



APPENDIX D. PUBLIC AND STAKEHOLDER OUTREACH

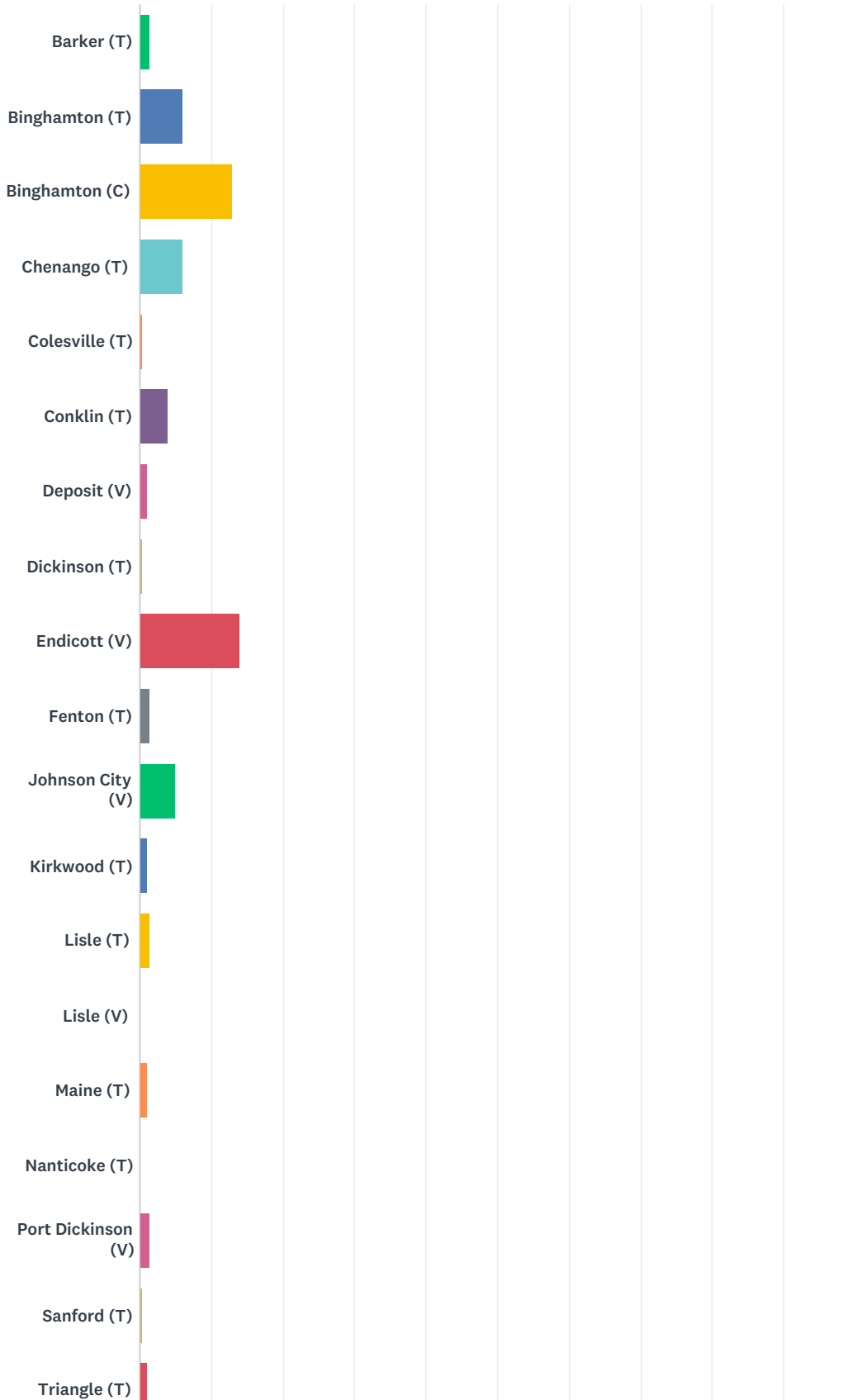
This appendix provides documentation of public and stakeholder outreach. Stakeholder involvement in this planning process was broad and productive as discussed and further documented in Section 3 (Planning Process). Public and stakeholder input has been incorporated throughout this HMP as appropriate, 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 Broome County Citizen Survey Results

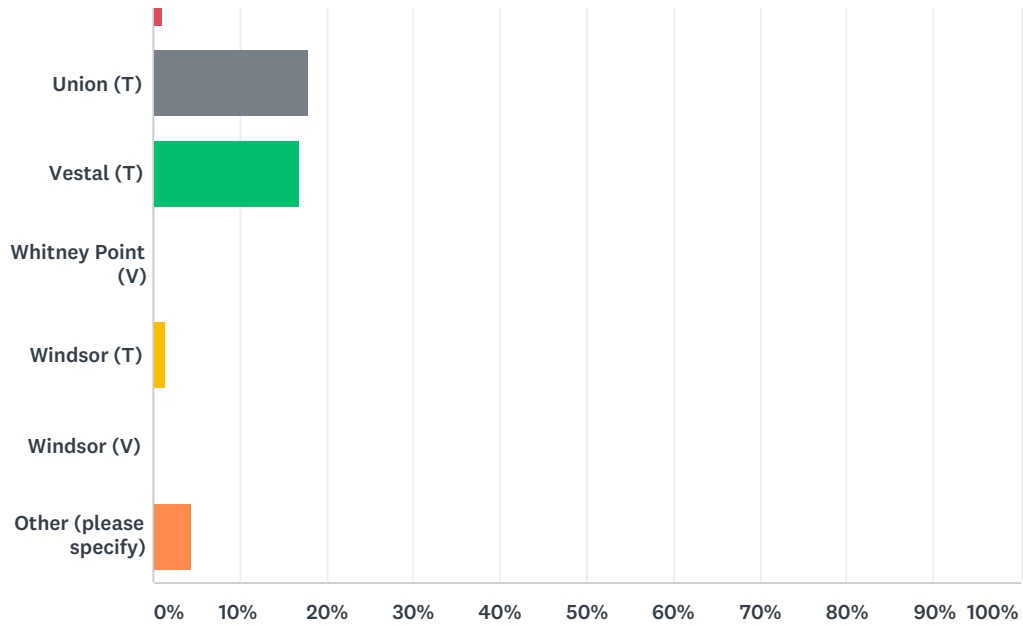
This section contains information and results gathered from the Broome County Citizen Survey. The main objective of this survey was to gather information from citizens regarding their level of knowledge regarding hazard vulnerability and knowledge of hazard mitigation information for their local communities. The survey was available on the Broome County Planning Department website in Summer 2018. 201 respondents completed this survey over a period of five months during the planning process. Respondents primarily consisted of individuals who have lived in Broome County for 20 years or more, live in a single-family home, and are older than 50 years old. Survey respondents indicated that flooding was the hazard of greatest concern. Mitigation projects identified by survey respondents to reduce the effects of hazards include: enhancing stream maintenance programs, retrofitting infrastructure, and installation/improvement of protective structures. Survey results are listed below.

