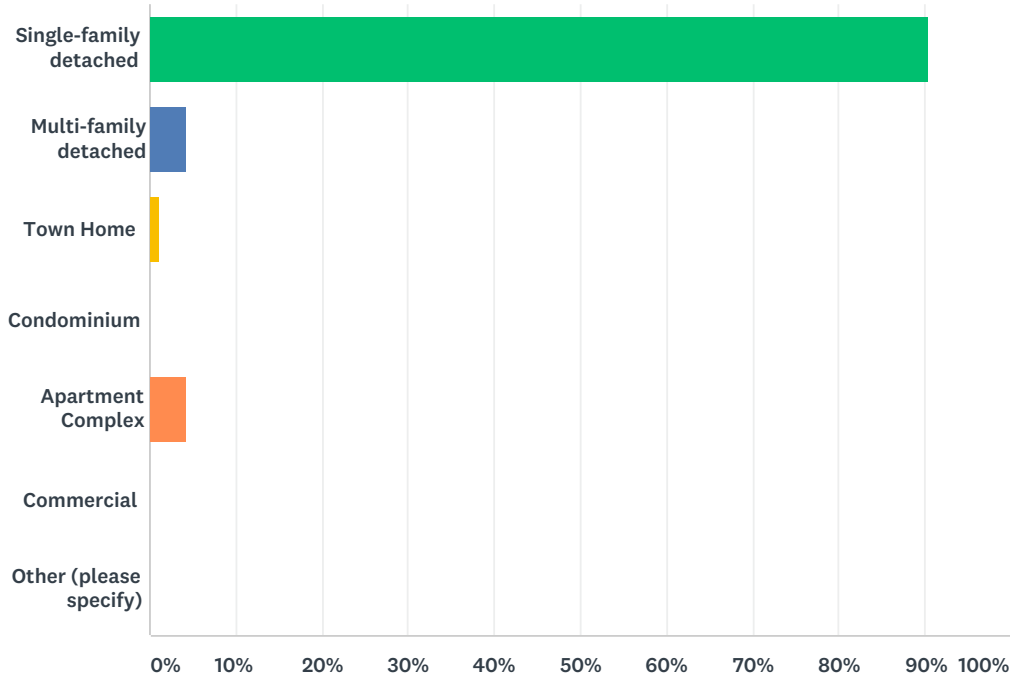
#	RESPONSES	DATE
1		1/18/2019 5:42 PM
2		12/20/2018 3:27 PM
3		12/13/2018 4:44 PM
4		12/13/2018 12:22 PM
5		12/13/2018 11:54 AM
6		12/13/2018 10:59 AM
7		11/23/2018 8:37 PM
8		11/19/2018 2:06 PM
9		11/13/2018 2:03 PM
10		11/13/2018 11:01 AM
11		10/29/2018 5:51 PM
12		10/26/2018 10:41 AM
13		10/23/2018 2:24 PM
14		10/19/2018 2:22 AM
15		10/18/2018 4:26 PM
16		10/17/2018 12:22 PM
17		10/17/2018 12:17 PM
18		10/15/2018 2:44 PM
19		10/14/2018 11:14 AM
20		10/13/2018 7:37 PM
21		10/10/2018 11:47 AM
22		10/9/2018 11:25 AM
23		10/8/2018 2:12 PM
24		10/8/2018 12:16 PM
25		10/8/2018 11:58 AM
26		10/8/2018 10:46 AM
27		10/8/2018 10:23 AM
28		10/8/2018 10:06 AM
29		10/8/2018 9:53 AM
30		10/5/2018 1:29 PM
31		10/5/2018 1:21 PM
32		10/1/2018 4:09 PM
33		10/1/2018 3:23 PM
34		10/1/2018 3:09 PM

Onondaga County Hazard Mitigation Plan Update - Citizen Survey

35	10/1/2018 3:02 PM
36	9/28/2018 7:32 AM
37	9/27/2018 8:42 AM
38	9/27/2018 6:47 AM
39	9/26/2018 7:00 AM
40	9/25/2018 10:00 PM
41	9/25/2018 5:42 PM
42	9/25/2018 4:28 PM
43	9/25/2018 1:03 PM
44	9/25/2018 12:44 PM
45	9/25/2018 10:59 AM
46	9/22/2018 6:51 PM
47	9/22/2018 5:03 PM
48	9/18/2018 8:27 PM
49	9/18/2018 7:03 AM
50	9/17/2018 5:29 PM
51	9/17/2018 3:15 PM
52	9/17/2018 6:16 AM
53	9/14/2018 4:25 PM
54	9/14/2018 3:37 PM
55	9/14/2018 3:23 PM
56	9/14/2018 3:16 PM
57	9/14/2018 2:47 PM
58	9/13/2018 7:06 AM

Q24 What type of residence do you live in?

Answered: 94 Skipped: 25

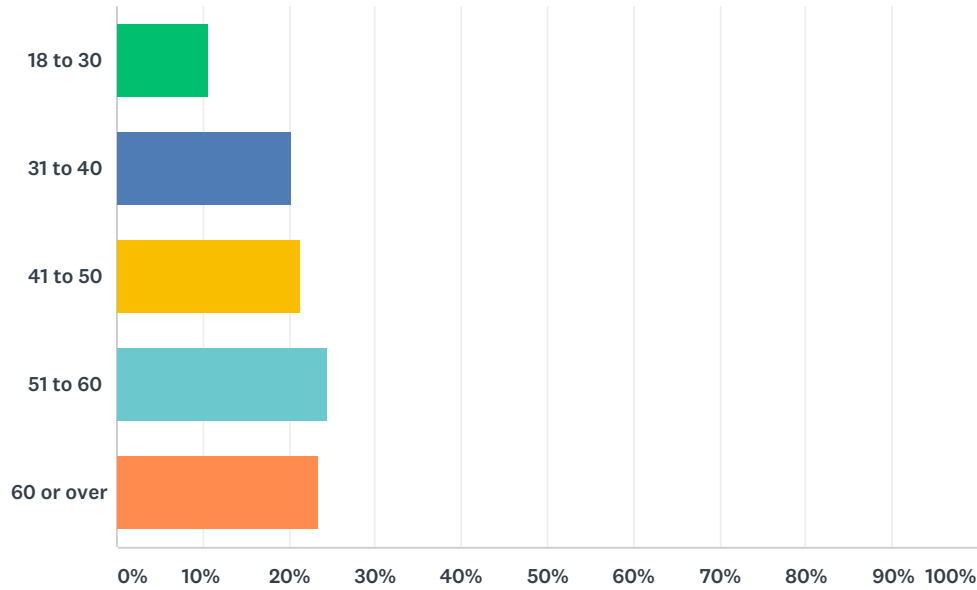


ANSWER CHOICES	RESPONSES	
Single-family detached	90.43%	85
Multi-family detached	4.26%	4
Town Home	1.06%	1
Condominium	0.00%	0
Apartment Complex	4.26%	4
Commercial	0.00%	0
Other (please specify)	0.00%	0
TOTAL		94

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q25 Please indicate your age range:

Answered: 94 Skipped: 25



ANSWER CHOICES	RESPONSES	
18 to 30	10.64%	10
31 to 40	20.21%	19
41 to 50	21.28%	20
51 to 60	24.47%	23
60 or over	23.40%	22
TOTAL		94



D.2 Stakeholder Surveys

In addition to collecting information from residents of Onondaga County, surveys were developed for the agencies and stakeholders in the county. Unlike steering committee or planning partnership members, stakeholders may not be involved in all stages of the planning process, but they may have information or input to provide. In order to gather that information, the surveys were sent to the following stakeholders: law enforcement, firefighters, emergency medical services, highway and public works, business and commerce, hospitals and health care providers, and utilities. Results of the surveys are provided below, with personal information redacted.

Q1 Name of your Academic Institution (school, district, higher education institution):

Answered: 3 Skipped: 0

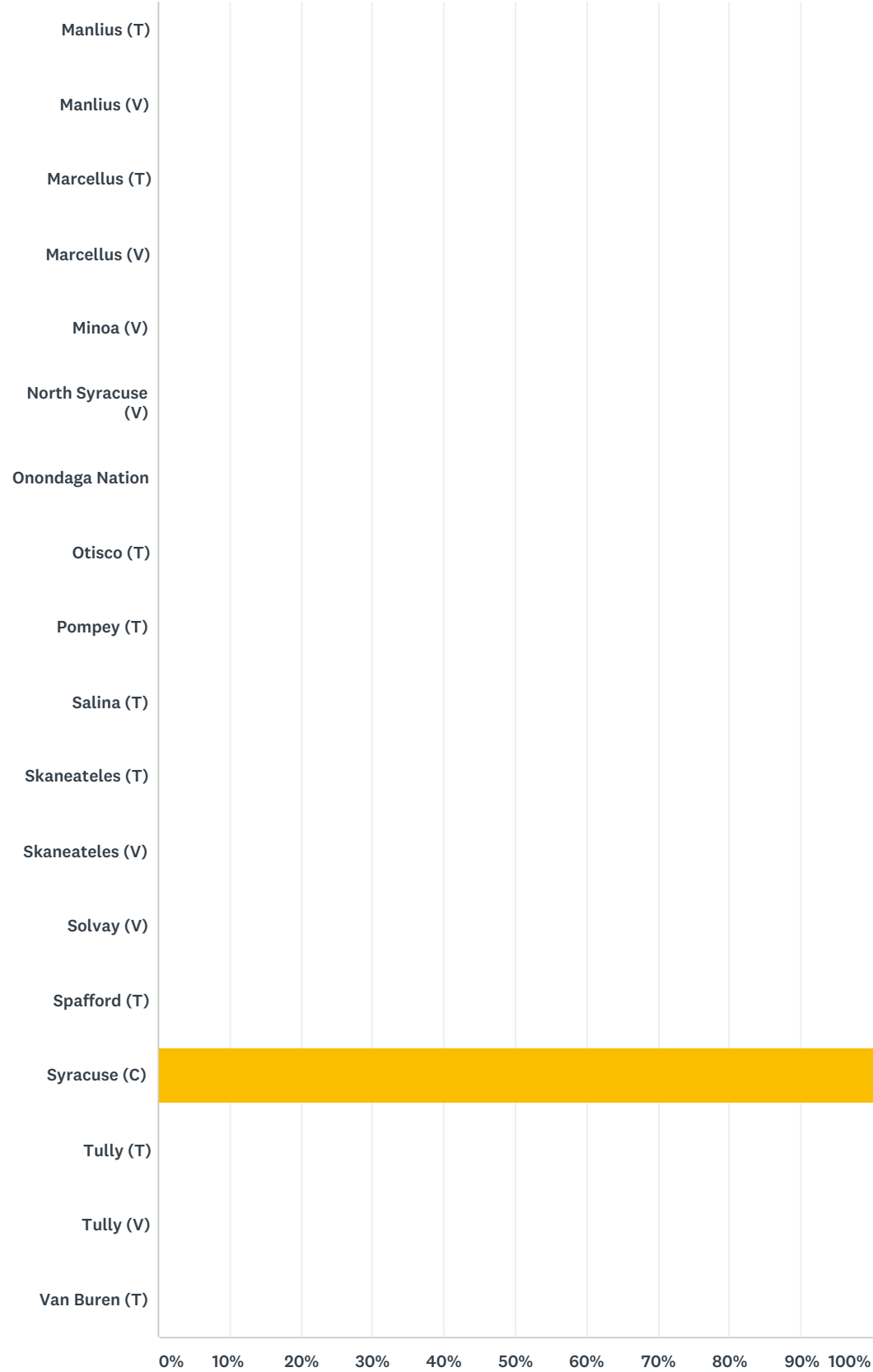
#	RESPONSES	DATE
1	Syracuse University	12/28/2018 2:52 AM
2	Syracuse University	12/26/2018 1:09 PM
3	Syracuse University, College of Engineering & Computer Science	12/21/2018 1:03 PM

Q2 Please identify the location of your facility(ies) and or primary service area:

Answered: 3 Skipped: 0

Onondaga County (enti...										
Baldwinsville (V)										
Camillus (T)										
Camillus (V)										
Cicero (T)										
Clay (T)										
DeWitt (T)										
East Syracuse (V)										
Elbridge (T)										
Elbridge (V)										
Fabius (T)										
Fabius (V)										
Fayetteville (V)										
Geddes (T)										
Jordan (V)										
LaFayette (T)										
Liverpool (V)										
Lysander (T)										

Onondaga County Hazard Mitigation Plan Update - Academia Survey



ANSWER CHOICES	RESPONSES	
Onondaga County (entire county)	0.00%	0
Baldwinsville (V)	0.00%	0

Onondaga County Hazard Mitigation Plan Update - Academia Survey

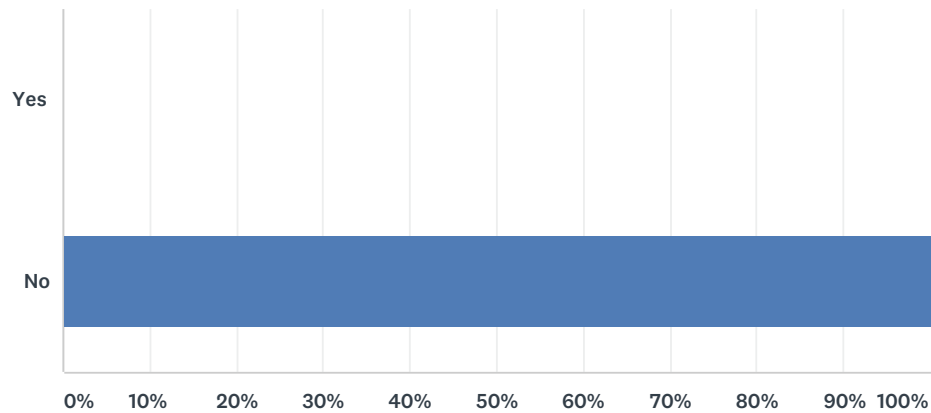
Camillus (T)	0.00%	0
Camillus (V)	0.00%	0
Cicero (T)	0.00%	0
Clay (T)	0.00%	0
DeWitt (T)	0.00%	0
East Syracuse (V)	0.00%	0
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	0.00%	0
Geddes (T)	0.00%	0
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	0.00%	0
Lysander (T)	0.00%	0
Manlius (T)	0.00%	0
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	0.00%	0
Minoa (V)	0.00%	0
North Syracuse (V)	0.00%	0
Onondaga Nation	0.00%	0
Otisco (T)	0.00%	0
Pompey (T)	0.00%	0
Salina (T)	0.00%	0
Skaneateles (T)	0.00%	0
Skaneateles (V)	0.00%	0
Solvay (V)	0.00%	0
Spafford (T)	0.00%	0
Syracuse (C)	100.00%	3
Tully (T)	0.00%	0
Tully (V)	0.00%	0
Van Buren (T)	0.00%	0
TOTAL		3

Onondaga County Hazard Mitigation Plan Update - Academia Survey

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q3 Has your academic institution been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 3 Skipped: 0

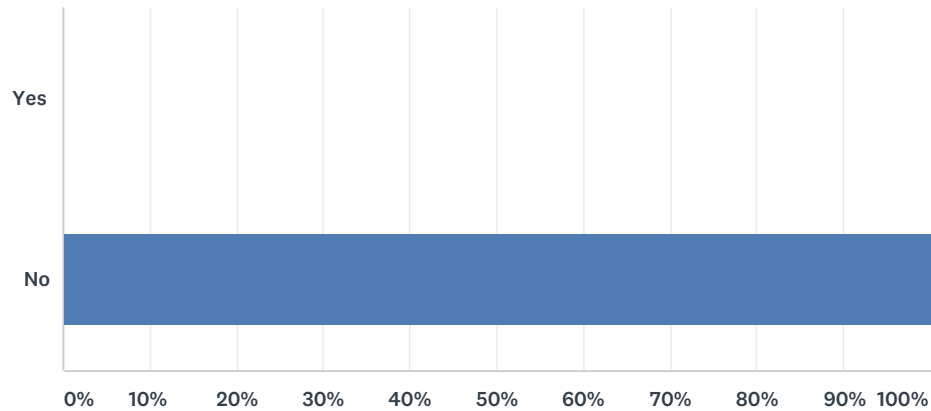


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	3
TOTAL			3

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
	There are no responses.	

Q4 Do your facilities provide sheltering services during hazard events?

Answered: 3 Skipped: 0

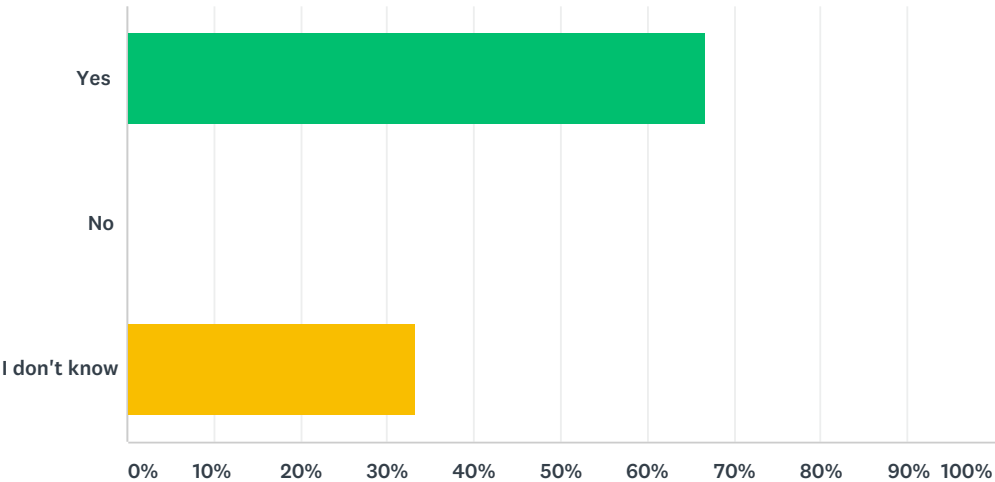


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	3
TOTAL			3

#	IF YOU ANSWERED "YES", PLEASE INDICATE THOSE SERVICES THAT YOU ARE CAPABLE OF PROVIDING.	DATE
There are no responses.		

Q5 Do you believe that your facilities and associated infrastructure are disaster-resistant, or capable of withstanding a natural disaster (e.g. are properly located and constructed, and have back-up power as appropriate)?

Answered: 3 Skipped: 0

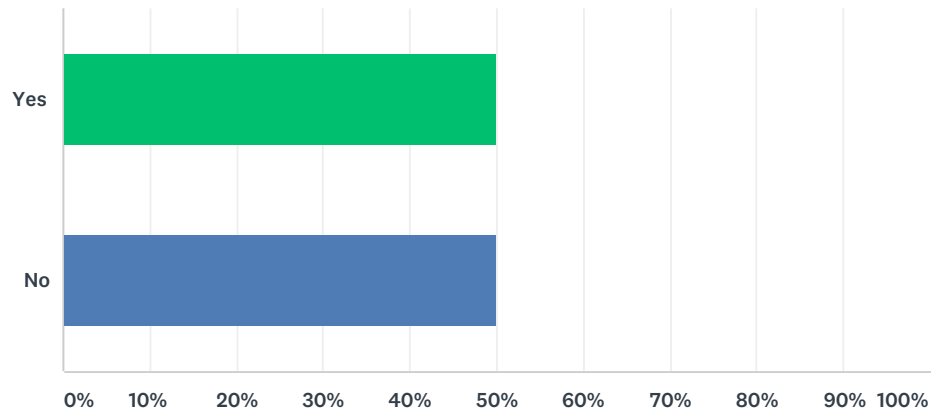


ANSWER CHOICES		RESPONSES	
Yes		66.67%	2
No		0.00%	0
I don't know		33.33%	1
TOTAL			3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q6 If your facilities are an American Red Cross (ARC) designated shelter, do you believe they are adequately designed and equipped to support sheltering during and after natural hazard events? Do your facilities have generator capabilities to support the ARC shelter?

Answered: 2 Skipped: 1

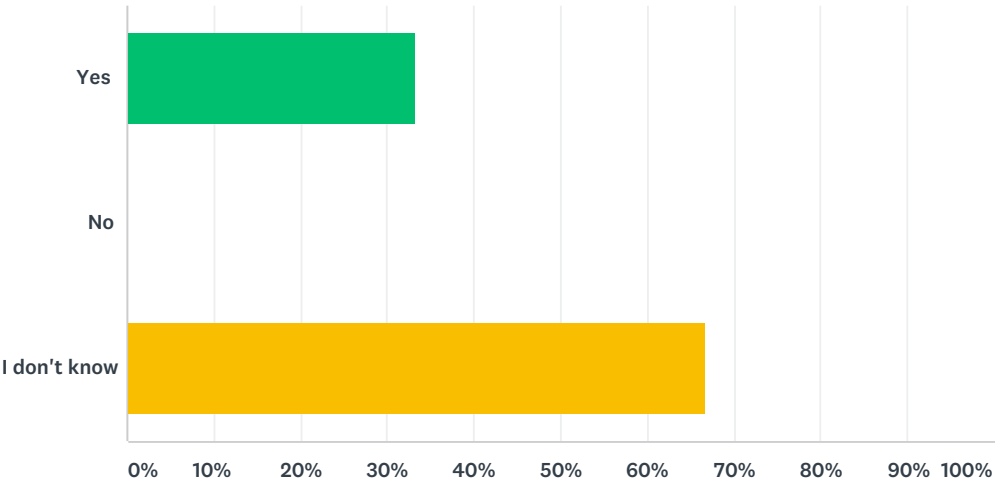


ANSWER CHOICES		RESPONSES	
Yes		50.00%	1
No		50.00%	1
TOTAL			2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q7 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards?

Answered: 3 Skipped: 0

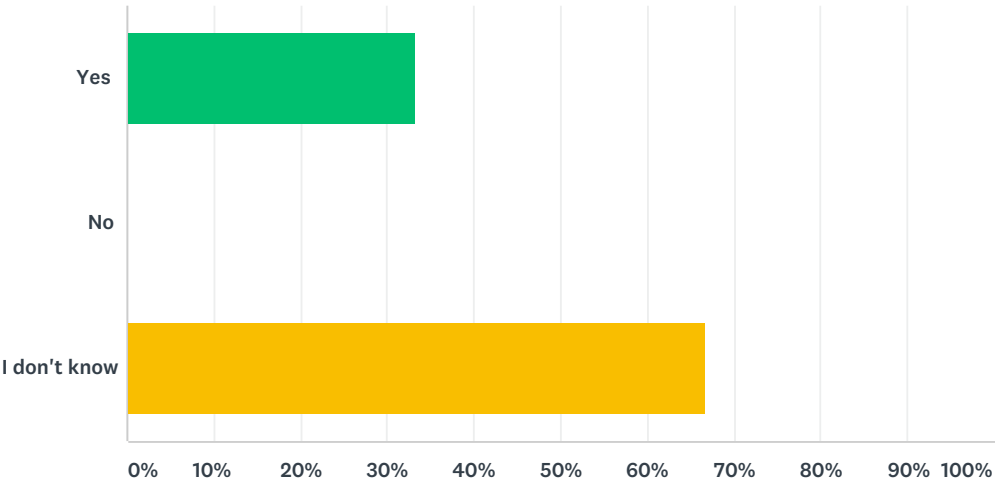


ANSWER CHOICES		RESPONSES	
Yes		33.33%	1
No		0.00%	0
I don't know		66.67%	2
TOTAL			3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support your academic functions during and after hazard events?

Answered: 3 Skipped: 0

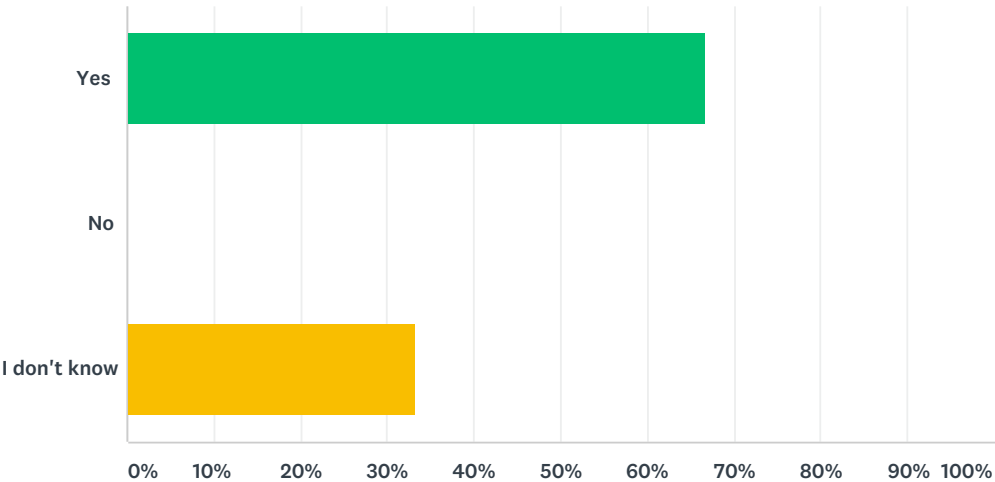


ANSWER CHOICES		RESPONSES	
Yes		33.33%	1
No		0.00%	0
I don't know		66.67%	2
TOTAL			3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q9 Do you think that weather forecasts and announcements of road closures and pending road closures are sufficiently accurate and available to support your institution's operation and student transportation decisions in the event of hazard events?

Answered: 3 Skipped: 0

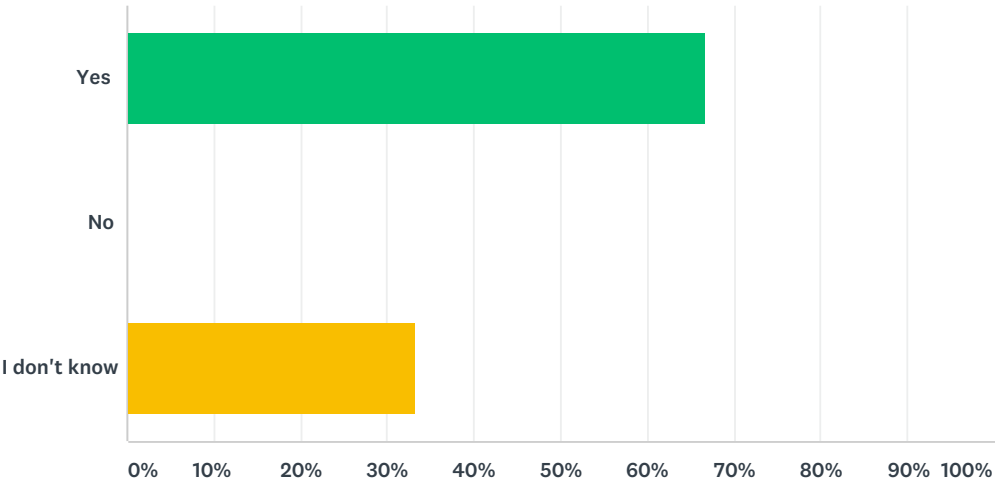


ANSWER CHOICES		RESPONSES	
Yes		66.67%	2
No		0.00%	0
I don't know		33.33%	1
TOTAL			3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q10 Do you believe that emergency response planning, services, and equipment are capable of managing and responding properly to disasters in your community?

Answered: 3 Skipped: 0

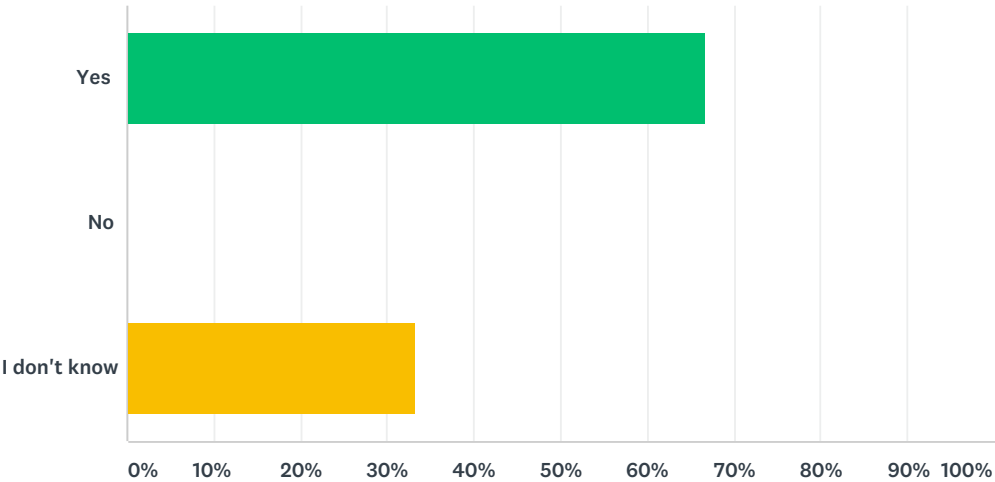


ANSWER CHOICES		RESPONSES	
Yes		66.67%	2
No		0.00%	0
I don't know		33.33%	1
TOTAL			3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q11 Do you believe that local government understands, supports, and possesses adequate resources for hazard risk reduction efforts in the community?