Q1 Please indicate the municipality in which you live:

Answered: 201 Skipped: 0



Broome County Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES	
Barker (T)	1.49%	3
Binghamton (T)	5.97%	12
Binghamton (C)	12.94%	26
Chenango (T)	5.97%	12
Colesville (T)	0.50%	1
Conklin (T)	3.98%	8
Deposit (V)	1.00%	2
Dickinson (T)	0.50%	1
Endicott (V)	13.93%	28
Fenton (T)	1.49%	3
Johnson City (V)	4.98%	10
Kirkwood (T)	1.00%	2
Lisle (T)	1.49%	3
Lisle (V)	0.00%	0
Maine (T)	1.00%	2
Nanticoke (T)	0.00%	0
Port Dickinson (V)	1.49%	3
Sanford (T)	0.50%	1
Triangle (T)	1.00%	2
Union (T)	17.91%	36
Vestal (T)	16.92%	34

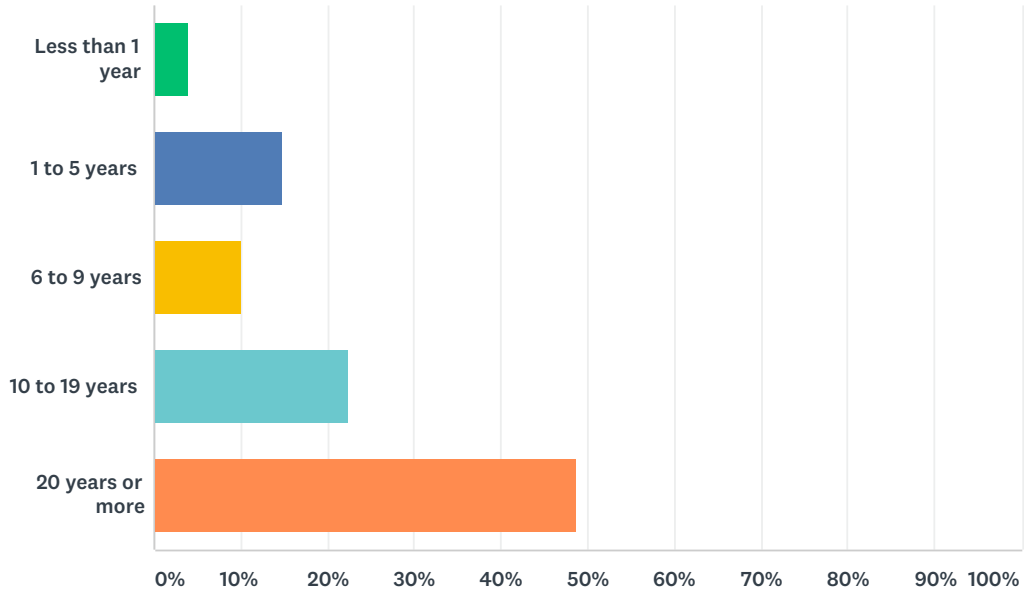
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Whitney Point (V)	0.00%	0
Windsor (T)	1.49%	3
Windsor (V)	0.00%	0
Other (please specify)	4.48%	9
TOTAL		201

#	OTHER (PLEASE SPECIFY)	DATE
1	Chenango Forks	12/2/2018 11:46 AM
2	Endwell,ny	9/8/2018 6:33 PM
3	Endwell	9/6/2018 2:23 PM
4	Endwell	9/5/2018 8:31 PM
5	Endwell	9/5/2018 4:25 PM
6	Endwell	9/5/2018 4:19 PM
7	Endwell	9/5/2018 3:52 PM
8	Endwell	9/5/2018 11:58 AM
9	maine endwell	9/5/2018 11:50 AM

Q2 How long have you lived here?

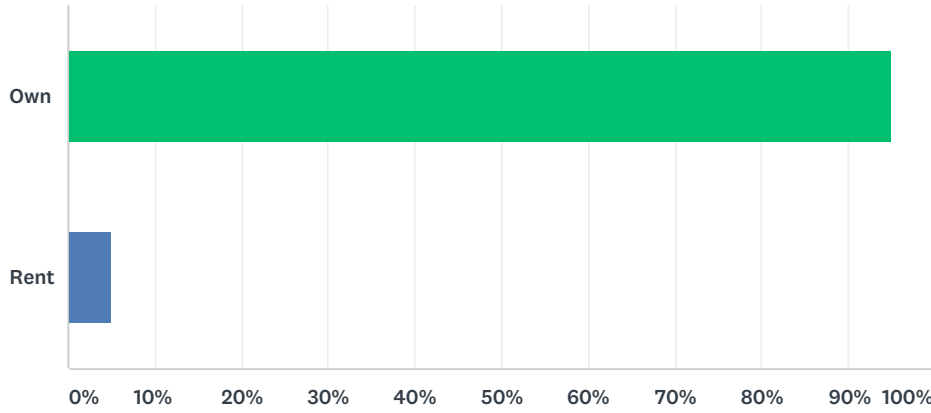
Answered: 201 Skipped: 0



ANSWER CHOICES	RESPONSES	
Less than 1 year	3.98%	8
1 to 5 years	14.93%	30
6 to 9 years	9.95%	20
10 to 19 years	22.39%	45
20 years or more	48.76%	98
TOTAL		201

Q3 Do you own or rent your place of residence?

Answered: 200 Skipped: 1



ANSWER CHOICES	RESPONSES	
Own	95.00%	190
Rent	5.00%	10
TOTAL		200

Q4 What street is your property on? (optional, will be kept confidential – only used to identify hazard areas such as flooding)

Answered: 177 Skipped: 24

#	RESPONSES	DATE
1		12/20/2018 9:37 AM
2		12/2/2018 11:46 AM
3		11/20/2018 2:32 PM
4		11/19/2018 10:17 AM
5		11/13/2018 10:03 AM
6		10/28/2018 6:47 PM
7		10/24/2018 8:48 AM
8		10/17/2018 9:14 PM
9		10/13/2018 2:06 PM
10		10/4/2018 11:57 AM
11		10/4/2018 7:01 AM
12		10/3/2018 8:30 PM
13		10/1/2018 7:14 PM
14		9/29/2018 10:26 AM
15		9/27/2018 12:45 PM
16		9/26/2018 11:31 AM
17		9/23/2018 7:08 PM
18		9/23/2018 2:01 PM
19		9/21/2018 6:41 PM
20		9/21/2018 6:04 AM
21		9/20/2018 8:06 AM
22		9/19/2018 9:55 PM
23		9/19/2018 8:55 AM
24		9/19/2018 8:45 AM
25		9/19/2018 5:37 AM
26		9/18/2018 7:55 PM
27		9/18/2018 5:50 PM
28		9/18/2018 2:04 PM
29		9/18/2018 11:20 AM
30		9/18/2018 9:52 AM
31		9/18/2018 9:24 AM
32		9/18/2018 8:06 AM
33		9/18/2018 7:42 AM
34		9/18/2018 7:33 AM

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35	9/18/2018 7:22 AM
36	9/18/2018 6:45 AM
37	9/17/2018 7:02 PM
38	9/17/2018 6:42 PM
39	9/17/2018 5:50 PM
40	9/17/2018 5:20 PM
41	9/17/2018 5:04 PM
42	9/17/2018 4:54 PM
43	9/17/2018 4:35 PM
44	9/17/2018 4:04 PM
45	9/17/2018 4:03 PM
46	9/17/2018 3:45 PM
47	9/17/2018 2:51 PM
48	9/17/2018 2:39 PM
49	9/17/2018 1:05 PM
50	9/17/2018 1:00 PM
51	9/17/2018 12:12 PM
52	9/17/2018 10:55 AM
53	9/13/2018 12:46 PM
54	9/10/2018 5:20 PM
55	9/10/2018 4:33 PM
56	9/10/2018 8:57 AM
57	9/10/2018 8:22 AM
58	9/9/2018 6:14 PM
59	9/9/2018 5:14 PM
60	9/9/2018 2:31 PM
61	9/8/2018 6:33 PM
62	9/7/2018 11:40 AM
63	9/7/2018 10:55 AM
64	9/7/2018 10:48 AM
65	9/7/2018 5:53 AM
66	9/7/2018 12:33 AM
67	9/6/2018 8:38 PM
68	9/6/2018 8:25 PM
69	9/6/2018 5:27 PM
70	9/6/2018 5:24 PM
71	9/6/2018 4:43 PM
72	9/6/2018 3:42 PM
73	9/6/2018 3:35 PM
74	9/6/2018 2:23 PM
75	9/6/2018 2:22 PM