Answered: 3 Skipped: 0

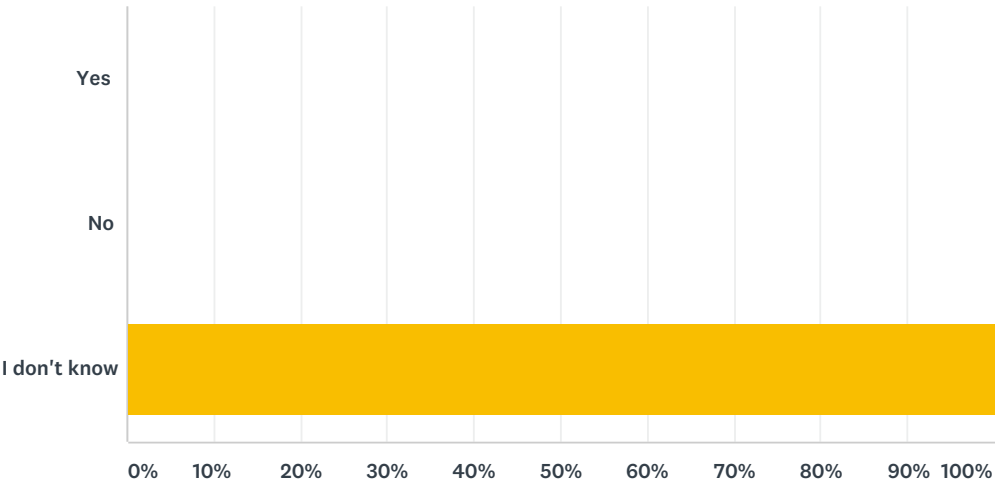


ANSWER CHOICES		RESPONSES	
Yes		66.67%	2
No		0.00%	0
I don't know		33.33%	1
TOTAL			3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q12 Is your institution covered by a Continuity of Operations (COOP) Plan? COOP plans examine an institution’s ability to perform minimum essential functions during any situation, and support the continuance of institution functions.

Answered: 3 Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		0.00%	0
I don't know		100.00%	3
TOTAL			3

#	IF "YES", PLEASE EXPLAIN.	DATE
	There are no responses.	

Q13 Can you identify projects or programs that you have implemented to reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 0 Skipped: 3

#	RESPONSES	DATE
	There are no responses.	

Q14 Can you identify projects or programs that you would like or plan to implement to reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 0 Skipped: 3

#	RESPONSES	DATE
	There are no responses.	

Q15 Do you have any other comments, questions, or concerns?

Answered: 0 Skipped: 3

#	RESPONSES	DATE
	There are no responses.	

Q16 Name of Respondent:

Answered: 1 Skipped: 2

#	RESPONSES	DATE
1		12/26/2018 1:10 PM

Q17 Contact information (email address or phone number) - optional:

Answered: 0 Skipped: 3

#	RESPONSES	DATE
	There are no responses.	

Q1 Name of Business

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1	Atlantic Testing Laboratories	9/20/2018 3:23 PM
2	Village of Marcellus	9/17/2018 11:22 AM

Q2 Type of Business

Answered: 2 Skipped: 0

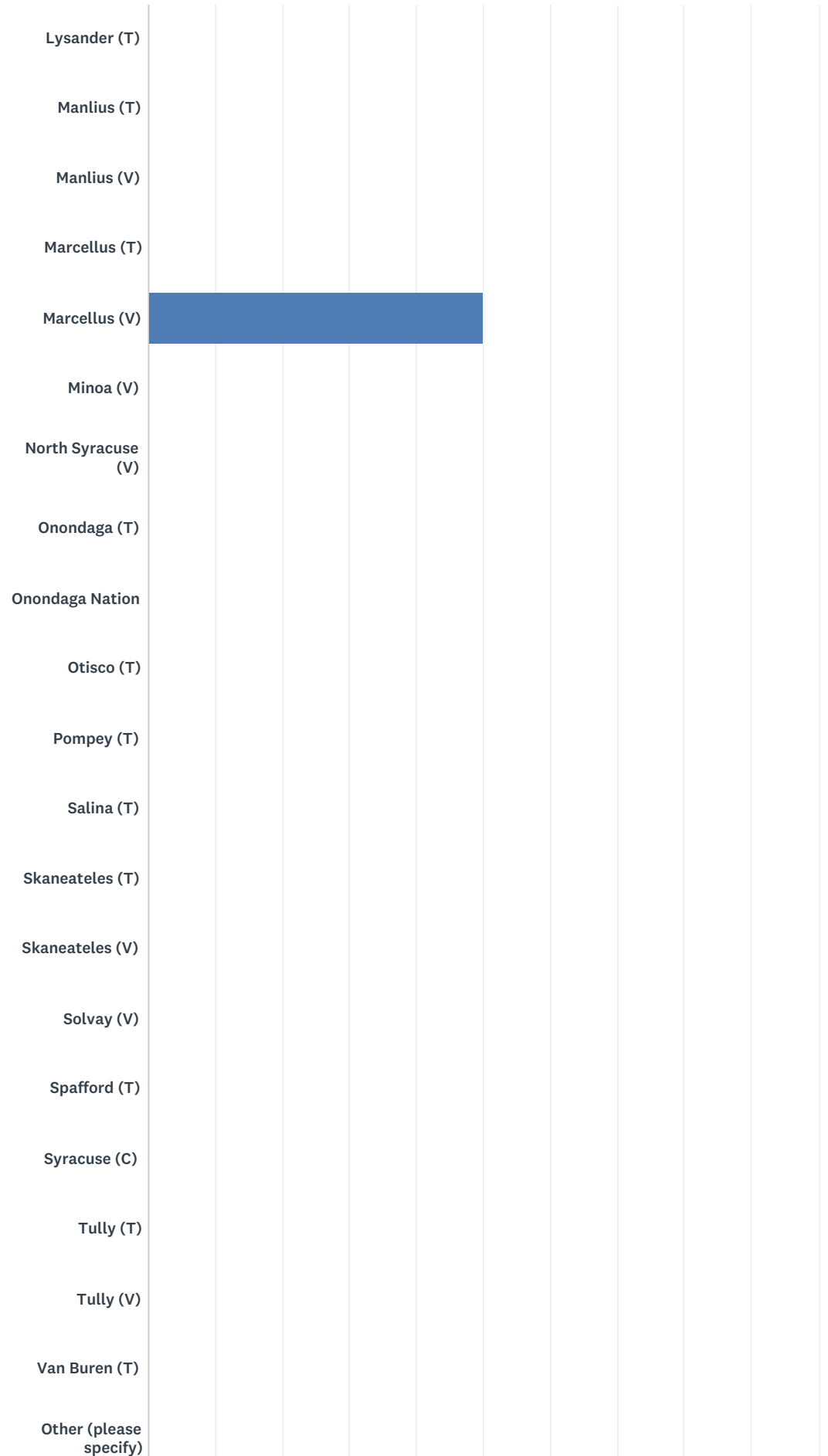
#	RESPONSES	DATE
1	Materials testing, geotechnical, environmental	9/20/2018 3:23 PM
2	Municipal	9/17/2018 11:22 AM

Q3 Please identify the location of your facility(ies) and or primary service area. You may choose more than one if your service area covers multiple communities, or "Onondaga County (entire area)" if your service area is county-wide:

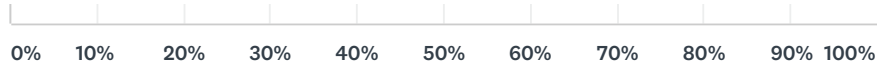
Answered: 2 Skipped: 0



Onondaga County Hazard Mitigation Plan Update - Business and Commerce Survey



Onondaga County Hazard Mitigation Plan Update - Business and Commerce Survey



ANSWER CHOICES	RESPONSES	
Onondaga County (entire area)	50.00%	1
Baldwinsville (V)	0.00%	0
Camillus (T)	0.00%	0
Camillus (V)	0.00%	0
Cicero (T)	0.00%	0
Clay (T)	0.00%	0
DeWitt (T)	0.00%	0
East Syracuse (V)	0.00%	0
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	0.00%	0
Geddes (T)	0.00%	0
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	0.00%	0
Lysander (T)	0.00%	0
Manlius (T)	0.00%	0
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	50.00%	1
Minoa (V)	0.00%	0
North Syracuse (V)	0.00%	0
Onondaga (T)	0.00%	0
Onondaga Nation	0.00%	0
Otisco (T)	0.00%	0
Pompey (T)	0.00%	0
Salina (T)	0.00%	0
Skaneateles (T)	0.00%	0
Skaneateles (V)	0.00%	0
Solvay (V)	0.00%	0

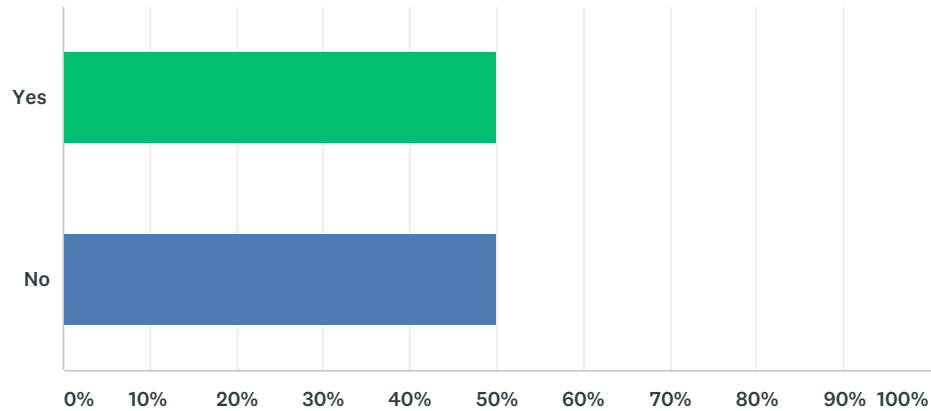
Onondaga County Hazard Mitigation Plan Update - Business and Commerce Survey

Spafford (T)	0.00%	0
Syracuse (C)	0.00%	0
Tully (T)	0.00%	0
Tully (V)	0.00%	0
Van Buren (T)	0.00%	0
Other (please specify)	0.00%	0
TOTAL		2

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q4 Has your business been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 2 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	50.00%	1
No	50.00%	1
TOTAL		2

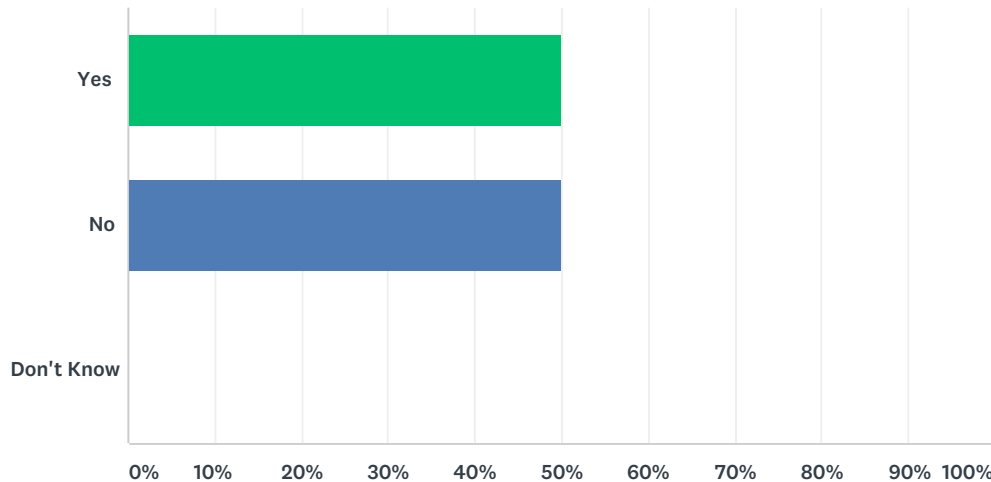
Q5 If you answered "YES," please identify the events and provide a brief description of the damages or loss of service.

Answered: 1 Skipped: 1

#	RESPONSES	DATE
1	snowstorms, inclement weather, etc	9/20/2018 3:23 PM

Q6 Do you believe that your facilities are disaster resistant or capable of withstanding a natural disaster (e.g. are properly located and constructed and have back-up power as appropriate)?

Answered: 2 Skipped: 0

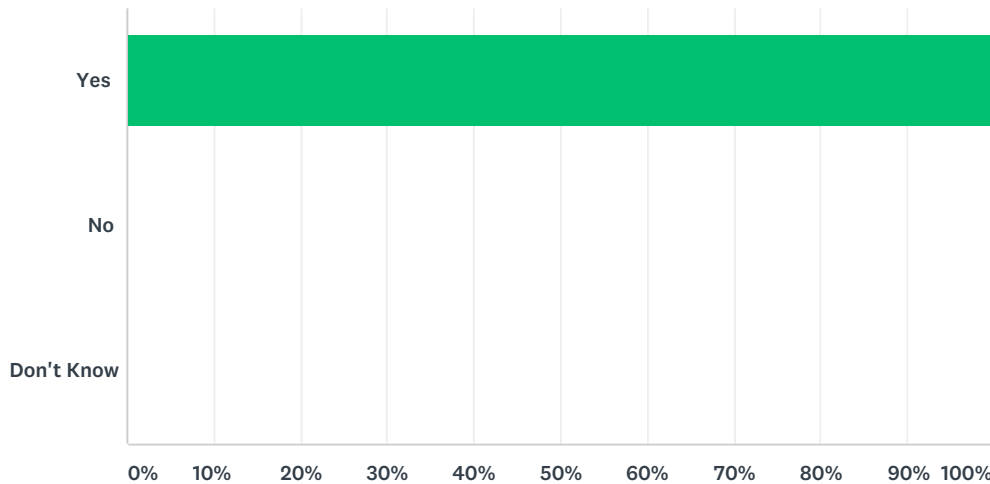


ANSWER CHOICES		RESPONSES	
Yes		50.00%	1
No		50.00%	1
Don't Know		0.00%	0
TOTAL			2

#	PLEASE EXPLAIN	DATE
1	We have no emergency generator or back-up power	9/20/2018 3:26 PM

Q7 Do you think that the transportation infrastructure (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards, and thus provides long term support for your community's response and recovery needs?

Answered: 2 Skipped: 0

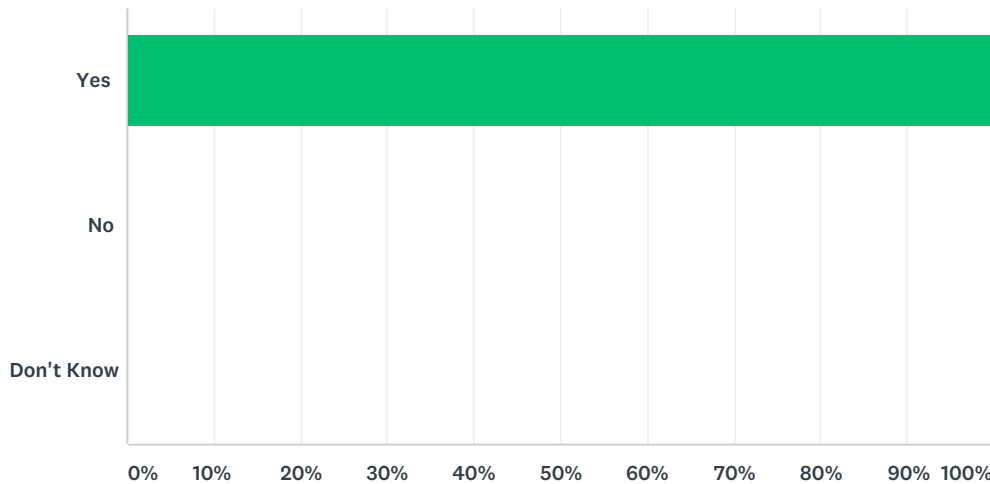


ANSWER CHOICES		RESPONSES	
Yes		100.00%	2
No		0.00%	0
Don't Know		0.00%	0
TOTAL			2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster resistant to support your department's ability to maintain operations and support response or recovery efforts?

Answered: 2 Skipped: 0

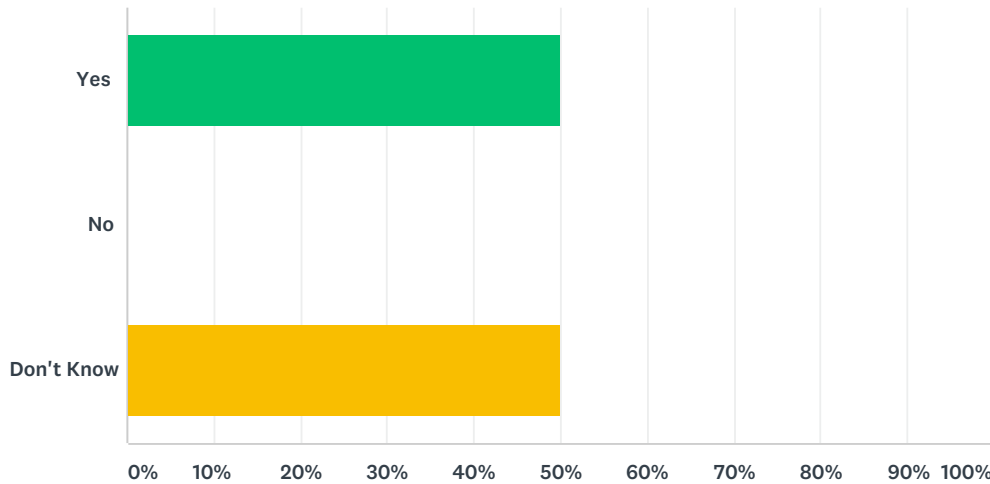


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
Don't Know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q9 Do you believe that natural hazard risks (e.g. flood zones, steep slopes, wildfire risk zones) are considered when local authorities consider land development and land use planning?

Answered: 2 Skipped: 0

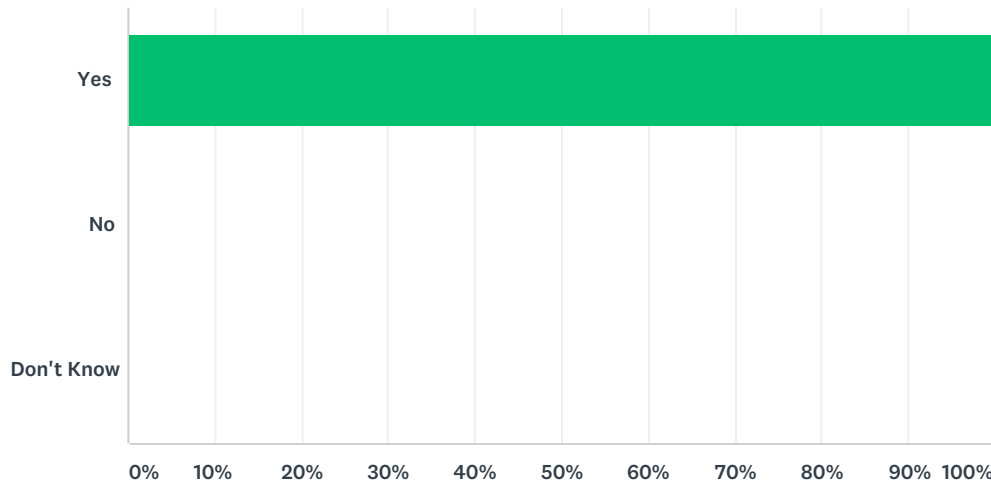


ANSWER CHOICES	RESPONSES	
Yes	50.00%	1
No	0.00%	0
Don't Know	50.00%	1
TOTAL		2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q10 Do you believe that business organizations/associations, chambers of commerce, etc., are a valuable resource in helping business owners protect themselves pre-disaster, and/or help in recovery post disaster?

Answered: 2 Skipped: 0

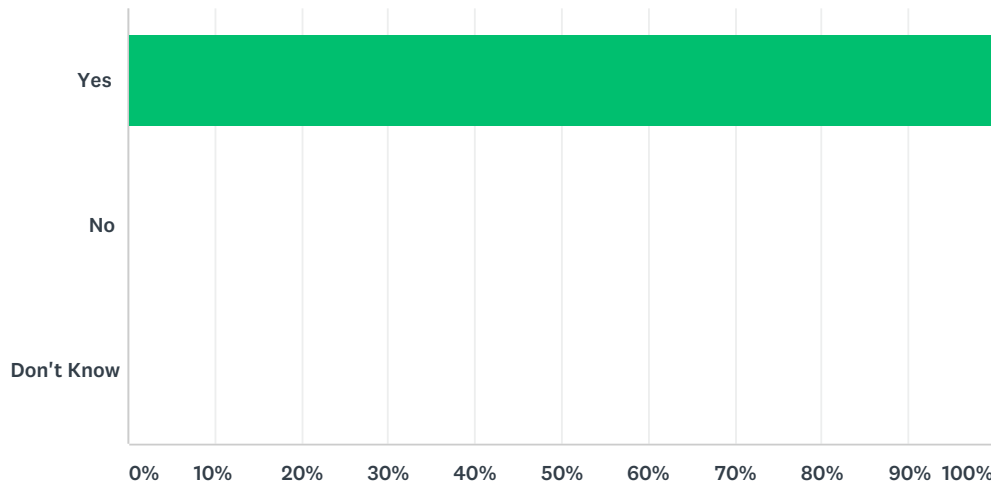


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
Don't Know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q11 Do you believe that businesses are aware and take appropriate advantage of flood insurance and other risk management resources and programs to help protect them from losses, as well as to support recovery from disasters?

Answered: 2 Skipped: 0

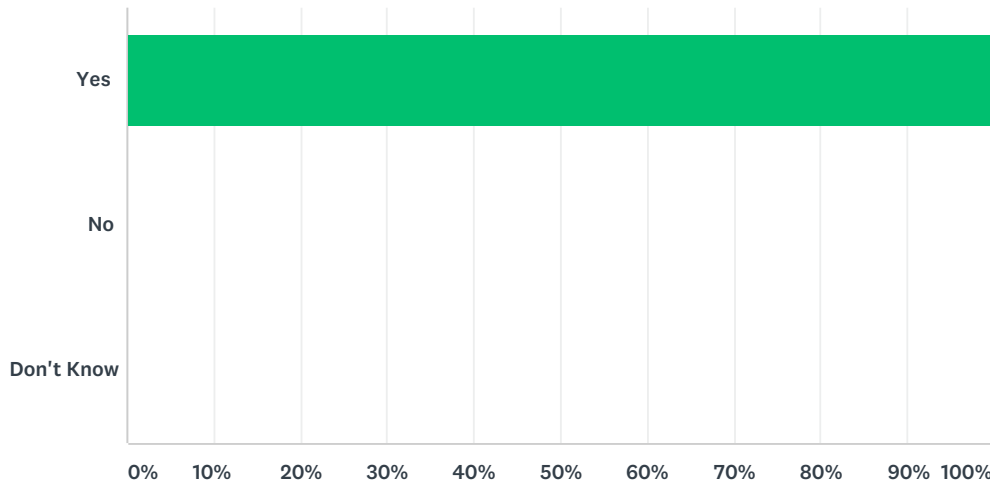


ANSWER CHOICES		RESPONSES	
Yes		100.00%	2
No		0.00%	0
Don't Know		0.00%	0
TOTAL			2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q12 Do you believe that emergency planning, services, and equipment are adequate to manage and respond properly to natural disasters that may impact your business or commercial interests?

Answered: 2 Skipped: 0

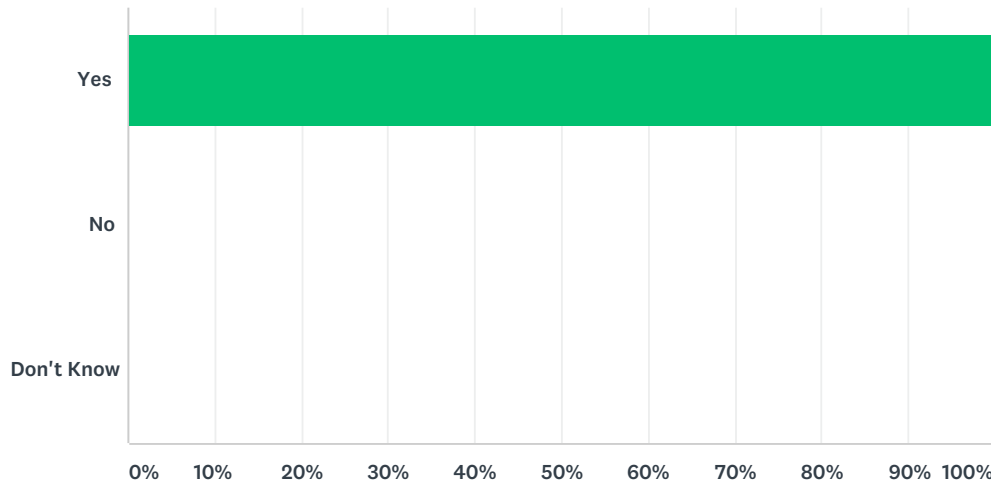


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
Don't Know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q13 Do you think the local government understands, supports, and possess the resources for natural hazard risk reduction efforts in the community?

Answered: 2 Skipped: 0

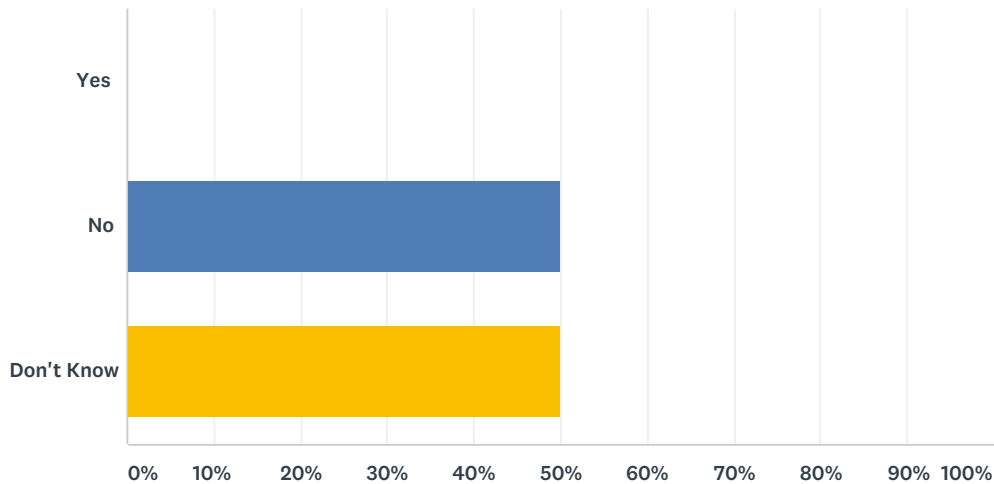


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
Don't Know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q14 Is your department included within a Continuity of Operations / Continuity of Government (COOP / COG) plan? COOP / COG plans examine a department's ability to perform minimum essential functions during any situation. COOP activities support the continuance of essential functions, while COG activities support the continuance of local government.

Answered: 2 Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		50.00%	1
Don't Know		50.00%	1
TOTAL			2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q15 Can you identify projects or programs that you have implemented to reduce your business's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 1 Skipped: 1

#	RESPONSES	DATE
1	no	9/20/2018 3:26 PM

Q16 Can you identify projects or programs that you would like or plan to implement to reduce your business's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 1 Skipped: 1

#	RESPONSES	DATE
1	no	9/20/2018 3:26 PM

Q17 Do you have any other comments, questions, or concerns?