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76	9/6/2018 2:03 PM
77	9/6/2018 1:43 PM
78	9/6/2018 1:34 PM
79	9/6/2018 1:18 PM
80	9/6/2018 12:44 PM
81	9/6/2018 11:26 AM
82	9/6/2018 10:13 AM
83	9/6/2018 6:05 AM
84	9/5/2018 10:31 PM
85	9/5/2018 9:56 PM
86	9/5/2018 9:41 PM
87	9/5/2018 8:31 PM
88	9/5/2018 7:56 PM
89	9/5/2018 5:45 PM
90	9/5/2018 5:14 PM
91	9/5/2018 4:47 PM
92	9/5/2018 4:43 PM
93	9/5/2018 4:38 PM
94	9/5/2018 4:25 PM
95	9/5/2018 4:19 PM
96	9/5/2018 3:52 PM
97	9/5/2018 3:48 PM
98	9/5/2018 3:40 PM
99	9/5/2018 3:20 PM
100	9/5/2018 2:47 PM
101	9/5/2018 1:39 PM
102	9/5/2018 1:33 PM
103	9/5/2018 1:29 PM
104	9/5/2018 1:13 PM
105	9/5/2018 1:00 PM
106	9/5/2018 12:59 PM
107	9/5/2018 12:52 PM
108	9/5/2018 12:45 PM
109	9/5/2018 12:44 PM
110	9/5/2018 12:36 PM
111	9/5/2018 12:30 PM
112	9/5/2018 12:19 PM
113	9/5/2018 12:14 PM
114	9/5/2018 12:11 PM
115	9/5/2018 12:07 PM
116	9/5/2018 12:00 PM

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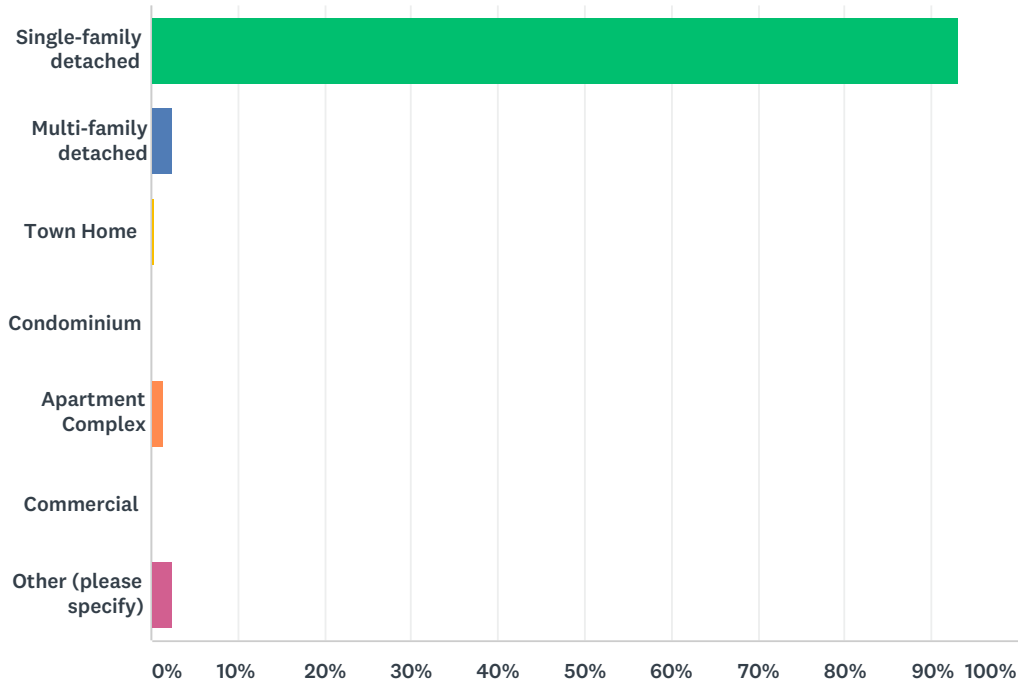
117	9/5/2018 11:58 AM
118	9/5/2018 11:55 AM
119	9/5/2018 11:50 AM
120	9/5/2018 11:49 AM
121	9/5/2018 10:52 AM
122	9/4/2018 7:12 PM
123	9/4/2018 2:45 PM
124	9/4/2018 5:02 AM
125	9/2/2018 7:56 PM
126	9/2/2018 12:20 PM
127	9/1/2018 4:19 PM
128	9/1/2018 2:58 PM
129	9/1/2018 2:36 PM
130	9/1/2018 2:30 PM
131	9/1/2018 2:09 PM
132	9/1/2018 1:49 PM
133	9/1/2018 1:48 PM
134	9/1/2018 12:56 PM
135	9/1/2018 12:33 PM
136	9/1/2018 12:27 PM
137	9/1/2018 12:21 PM
138	9/1/2018 12:13 PM
139	9/1/2018 11:46 AM
140	9/1/2018 8:54 AM
141	8/31/2018 12:46 PM
142	8/30/2018 7:36 PM
143	8/30/2018 2:09 PM
144	8/30/2018 1:41 PM
145	8/30/2018 10:40 AM
146	8/30/2018 10:36 AM
147	8/30/2018 7:03 AM
148	8/29/2018 2:40 PM
149	8/29/2018 11:46 AM
150	8/28/2018 8:45 AM
151	8/28/2018 8:25 AM
152	8/27/2018 3:24 PM
153	8/27/2018 2:34 PM
154	8/27/2018 12:54 PM
155	8/27/2018 11:27 AM
156	8/27/2018 10:41 AM
157	8/27/2018 9:36 AM

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158	8/27/2018 7:49 AM
159	8/27/2018 7:18 AM
160	8/27/2018 6:59 AM
161	8/27/2018 6:58 AM
162	8/27/2018 6:54 AM
163	8/27/2018 6:53 AM
164	8/27/2018 6:33 AM
165	8/26/2018 7:59 PM
166	8/24/2018 9:40 AM
167	8/24/2018 9:40 AM
168	8/24/2018 9:06 AM
169	8/23/2018 4:01 PM
170	8/23/2018 2:04 PM
171	8/23/2018 12:30 PM
172	8/23/2018 9:49 AM
173	8/22/2018 8:06 PM
174	8/22/2018 6:51 PM
175	8/22/2018 4:48 PM
176	8/22/2018 1:38 PM
177	8/21/2018 7:15 AM

Q5 What type of residence do you live in?

Answered: 200 Skipped: 1

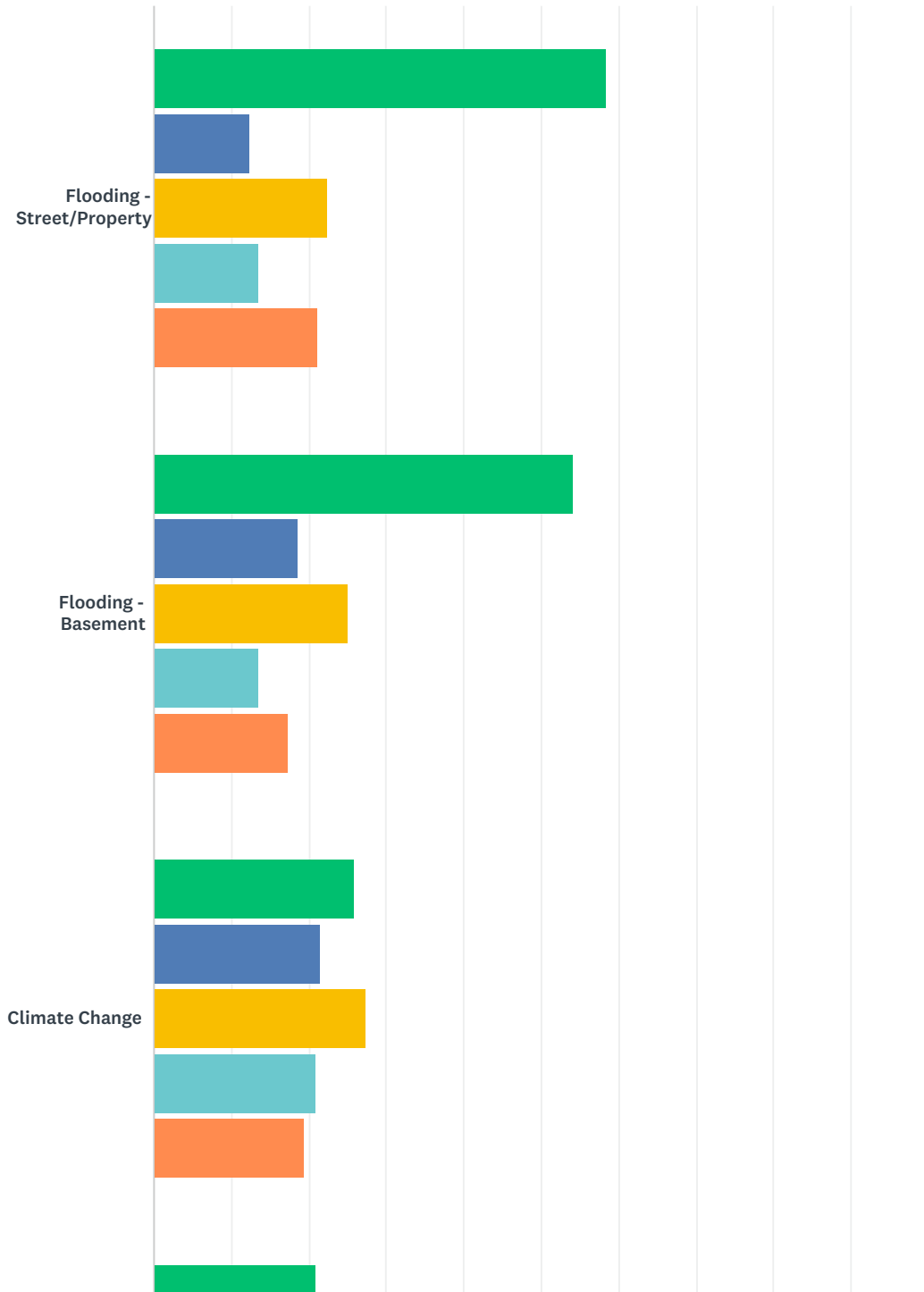


ANSWER CHOICES	RESPONSES	
Single-family detached	93.00%	186
Multi-family detached	2.50%	5
Town Home	0.50%	1
Condominium	0.00%	0
Apartment Complex	1.50%	3
Commercial	0.00%	0
Other (please specify)	2.50%	5
TOTAL		200

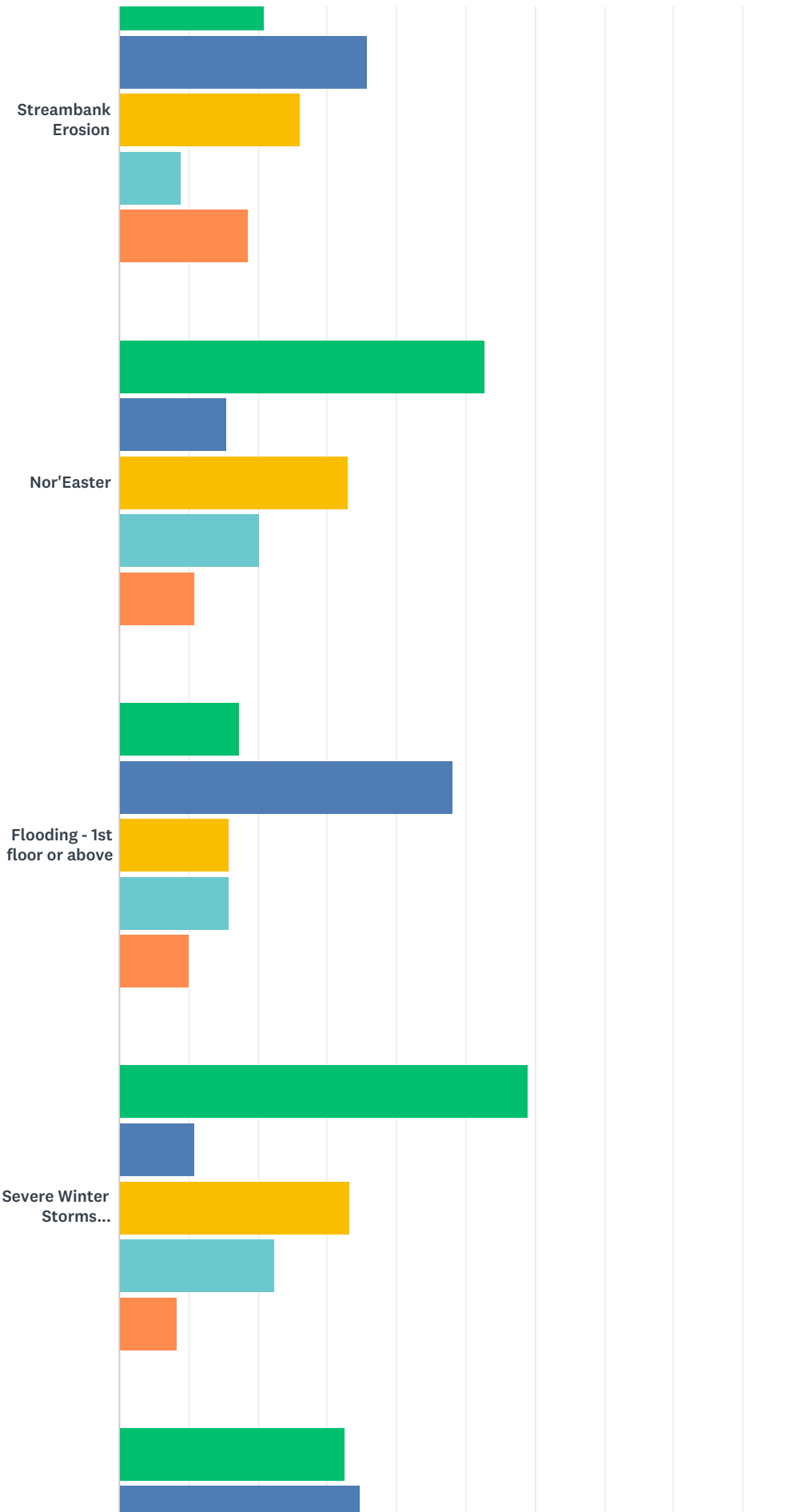
#	OTHER (PLEASE SPECIFY)	DATE
1	Loft apartment building, historic building	9/7/2018 11:40 AM
2	mobile home	9/5/2018 7:56 PM
3	One house family	9/5/2018 12:44 PM
4	Single Family Home	9/5/2018 12:30 PM
5	Mobile Home	8/22/2018 8:06 PM

Q6 In the past 10 years, which of the following types of hazards/natural disasters have you or someone in your household experienced within Broome County, or sustained damage as a result of? How concerned are you about the following hazards impacting the County? (In the first column indicate if you have experienced the hazard, then indicate your level of concern).