Answered: 1 Skipped: 1

#	RESPONSES	DATE
1	no	9/20/2018 3:26 PM

Q18 Name of Respondent

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1		9/20/2018 3:26 PM
2		9/17/2018 11:23 AM

Q19 Contact information (email address or phone number) optional

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1		9/20/2018 3:26 PM
2		9/17/2018 11:23 AM

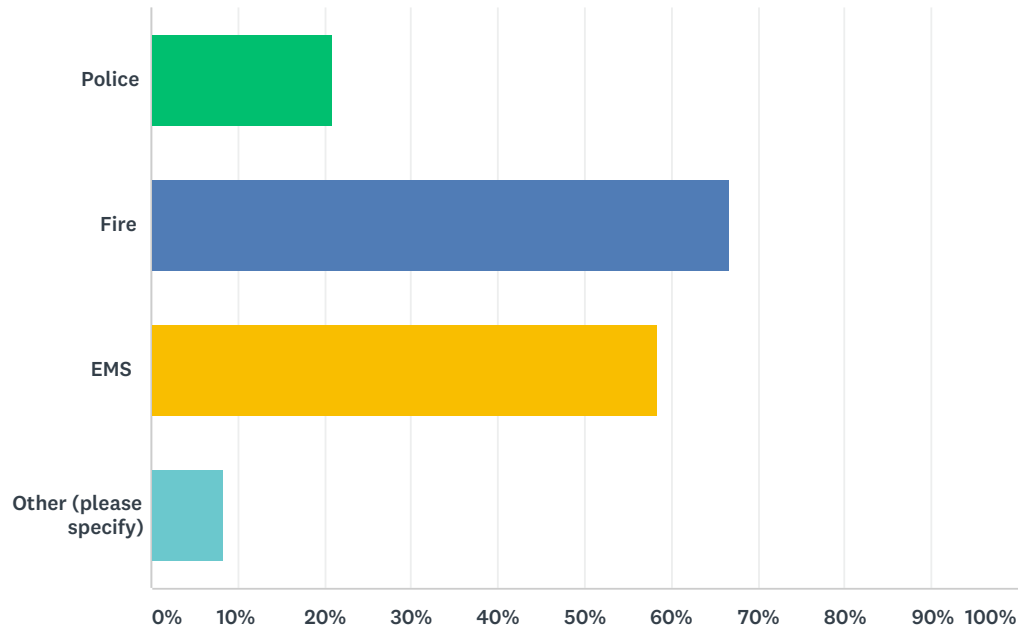
Q1 Name of your department, district, or agency:

Answered: 24 Skipped: 1

#	RESPONSES	DATE
1	East Syracuse Fire Dept	12/28/2018 5:27 PM
2	ONONDAGA COUNTY 911	10/16/2018 10:49 AM
3	Skaneateles Police Department	10/16/2018 8:31 AM
4	Corrections	10/9/2018 9:49 AM
5	Town of Manlius Police Department	9/26/2018 11:11 AM
6	Minoa Fire Department	9/21/2018 10:01 AM
7	WAVES	9/21/2018 1:14 AM
8	Liverpool Fire Department	9/20/2018 9:02 PM
9	Onondaga County Sheriff's Office	9/20/2018 7:42 AM
10	Taunton Fire Department	9/20/2018 3:45 AM
11	Lysander fire	9/19/2018 3:53 PM
12	MAVES (Marcellus Ambulance)	9/18/2018 10:27 AM
13	Jordan Fire Department	9/18/2018 8:41 AM
14	Town of DeWitt Police Dept	9/18/2018 8:40 AM
15	Amber FD	9/17/2018 10:12 AM
16	Solvay Fire Department	9/17/2018 9:31 AM
17	DeWitt Fire District	9/17/2018 9:13 AM
18	North West Fire District	9/16/2018 8:21 PM
19	Clay Fire Department	9/16/2018 3:31 PM
20	Manlius Fire	9/16/2018 11:32 AM
21	Skaneateles Fire Department	9/15/2018 5:09 PM
22	Phoenix enterprise fire co#1	9/14/2018 7:44 PM
23	Lakeside fire district	9/14/2018 5:42 PM
24	Baldwinsville Fire Company	9/14/2018 5:10 PM

Q2 Type of services your department provides:

Answered: 24 Skipped: 1

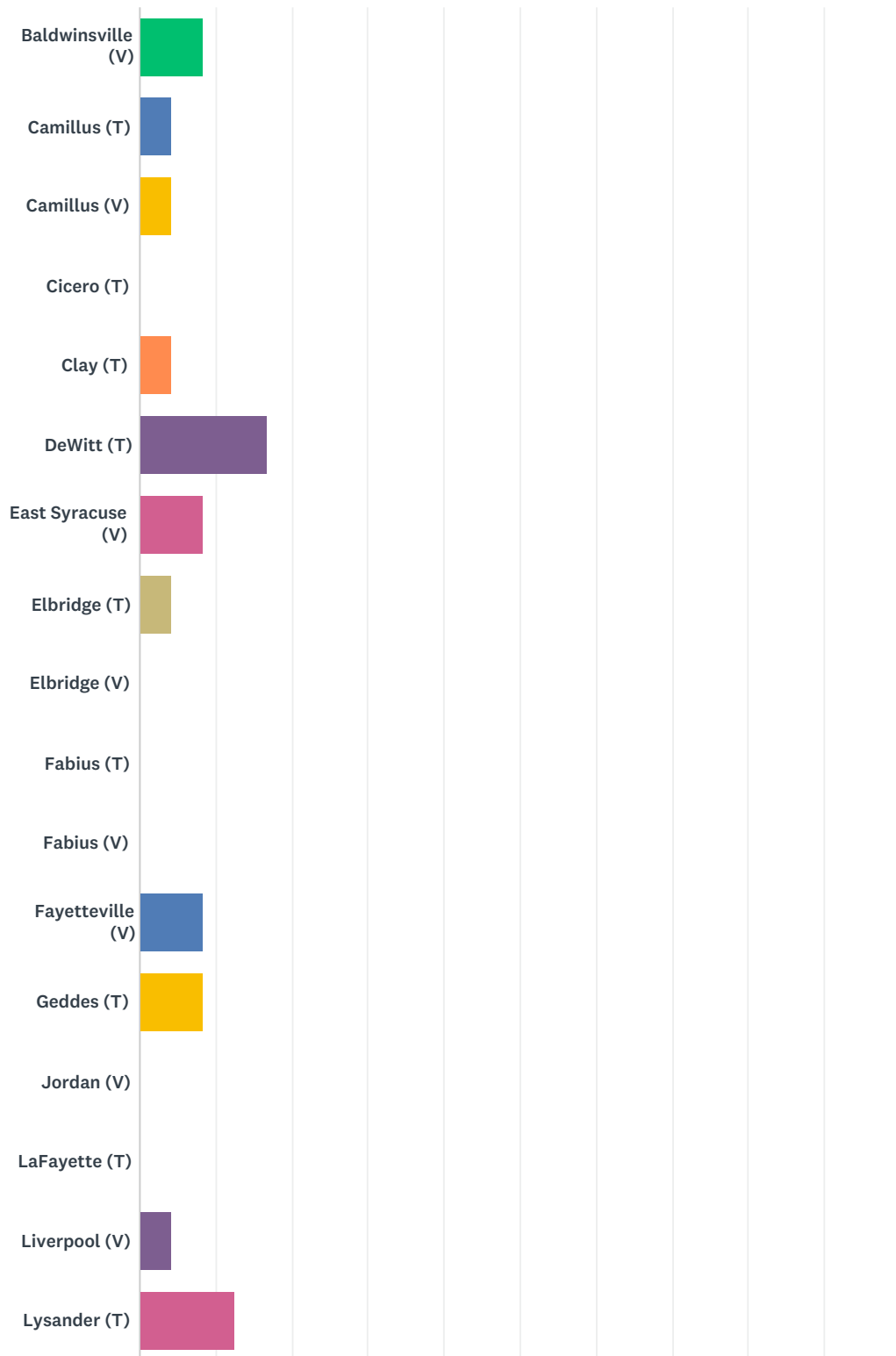


ANSWER CHOICES		RESPONSES	
Police		20.83%	5
Fire		66.67%	16
EMS		58.33%	14
Other (please specify)		8.33%	2
Total Respondents: 24			

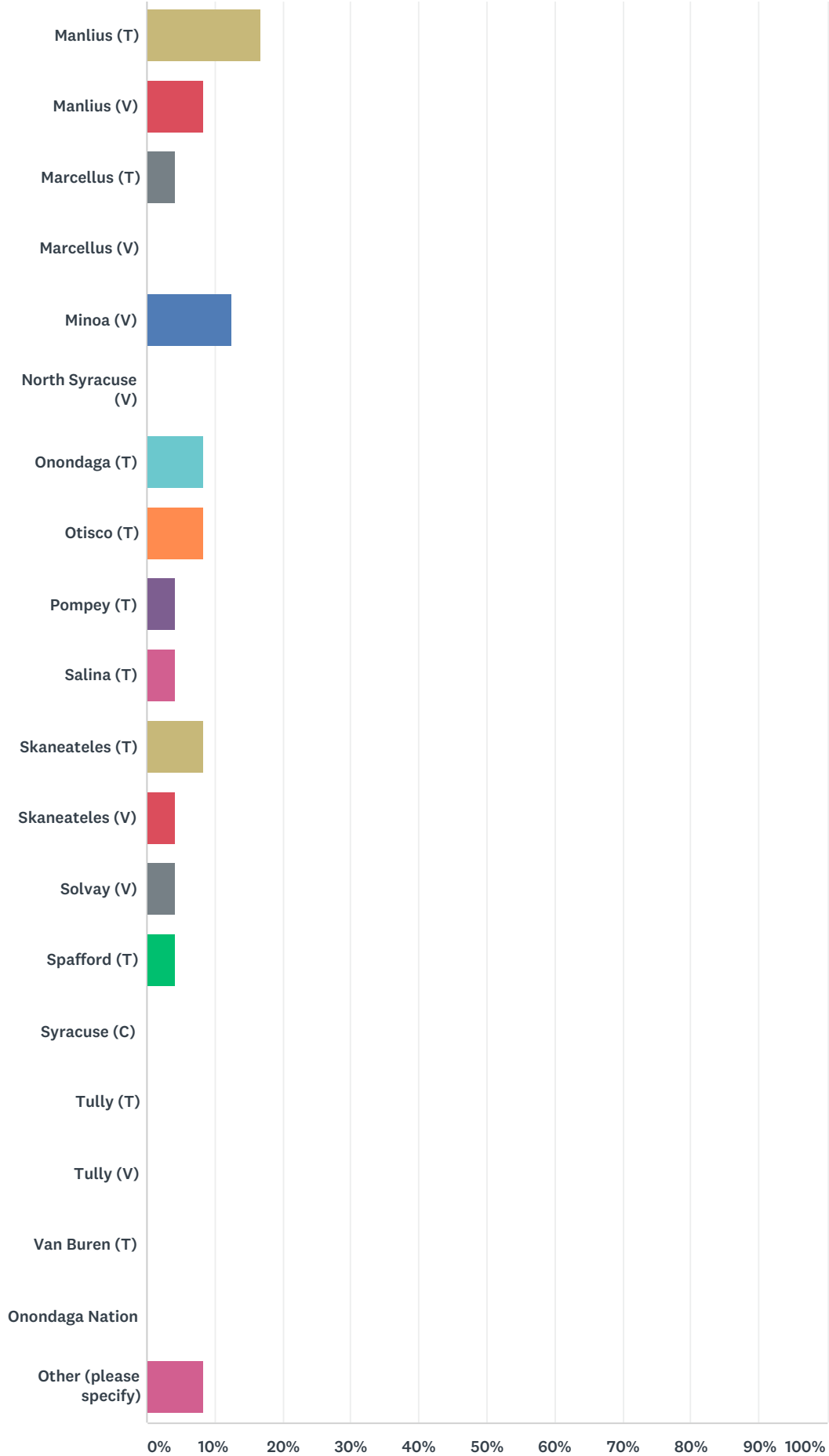
#	OTHER (PLEASE SPECIFY)	DATE
1	911	10/16/2018 10:49 AM
2	Dive team	9/14/2018 7:44 PM

Q3 Please identify the location of your facility(ies) and/or primary service area. You may choose more than one if your service area covers multiple communities, or "Onondaga County (entire area)" if your service area is county-wide:

Answered: 24 Skipped: 1



Onondaga County Hazard Mitigation Plan Update - Emergency Services Survey



Onondaga County Hazard Mitigation Plan Update - Emergency Services Survey

ANSWER CHOICES	RESPONSES	
Baldwinsville (V)	8.33%	2
Camillus (T)	4.17%	1
Camillus (V)	4.17%	1
Cicero (T)	0.00%	0
Clay (T)	4.17%	1
DeWitt (T)	16.67%	4
East Syracuse (V)	8.33%	2
Elbridge (T)	4.17%	1
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	8.33%	2
Geddes (T)	8.33%	2
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	4.17%	1
Lysander (T)	12.50%	3
Manlius (T)	16.67%	4
Manlius (V)	8.33%	2
Marcellus (T)	4.17%	1
Marcellus (V)	0.00%	0
Minoa (V)	12.50%	3
North Syracuse (V)	0.00%	0
Onondaga (T)	8.33%	2
Otisco (T)	8.33%	2
Pompey (T)	4.17%	1
Salina (T)	4.17%	1
Skaneateles (T)	8.33%	2
Skaneateles (V)	4.17%	1
Solvay (V)	4.17%	1
Spafford (T)	4.17%	1
Syracuse (C)	0.00%	0
Tully (T)	0.00%	0

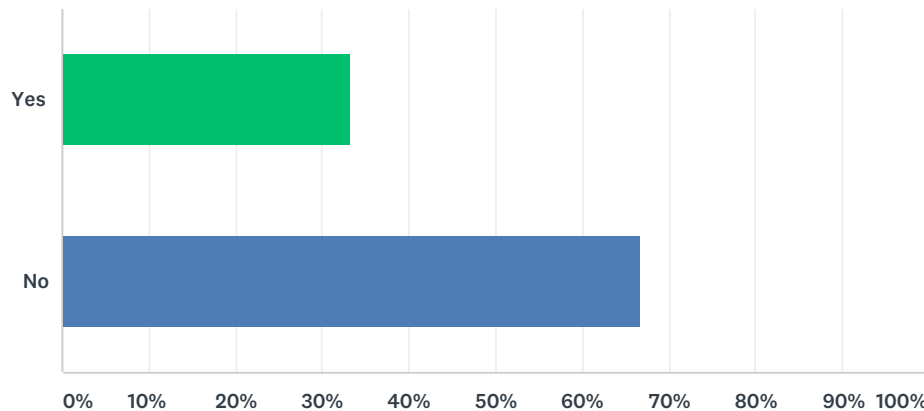
Onondaga County Hazard Mitigation Plan Update - Emergency Services Survey

Tully (V)	0.00%	0
Van Buren (T)	0.00%	0
Onondaga Nation	0.00%	0
Other (please specify)	8.33%	2
Total Respondents: 24		

#	OTHER (PLEASE SPECIFY)	DATE
1	ENTIRE AREA	10/16/2018 10:49 AM
2	Onondaga County (entire area)	9/20/2018 7:42 AM

Q4 Has your department been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 24 Skipped: 1

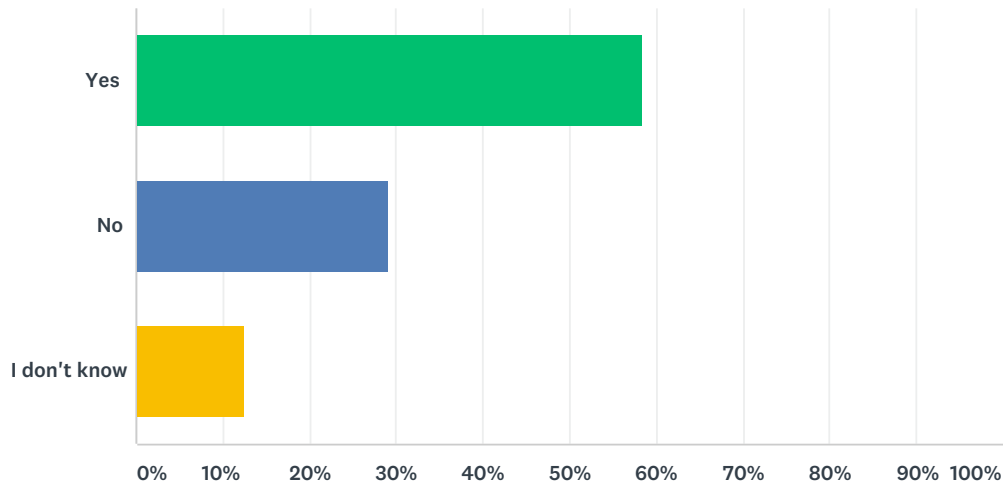


ANSWER CHOICES	RESPONSES
Yes	33.33% 8
No	66.67% 16
TOTAL	24

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
1	BESIDE THE OBVIOUS IMPACT OF NATURAL HAZARD EVENTS ON A 911 CENTER, IMPACT HAS MAINLY BEEN THE ABILITY TO LEAVE OR RESPOND TO THE 911 DURING WEATHER RELATED EVENTS FOR SHIFT CHANGE.	10/16/2018 10:49 AM
2	Flood, storms with high winds	9/26/2018 11:11 AM
3	Offices Closed for two consecutive days due to snow storm. Labor Day storm with widespread damage and power outages. Constant flooding of Property & Evidence storage facility.	9/20/2018 7:42 AM
4	1998 Labor Day storm, extended outage of electric service, road closures and local services	9/18/2018 10:27 AM
5	Labor Day storm - loss of power, road closures due to fallen trees. Flooding - loss of power, road closures, home/basement damage	9/18/2018 8:40 AM
6	Various weather events over the past several years, causing interruption of utilities, service provision.	9/17/2018 9:13 AM
7	Winter storms, wind/rain, flooding	9/16/2018 8:21 PM
8	Labor Day Storm 20 year ago	9/16/2018 11:32 AM

Q5 Do you think that critical and essential facilities (incl. fire departments, police stations, EMS, hospitals and medical centers) are disaster-resistant (e.g. are properly located and constructed, and have back-up power as appropriate)?

Answered: 24 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	58.33%	14
No	29.17%	7
I don't know	12.50%	3
TOTAL		24

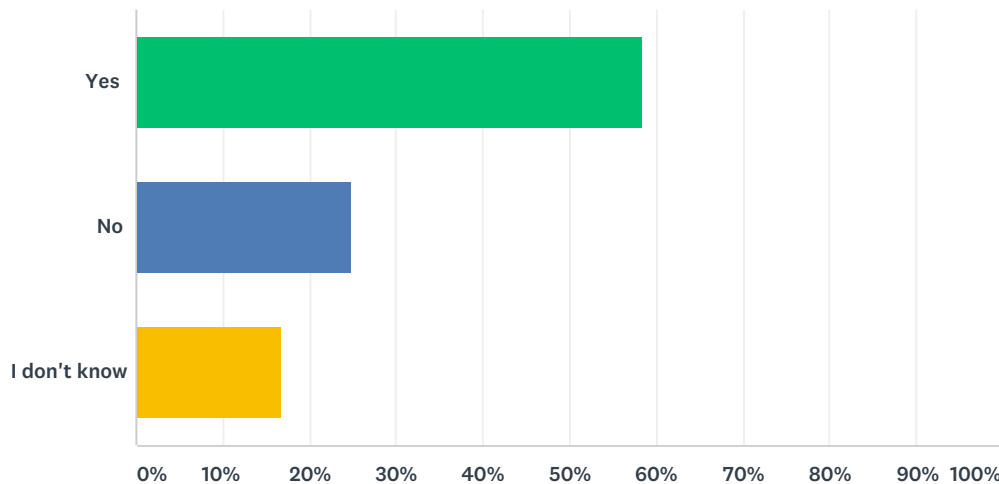
#	PLEASE EXPLAIN	DATE
1	I FEEL OUR BUILDING IS ADEQUATE IN LOCATION, CONSTRUCTION AND POWER.	10/16/2018 10:49 AM
2	Police facility is totally inadequate to endure any type of disaster, especially a long term event.	9/26/2018 11:11 AM
3	To a certain extent. We have backup generators at each of our 3 stations.	9/20/2018 9:02 PM
4	More often than not, they seem to be located in older buildings that out-lived their original purpose. In Onondaga County especially, other than the 911 Center, all the critical facilities are in older buildings that have been repurposed and are far from being complete, prepared and efficient to handle their current assignment, let alone perform well in a disaster.	9/20/2018 7:42 AM
5	Most firehouses in this county are dated, and might not be able to hold up structurally to severe conditions. Additionally, utilities are run down: generators are not tested, emergency electric and phones are not established, dry goods/water/ice is not stored properly, etc.	9/20/2018 3:45 AM
6	Our facility is fully generator backup powered. Building is located outside populated area and raised away from water hazards.	9/18/2018 10:27 AM
7	Some are disaster-resistant, but some are not. Depends on when they were constructed and what school of thought went into the development of these facilities.	9/18/2018 8:40 AM
8	If they are not they need to be. These facilities will operate as a base for emergency response in each community as well as on the County level.	9/17/2018 9:31 AM

Onondaga County Hazard Mitigation Plan Update - Emergency Services Survey

9	I believe that most in our area have back-up power at this point however location is not necessarily ideal relative to disaster resistance, strategic placement or overall protection from threats (natural and other). Durability and construction is varied as well, most newer facilities are adequate.	9/17/2018 9:13 AM
10	3 of our 4 stations have auxiliary power	9/16/2018 8:21 PM
11	Our new fire station is.	9/16/2018 11:32 AM
12	I know some departments have back up power. But they could be in trouble if they lose natural gas service.	9/14/2018 7:44 PM
13	Lakeside fire Station and Lakeside recreation Hall both have full Generators and are set to handle community wide disasters.	9/14/2018 5:42 PM
14	Such locations need to open overhead doors, maintain radio communication and can serve as emergency shelter for the populatuion	9/14/2018 5:10 PM

Q6 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards?

Answered: 24 Skipped: 1

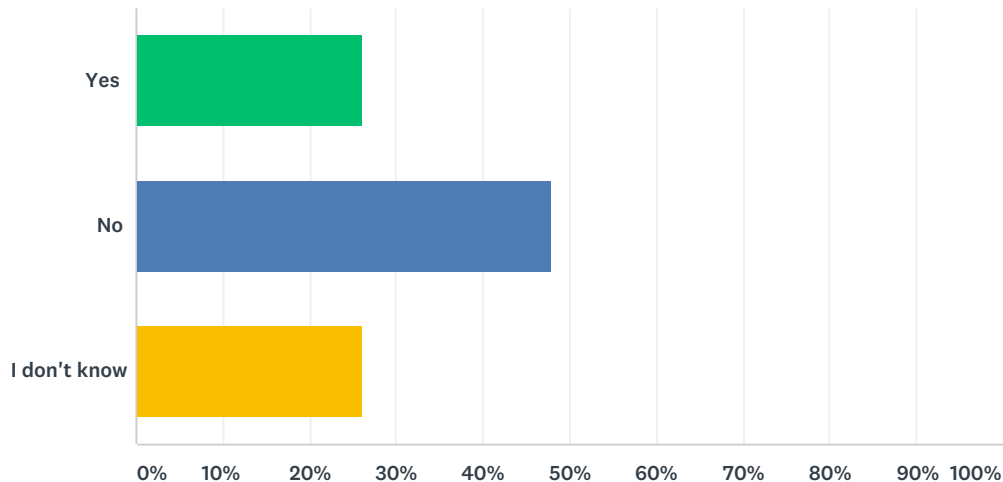


ANSWER CHOICES	RESPONSES	
Yes	58.33%	14
No	25.00%	6
I don't know	16.67%	4
TOTAL		24

#	PLEASE EXPLAIN	DATE
1	MANY OF OUR BRIDGES THOUGHOUT THE COUNTY NEED WORK TO REMAIN SAFE.	10/16/2018 10:49 AM
2	There have been several incidents in our district where roads are closed due to flooding from creeks full of debris.	9/21/2018 10:01 AM
3	For the most part, yes. Even though there might not be one major highway that can handle all the traffic if another major highway needs closing, there are certainly plenty of options to spread that resulting traffic between other highways and local roads. The biggest issue, and it boggles my mind, is the locals here seem to only know ONE way to get anywhere - and when that one route is closed, they simply panic and do not know what to do. Think ahead people - plan and prepare.	9/20/2018 7:42 AM
4	Secondary streets intersect primary roads and can be used for detours and bypasses.	9/20/2018 3:45 AM
5	Located on State highway with County and Town garage within 1 mile	9/18/2018 10:27 AM
6	Some might be, but others are located in a flood plane.	9/18/2018 8:40 AM
7	Some but not all of the infrastructure is very old and in need of upgrades.	9/17/2018 9:31 AM
8	Depends on the severity	9/16/2018 8:21 PM
9	Lift bridge in Phoenix is frequently broke down sometime prevent crossing to other portion of our district.	9/14/2018 7:44 PM

Q7 Do you think that the utility infrastructure in the County (specifically electricity and communications) is sufficiently disaster-resistant to support emergency services (police, fire, and EMS) after natural hazard events?

Answered: 23 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	26.09%	6
No	47.83%	11
I don't know	26.09%	6
TOTAL		23

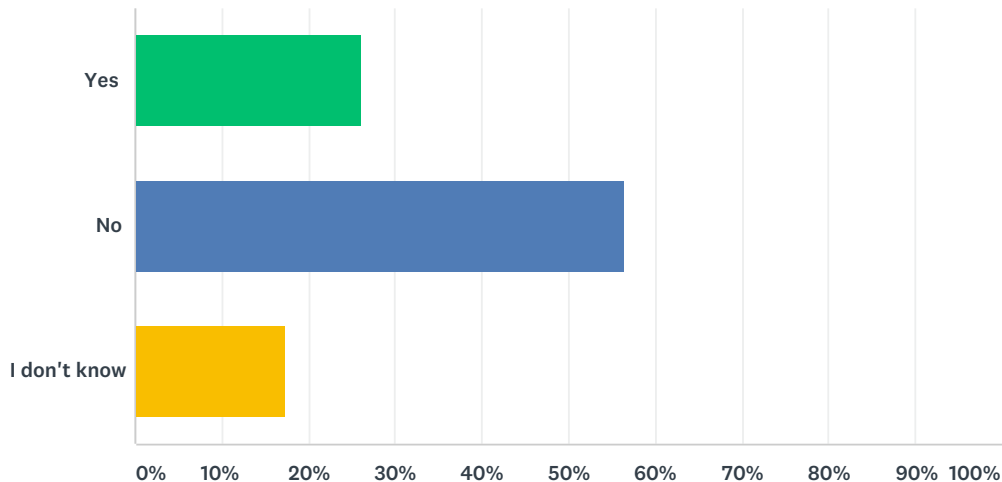
#	PLEASE EXPLAIN	DATE
1	All utilities are a very aged system that is in desperate need of major upgrades.	12/28/2018 5:35 PM
2	There should be mutual aid agreements in place beyond the NYS GML as well as county wide training available.	9/26/2018 11:20 AM
3	The electrical infrastructure is old and out dated. The above ground power pole system is old and brittle. It doesn't take an awful light to knock the poles down and put the electrical service out of business.	9/20/2018 12:41 PM
4	Communications is light years ahead of the electricity utility, but without electricity, the radio and cell phone abilities are severely limited. As long as we can keep radio towers and cell sites powered, we have an amazing emergency communications network. I know most, if not all of our emergency radio facilities have back-up generators, but not so sure about cell sites. All cell providers should be required to have back-up generators at all their sites.	9/20/2018 8:00 AM
5	Redundancy in the 911 system and the repeatability of the radio systems lends to durability during traditional utility loss.	9/20/2018 3:57 AM
6	Not sure, hoping it will be someday.	9/18/2018 8:45 AM
7	I believe that the communication system is robust, however I am aware of occasions that the system at the main center went down and the backup site was not utilized. This is a managerial issue.	9/17/2018 9:39 AM
8	We still have many power lines on poles. Underground service would be a benefit I think	9/16/2018 8:28 PM

Onondaga County Hazard Mitigation Plan Update - Emergency Services Survey

9	I feel the radio and communications system can always be upgraded, as this is our primary communication route.	9/14/2018 5:46 PM
10	The Labor Day storm and straight line winds impact utilities all the time. Hence the need for backup power at critical facilities	9/14/2018 5:16 PM

Q8 Do you think that local public education and outreach programs are effective at informing residents on how to prepare for and reduce their risk to natural hazards, so as not to increase the need for emergency services during events?

Answered: 23 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	26.09%	6
No	56.52%	13
I don't know	17.39%	4
TOTAL		23

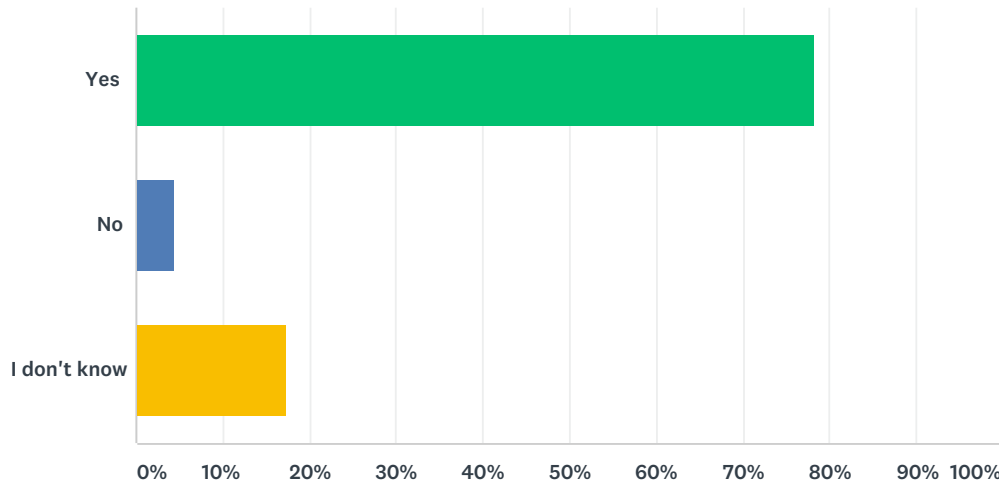
#	PLEASE EXPLAIN	DATE
1	People nowadays rely on the government for everything. In the event of any emergency, the public will flood any type of resources sent to help the area.	12/28/2018 5:35 PM
2	More can be done.	9/26/2018 11:20 AM
3	Yes the effort is being made to have people prepare for an event. The problem is that you can't get people to take it serious and actually prepare. Some how the planning people need to get the public to take things more seriously.	9/20/2018 12:41 PM
4	The programs themselves are fairly well laid out and publicized, but, as stated earlier with traffic routes, the general public here doesn't seem to pay attention until after something happens. Then they panic and don't know what to do. Maybe every work place, public and private, should be provided with these emergency preparedness programs and actually perform their own in-house training just to try and further the message. Maybe even the local schools and colleges should have an class once or twice a year for students and faculty alike. Perhaps even a topic for "superintendent conference days". All local school bus and mass transit carriers should be taught about alternate detour routes and how/when to use them.	9/20/2018 8:00 AM
5	Preparation steps and home response kits are well advertised. A better job needs to be done to educate individuals on how to lower the non emergency/service calls and when and when not to call 911.	9/20/2018 3:57 AM
6	Communication system that informs community of events, situations, emergencies is excellent.	9/18/2018 10:32 AM
7	But sometimes the public doesn't heed this information well.	9/18/2018 8:45 AM

Onondaga County Hazard Mitigation Plan Update - Emergency Services Survey

8	Mainly due to apathy of the general public and resources are not always available to provide the service.	9/17/2018 9:39 AM
9	Need more public education	9/16/2018 8:28 PM
10	There are numerous calls for cellar pumping details that are not a priority when a larger scale incident occurs.	9/15/2018 5:12 PM
11	There are no programs that I know of that teach disaster preparedness offered anywhere in the county	9/14/2018 5:16 PM

Q9 Do you think that road closure and pending road closure announcements are sufficiently accurate and available to support your department's functions during natural hazard events?