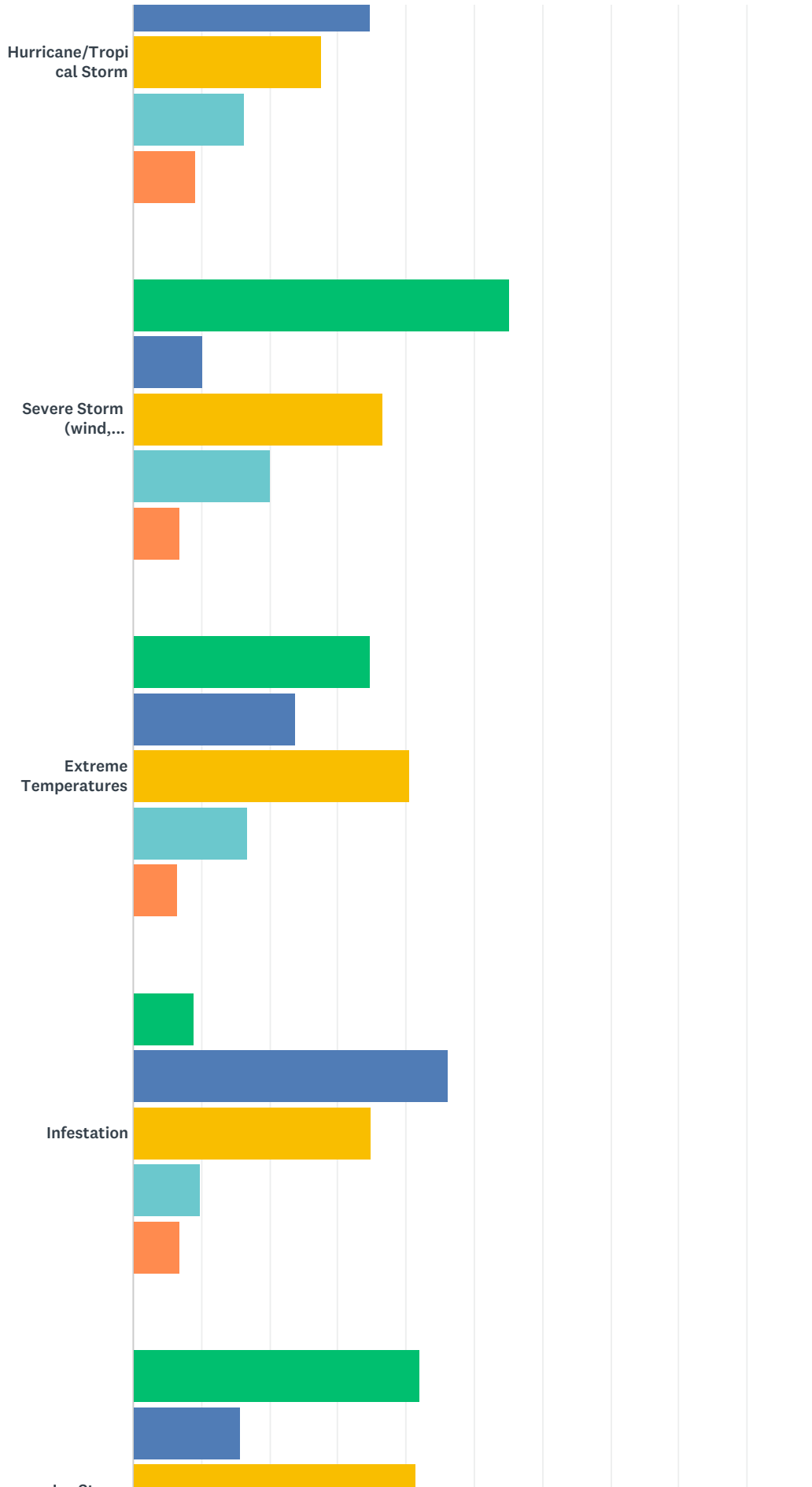
Answered: 167 Skipped: 34



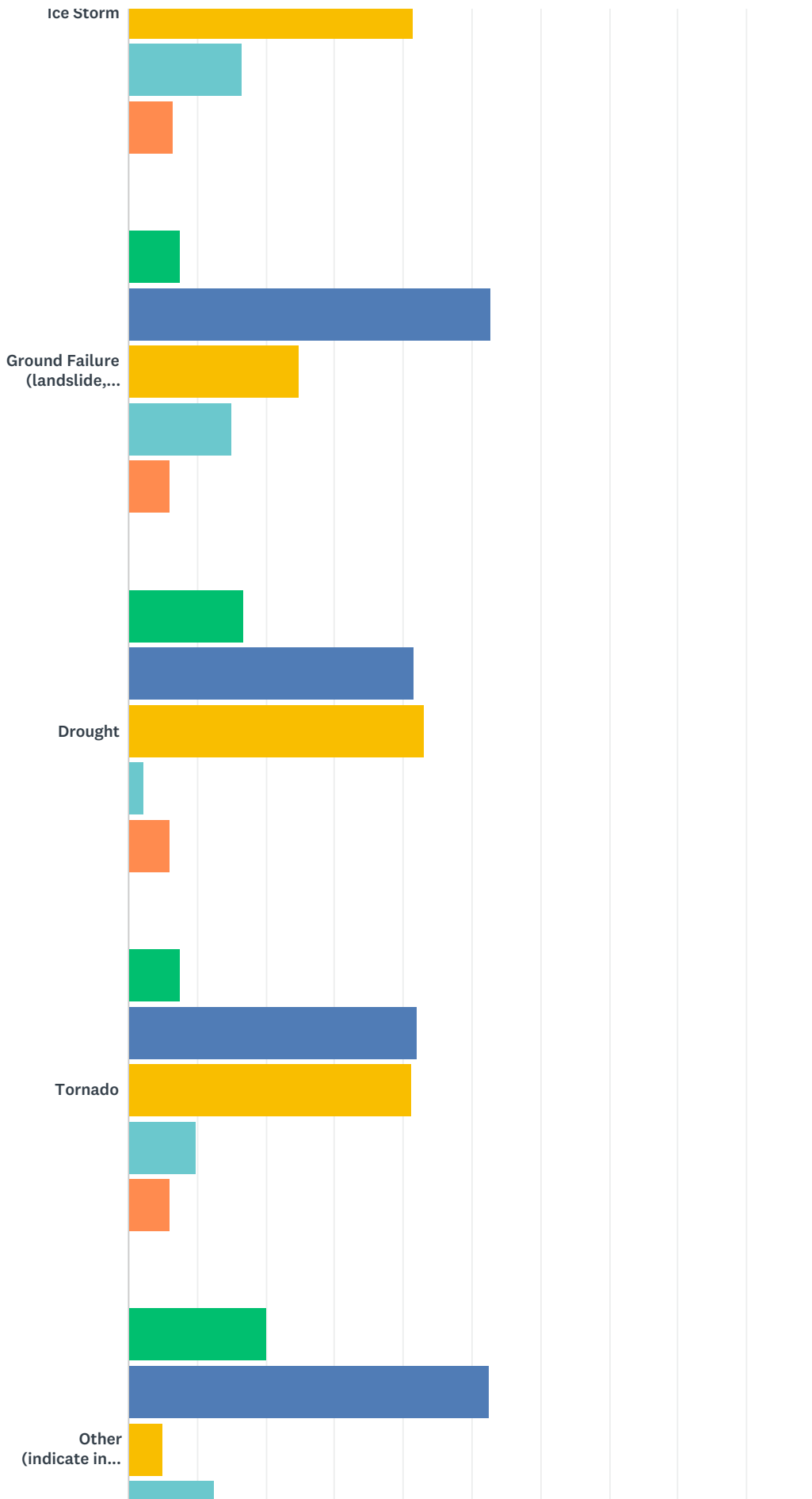
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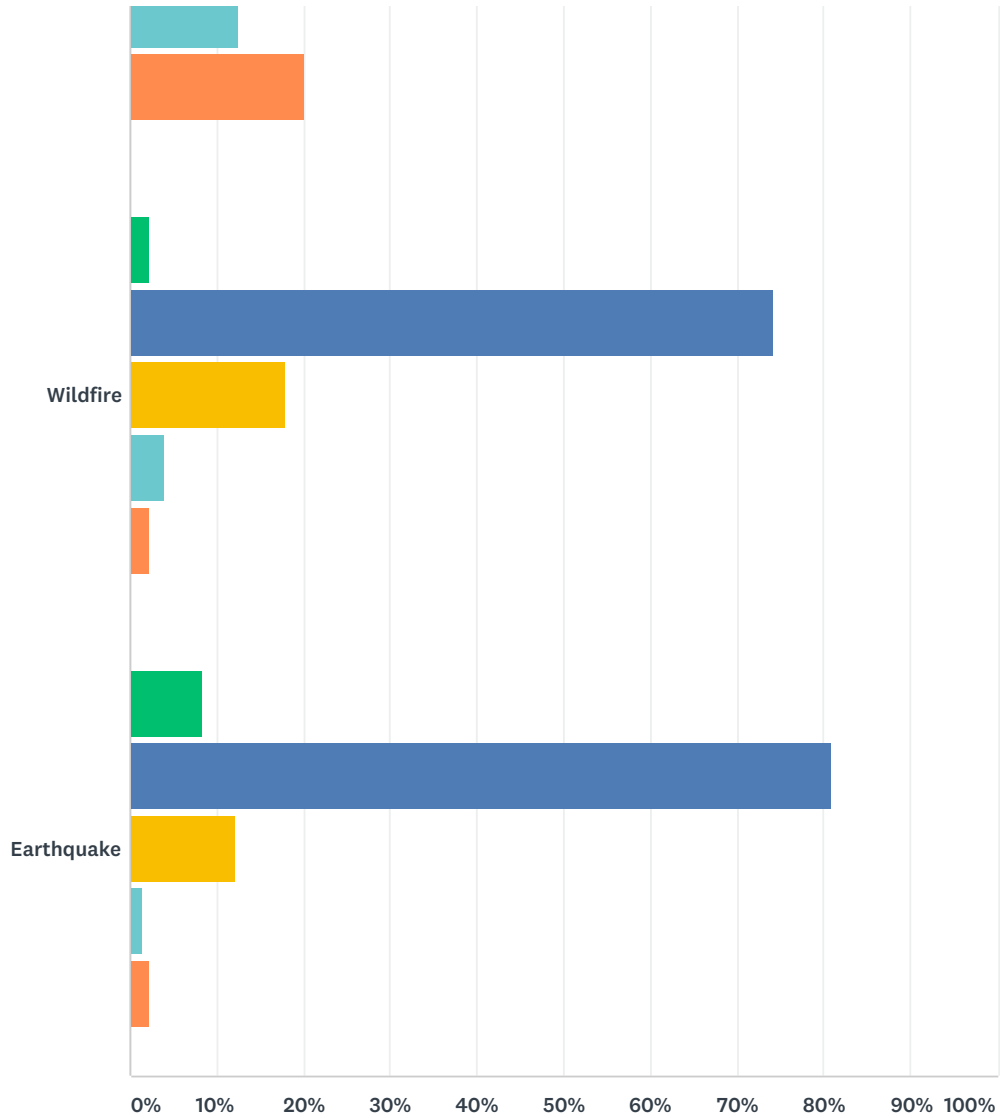
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■ Have Experienced
 ■ Not Concerned
 ■ Somewhat Concerned
■ Very Concerned
 ■ Extremely Concerned

	HAVE EXPERIENCED	NOT CONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	EXTREMELY CONCERNED	TOTAL RESPONDENTS
Flooding - Street/Property	58.39% 94	12.42% 20	22.36% 36	13.66% 22	21.12% 34	161
Flooding - Basement	54.19% 84	18.71% 29	25.16% 39	13.55% 21	17.42% 27	155
Climate Change	25.90% 36	21.58% 30	27.34% 38	20.86% 29	19.42% 27	139
Streambank Erosion	20.90% 28	35.82% 48	26.12% 35	8.96% 12	18.66% 25	134
Nor'Easter	52.70% 78	15.54% 23	33.11% 49	20.27% 30	10.81% 16	148
Flooding - 1st floor or above	17.27% 24	48.20% 67	15.83% 22	15.83% 22	10.07% 14	139

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Severe Winter Storms (blizzard, heavy snow, ice)	58.97% 92	10.90% 17	33.33% 52	22.44% 35	8.33% 13	156
Hurricane/Tropical Storm	32.62% 46	34.75% 49	27.66% 39	16.31% 23	9.22% 13	141
Severe Storm (wind, lightning, hail)	55.17% 80	10.34% 15	36.55% 53	20.00% 29	6.90% 10	145
Extreme Temperatures	34.78% 48	23.91% 33	40.58% 56	16.67% 23	6.52% 9	138
Infestation	9.09% 12	46.21% 61	34.85% 46	9.85% 13	6.82% 9	132
Ice Storm	42.14% 59	15.71% 22	41.43% 58	16.43% 23	6.43% 9	140
Ground Failure (landslide, sinkholes)	7.52% 10	52.63% 70	24.81% 33	15.04% 20	6.02% 8	133
Drought	16.67% 22	41.67% 55	43.18% 57	2.27% 3	6.06% 8	132
Tornado	7.63% 10	41.98% 55	41.22% 54	9.92% 13	6.11% 8	131
Other (indicate in comment box below)	20.00% 8	52.50% 21	5.00% 2	12.50% 5	20.00% 8	40
Wildfire	2.34% 3	74.22% 95	17.97% 23	3.91% 5	2.34% 3	128
Earthquake	8.40% 11	80.92% 106	12.21% 16	1.53% 2	2.29% 3	131