Answered: 23 Skipped: 2

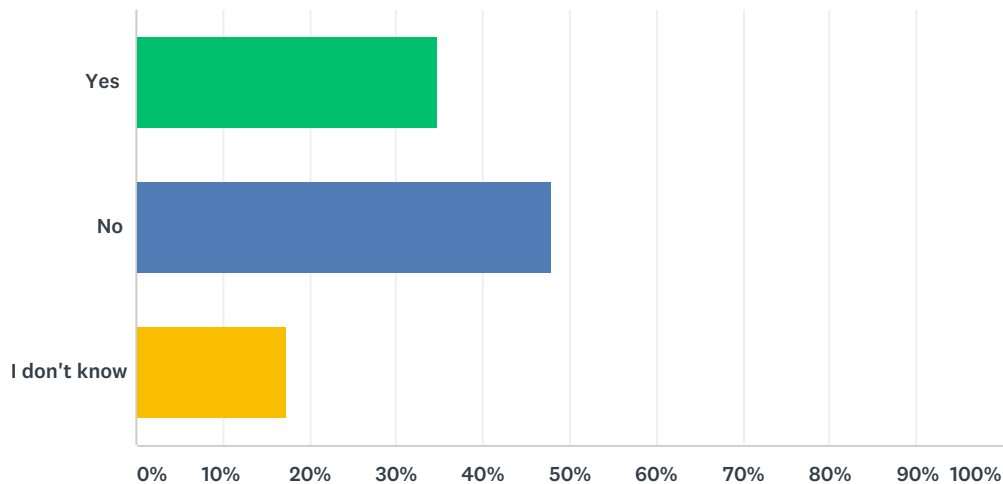


ANSWER CHOICES	RESPONSES	
Yes	78.26%	18
No	4.35%	1
I don't know	17.39%	4
TOTAL		23

#	PLEASE EXPLAIN	DATE
1	Fairly accurate and timely for planned events. Less so for sudden, unplanned closures.	9/20/2018 8:00 AM
2	We receive fax communications from Onondaga County of road closures. A text message system and/or email would be appreciated. If it exists, our agency has not been informed	9/18/2018 10:32 AM
3	With everyone using cell phones, they can receive quicker safety alerts and notifications.	9/18/2018 8:45 AM

Q10 Do you think that the public knows about, understands, and/or takes advantage of the County's emergency warning and notification systems (reverse 911, NY-Alert, audible alerts, call and text services)?

Answered: 23 Skipped: 2

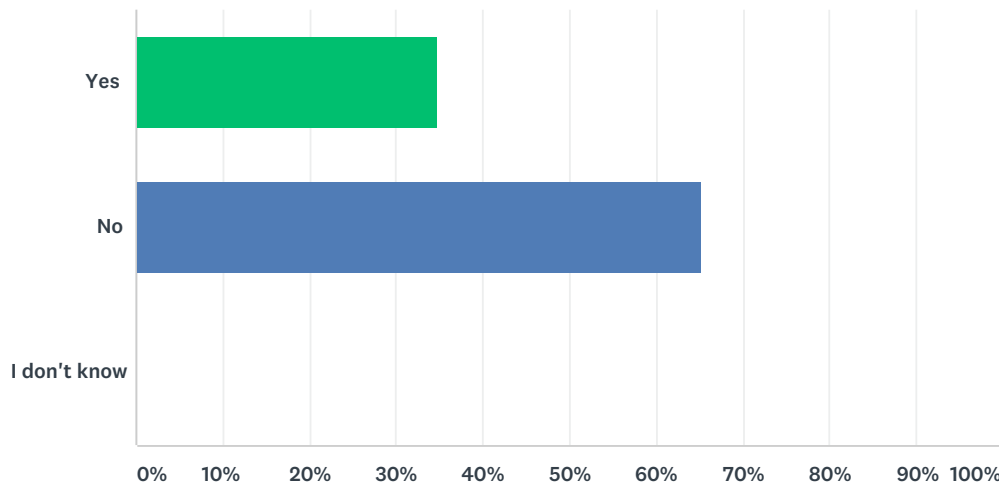


ANSWER CHOICES	RESPONSES
Yes	34.78% 8
No	47.83% 11
I don't know	17.39% 4
TOTAL	23

#	PLEASE EXPLAIN	DATE
1	A majority of people do not have landlines and are unaware they need to register their cell phones with the local 911 center thru the 911 website.	12/28/2018 5:35 PM
2	NY Alerts is underutilized.	9/26/2018 11:20 AM
3	Some citizens do.	9/20/2018 9:04 PM
4	Again, the effort is being made by the 911 center but we have no way of knowing how successful that effort will be until it is put to a real test.	9/20/2018 12:41 PM
5	As stated earlier, the public seems to ignore any preparatory warnings and only reacts (or over reacts) when any event actually happens.	9/20/2018 8:00 AM
6	I have not seen any advertising for these services, and could not speak to the public about them as a first responder.	9/20/2018 3:57 AM
7	Sometimes, but again sometimes they do not heed these warnings.	9/18/2018 8:45 AM
8	Again public apathy is the main culprit.	9/17/2018 9:39 AM
9	not sure how much the public really understands. Probably more education on this topic is needed	9/16/2018 8:28 PM

Q11 Do you think that your department/district works to inform your constituents of how they can better manage their risk to natural hazards (e.g. proper use of portable generators, driving during storms, etc.)?

Answered: 23 Skipped: 2

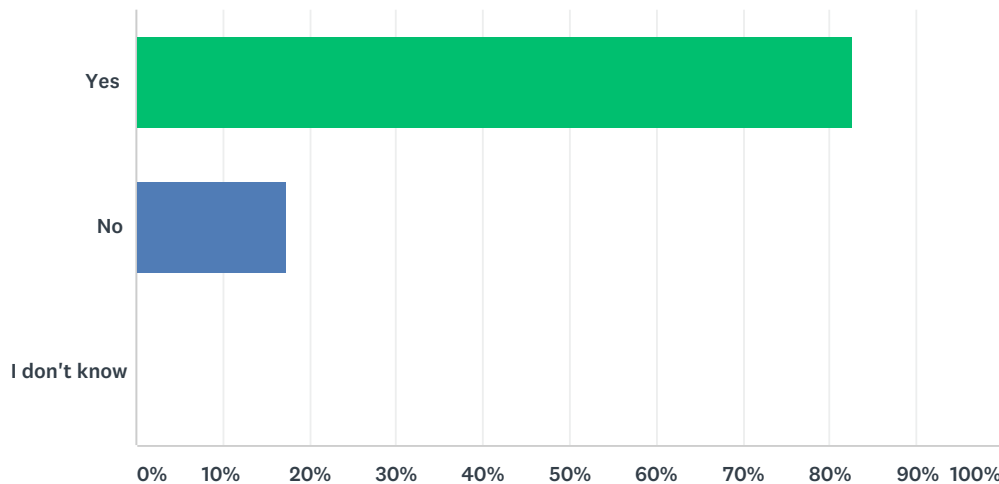


ANSWER CHOICES	RESPONSES	
Yes	34.78%	8
No	65.22%	15
I don't know	0.00%	0
TOTAL		23

#	PLEASE EXPLAIN	DATE
1	MY DEPARTMENT, YES.	10/16/2018 10:58 AM
2	Again, the information is provided, but you can't make people listen, read and understand.	9/20/2018 8:00 AM
3	My department is very restrictive towards public interaction. I would like there to be a more open policy with emergency preparations.	9/20/2018 3:57 AM
4	It is outside of our scope of operation	9/18/2018 10:32 AM
5	In DeWitt and Manlius we are part of the CRC (Critical Response Committee) which meets monthly and conducts a large scale table top exercise every fall involving all/multiple disciplines.	9/18/2018 8:45 AM
6	I believe that we can do a better job, we try to keep the public informed but don't think we are reaching everyone.	9/17/2018 9:39 AM
7	Not as well as we should.	9/16/2018 8:28 PM
8	our organization does not supply the community with generators	9/14/2018 5:46 PM
9	It is probably up to us to develop the programs to instruct the public in these matters.	9/14/2018 5:16 PM

Q12 Do you feel that your department's emergency response planning, services, and equipment are adequate to manage and respond properly to natural disasters in your community?

Answered: 23 Skipped: 2

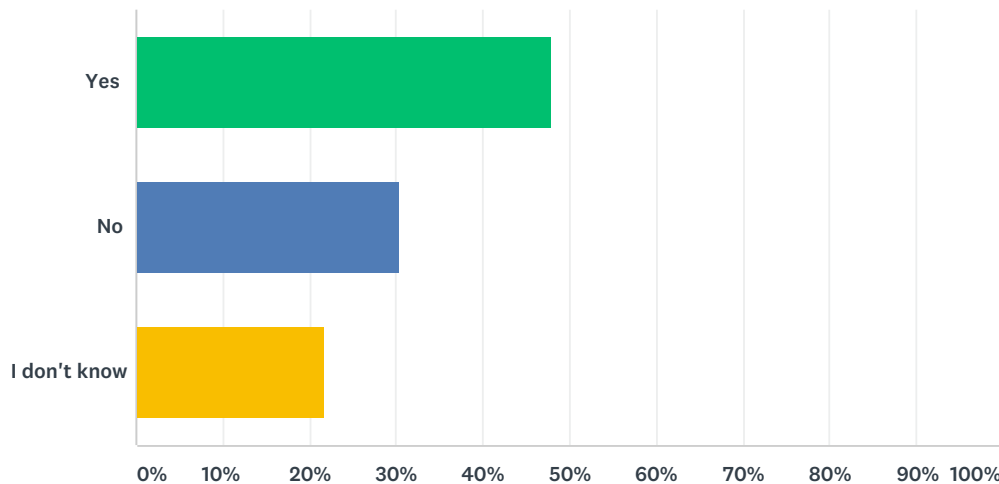


ANSWER CHOICES	RESPONSES	
Yes	82.61%	19
No	17.39%	4
I don't know	0.00%	0
TOTAL		23

#	PLEASE EXPLAIN	DATE
1	Our efforts with the Eastern Critical Response Committee CRC is very progressive.	9/26/2018 11:20 AM
2	Not without mutual aid	9/20/2018 9:04 PM
3	We are prepared for the "short term" event. Any thing that is more than a few days in duration would become unmanageable.	9/20/2018 12:41 PM
4	We have obtained several more 4-wd vehicles for inclement weather and off-road operation, but as far as generators and emergency power for daily operations, we are far from adequate.	9/20/2018 8:00 AM
5	Our apparatus and training is well suited to our district, but the majority of our membership is made up of individuals who do not reside in our district and would not be able to respond in an emergency.	9/20/2018 3:57 AM
6	We are hoping so, being a duly accredited police department we follow strict policies and procedures not only at the state level, but federal as well.	9/18/2018 8:45 AM
7	We have recently started to evaluate how much each department has available. I feel we have adequate for a minor disaster, however we need to plan on a larger scale.	9/16/2018 8:28 PM
8	We have the manpower and expertise to assist when and where needed.	9/14/2018 5:16 PM

Q13 Do you think that local government understands, supports, and possess the resources for natural hazard risk reduction efforts in the community?

Answered: 23 Skipped: 2

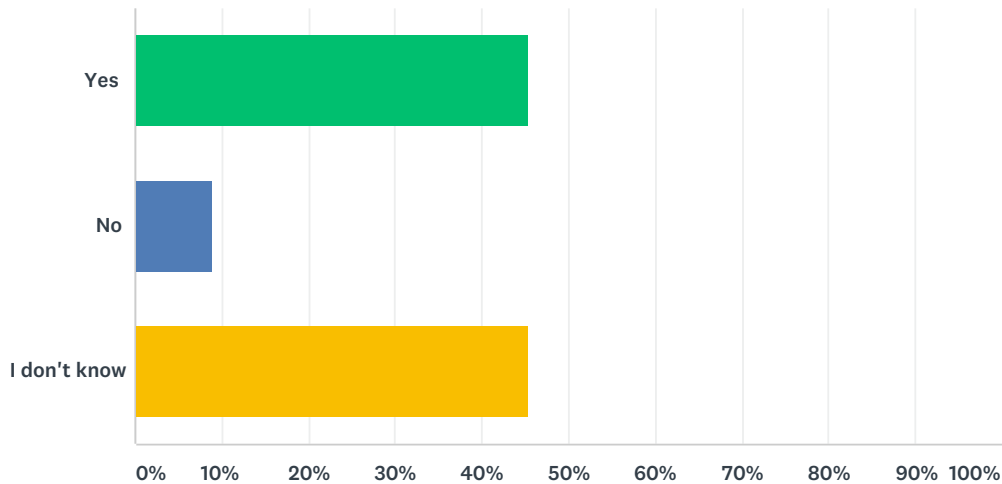


ANSWER CHOICES	RESPONSES	
Yes	47.83%	11
No	30.43%	7
I don't know	21.74%	5
TOTAL		23

#	PLEASE EXPLAIN	DATE
1	Understands - yes. Supports - for the most part. Possesses the resources - not nearly enough to do what we need to or should be able to accomplish. We can plan all we want, but without the funding for the necessary equipment, we're all talk and no action.	9/20/2018 8:00 AM
2	The local municipality lacks the ICS training and could not adequately initiate the process should an emergency occur.	9/20/2018 3:57 AM
3	The County has demonstrated this capability in the past.	9/18/2018 10:32 AM
4	I am hopeful that they do.	9/18/2018 8:45 AM
5	I believe they are trying to do so, however there is more work to be done.	9/17/2018 9:39 AM
6	Again, no formal instructions programs exist.	9/14/2018 5:16 PM

Q14 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum essential functions during any situation, and support the continuance of your organization's functions.

Answered: 22 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	45.45%	10
No	9.09%	2
I don't know	45.45%	10
TOTAL		22

#	IF "YES", PLEASE EXPLAIN.	DATE
1	We have mutual aid agreements with surrounding agencies.	12/28/2018 5:35 PM
2	TMPD maintains both CALEA and NY State Accreditation which require COOP planning.	9/26/2018 11:20 AM
3	We have a continuity of operations plan	9/20/2018 9:04 PM
4	We have a departmental general order that lays out the plan.	9/20/2018 8:00 AM
5	We have to have a COOP plan for accreditation.	9/18/2018 8:45 AM
6	We do not have a formal plan in place, we need to work on that.	9/17/2018 9:39 AM
7	As I mentioned earlier, the departments in our town meet regularly to discuss common problems and plan for possible disasters.	9/16/2018 8:28 PM

Q15 Can you identify projects or programs that you have implemented to reduce your department's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 12 Skipped: 13

#	RESPONSES	DATE
1	Emergency Operations Manual and our on-going commitment to the Critical Response Committee.	9/26/2018 11:23 AM
2	None	9/20/2018 3:58 AM
3	Town/village emergency disaster committee. But hasn't been updated in quite some time	9/18/2018 10:33 AM
4	COOP plan, second back up site, emergency mobilization of all staff at PD.	9/18/2018 8:46 AM
5	Added a generator for Building function.	9/18/2018 8:45 AM
6	Since the Labor Day Storm of 1998 we have emergency power and have constructed a main facility with operations to handle those vulnerabilities.	9/17/2018 9:42 AM
7	We have number of procedures and safeguards in place to address loss of utilities, facility, apparatus and personnel through mutual aid agreements and	9/17/2018 9:28 AM
8	We have in place an "unusual event" policy for the hazards that we feel might affect us	9/16/2018 8:33 PM
9	No	9/16/2018 11:35 AM
10	All 3 stations are able to support their own operations without reliance on municipal power.	9/15/2018 5:14 PM
11	we have upgraded equipment, installed generators,	9/14/2018 5:50 PM
12	No specifics	9/14/2018 5:17 PM

Q16 Can you identify projects or programs that will reduce your department's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 11 Skipped: 14

#	RESPONSES	DATE
1	Currently creating a Strategic Plan which will include building a new town facility.	9/26/2018 11:23 AM
2	Emergency back-up power sources to allow for continued operation and computer access. Also back-up power for various fuel facilities to allow gate access and keep emergency vehicles running as necessary.	9/20/2018 8:05 AM
3	No	9/20/2018 3:58 AM
4	Funds to updated equipment and training.	9/18/2018 8:46 AM
5	Added more up to date thermal codes and make building more productive and safe.	9/18/2018 8:45 AM
6	No special programs other than standard operating procedures that address specific situations.	9/17/2018 9:28 AM
7	Most of our fire station have auxiliary power, however we lack the facility to house firefighters and the public in our facilities.	9/16/2018 8:33 PM
8	A mutual aid/county-wide plan would be helpful.	9/16/2018 11:35 AM
9	N/A	9/15/2018 5:14 PM
10	the Fire district has up graded the facility, (roof, sprinklers, heating, and door soon)	9/14/2018 5:50 PM
11	No specifics	9/14/2018 5:17 PM

Q17 Do you have any other comments, questions, or concerns?

Answered: 7 Skipped: 18

#	RESPONSES	DATE
1	No	9/20/2018 3:58 AM
2	No	9/18/2018 8:46 AM
3	This survey has stimulated the discussion for us to evaluate how many separate procedures inter-relate and we will be reviewing and updating.	9/17/2018 9:28 AM
4	We , as I said have done some preliminary planning, however I feel it's just the tip of the iceberg. Any additional help that the county can give is appreciated.	9/16/2018 8:33 PM
5	No	9/16/2018 11:35 AM
6	N/A	9/15/2018 5:14 PM
7	No	9/14/2018 5:17 PM

Q18 Name of respondent:

Answered: 15 Skipped: 10

#	RESPONSES	DATE
1		9/26/2018 11:23 AM
2		9/20/2018 9:05 PM
3		9/20/2018 8:05 AM
4		9/20/2018 3:58 AM
5		9/18/2018 10:33 AM
6		9/18/2018 8:46 AM
7		9/18/2018 8:45 AM
8		9/17/2018 12:45 PM
9		9/17/2018 9:42 AM
10		9/17/2018 9:28 AM
11		9/16/2018 8:33 PM
12		9/16/2018 11:35 AM
13		9/15/2018 5:14 PM
14		9/14/2018 5:50 PM
15		9/14/2018 5:17 PM

Q19 Contact information (email address or phone number) - optional:

Answered: 13 Skipped: 12

#	RESPONSES	DATE
1		9/26/2018 11:23 AM
2		9/20/2018 9:05 PM
3	/ (315) 435-3273	9/20/2018 8:05 AM
4		9/20/2018 3:58 AM
5		9/18/2018 10:33 AM
6		9/18/2018 8:46 AM
7		9/18/2018 8:45 AM
8		9/17/2018 12:45 PM
9		9/17/2018 9:42 AM
10		9/17/2018 9:28 AM
11		9/16/2018 8:33 PM
12		9/15/2018 5:14 PM
13		9/14/2018 5:50 PM

Q1 Name of your health care facility:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	SUNY Upstate Medical University	10/2/2018 10:14 AM

Q2 Please identify the location of your facility(ies) and/or primary service area. You may choose more than one if your service area covers multiple communities, or "Onondaga County (entire area)" if your service area is county-wide:

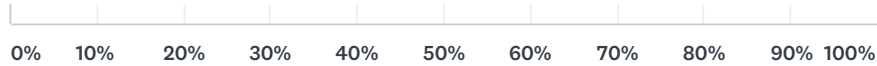
Answered: 1 Skipped: 0



Onondaga County Hazard Mitigation Plan Update - Hospital and Health Care Provider Survey

Lysander (T)										
Manlius (T)										
Manlius (V)										
Marcellus (T)										
Marcellus (V)										
Minoa (V)										
North Syracuse (V)										
Onondaga (T)										
Onondaga Nation										
Otisco (T)										
Pompey (T)										
Salina (T)										
Skaneateles (T)										
Skaneateles (V)										
Solvay (V)										
Spafford (T)										
Syracuse (C)										
Tully (T)										
Tully (V)										
Van Buren (T)										
Other (please specify)										

Onondaga County Hazard Mitigation Plan Update - Hospital and Health Care Provider Survey



ANSWER CHOICES	RESPONSES	
Onondaga County (entire area)	100.00%	1
Baldwinsville (V)	0.00%	0
Camillus (T)	0.00%	0
Camillus (V)	0.00%	0
Cicero (T)	0.00%	0
Clay (T)	0.00%	0
DeWitt (T)	0.00%	0
East Syracuse (V)	0.00%	0
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	0.00%	0
Geddes (T)	0.00%	0
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	0.00%	0
Lysander (T)	0.00%	0
Manlius (T)	0.00%	0
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	0.00%	0
Minoa (V)	0.00%	0
North Syracuse (V)	0.00%	0
Onondaga (T)	0.00%	0
Onondaga Nation	0.00%	0
Otisco (T)	0.00%	0
Pompey (T)	0.00%	0
Salina (T)	0.00%	0
Skaneateles (T)	0.00%	0
Skaneateles (V)	0.00%	0
Solvay (V)	0.00%	0

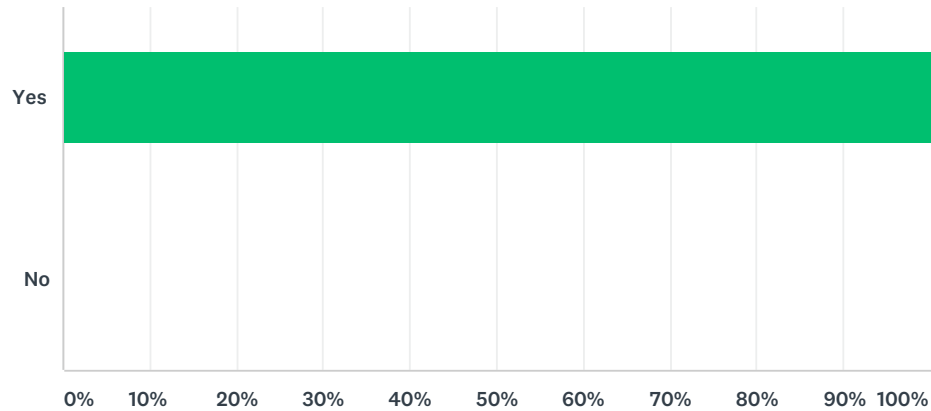
Onondaga County Hazard Mitigation Plan Update - Hospital and Health Care Provider Survey

Spafford (T)	0.00%	0
Syracuse (C)	0.00%	0
Tully (T)	0.00%	0
Tully (V)	0.00%	0
Van Buren (T)	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 1		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q3 Have your facilities been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 1 Skipped: 0

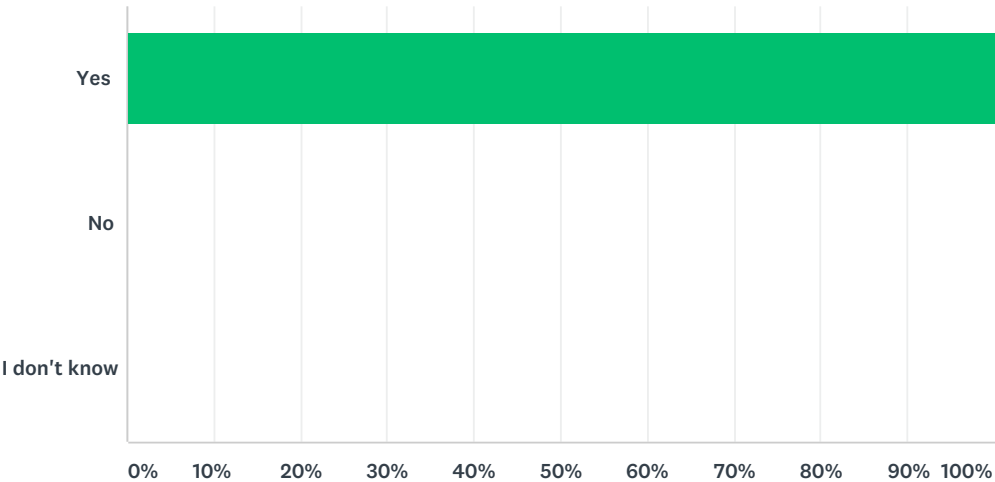


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
TOTAL		1

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
1	Winter storms have impacted normal operations	10/2/2018 10:14 AM

Q4 Do you think that critical and essential facilities (including hospitals and medical centers, EMS facilities, schools, etc.) are disaster-resistant (e.g. are properly located and constructed, and have back-up power as appropriate)?

Answered: 1 Skipped: 0

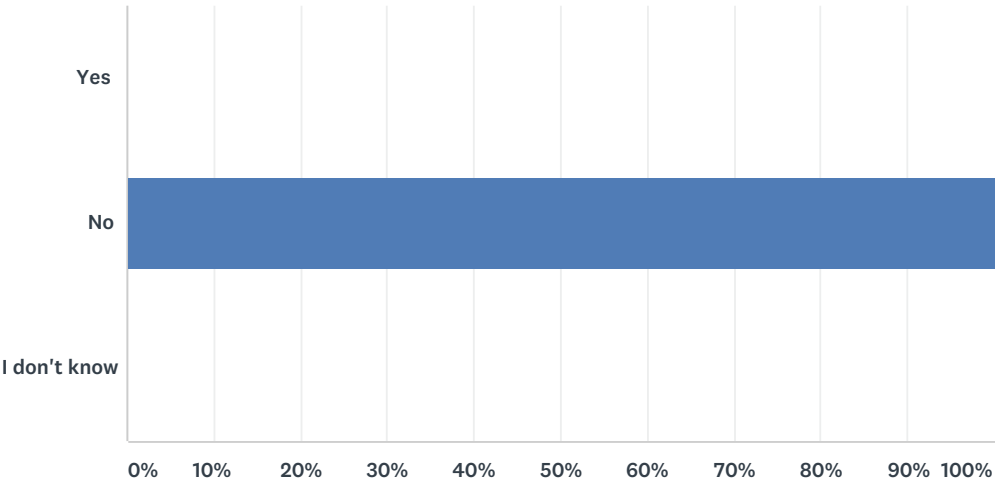


ANSWER CHOICES		RESPONSES	
Yes		100.00%	1
No		0.00%	0
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q5 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to hazard events?

Answered: 1 Skipped: 0

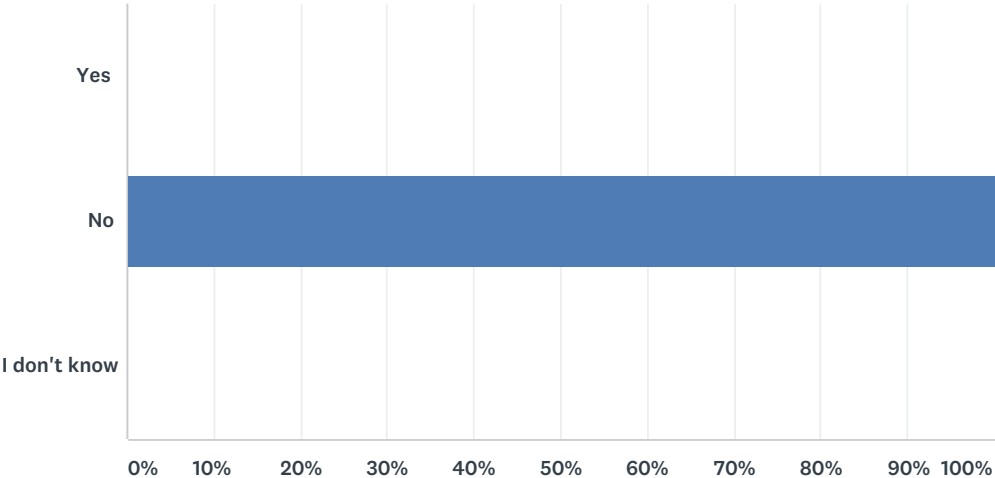


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	1
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q6 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support your facility's health care functions during and after hazard events?

Answered: 1 Skipped: 0

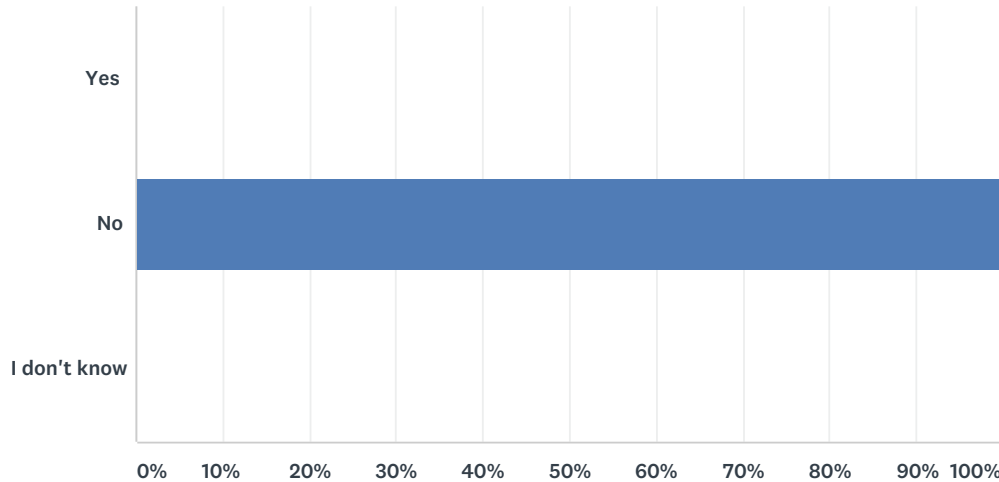


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	1
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q7 Do you think that local public education and awareness programs are effective at informing the public on what they should do to be prepared for and reduce their personal risk to disasters, so as not to increase the need for health care services during hazard events?