#	OTHER (PLEASE SPECIFY)	DATE
1	River filling in causing growing flood plain	11/16/2018 7:59 PM
2	We have had 3 floods this year, with no help and no one seems concerned.	9/23/2018 7:24 PM
3	Basement septic backup	9/18/2018 11:32 AM
4	after heavy rain standing water in yard, mosquitoes make it impossible to go out without being attacked and bitten	9/18/2018 8:26 AM
5	The amount of large, old trees near roads and people's houses	9/18/2018 7:52 AM
6	inadequate storm sewers (Taft Ave)	9/17/2018 9:08 PM
7	Excessive hebecide, pesticide and fertilizer use	9/17/2018 4:28 PM
8	municipal water and sewers	9/17/2018 2:59 PM
9	Heroin dealings	9/17/2018 2:42 PM
10	Please clean out islands in rivers and that will end all flooding, it's that simple...	9/17/2018 1:05 PM
11	Creeks not widened	9/17/2018 12:29 PM
12		9/12/2018 12:04 PM
13	Ticks that produce Lyme or West Nile Diseases	9/7/2018 11:02 AM
14	Rock stone build up in katteville creek from hillside causing flooding to neighborhood and eventually roadway	9/7/2018 6:00 AM
15	Power Failure	9/6/2018 2:34 PM
16	run off, sewer backup	9/5/2018 10:04 PM
17	Natural water shed is filled up with sediment and floods into park	9/5/2018 8:11 PM
18	Lack of help from Feds an NYS.	9/5/2018 4:49 PM

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19	Dredge the choconut	9/1/2018 3:01 PM
20	Choconut creek consistently flooding in Vestsl Center	9/1/2018 2:44 PM
21	choconut creek clooged	9/1/2018 1:57 PM
22	Creek jumping bank and flooding around houses	9/1/2018 1:00 PM
23	Neighbors fire	9/1/2018 12:33 PM
24	town of union gave permission to my nieghbor at 1715 uc maine hwy to fill in his backyard now i flood and the town is taking no real actions to mitigate my damages as he blocked the path of water to a ditch so now i have a man town made flood niether is broome county they told me its a town issue	9/1/2018 12:27 PM
25	natural gas infrastruture: pipelines, compressor stations (and shale gas drilling(fracking) per se).	8/30/2018 10:51 AM
26	run off from town roads and driveways due lack of storm drainage systems leaving water during heavy rains with no where to go except into the roads	8/27/2018 7:01 AM
27	Flash flooding wash outs	8/27/2018 6:37 AM

Q7 In the last 10 years, were you evacuated from your home as a result of a natural disaster (i.e. flooding, utility outages, etc.)? If so, how long were you displaced? Did you go to a shelter?

Answered: 157 Skipped: 44

#	RESPONSES	DATE
1	Yes, utility outage due to flooding of castle gardens substation. 2 weeks. Stayed with family. (NYSEG got a grant from NYS to relocate that substation to higher ground. WHY has that move still not taken place?!)	12/20/2018 9:46 AM
2	No	12/2/2018 12:01 PM
3	no	11/19/2018 10:21 AM
4	yes . 8 months first time 1 year second time no	10/28/2018 6:48 PM
5	No	10/24/2018 8:51 AM
6	Yes	10/13/2018 2:10 PM
7	No	10/4/2018 7:27 AM
8	no	10/3/2018 8:34 PM
9	No	10/1/2018 7:26 PM
10	Yes. 3 months. My brother's house.	9/29/2018 10:33 AM
11	No	9/27/2018 12:50 PM
12	No	9/26/2018 11:36 AM
13	Yes, we were evacuated, but the firemen did not know where the shelter was. One night, with daughter.	9/23/2018 7:24 PM
14	yes, 1 month, no	9/23/2018 2:06 PM
15	yes, for a week. stayed with friends	9/21/2018 6:47 PM
16	No	9/21/2018 6:08 AM
17	Yes, over a month out of the house and longer without utilities during the 2011 flood.	9/20/2018 10:21 AM
18	No	9/20/2018 8:09 AM
19	no	9/19/2018 9:00 AM
20	no	9/19/2018 8:54 AM
21	No	9/19/2018 5:40 AM
22	Yes; flooding about a week; stayed with family	9/18/2018 8:00 PM
23	1week	9/18/2018 5:53 PM
24	Once to our sons in 2011	9/18/2018 2:13 PM
25	No	9/18/2018 11:32 AM
26	Popes revine overflws & floods me	9/18/2018 9:57 AM
27	no	9/18/2018 9:34 AM
28	2006 two days out of house stayed with friends	9/18/2018 8:26 AM
29	No	9/18/2018 7:52 AM
30	yes	9/18/2018 7:24 AM
31	No	9/18/2018 6:50 AM

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32	no	9/17/2018 9:08 PM
33	Yes Just overnight Stayed at relative's house	9/17/2018 7:06 PM
34	For 3 months, to a single beroom apartment rented by a relative	9/17/2018 6:55 PM
35	Yes. Stayed with relatives for 1 week.	9/17/2018 5:56 PM
36	Displaced about a week, stayed with a friend	9/17/2018 5:26 PM
37	Yes, for the Flood of 2011, stayed with relatives 3.5 months while rebuilding	9/17/2018 5:08 PM
38	No	9/17/2018 5:01 PM
39	Yes. Evacuated twice. Both times for one day. Went to shelter once, went to friend's house once.	9/17/2018 4:39 PM
40	1 hour in a shelter, 5 weeks ndisplaced	9/17/2018 4:28 PM
41	Flooding in 06 and 11, 3 days each, shelter in 11	9/17/2018 4:13 PM
42	No	9/17/2018 3:55 PM
43	no	9/17/2018 2:59 PM
44	Yes. 1 day. No	9/17/2018 2:42 PM
45	NO	9/17/2018 1:13 PM
46	Yes and no I did not go for they jumped the gun.	9/17/2018 1:05 PM
47	yes, one day. no ,we went to stay with family	9/17/2018 12:29 PM
48	NO	9/17/2018 11:01 AM
49	yes, a week, no	9/13/2018 1:19 PM
50	We were displaced in September of 2011 for approximately two weeks. We stayed with friends.	9/10/2018 8:27 AM
51	yes 3 Months, And stayed in an empty apartment a friend had available	9/9/2018 6:23 PM
52	yes 2 days no	9/9/2018 2:38 PM
53	no	9/9/2018 10:34 AM
54	No	9/7/2018 11:45 AM
55	no	9/7/2018 11:02 AM
56	no	9/7/2018 11:00 AM
57	No	9/7/2018 6:00 AM
58	No	9/7/2018 12:39 AM
59	No	9/6/2018 8:47 PM
60	no	9/6/2018 8:38 PM
61	No, but my neighbors have been displaced.	9/6/2018 5:35 PM
62	no	9/6/2018 5:31 PM
63	No	9/6/2018 4:47 PM
64	no	9/6/2018 3:47 PM
65	No	9/6/2018 3:39 PM
66	3 days	9/6/2018 2:34 PM
67	No	9/6/2018 2:27 PM
68	Yes. Was out 4 days in 2006 and 7 weeks on 2011	9/6/2018 2:11 PM
69	No	9/6/2018 1:46 PM
70	No	9/6/2018 1:36 PM
71	no	9/6/2018 12:51 PM
72	No	9/6/2018 11:29 AM