Answered: 1 Skipped: 0

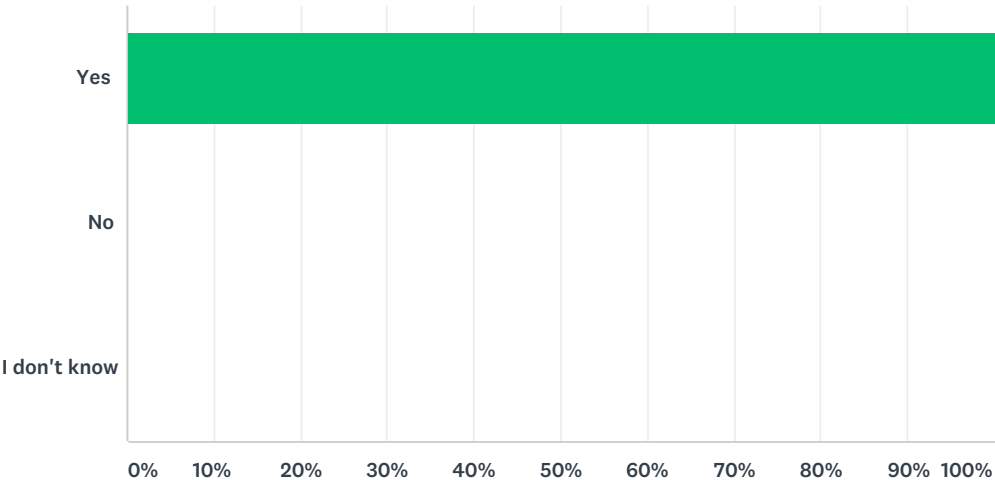


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	1
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
1	The public can always be more educated.	10/2/2018 10:15 AM

Q8 Do you think that announcements of road closures and pending road closures are sufficiently accurate and available to support hospital functions during hazard events?

Answered: 1 Skipped: 0

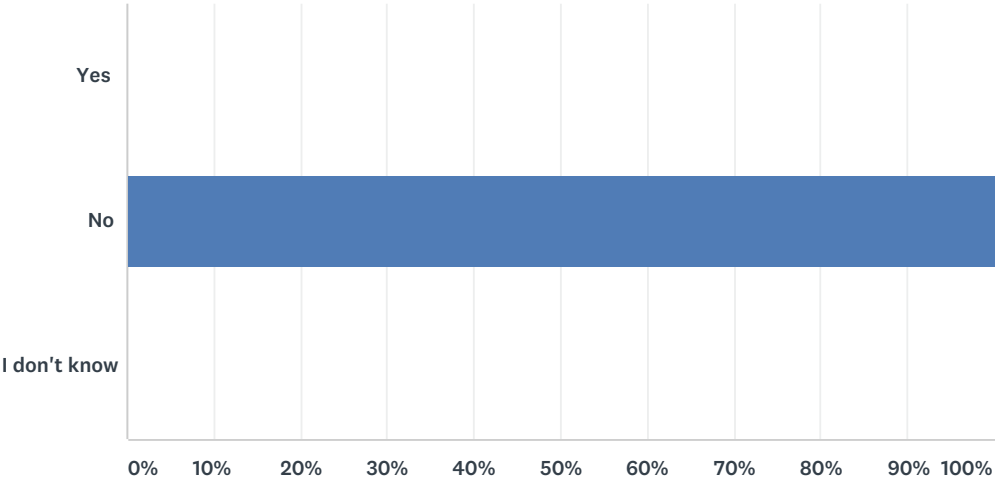


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
I don't know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q9 Do you think that the public is aware of, understands, and takes advantage of emergency warning and notification systems and services (reverse 911, PERS, audible alerts, cell and text services, Hyper-Reach)?

Answered: 1 Skipped: 0

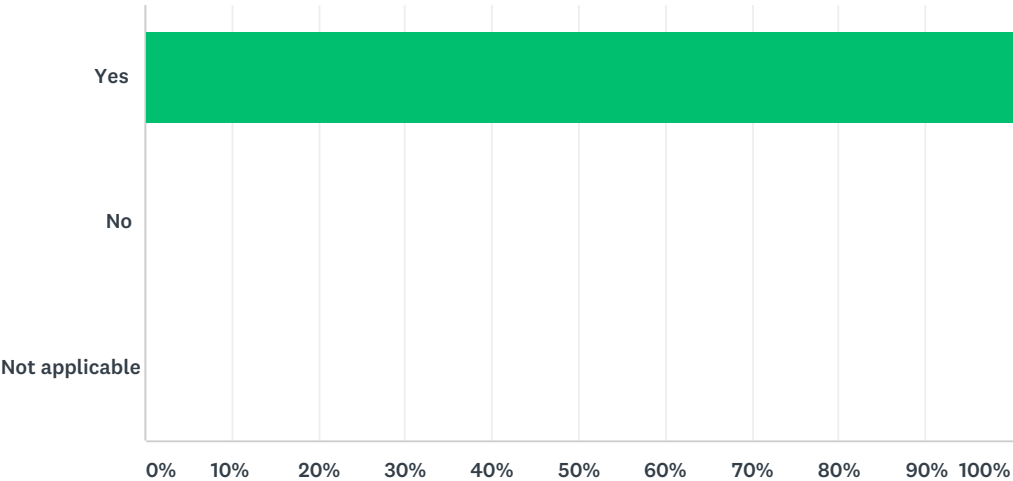


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	1
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q10 Do you think that your organization works to inform your constituents of how they can better manage their risk to hazard events?

Answered: 1 Skipped: 0

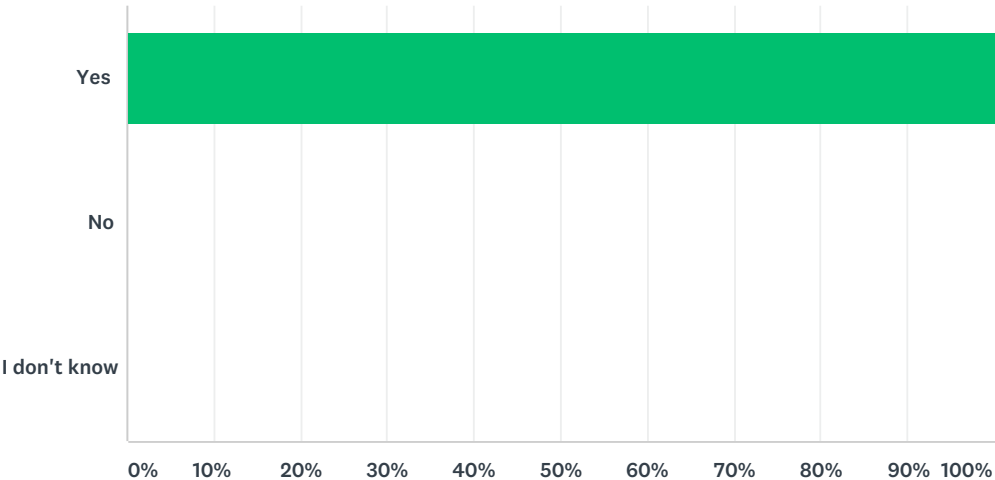


ANSWER CHOICES		RESPONSES	
Yes		100.00%	1
No		0.00%	0
Not applicable		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q11 Do you think that emergency response planning, services, and equipment are adequate to manage and respond properly to disasters in your community?

Answered: 1 Skipped: 0

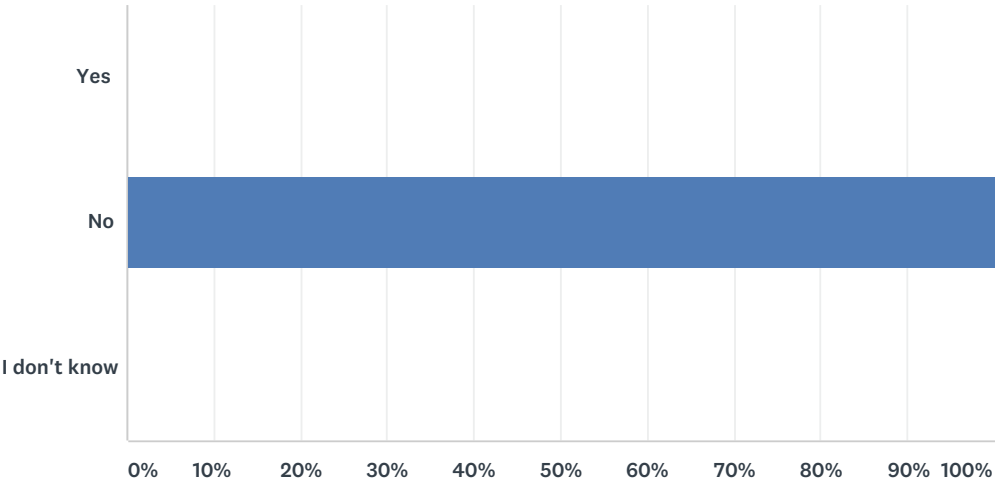


ANSWER CHOICES		RESPONSES	
Yes		100.00%	1
No		0.00%	0
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q12 Do you think that local government understands, supports, and possess the resources for hazard risk reduction efforts in the community?

Answered: 1 Skipped: 0

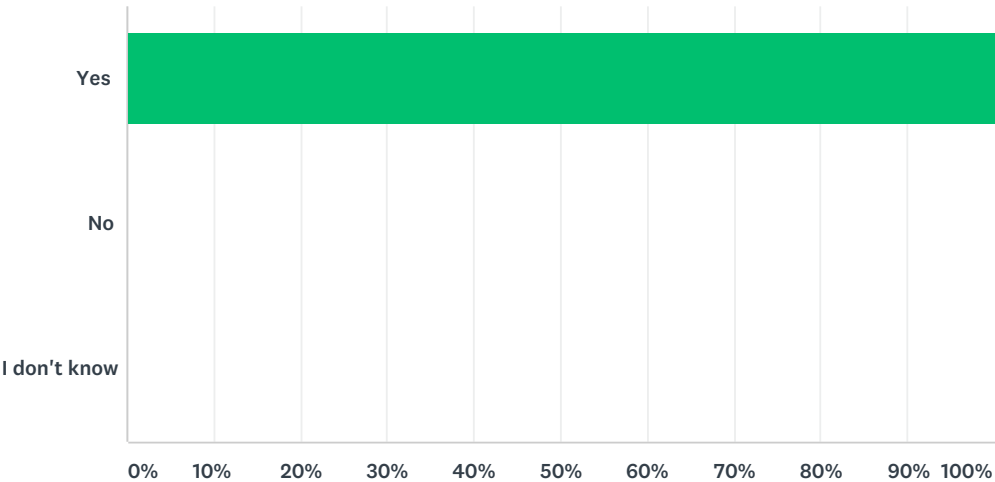


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	1
I don't know		0.00%	0
TOTAL			1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q13 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum essential functions during any situation, and support the continuance of organization functions.

Answered: 1 Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		100.00%	1
No		0.00%	0
I don't know		0.00%	0
TOTAL			1

#	IF "YES", PLEASE EXPLAIN.	DATE
	There are no responses.	

Q14 Can you identify projects or programs that you have implemented to reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	We have extensive disaster education program as well as multiple plans required by NYSDOH to ensure we can stay open during natural disasters .	10/2/2018 10:17 AM

Q15 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	Generator power, food and supplies on hand to ensure that we can operate for up to 48+ hours without assistance	10/2/2018 10:17 AM

Q16 Do you have any other comments, questions, or concerns?

Answered: 0 Skipped: 1

#	RESPONSES	DATE
	There are no responses.	

Q17 Name of respondent:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1		10/2/2018 10:17 AM

Q18 Contact information (email address or phone number) - optional:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1		10/2/2018 10:17 AM

Q1 Name of your Municipality and Department:

Answered: 5 Skipped: 0

#	RESPONSES	DATE
1	Onondaga County DOT	10/11/2018 10:25 AM
2	Onondaga County Department of Transportation	10/5/2018 2:36 PM
3	Village of Skaneateles	9/20/2018 2:17 PM
4	Village of Liverpool DPW	9/19/2018 9:02 AM
5	Onondaga County DOT	9/19/2018 8:02 AM

Q2 Please identify the services your department normally provides. Of these services, please identify which services you believe are essential services that must be provided prior to, during, and after a disaster in order to protect public safety and health.

Answered: 4 Skipped: 1

#	RESPONSES	DATE
1	Road Construction, Bridges, Culverts, Ditch drainage, Tree work, Plowing	10/11/2018 10:25 AM
2	Highway and Bridge Maintenance and construction, snow removal, debris removal.	10/5/2018 2:36 PM
3	Sewer, water, electric, DPW	9/20/2018 2:17 PM
4	Maintenance of public infrastructure including street, drainage, sewer, village properties and buildings	9/19/2018 9:02 AM

Q3 Please identify the location of your facility(ies) and or primary service area. You may choose more than one if your service area covers multiple communities, or "Onondaga County (entire area)" if your service area is county-wide:

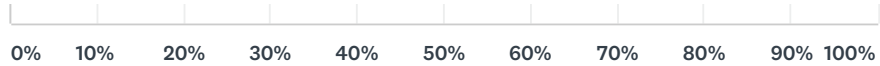
Answered: 5 Skipped: 0



Onondaga County HMP - Highway and Public Works Survey

[illegible]

Onondaga County HMP - Highway and Public Works Survey



ANSWER CHOICES	RESPONSES	
Onondaga County (entire area)	60.00%	3
Baldwinsville (V)	0.00%	0
Camillus (T)	0.00%	0
Camillus (V)	0.00%	0
Cicero (T)	0.00%	0
Clay (T)	0.00%	0
DeWitt (T)	0.00%	0
East Syracuse (V)	0.00%	0
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	0.00%	0
Geddes (T)	0.00%	0
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	20.00%	1
Lysander (T)	0.00%	0
Manlius (T)	0.00%	0
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	0.00%	0
Minoa (V)	0.00%	0
North Syracuse (V)	0.00%	0
Onondaga (T)	0.00%	0
Onondaga Nation	0.00%	0
Otisco (T)	0.00%	0
Pompey (T)	0.00%	0
Salina (T)	0.00%	0
Skaneateles (T)	0.00%	0
Skaneateles (V)	20.00%	1
Solvay (V)	0.00%	0

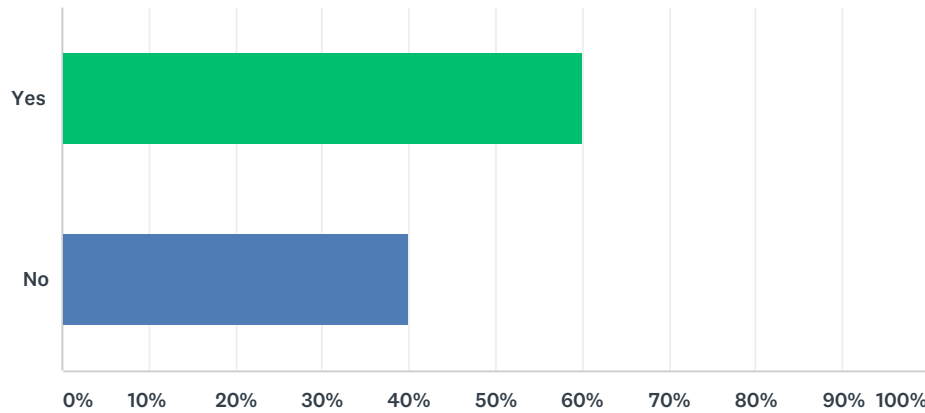
Onondaga County HMP - Highway and Public Works Survey

Spafford (T)	0.00%	0
Syracuse (C)	0.00%	0
Tully (T)	0.00%	0
Tully (V)	0.00%	0
Van Buren (T)	0.00%	0
Other (please specify)	0.00%	0
TOTAL		5

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q4 Has your department, or the facilities you are responsible to maintain (buildings, roads, bridges, water/sewer plants, etc.) been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 5 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	60.00%	3
No	40.00%	2
TOTAL		5

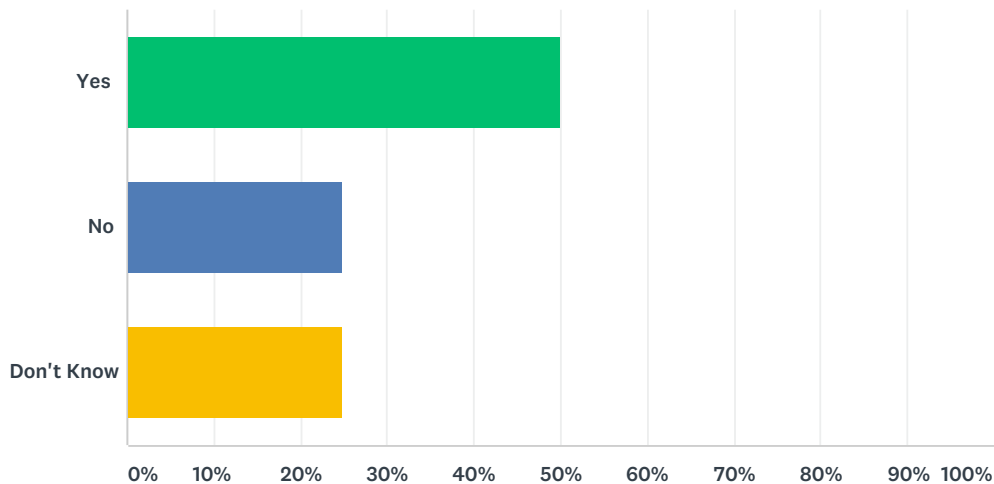
Q5 If you answered "YES," please identify the events and provide a brief description of the damages or loss of service.

Answered: 2 Skipped: 3

#	RESPONSES	DATE
1	Road closures due to flooding, ice jams, downed trees, damaged or undermined roads and/or bridges	10/11/2018 10:25 AM
2	1993 March snowstorm: Workers slept in the 4 facilities, meals were supplied by the county, call-out for plows to plow in front of ambulances, rescue plows that ran into ditches because they could not see the road to plow it. Spring flooding: road patrol to check for flooding, check scour under scour prone bridges, close roads as needed, barricade placement and checking. Tully Farms Road Mudslide: The Army National Guard was called out-they set up a perimeter. The Red Cross brought out a sandwich truck. County engineers surveyed the drainage field left in the mud; the county engineer drafted a plan to drain out the remaining water. Brought out small dozers that would not sink into the mud to create new paths for the water to leave the hillside; dump trucks to haul the mud away. Remove mud from the road. 1998 Labor Day Storm: Fallen tree limbing and removal. Staging area for dispersal of generators provided by Home Depot. Delivery of generators to Vera House and such agencies that had no way transport a generator. Purchase of equipment (chainsaws, gloves, 2-way hand held radios) as needed. DOT employee to liaison with E-911 Center staff, sheriffs, NIMO.	10/5/2018 2:36 PM

Q6 Do you believe that your facilities are disaster resistant or capable of withstanding a natural disaster (e.g. are properly located and constructed and have back-up power as appropriate)?

Answered: 4 Skipped: 1

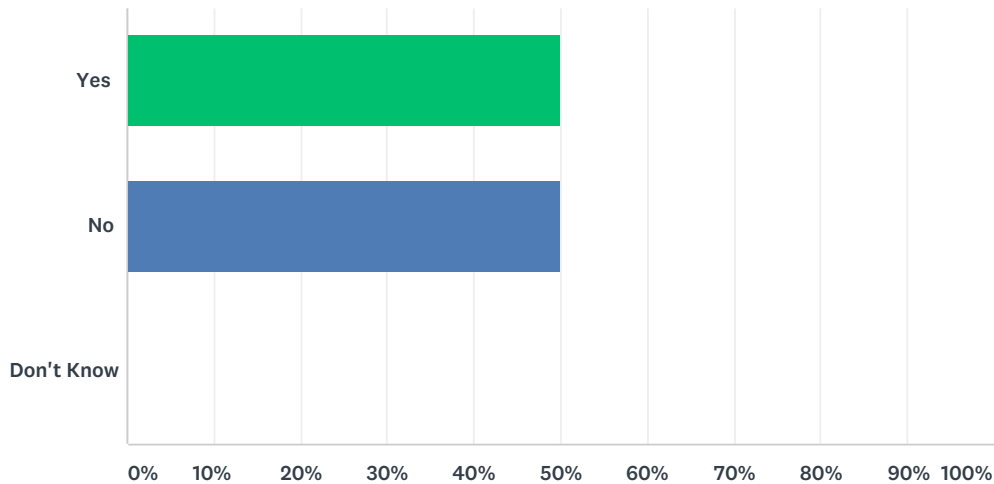


ANSWER CHOICES	RESPONSES
Yes	50.00% 2
No	25.00% 1
Don't Know	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	New facility in Camillus, with backup power	10/11/2018 10:33 AM
2	Sewage pump stations out in collection system need backup power supply but other than that - core facilities have backup supply and are protected from flood damage and extended power outages.	9/20/2018 2:21 PM
3	Not in flood plain, have back-up power	9/19/2018 9:06 AM

Q7 Do you think that the transportation infrastructure (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards, and thus provides long term support for your community's response and recovery needs?

Answered: 4 Skipped: 1

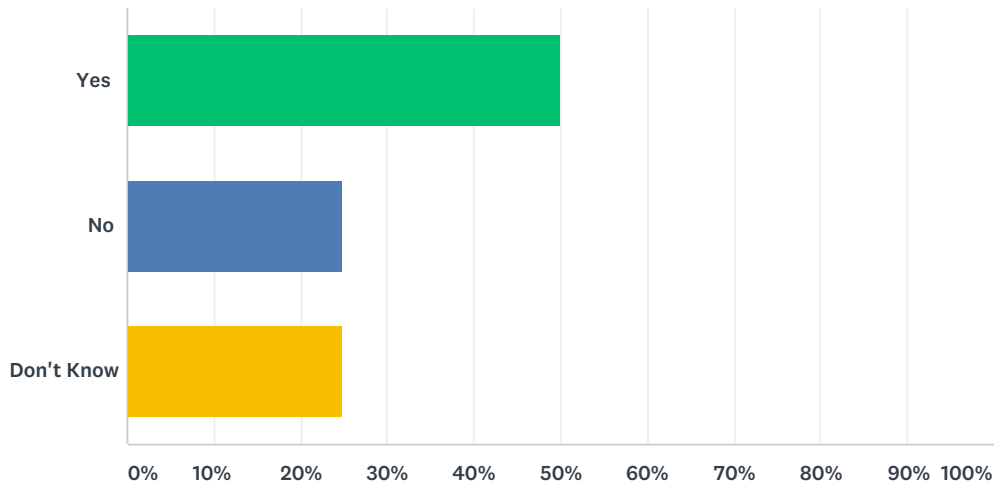


ANSWER CHOICES	RESPONSES	
Yes	50.00%	2
No	50.00%	2
Don't Know	0.00%	0
TOTAL		4

#	PLEASE EXPLAIN	DATE
1	More man-power is needed, and monies to keep up with aging infrastructure	10/11/2018 10:33 AM
2	As much as can be done. When constructed or re-built, the extant standards were followed.	10/5/2018 2:39 PM
3	Two village bridges would likely sustain major damage in an extreme flood/current.	9/20/2018 2:21 PM

Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster resistant to support your department's ability to maintain operations and support response or recovery efforts?

Answered: 4 Skipped: 1

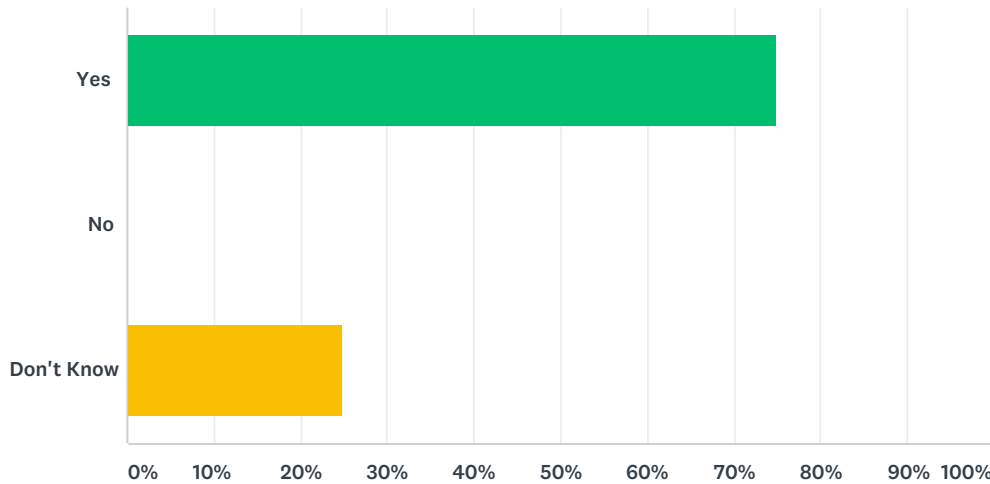


ANSWER CHOICES	RESPONSES	
Yes	50.00%	2
No	25.00%	1
Don't Know	25.00%	1
TOTAL		4

#	PLEASE EXPLAIN	DATE
1	Could use a generator at the Village DPW to ensure a home base for personnel.	9/20/2018 2:21 PM

Q9 Do you believe that natural hazard risks (e.g. flood zones, steep slopes, wildfire risk zones) are considered when local authorities consider land development and land use planning?

Answered: 4 Skipped: 1

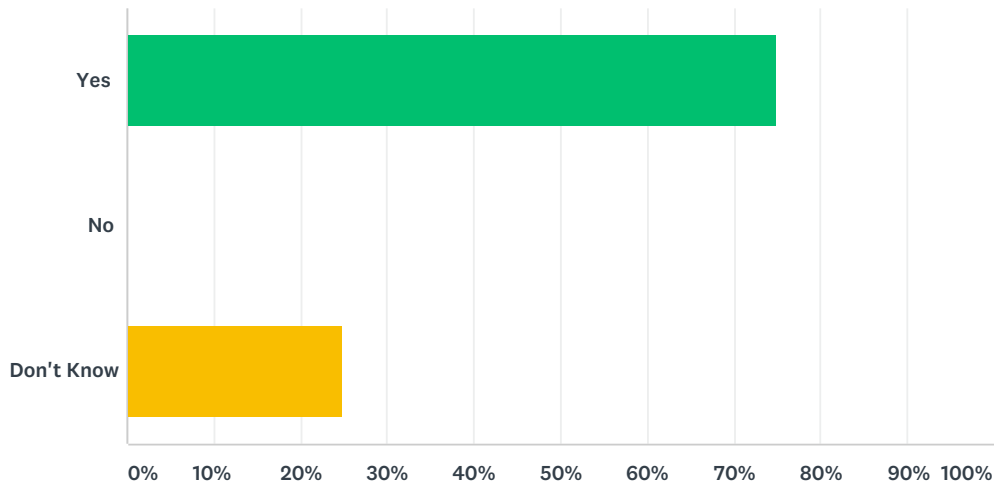


ANSWER CHOICES		RESPONSES	
Yes		75.00%	3
No		0.00%	0
Don't Know		25.00%	1
TOTAL			4

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q10 Do you believe that private businesses (construction companies, equipment rental companies, building material supply companies, etc.) are a valuable resource in helping your department perform pre-disaster preparation and/or help in recovery post disaster?

Answered: 4 Skipped: 1

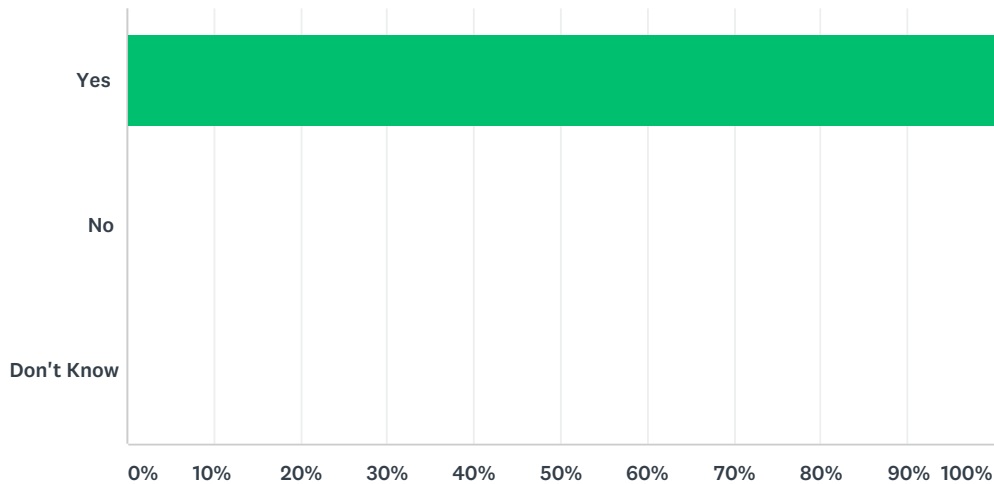


ANSWER CHOICES		RESPONSES	
Yes		75.00%	3
No		0.00%	0
Don't Know		25.00%	1
TOTAL			4

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q11 Do you believe that private businesses (construction companies, equipment rental companies, building material supply companies, etc.) are a valuable resource in helping your department perform pre-disaster preparation and/or help in recovery post disaster?

Answered: 4 Skipped: 1

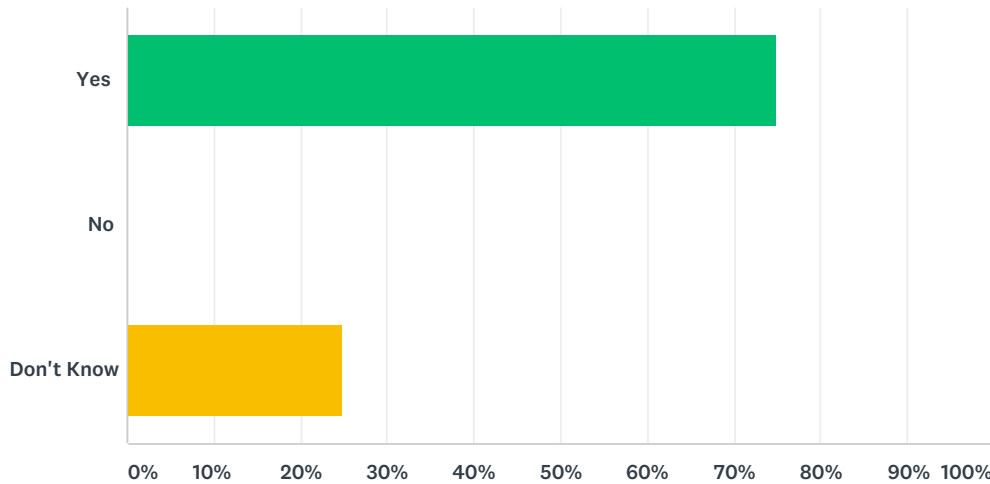


ANSWER CHOICES	RESPONSES	
Yes	100.00%	4
No	0.00%	0
Don't Know	0.00%	0
TOTAL		4

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q12 Does your department have a defined role or responsibility in an existing adopted or draft emergency response plan established for your local municipality?

Answered: 4 Skipped: 1

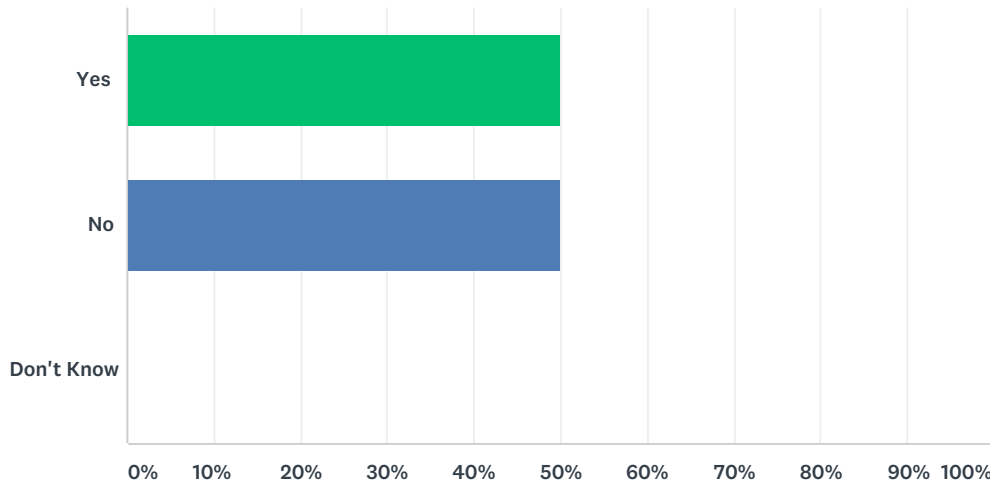


ANSWER CHOICES		RESPONSES	
Yes		75.00%	3
No		0.00%	0
Don't Know		25.00%	1
TOTAL			4

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q13 Do you think the local government understands, supports, and possess the resources for natural hazard risk reduction efforts in the community?

Answered: 4 Skipped: 1

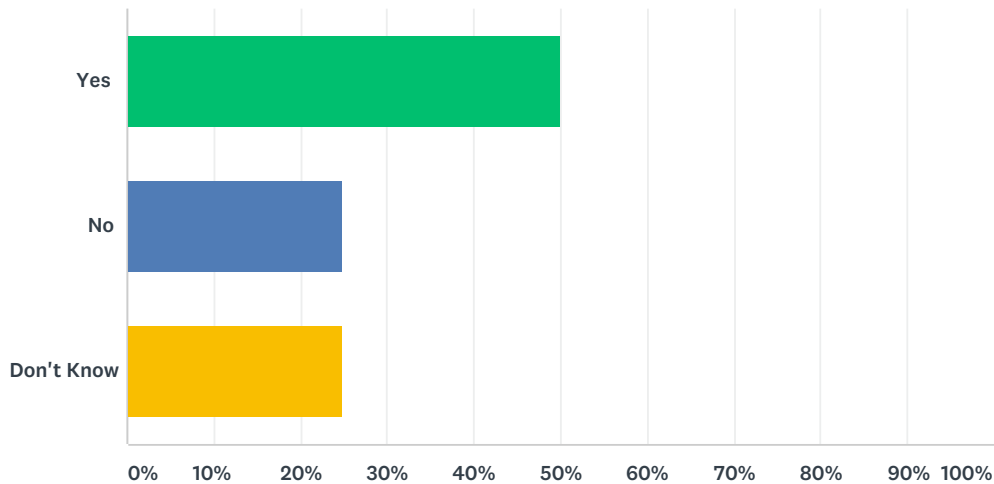


ANSWER CHOICES	RESPONSES	
Yes	50.00%	2
No	50.00%	2
Don't Know	0.00%	0
TOTAL		4

#	PLEASE EXPLAIN	DATE
1	They dont prioritize infrastructure, nor do they understand it, nor want to spend the needed money or hire more qualified employees	10/11/2018 10:33 AM

Q14 Is your department included within a Continuity of Operations / Continuity of Government (COOP / COG) plan? COOP / COG plans examine a department's ability to perform minimum essential functions during any situation. COOP activities support the continuance of essential functions, while COG activities support the continuance of local government.

Answered: 4 Skipped: 1



ANSWER CHOICES		RESPONSES	
Yes		50.00%	2
No		25.00%	1
Don't Know		25.00%	1
TOTAL			4

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q15 Can you identify projects or programs that you have implemented to reduce your community's vulnerability to infrastructure (roads, public buildings, bridges, water/sewer plants, etc.) damage and losses, including loss of operation/service, to hazard events?

Answered: 2 Skipped: 3

#	RESPONSES	DATE
1	No.	10/5/2018 2:42 PM
2	Drainage upgrades and tree program, sewer program	9/19/2018 9:08 AM

Q16 Can you identify projects or programs that you would like to implement to reduce your community's vulnerability to infrastructure (roads, public buildings, bridges, water/sewer plants, etc.) damage and losses, including loss of operation/service, to hazard events?

Answered: 3 Skipped: 2

#	RESPONSES	DATE
1	Those decisions are not made at my level.	10/5/2018 2:42 PM
2	Backup power supply for sewer infrastructure and DPW facilities and increased tree trimming to protect electric utilities.	9/20/2018 2:23 PM
3	Continuous storm drainage upgrades and road maintenance	9/19/2018 9:08 AM

Q17 Do you have any other comments, questions, or concerns?

Answered: 1 Skipped: 4

#	RESPONSES	DATE
1	Funds should be made available to pay for rugged tablet computers that are GPS compatible, equipped with camera/video so dept engineers can assess damaged areas and send the information back to the office to begin repair design. Also compatible office computers and printers.	10/5/2018 2:42 PM

Q18 Name of Respondent

Answered: 2 Skipped: 3

#	RESPONSES	DATE
1		10/5/2018 2:42 PM
2		9/20/2018 2:23 PM

Q1 Name of your utility company:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	National Grid	12/7/2018 10:40 AM

Q2 What type of utility do you provide (electric, phone, internet, etc.)?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	Electric and gas	12/7/2018 10:40 AM

Q3 Please identify the location of your facility(ies) and/or primary service area. You may choose more than one if your service area covers multiple communities, or "Onondaga County (entire area)" if your service area is county-wide:

Answered: 1 Skipped: 0



Onondaga County Hazard Mitigation Plan Update - Utility Survey



Onondaga County Hazard Mitigation Plan Update - Utility Survey

ANSWER CHOICES	RESPONSES	
Onondaga County (entire area)	100.00%	1
Baldwinsville (V)	0.00%	0
Camillus (T)	0.00%	0
Camillus (V)	0.00%	0
Cicero (T)	0.00%	0
Clay (T)	0.00%	0
DeWitt (T)	0.00%	0
East Syracuse (V)	0.00%	0
Elbridge (T)	0.00%	0
Elbridge (V)	0.00%	0
Fabius (T)	0.00%	0
Fabius (V)	0.00%	0
Fayetteville (V)	0.00%	0
Geddes (T)	0.00%	0
Jordan (V)	0.00%	0
LaFayette (T)	0.00%	0
Liverpool (V)	0.00%	0
Lysander (T)	0.00%	0
Manlius (T)	0.00%	0
Manlius (V)	0.00%	0
Marcellus (T)	0.00%	0
Marcellus (V)	0.00%	0
Minoa (V)	0.00%	0
North Syracuse (V)	0.00%	0
Onondaga (T)	0.00%	0
Onondaga Nation	0.00%	0
Otisco (T)	0.00%	0
Pompey (T)	0.00%	0
Salina (T)	0.00%	0
Skaneateles (T)	0.00%	0
Skaneateles (V)	0.00%	0
Solvay (V)	0.00%	0
Spafford (T)	0.00%	0

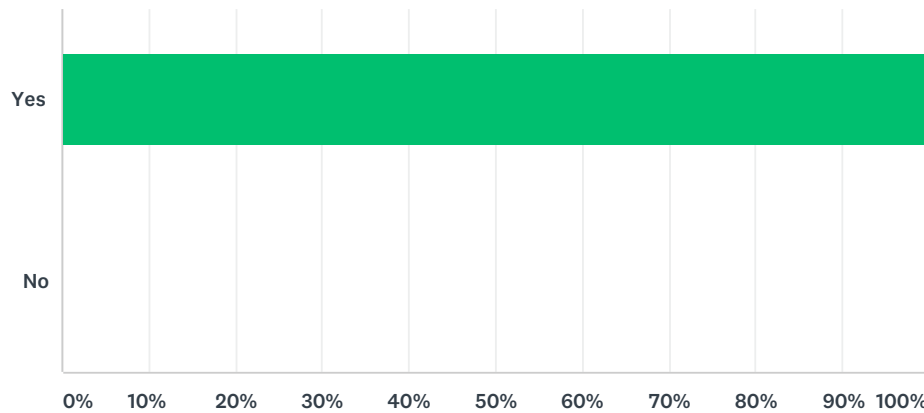
Onondaga County Hazard Mitigation Plan Update - Utility Survey

Syracuse (C)	0.00%	0
Tully (T)	0.00%	0
Tully (V)	0.00%	0
Van Buren (T)	0.00%	0
TOTAL		1

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q4 Has your utility been impacted by hazard events (damaged, closed for extended periods, etc.)?

Answered: 1 Skipped: 0

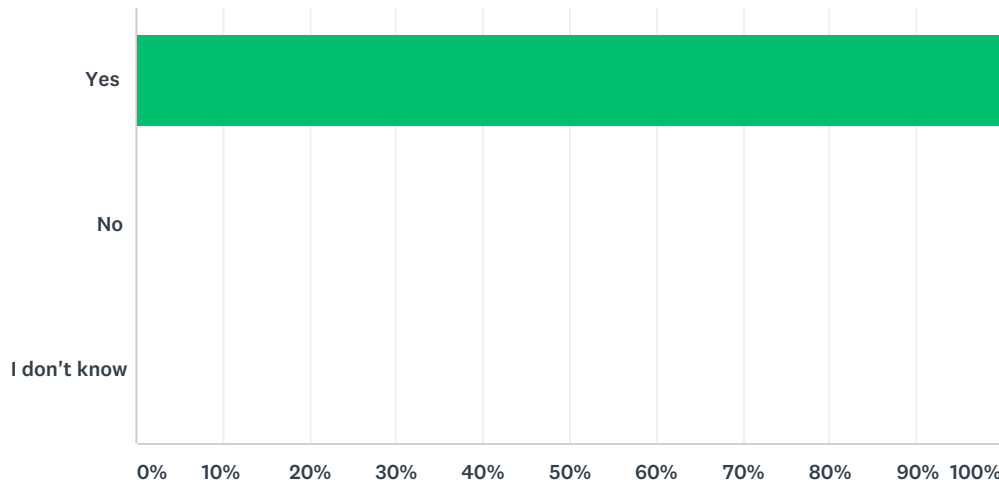


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
TOTAL		1

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
1	Weather related events is the main cause of long term electric service outages. Damage usually involves downed wires and broken poles, although flooding has caused problems outside of Onondaga Co. I can't remember the last time we had a long gas service interruption in CNY.	12/7/2018 10:40 AM

Q5 Do you believe that your facilities and infrastructure are disaster-resistant (e.g. are properly located, constructed, and protected from damage from hazards)?

Answered: 1 Skipped: 0

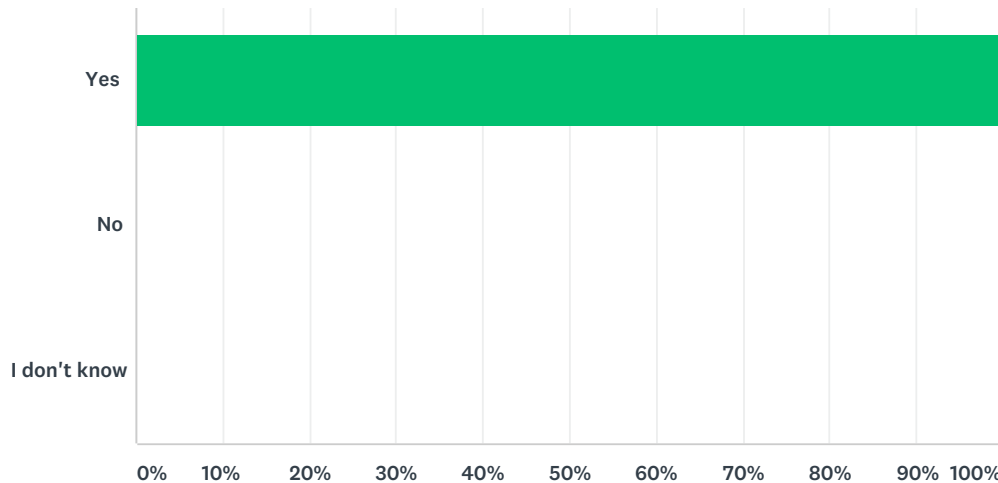


ANSWER CHOICES	RESPONSES
Yes	100.00% 1
No	0.00% 0
I don't know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	Our systems are resilient to the best of our ability. As a regulated entity, National Grid follows NYS and Federal guidelines for the siting of facilities and security. We have also spent a considerable amount of money to "harden" our overhead lines for severe weather.	12/7/2018 10:40 AM

Q6 Do you believe that your facilities and infrastructure have sufficient redundancy and/or are sufficiently networked to provide a minimal level of service to your customers (especially critical and essential services such as police, fire, hospitals) in the event that you suffer damage/loss to your equipment?

Answered: 1 Skipped: 0

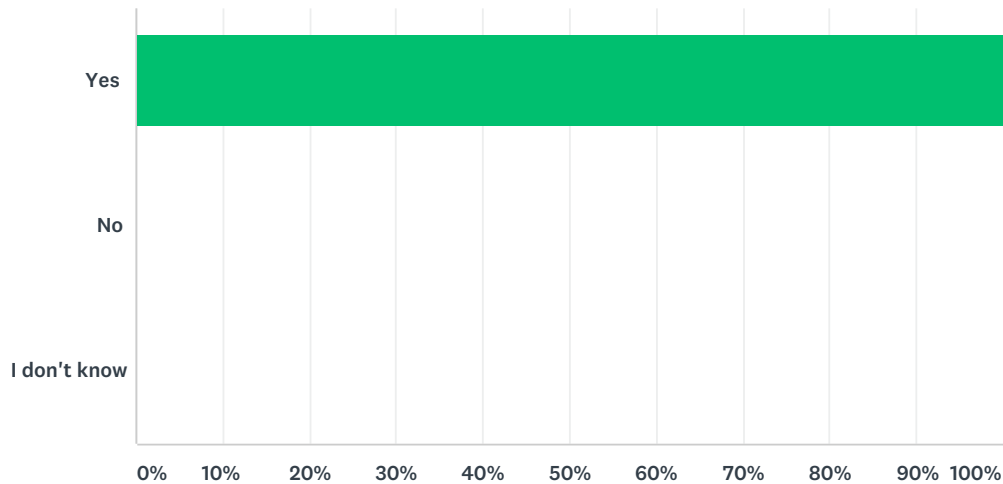


ANSWER CHOICES	RESPONSES
Yes	100.00% 1
No	0.00% 0
I don't know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	Again - to the best of our ability. National Grid is required to identify the location of NYS defined "critical facilities" and we are alerted automatically whenever one of these facilities loses power. Some customers have dual feeds (most hospitals and some colleges/universities). When a power outage happens, one of our priorities is to isolate the problem so we can restore service to as many customers as possible. This is sometimes accomplished by tapping into adjacent feeders/stations.	12/7/2018 10:40 AM

Q7 Do you think that local public education and awareness programs are effective at informing the public on what they should do to be prepared for and how to reduce their personal risk to disasters, so as to reduce their reliance on your services during and after hazard events?

Answered: 1 Skipped: 0

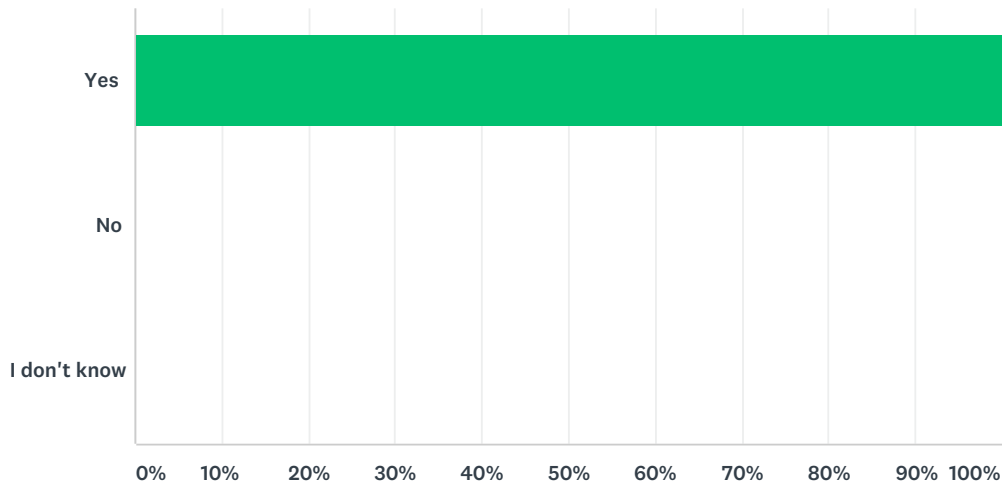


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
I don't know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	National Grid has a robust communication/outreach plan when severe weather approaches. The messaging includes safety tips, how to report outages/wires down, and things customers should do to be prepared.	12/7/2018 11:40 AM

Q8 Do you think that announcements of utility outages and service restoration schedules are sufficiently accurate and available to support the needs of emergency management, as well as owners/operators of critical and essential facilities?

Answered: 1 Skipped: 0

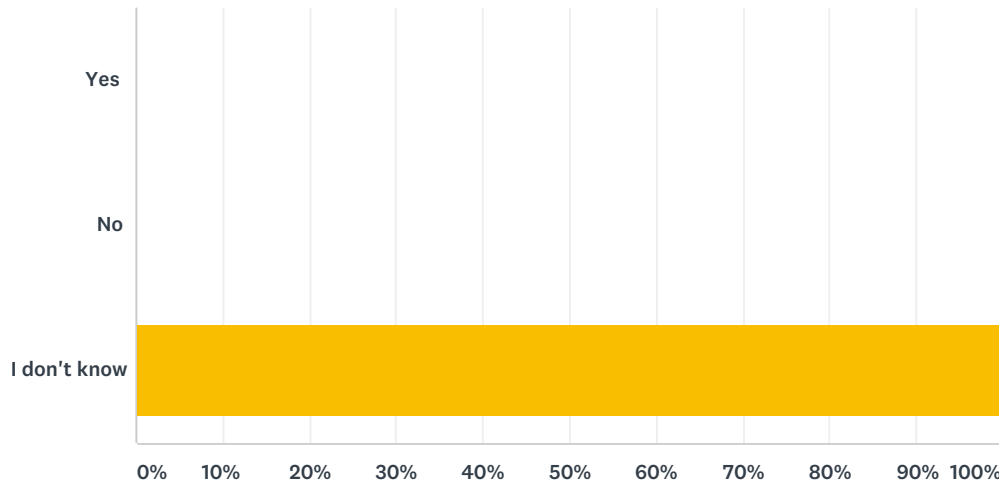


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
I don't know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	Each county EOC has an assigned National Grid liaison. We work closely with EOC's throughout the year and are in direct contact when outages might occur and during events. Large critical facilities also have an Account Manager that can provide information before, during and after an outage event. During major, long term outage events, National Grid conducts daily conference calls with municipal officials. Topic include: scope of the outage, resources available, estimated restoration time and ways to submit priority requests to the utility.	12/7/2018 11:40 AM

Q9 Do you think that the public is aware of, understands, and takes advantage of emergency warning and notification systems and services (reverse 911, PERS, audible alerts, cell and text services, Hyper-Reach)?

Answered: 1 Skipped: 0

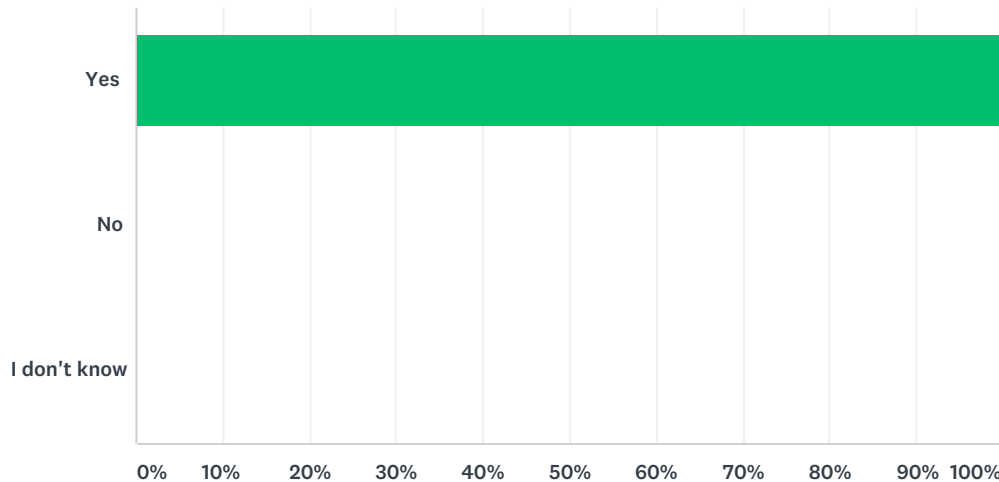


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	0.00% 0
I don't know	100.00% 1
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	I think the public is aware of the of alerts, but I'm not sure they follow the recommendations/instructions. This isn't necessarily the fault of emergency management, I think the the average citizen is difficult to persuade to take action. There will always be people that feel they aren't truly as risk.	12/7/2018 11:40 AM

Q10 Do you think that vegetation management programs (e.g. tree trimming and removal) are sufficient to manage the risk of utility outages during hazard events?

Answered: 1 Skipped: 0

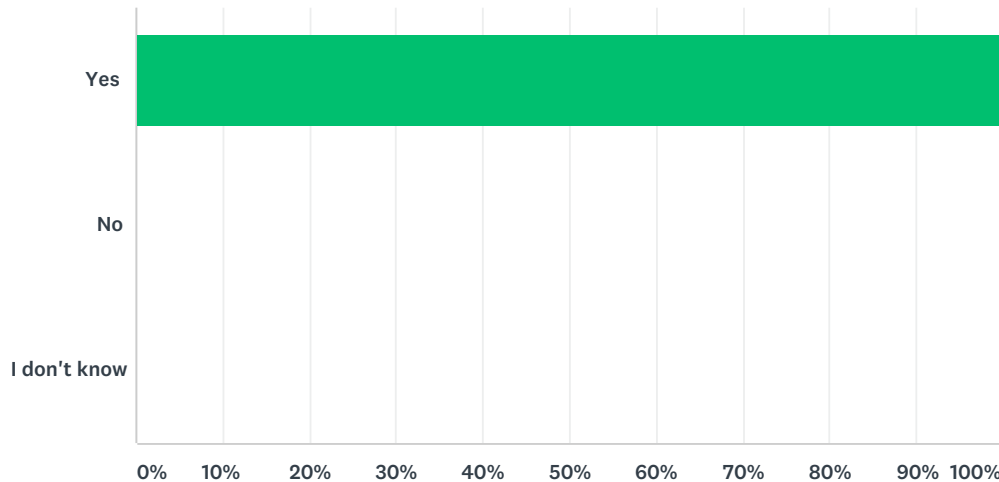


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
I don't know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	National Grid has an aggressive and NYS approved vegetation management plan. We take pride in our efforts to balance tree trimming with community needs/desires. In our high voltage ROWs, we try to use effective methods that have the have the least impact.	12/7/2018 11:40 AM

Q11 Do you think that emergency response planning, services, and equipment are adequate to manage and respond properly to disasters in the community you serve?

Answered: 1 Skipped: 0

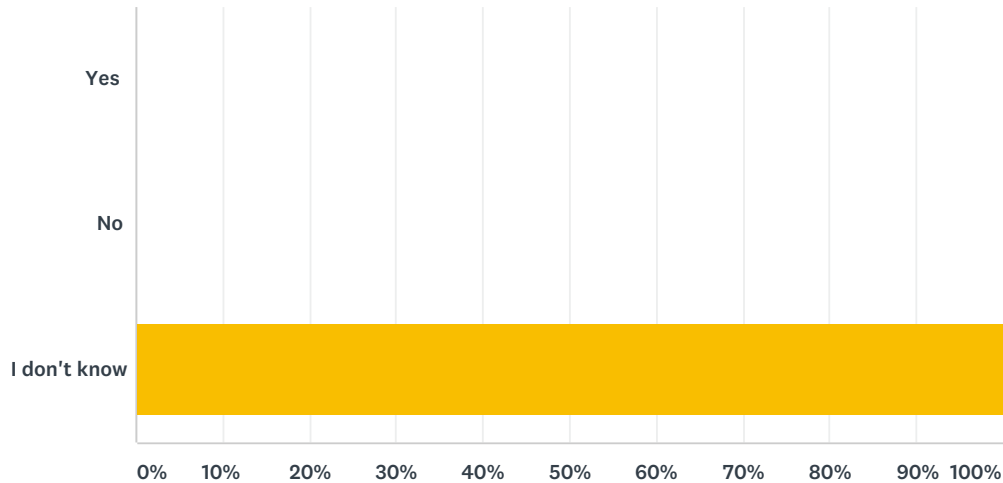


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
I don't know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	I read this question to mean the community in general - not specific to National Grid. I think Onondaga Co. and the smaller/regional committees have done a good job in preparing for a potential disaster. There is always room for improvement and after event discussions frequently identify things that could have been done differently. Fortunately, we haven't had many major events and we aren't in an area where that has regular threats such as flooding, hurricanes and earthquakes.	12/7/2018 11:40 AM

Q12 Do you think that local government understands, supports, and possess the resources for hazard risk reduction efforts in the community?

Answered: 1 Skipped: 0

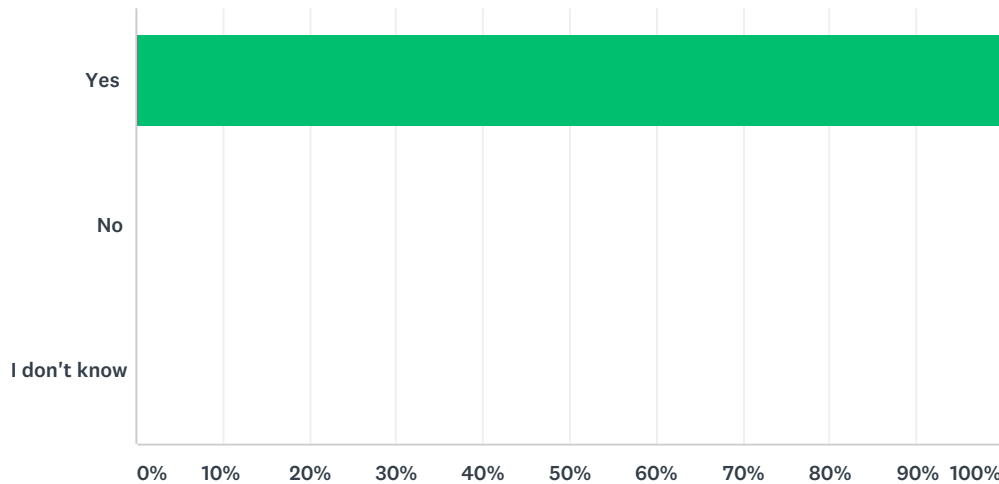


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		0.00%	0
I don't know		100.00%	1
TOTAL			1

#	PLEASE EXPLAIN	DATE
1	I think the city (Syracuse) and county do a good job, as well as some local governments. However, I think may be some towns/villages that are not as focused on risk reduction	12/7/2018 11:40 AM

Q13 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum essential functions during any situation, and support the continuance of your organization's functions.

Answered: 1 Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		100.00%	1
No		0.00%	0
I don't know		0.00%	0
TOTAL			1

#	IF "YES", PLEASE EXPLAIN.	DATE
1	COOP is part of our emergency planning.	12/7/2018 11:40 AM

Q14 Can you identify projects or programs that you have implemented to reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	In addition to our efforts on the electric and gas systems, National Grid taken steps at offices/barns. Critical facilities have back-up power and each facility has a BEAT (Building Emergency Action Team) that would be activated during an event/shelter-in-place. We have back-up control centers and employees can work remotely.	12/7/2018 11:51 AM

Q15 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 0 Skipped: 1

#	RESPONSES	DATE
	There are no responses.	

Q16 Do you have any other comments, questions, or concerns?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	National Grid is pleased to be part of the EOC/preparedness team.	12/7/2018 11:51 AM

Q17 Name of respondent:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1		12/7/2018 11:51 AM

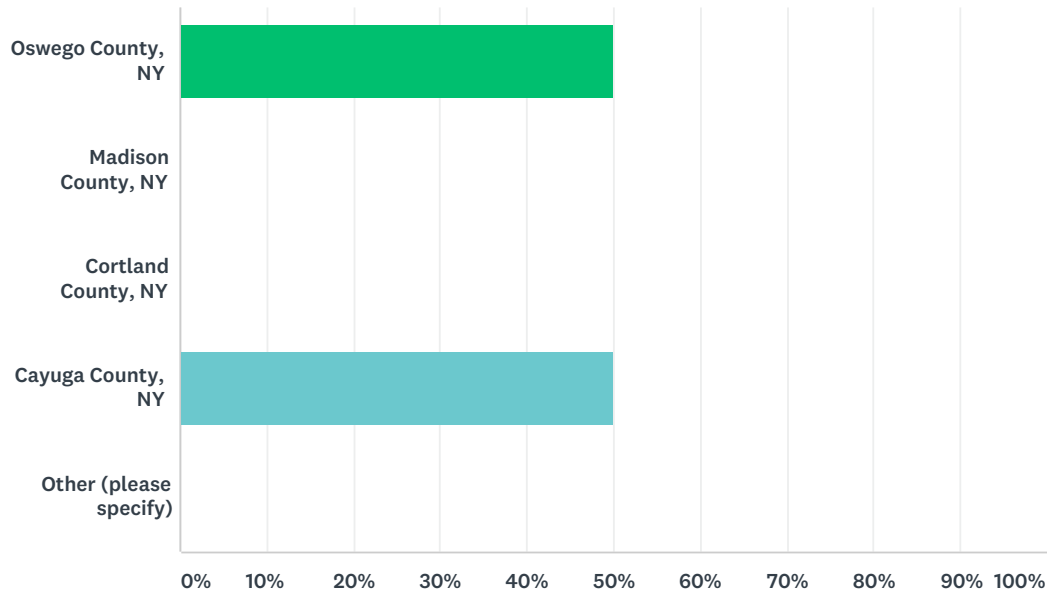
Q18 Contact information (email address or phone number) - optional:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1		12/7/2018 11:51 AM

Q1 Please indicate the county in which you represent:

Answered: 2 Skipped: 0

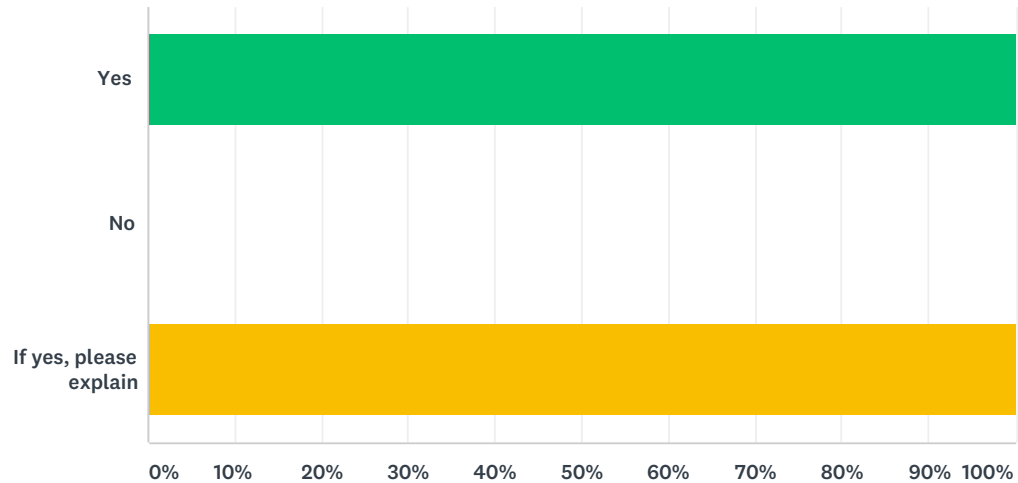


ANSWER CHOICES	RESPONSES	
Oswego County, NY	50.00%	1
Madison County, NY	0.00%	0
Cortland County, NY	0.00%	0
Cayuga County, NY	50.00%	1
Other (please specify)	0.00%	0
Total Respondents: 2		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q2 Is Onondaga County involved in your county's comprehensive emergency operations planning?

Answered: 2 Skipped: 0

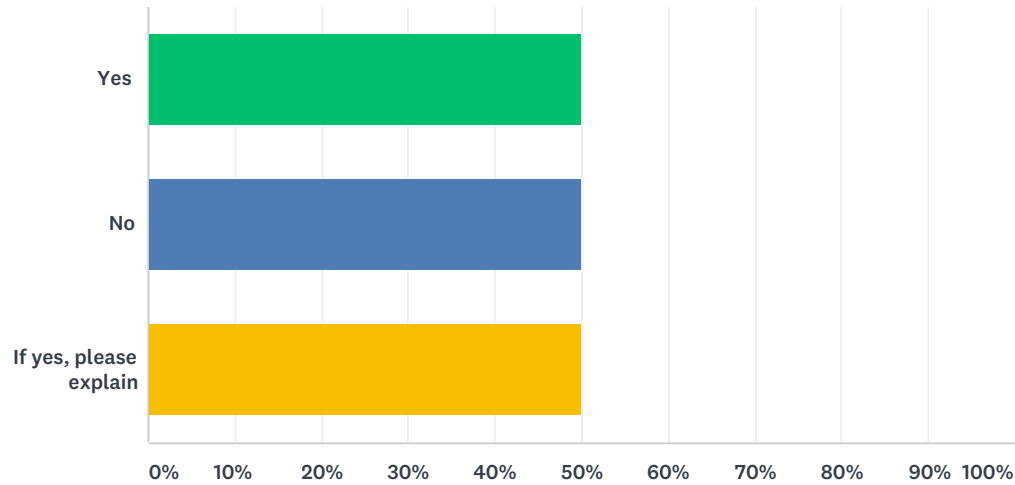


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
If yes, please explain	100.00%	2
Total Respondents: 2		

#	IF YES, PLEASE EXPLAIN	DATE
1	Onondaga County participates in the nuclear emergency plan Host Plan for the Reception Center at the NYS Fairgrounds.	10/4/2018 11:05 AM
2	Indirectly involved via mutual aid and other aspects of emergency management.	10/3/2018 1:51 PM

Q3 Is your county involved in Onondaga County's comprehensive emergency operations planning?

Answered: 2 Skipped: 0

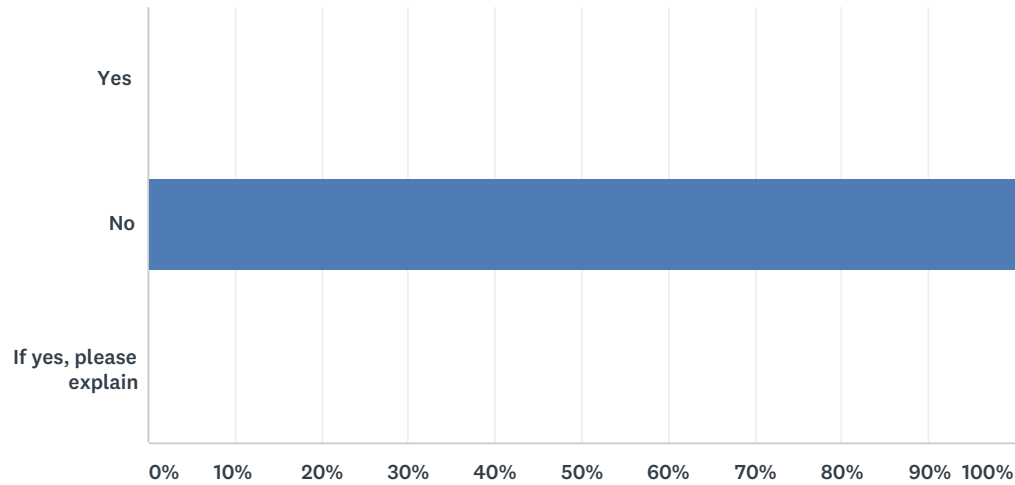


ANSWER CHOICES	RESPONSES	
Yes	50.00%	1
No	50.00%	1
If yes, please explain	50.00%	1
Total Respondents: 2		

#	IF YES, PLEASE EXPLAIN	DATE
1	Indirectly involved via mutual aid and other aspects of emergency management.	10/3/2018 1:51 PM

Q4 Is Onondaga County involved in your county's Continuity of Operations planning?

Answered: 2 Skipped: 0

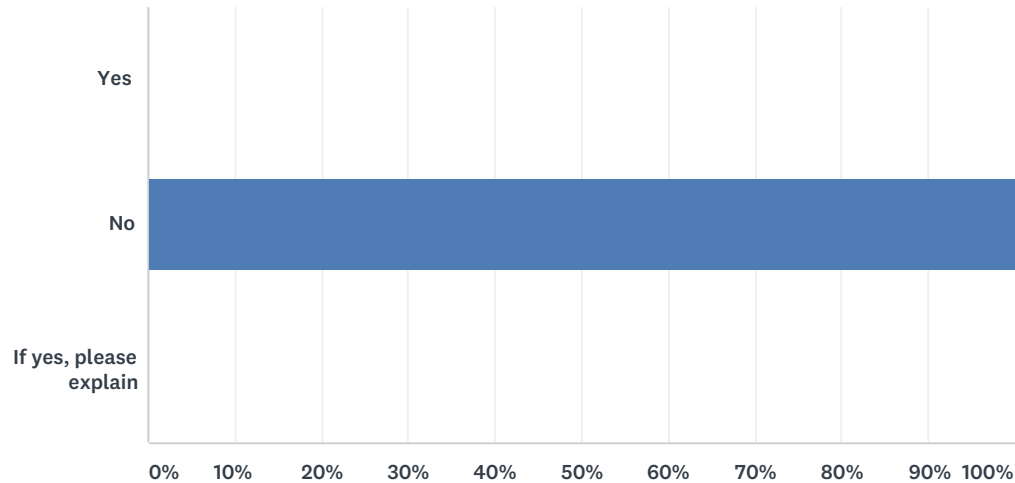


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	2
If yes, please explain		0.00%	0
Total Respondents: 2			

#	IF YES, PLEASE EXPLAIN	DATE
There are no responses.		

Q5 Is your county involved in Onondaga County's Continuity of Operations planning?

Answered: 2 Skipped: 0

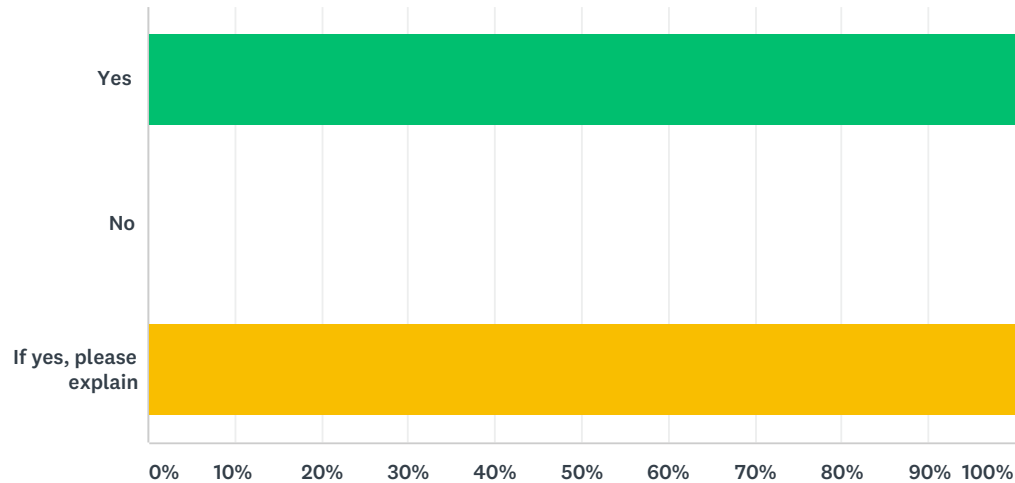


ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	2
If yes, please explain		0.00%	0
Total Respondents: 2			

#	IF YES, PLEASE EXPLAIN	DATE
There are no responses.		

Q6 Does your county share risk and vulnerability assessments (flood mapping, HAZUS, etc.) with Onondaga County?

Answered: 1 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
If yes, please explain	100.00%	1
Total Respondents: 1		

#	IF YES, PLEASE EXPLAIN	DATE
1	Shared vulnerabilities and common threats.	10/3/2018 1:51 PM

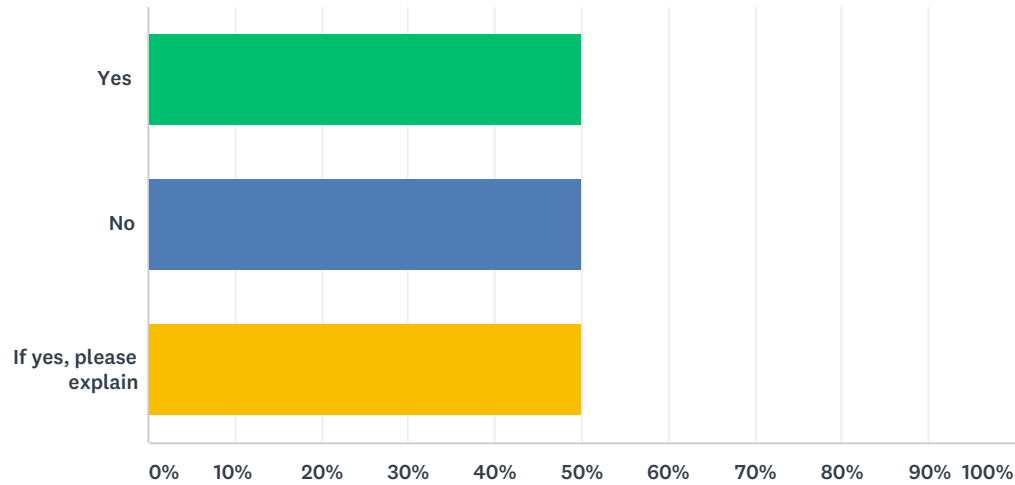
Q7 Thinking about emergency operations and disaster response, please explain how these actions are communicated between counties.

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1	Oswego and Onondaga Emergency Management directors share information and assistance. Several fire and EMS agencies cross the county border.	10/4/2018 11:16 AM
2	Interoperable communications systems through Mutualink and by phone.	10/3/2018 1:52 PM

Q8 Do you collaborate with Onondaga County on establishing evacuation routes and alternate evacuation routes?

Answered: 2 Skipped: 0

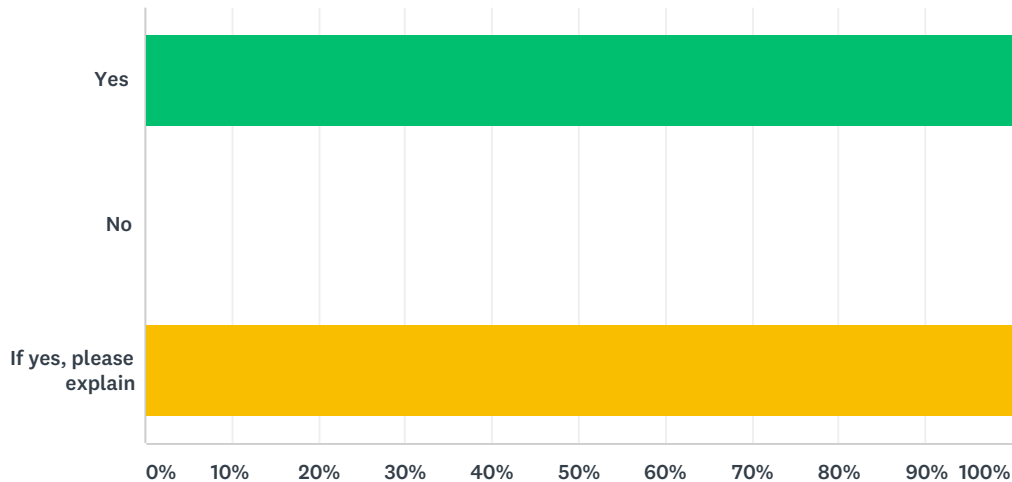


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	50.00% 1
If yes, please explain	50.00% 1
Total Respondents: 2	

#	IF YES, PLEASE EXPLAIN	DATE
1	Indirectly through mutual use evacuation routes.	10/3/2018 1:52 PM

Q9 Do you and Onondaga County consult with one another before making evacuation decisions that would impact one another (recommending evacuation routes into neighboring counties)?

Answered: 2 Skipped: 0

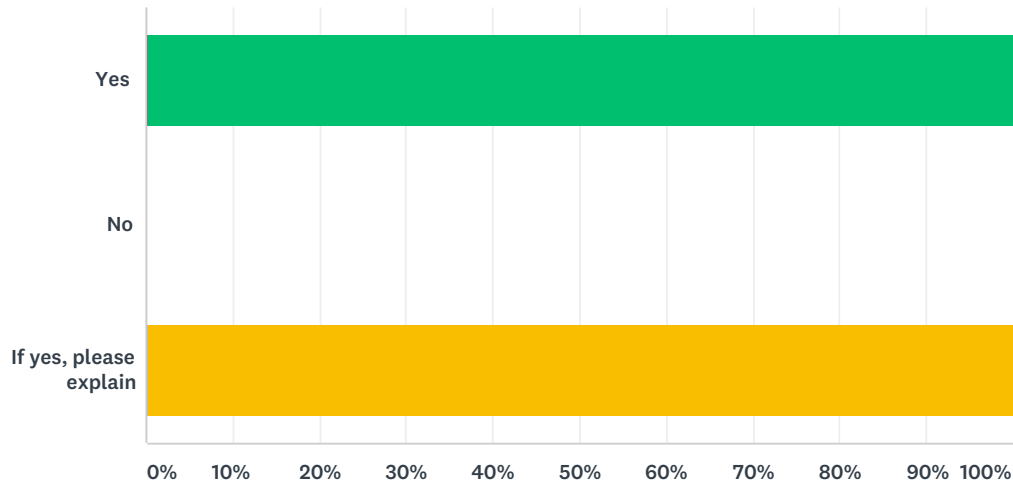


ANSWER CHOICES	RESPONSES
Yes	100.00% 2
No	0.00% 0
If yes, please explain	100.00% 2
Total Respondents: 2	

#	IF YES, PLEASE EXPLAIN	DATE
1	Onondaga County Emergency Management sends a liaison to Oswego County EOC for nuclear power plant drills to coordinate the movement of evacuees from Oswego County to the Reception Center at the NYS Fairgrounds.	10/4/2018 11:16 AM
2	Would do so in an event.	10/3/2018 1:52 PM

Q10 Do you collaborate with Onondaga County on establishing shelters?

Answered: 2 Skipped: 0

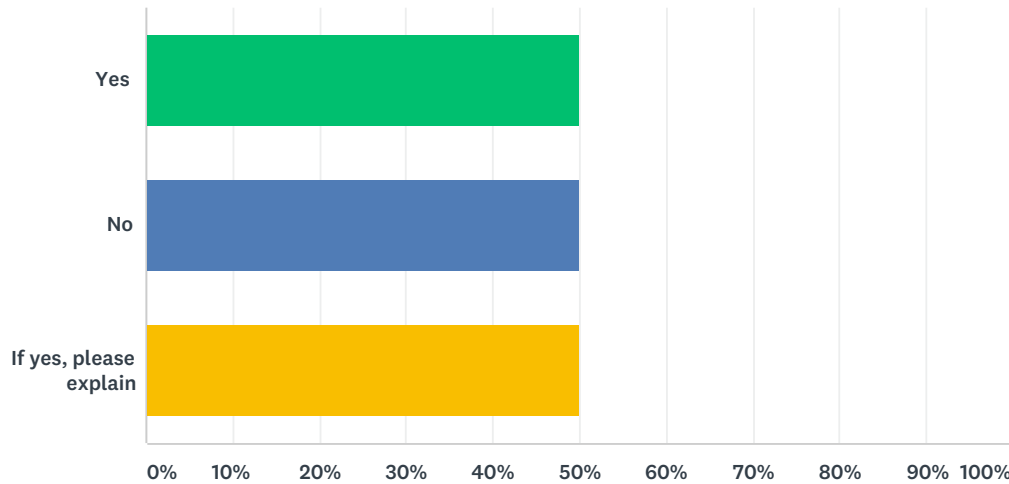


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
If yes, please explain	100.00%	2
Total Respondents: 2		

#	IF YES, PLEASE EXPLAIN	DATE
1	The Central New York Chapter of the American Red Cross has designated shelters on both sides of the county border that could be used by residents of both counties.	10/4/2018 11:16 AM
2	Would do so in an event.	10/3/2018 1:52 PM

Q11 Do you and Onondaga County consult with one another before making sheltering decisions that would impact one another (recommending shelters in neighboring counties)?

Answered: 2 Skipped: 0

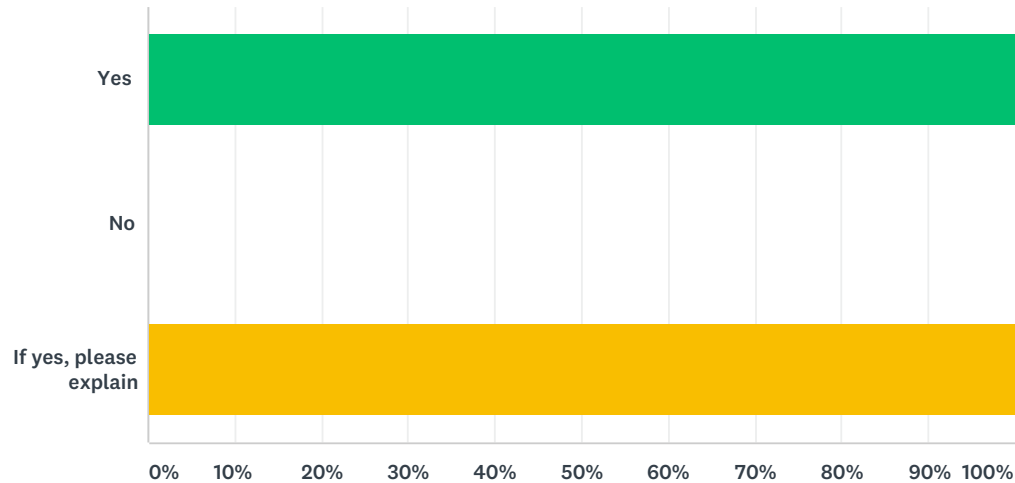


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	50.00% 1
If yes, please explain	50.00% 1
Total Respondents: 2	

#	IF YES, PLEASE EXPLAIN	DATE
1	Would do so in an event.	10/3/2018 1:52 PM

Q12 Does your county have access to contact information for Onondaga County's emergency operation centers at the county and local level?

Answered: 2 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
If yes, please explain	100.00%	2
Total Respondents: 2		

#	IF YES, PLEASE EXPLAIN	DATE
1	Oswego has contact information for the Onondaga County Emergency Management on-call personnel and the Onondaga County EOC.	10/4/2018 11:16 AM
2	EMO has contact information.	10/3/2018 1:52 PM

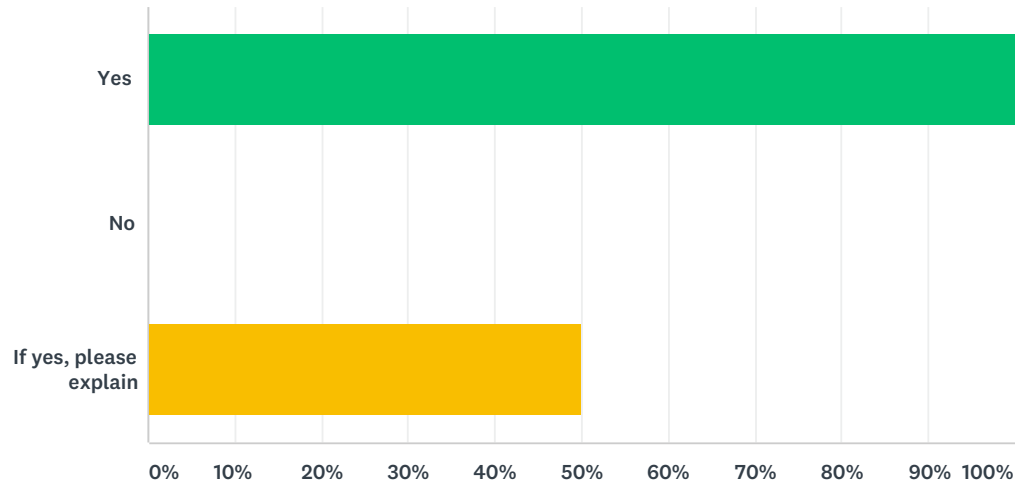
Q13 Please explain how information is shared between counties regarding mitigation projects.

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1	Draft plans are shared for input and county mitigation team members are invited to the other county's public meetings.	10/4/2018 11:16 AM
2	Not occurred.	10/3/2018 1:52 PM

Q14 Is information regarding mitigation shared during the planning and implementation phases of the projects?

Answered: 2 Skipped: 0

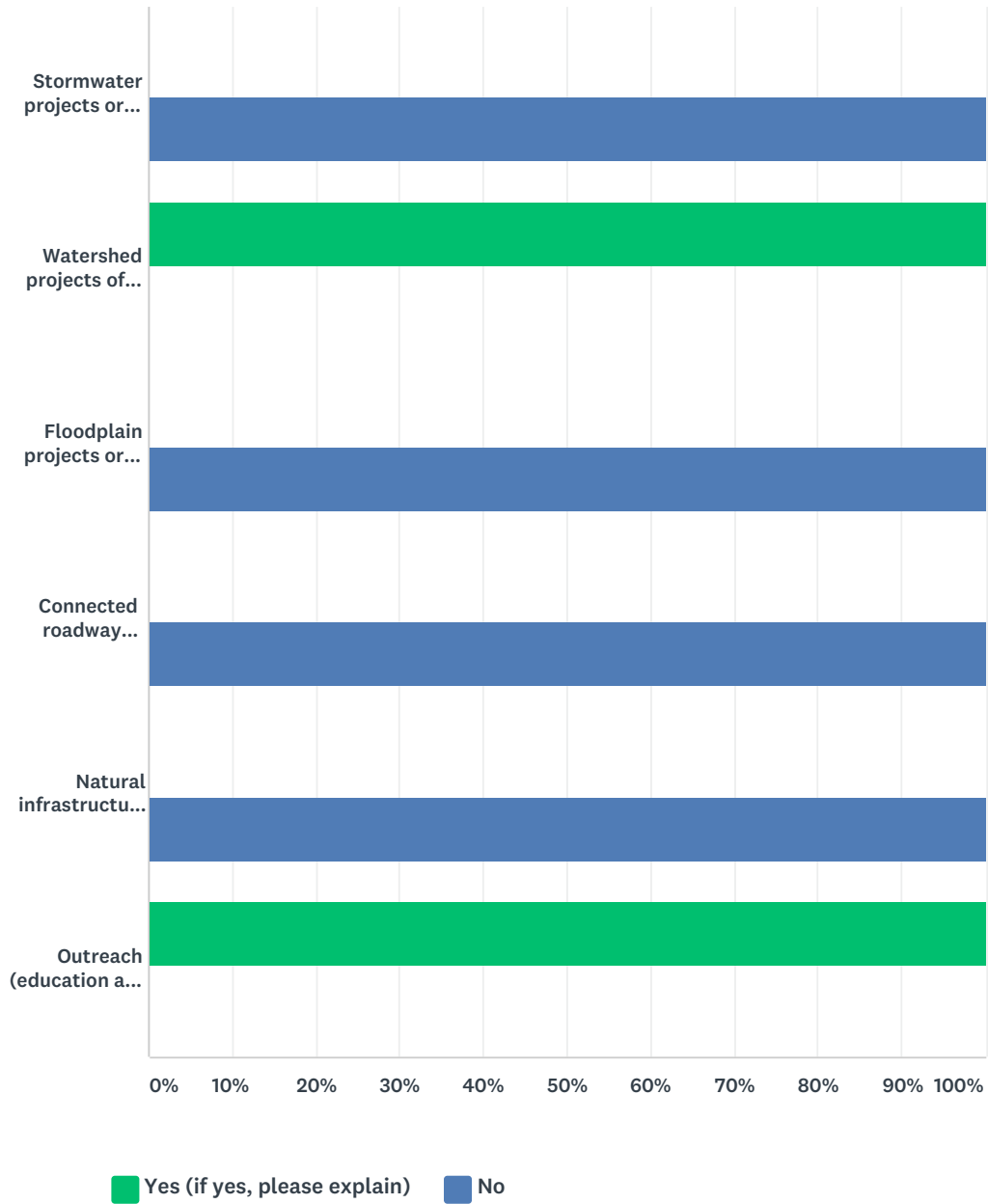


ANSWER CHOICES		RESPONSES	
Yes		100.00%	2
No		0.00%	0
If yes, please explain		50.00%	1
Total Respondents: 2			

#	IF YES, PLEASE EXPLAIN	DATE
1	Never done but would share information.	10/3/2018 1:52 PM

Q15 Are you aware of any projects for the following that requires cross-collaboration between county boundaries?

Answered: 2 Skipped: 0



	YES (IF YES, PLEASE EXPLAIN)	NO	TOTAL RESPONDENTS
Stormwater projects or planning	0.00% 0	100.00% 1	1
Watershed projects of planning	100.00% 1	0.00% 0	1
Floodplain projects or planning	0.00% 0	100.00% 1	1

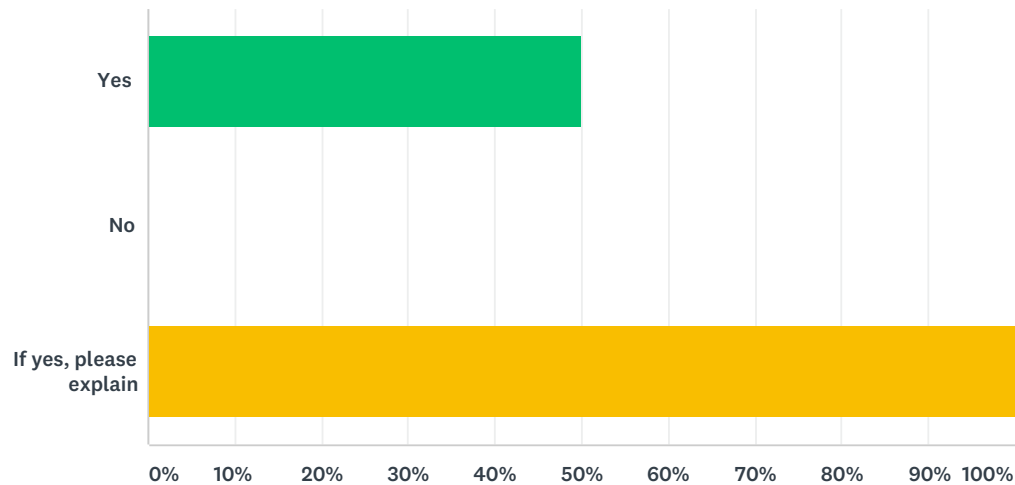
Onondaga County Hazard Mitigation Plan Update - Neighboring County Survey

Connected roadway improvements	0.00%	100.00%	1
	0	1	
Natural infrastructure restoration	0.00%	100.00%	1
	0	1	
Outreach (education and outreach campaigns, Programs for Public Information, etc.)	100.00%	0.00%	2
	2	0	

#	COMMENTS FOR "STORMWATER PROJECTS OR PLANNING"	DATE
	There are no responses.	
#	COMMENTS FOR "WATERSHED PROJECTS OF PLANNING"	DATE
	There are no responses.	
#	COMMENTS FOR "FLOODPLAIN PROJECTS OR PLANNING"	DATE
	There are no responses.	
#	COMMENTS FOR "CONNECTED ROADWAY IMPROVEMENTS"	DATE
	There are no responses.	
#	COMMENTS FOR "NATURAL INFRASTRUCTURE RESTORATION"	DATE
	There are no responses.	
#	COMMENTS FOR "OUTREACH (EDUCATION AND OUTREACH CAMPAIGNS, PROGRAMS FOR PUBLIC INFORMATION, ETC.)"	DATE
	There are no responses.	

Q16 Are you aware of any organizations that carry out education and outreach regarding natural hazards in both counties?

Answered: 2 Skipped: 0

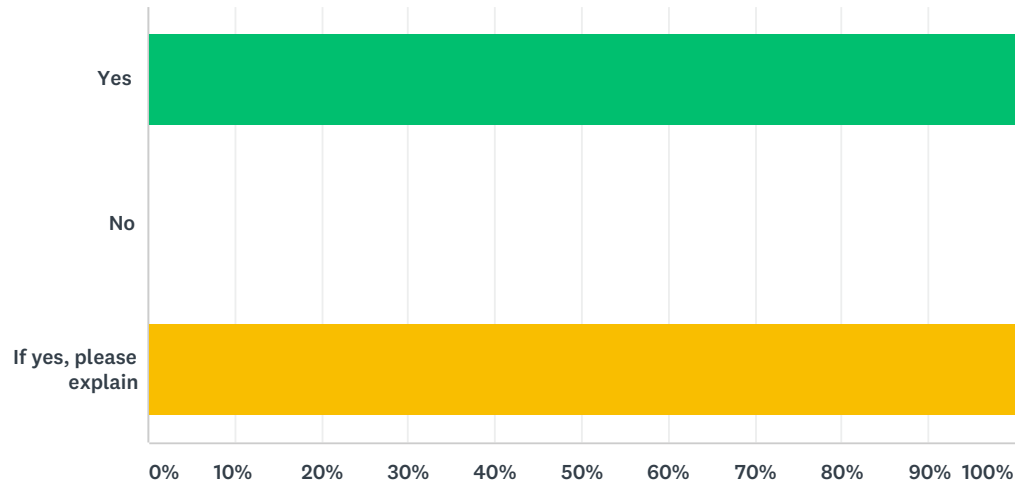


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	0.00% 0
If yes, please explain	100.00% 2
Total Respondents: 2	

#	IF YES, PLEASE EXPLAIN	DATE
1	The CNY Chapter of the American Red Cross, at a minimum	10/4/2018 11:16 AM
2	Emergency Management, EMS and Health Department education.	10/3/2018 1:52 PM

Q17 Have your county and Onondaga County collaborated on grant applications?

Answered: 2 Skipped: 0

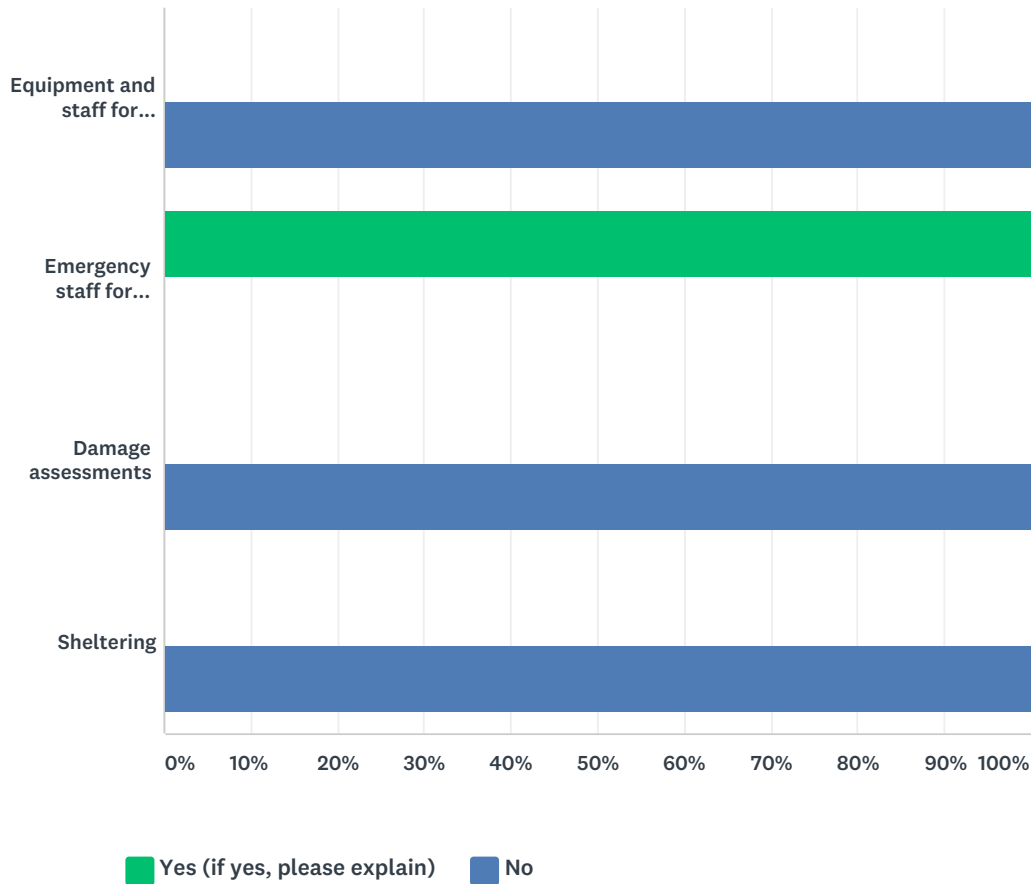


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
If yes, please explain	100.00%	2
Total Respondents: 2		

#	IF YES, PLEASE EXPLAIN	DATE
1	Oswego and Onondaga currently collaborate on a regional partnership for hazardous materials team projects that are grant-funded. There are other programs EMO is not fully aware of.	10/4/2018 11:16 AM
2	Open to collaboration. Usually unofficial communication between counties.	10/3/2018 1:52 PM

Q18 Do you have any shared service agreements or mutual aid agreements in place with Onondaga County at the county level for the following?

Answered: 1 Skipped: 1



	YES (IF YES, PLEASE EXPLAIN)	NO	TOTAL
Equipment and staff for debris cleanup and snow removal	0.00% 0	100.00% 1	1
Emergency staff for evacuations/disaster response	100.00% 1	0.00% 0	1
Damage assessments	0.00% 0	100.00% 1	1
Sheltering	0.00% 0	100.00% 1	1

#	COMMENTS FOR "EQUIPMENT AND STAFF FOR DEBRIS CLEANUP AND SNOW REMOVAL"	DATE
	There are no responses.	
#	COMMENTS FOR "EMERGENCY STAFF FOR EVACUATIONS/DISASTER RESPONSE"	DATE
	There are no responses.	
#	COMMENTS FOR "DAMAGE ASSESSMENTS"	DATE
	There are no responses.	

Onondaga County Hazard Mitigation Plan Update - Neighboring County Survey

#	COMMENTS FOR "SHELTERING"	DATE
	There are no responses.	

Q19 Name and Title of Respondent

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1		10/4/2018 11:16 AM
2		10/3/2018 1:52 PM

Q20 Contact information (email address or phone number)

Answered: 2 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name	100.00%	2
Company	100.00%	2
Address	0.00%	0
Address 2	0.00%	0
City/Town	0.00%	0
State/Province	0.00%	0
ZIP/Postal Code	0.00%	0
Country	0.00%	0
Email Address	100.00%	2
Phone Number	100.00%	2

#	NAME	DATE
1		10/4/2018 11:16 AM
2		10/3/2018 1:52 PM
#	COMPANY	DATE
1		10/4/2018 11:16 AM
2		10/3/2018 1:52 PM
#	ADDRESS	DATE
	There are no responses.	
#	ADDRESS 2	DATE
	There are no responses.	
#	CITY/TOWN	DATE
	There are no responses.	
#	STATE/PROVINCE	DATE
	There are no responses.	
#	ZIP/POSTAL CODE	DATE
	There are no responses.	
#	COUNTRY	DATE
	There are no responses.	
#	EMAIL ADDRESS	DATE
1		10/4/2018 11:16 AM
2		10/3/2018 1:52 PM
#	PHONE NUMBER	DATE
1		10/4/2018 11:16 AM
2		10/3/2018 1:52 PM



D.3 Website and Social Media Posts

The following provides screenshots of websites, news articles, and social media posts.

Figure D-1. SOCPA Website





Figure D-2. SOCPA Website – HMP Update





Figure D-3. SOCPA Website – HMP Meetings

How Can I Participate?

This webpage will be used throughout the planning process to post information, collect comments, announce meetings, and to post draft and final documents.

The survey for the 2019 update is now open. [Click here](#) to complete the survey.

Meetings for the 2019 Hazard Mitigation Plan Update

All meetings are open to the public.

Steering Committee Meeting - Draft Plan Review
Monday, March 4th, 2019
10:30 am - 12:00 pm
OneGroup Center - 706 North Clinton Street, Syracuse, NY
Free parking available in parking lot and on-street parking available along N Clinton Street

Planning Partnership Meeting - Municipal Strategy Workshop
Monday, January 14th, 2019
10:00 am - 1:00 pm
OneGroup Center - 706 North Clinton Street, Syracuse, NY
Free parking available in parking lot and on-street parking available along N Clinton Street

Planning Partnership Meeting
Thursday, September 20th, 2018
2:00 – 4:00 pm
Convention Center at Oncenter – Meeting Room 2/3 (downstairs, turn left off the escalator and go through the doors to the meeting room hallway)
800 South State Street, Syracuse, NY
Free parking available in Oncenter garage – parking vouchers available in the meeting.

Steering Committee Meeting
Thursday, September 20th, 2018
11:00 – 12:30 pm
Convention Center at Oncenter – Meeting Room 2/3 (downstairs, turn left off the escalator and go through the doors to the meeting room hallway)
800 South State Street, Syracuse, NY
Free parking available in Oncenter garage – parking vouchers available in the meeting.

Steering Committee Meeting
Wednesday, August 8th, 2018
1:00 pm
12th Floor east conference room
John H. Mulroy Civic Center, 421 Montgomery Street, Syracuse, NY

2019 Hazard Mitigation Plan Update has begun.
[Click here](#) to be added to be notified of upcoming meetings.

Hazard Mitigation Plan
Onondaga County Hazard Mitigation Plan
2019 Update

Hazard Mitigation Plan Brochure

SURVEY
Click here to take the survey and help us collect information about hazard impacts in your community.

SURVEY NOW OPEN

2013 Onondaga County Hazard Mitigation Plan Documents

FEMA



Hazard Mitigation Plan

ONONDAGA COUNTY MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN 2019 UPDATE

Onondaga County and participating municipalities are preparing an update of the Countywide Hazard Mitigation Plan. The goal of this plan is to identify ways to reduce damages from future natural hazards.

As part of the planning process, we are looking for your input on what natural hazards affect you most and how

Please take a few minutes to complete our online survey.

Click here or open the attached .pdf version for links.





Figure D-5. SWCD Website





Figure D-6. OCWA Website

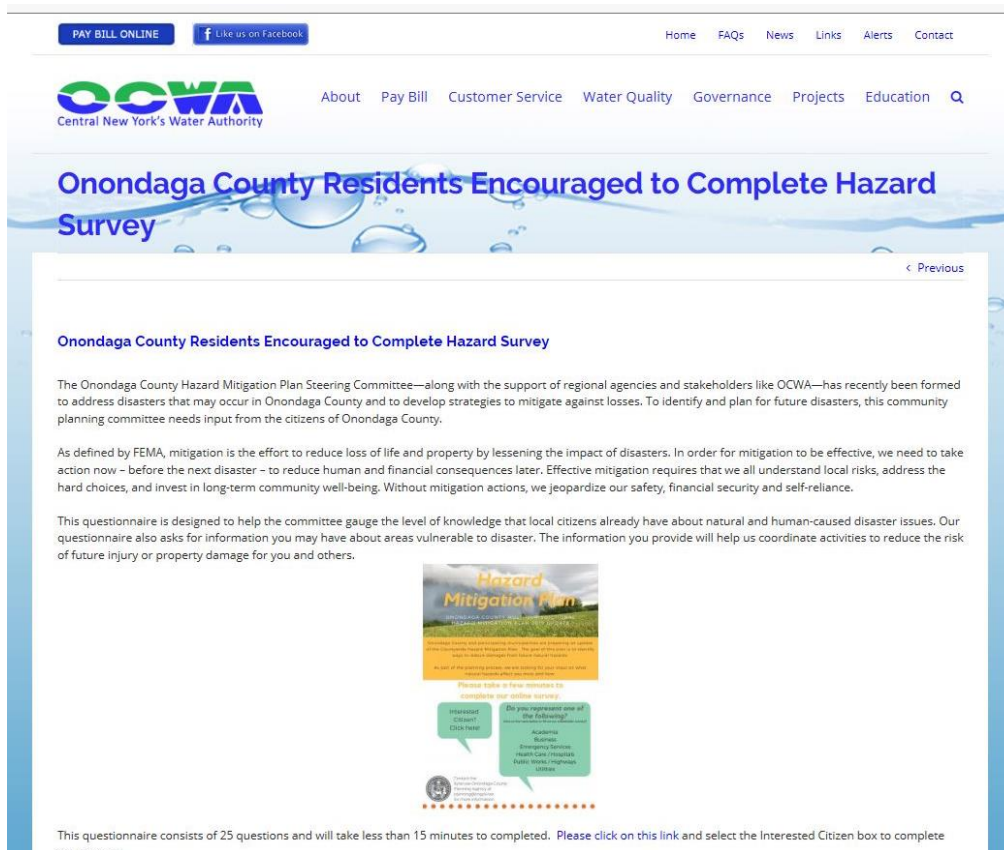





Figure D-7. September 2018 Auburn Pub Article

Onondaga County seeks public input on hazard mitigation plan, may address HABS

The Citizen staff Sep 17, 2018 Updated 14 hrs ago

SUBSCRIBE FOR 33¢ / DAY



A photo from the state Department of Environmental Conservation's website on harmful algal blooms. The website dec.ny.gov/chemical/81962.html, offers a gallery of the different appearances HABS can take.

Provided

The Syracuse-Onondaga County Planning Agency launched a survey to hear from the public on emerging hazards, such as harmful algal blooms, to help create a 2019 Hazard Mitigation Plan, the agency announced Monday.

In a press release, SOCPA said it is leading an update of the Onondaga County Multi-Jurisdictional Hazard Mitigation Plan for the county and its participating municipalities. Originally created in 2013, the plan identifies hazards of concern in the region, assesses vulnerabilities to those hazards and seeks to identify actions that may reduce damage from future hazards.

The plan update may address new hazards including harmful algal blooms, invasive species and drought in addition to hazards already identified in the original plan — which are flooding, severe storms, winter storms, land failure and earthquakes.

The county is utilizing a 25-question citizen survey to gain the public's input on the natural hazards that most affect the public and how. There is a survey for interested citizens, as well as unique stakeholder surveys for people who represent academia, business, emergency services, health care, public works or utilities.

The plan itself must be reviewed and updated regularly as it is required by state and federal agencies for Onondaga County communities to be eligible for certain types of non-emergency disaster assistance, such as funding for mitigation projects that reduce vulnerability and help the community become more resilient to disasters. The ultimate goal of hazard mitigation is lessen the impact of disasters and to reduce the loss of life and property.

SOCPPA referred to hazard planning as a "wise investment," given that the Federal Emergency Management Agency cites that every \$1 spent on hazard mitigation prior to a natural disaster can save a community \$6 on future disaster losses.

During the plan's update and development process, a series of public meetings will be held to hear from the public and to present a draft 2019 Hazard Mitigation Plan to residents and local officials.

For more information or to share an idea or a hazard concern, visit ongov.net/planning/haz.html, contact your municipality or contact SOCPA at planning@ongov.net or (315) 435-2611.



Figure D-8. September 2018 Urban CNY Article

Onondaga County to Update its Hazard Mitigation Plan



Urban CNY News

Published monthly by: URBAN CNY Send mail c/o Eagle Media 2501 James Street, Syracuse, NY 13206. EMAIL: news@urbancny.com.

Posted on September 18, 2018 in [Neighborhoods, News](#) by [Urban CNY News](#)



The Syracuse-Onondaga County Planning Agency (SOCPA) is now leading the update of the Onondaga County Multi-Jurisdictional Hazard Mitigation Plan, for the County and its municipalities.

The plan was originally adopted by the Onondaga County Legislature in 2013, and by participating municipalities.

Hazard mitigation, or hazard planning, provides an opportunity to identify key local actions to be taken to reduce or eliminate the long-term risk to human life and property from natural hazards. It is also a wise investment – the Federal Emergency Management Agency (FEMA) cites that every \$1 spent on hazard mitigation before a natural disaster hits a community

saves \$6 on future disaster losses after the fact.

The planning effort includes four phases:

- Identify hazards that may impact the County and its municipalities;
- Profile the most relevant hazards and their potential consequences;
- Identify critical facilities and estimate the potential losses that could result from each type of hazard; and
- Develop a hazard mitigation strategy, to include hazard mitigation goals and actions designed to reduce losses.

The primary hazards of concern to Onondaga County identified in the original plan include flooding, severe storms, winter storms, land failure and earthquakes. The update will also consider analysis of new hazards of concern, such as harmful algae blooms, drought and/or invasive species.

Ultimately, the mitigation projects and actions identified and implemented will reduce vulnerability and enable communities to become more resilient to disasters. Having a plan in place also allows the County and participating jurisdictions to be eligible for certain pre-disaster funding through FEMA. Examples of grant-eligible projects for flooding, our most extensive threat, include home acquisitions in flood-prone areas, local stormwater control measures along roads, or shoreline stabilization along waterways.



Figure D-9. Onondaga County Facebook Post, September 19, 2018



Figure D-10. Onondaga County Facebook Post, September 21, 2018





Figure D-11. Urban CNY Facebook Post, September 18, 2018



Figure D-12. NYS EMT-Basic Facebook Post, September 22, 2018

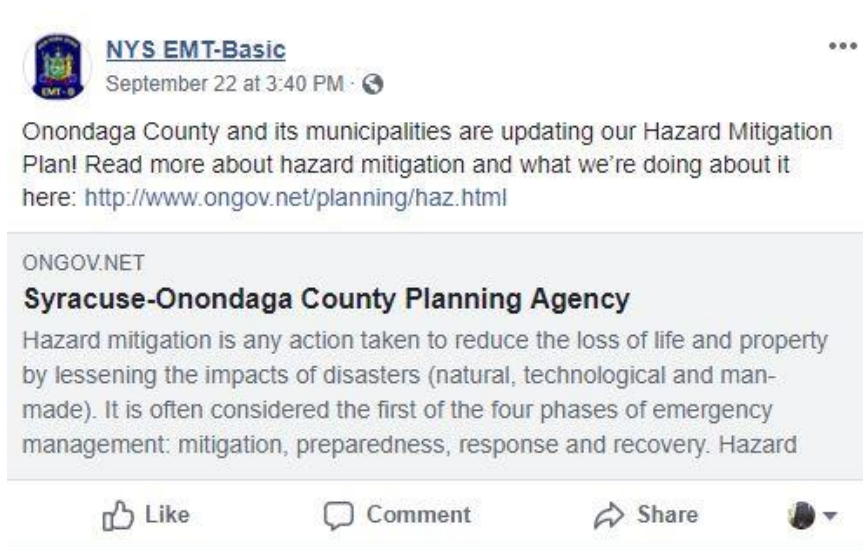




Figure D-13. Syracuse Metropolitan Transportation Council Facebook Post, September 17, 2018





Figure D-14. Town of Geddes Facebook Post, September 25, 2018

Town of Geddes · September 25 at 10:17 AM · 🌐

Your input is needed! Onondaga County is updating its Hazard Mitigation Plan and we need your help! Click here to share your ideas and help us collect information about hazard impacts in your community.

To take survey: <https://www.surveymonkey.com/r/OnondagaCitizenSurvey>
Hazard Mitigation Plan Website: <http://ongov.net/planning/haz.html>

Hazard Mitigation Plan

ONONDAGA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2019 UPDATE

County and participating municipalities are preparing a countywide Hazard Mitigation Plan. The goal of this plan is to reduce damages from future natural hazards.

of the planning process, we are looking for your input on how natural hazards affect you most and how.

Please take a few minutes to complete our online survey.

Interested Citizen? Click here!

Do you represent one of the following?
(Click on the name below to fill out our stakeholder survey)

- Academia
- Business
- Emergency Services
- Health Care / Hospital
- Public Works / Highway
- Utilities

Contact the Syracuse-Onondaga County Planning Agency at planning@ongov.net for more information

Mitigation Plan

ONONDAGA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2019 UPDATE

Mission
The mission of the Onondaga County Multi-Jurisdictional Hazard Mitigation Plan is to protect the health, safety, property, environment, and economy of the communities within Onondaga County and to increase resilience by addressing its diversity, and reduce our future vulnerability to natural hazards in a proactive and efficient manner.

Support the Plan!
A survey is being used to collect information on how natural hazards affect you most and how.

What is Hazard Mitigation?
Hazard mitigation describes an action taken to reduce or eliminate long-term risk to people or property caused by hazards or threats. Hazard mitigation includes actions that are taken to reduce the risk of damage or loss of life, property, and the environment. Hazard mitigation includes actions that are taken to reduce the risk of damage or loss of life, property, and the environment.

What's the Plan?
The Onondaga County Multi-Jurisdictional Hazard Mitigation Plan is a plan that will be used to guide the county's efforts to reduce the risk of damage or loss of life, property, and the environment. The plan will be used to guide the county's efforts to reduce the risk of damage or loss of life, property, and the environment.

What are the benefits of participating in the Hazard Mitigation Plan?
There are many benefits to participating in the Hazard Mitigation Plan. Some of the benefits include:

- 1. Increased awareness of the risks of natural hazards.
- 2. Increased understanding of the county's efforts to reduce the risk of damage or loss of life, property, and the environment.
- 3. Increased understanding of the county's efforts to reduce the risk of damage or loss of life, property, and the environment.
- 4. Increased understanding of the county's efforts to reduce the risk of damage or loss of life, property, and the environment.

What is a Hazard Mitigation Plan?
A Hazard Mitigation Plan is a plan that will be used to guide the county's efforts to reduce the risk of damage or loss of life, property, and the environment. The plan will be used to guide the county's efforts to reduce the risk of damage or loss of life, property, and the environment.

For more information:
Contact your municipality
or
Contact SOCPA
planning@ongov.net or 315.433.2691

Onondaga County resident?
Take our survey!
<https://www.surveymonkey.com/r/OnondagaCitizenSurvey>

2 Likes · 3 Shares

Like · Comment · Share



Figure D-15. Town of Manlius Municipal Website

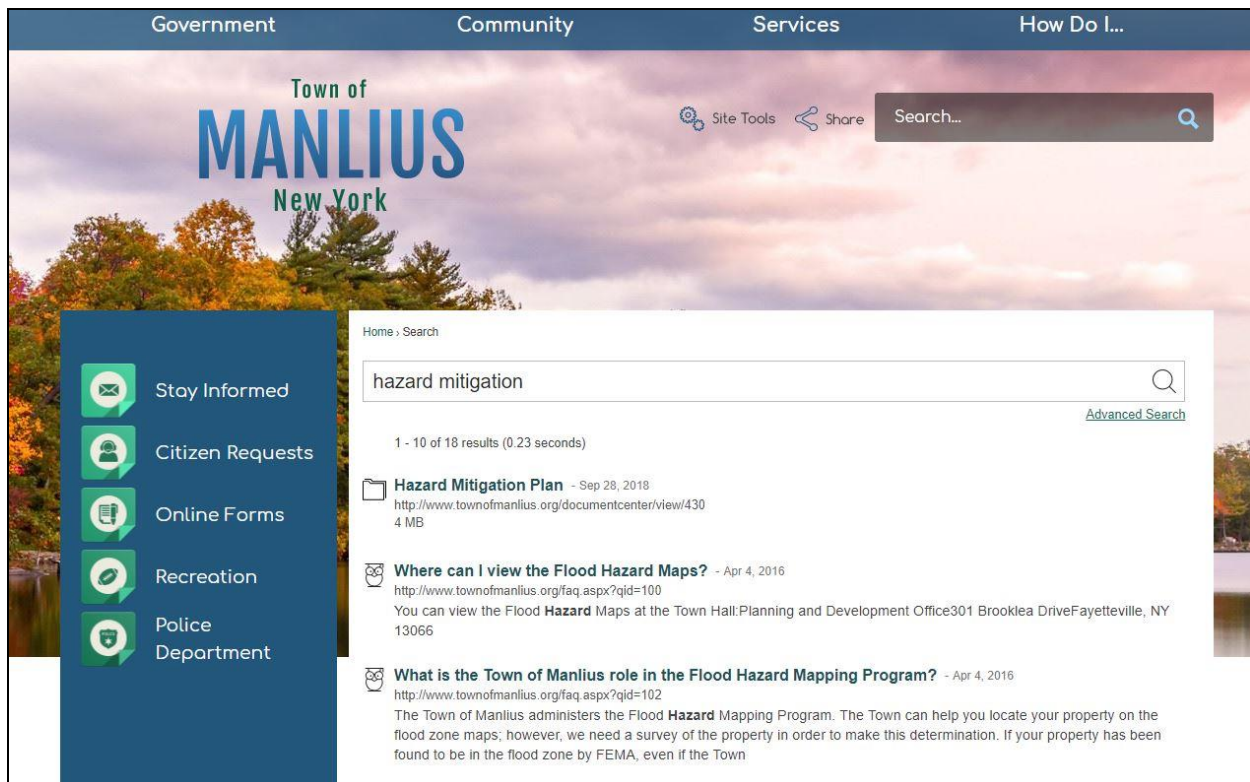




Figure D-16. Village of Solvay Municipal Website