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73	No	9/6/2018 10:20 AM
74	yes, one day, stayed with family	9/6/2018 9:40 AM
75	No	9/5/2018 10:37 PM
76	no	9/5/2018 10:04 PM
77	No	9/5/2018 9:47 PM
78	No	9/5/2018 8:36 PM
79	yes -one week	9/5/2018 8:11 PM
80	No	9/5/2018 6:39 PM
81	N/A	9/5/2018 5:49 PM
82	No	9/5/2018 5:34 PM
83	No	9/5/2018 5:00 PM
84	No	9/5/2018 4:49 PM
85	No	9/5/2018 4:42 PM
86	No	9/5/2018 4:28 PM
87	no	9/5/2018 3:56 PM
88	We purchased our home on Andover Rd (Endwell) after the last major flood (2011), but the previous owners had to evacuate. Not sure how long they were displaced.	9/5/2018 3:53 PM
89	no	9/5/2018 3:23 PM
90	Yes. 24 hours. Stayed with relatives	9/5/2018 1:46 PM
91	No	9/5/2018 1:37 PM
92	No	9/5/2018 1:32 PM
93	No.	9/5/2018 1:26 PM
94	No	9/5/2018 1:19 PM
95	no	9/5/2018 1:16 PM
96	No	9/5/2018 1:11 PM
97	no	9/5/2018 1:05 PM
98	Yes, 1 month, no	9/5/2018 1:04 PM
99	No	9/5/2018 12:59 PM
100	No	9/5/2018 12:50 PM
101	Flooding	9/5/2018 12:38 PM
102	no	9/5/2018 12:34 PM
103	No	9/5/2018 12:30 PM
104	No	9/5/2018 12:22 PM
105	Flooding, 8 weeks	9/5/2018 12:21 PM
106	N/A	9/5/2018 12:18 PM
107	yes, 2 days	9/5/2018 12:12 PM
108	No	9/5/2018 12:05 PM
109	No	9/5/2018 12:05 PM
110	Yes. A few weeks. Went to in-laws.	9/5/2018 12:03 PM
111	outages	9/5/2018 11:55 AM
112	No	9/5/2018 11:52 AM

Broome County Hazard Mitigation Plan Update - Citizen Survey

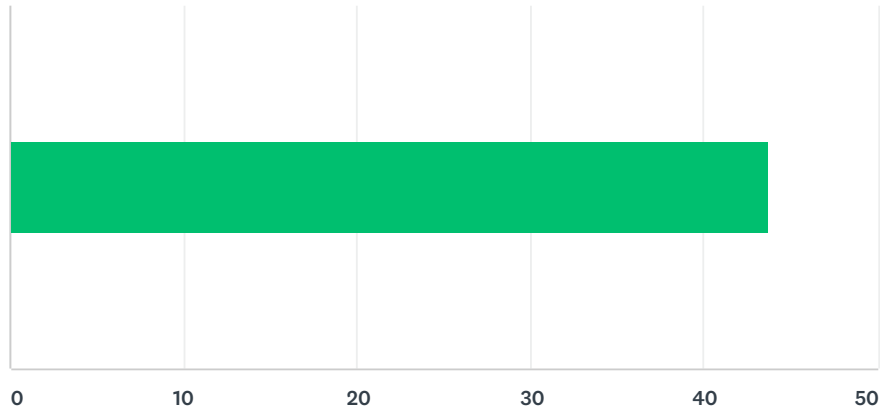
113	no	9/5/2018 10:56 AM
114	Yes - flood of 2011 in previous residence - displaced for 5 days, stayed with family	9/4/2018 7:18 PM
115	No	9/4/2018 2:57 PM
116	Left before evac, years , no shelter	9/4/2018 5:06 AM
117	No	9/2/2018 7:59 PM
118	No	9/1/2018 4:22 PM
119	No	9/1/2018 3:27 PM
120	Yes	9/1/2018 3:01 PM
121	No	9/1/2018 2:44 PM
122	No	9/1/2018 2:33 PM
123	No	9/1/2018 2:03 PM
124	yes	9/1/2018 1:57 PM
125	3 times in the past month, too many to count in 10yrs. No shelter offered	9/1/2018 1:00 PM
126	No	9/1/2018 12:37 PM
127	Yes.	9/1/2018 12:33 PM
128	flood of 2011 displaced for 2 and a half monthes	9/1/2018 12:27 PM
129	No	9/1/2018 12:24 PM
130	No	9/1/2018 12:23 PM
131	No	9/1/2018 12:21 PM
132	no	9/1/2018 8:59 AM
133	No	8/30/2018 7:42 PM
134	NO	8/30/2018 1:44 PM
135	no	8/30/2018 10:51 AM
136	Yes twice flooding in conklin 6 months no did not go two a shelter	8/30/2018 10:45 AM
137	Have been evacuated over 20 times in 10yrs, 3 times in the past month. It is getting progressively worse each season. We now have a creek jumping its banks and surrounding houses including mine	8/29/2018 11:53 AM
138	yes	8/28/2018 8:50 AM
139	NO	8/28/2018 8:28 AM
140	no	8/27/2018 3:32 PM
141	NO	8/27/2018 2:38 PM
142	No	8/27/2018 12:59 PM
143	Yes. The flood of 2006 we went to my grandmother's out of town for a week until we were cleared to return home. Thankfully we had the option and didn't have to go to a shelter.	8/27/2018 8:00 AM
144	no	8/27/2018 7:55 AM
145	No	8/27/2018 7:05 AM
146	No	8/27/2018 7:02 AM
147	never evacuated	8/27/2018 7:01 AM
148	No	8/27/2018 6:58 AM
149	not evacuated but have lost power	8/27/2018 6:37 AM
150	no	8/24/2018 9:47 AM
151	No	8/24/2018 9:45 AM

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152	No	8/24/2018 9:16 AM
153	no	8/23/2018 4:27 PM
154	no	8/23/2018 12:33 PM
155	No	8/23/2018 9:54 AM
156	no	8/22/2018 4:57 PM
157	No	8/22/2018 1:41 PM

Q8 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: 168 Skipped: 33



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	44	7,346	168
Total Respondents: 168			

#		DATE
1	80	12/20/2018 9:46 AM
2	70	12/2/2018 12:01 PM
3	9	11/19/2018 10:21 AM
4	50	11/16/2018 7:59 PM
5	3	10/28/2018 6:48 PM
6	50	10/24/2018 8:51 AM
7	54	10/13/2018 2:10 PM
8	3	10/4/2018 7:27 AM
9	49	10/3/2018 8:34 PM
10	3	10/1/2018 7:26 PM
11	3	9/29/2018 10:33 AM
12	49	9/27/2018 12:50 PM
13	4	9/26/2018 11:36 AM
14	50	9/23/2018 7:24 PM
15	51	9/23/2018 2:06 PM
16	52	9/21/2018 6:47 PM
17	3	9/21/2018 6:08 AM
18	27	9/20/2018 10:21 AM
19	52	9/20/2018 8:09 AM
20	3	9/19/2018 10:03 PM

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21	51	9/19/2018 9:00 AM
22	3	9/19/2018 8:54 AM
23	50	9/19/2018 5:40 AM
24	48	9/18/2018 8:00 PM
25	2	9/18/2018 5:53 PM
26	26	9/18/2018 2:13 PM
27	50	9/18/2018 11:32 AM
28	52	9/18/2018 9:57 AM
29	80	9/18/2018 9:34 AM
30	60	9/18/2018 8:26 AM
31	51	9/18/2018 7:52 AM
32	99	9/18/2018 7:24 AM
33	60	9/18/2018 6:50 AM
34	50	9/17/2018 9:08 PM
35	21	9/17/2018 7:06 PM
36	32	9/17/2018 6:55 PM
37	0	9/17/2018 5:56 PM
38	35	9/17/2018 5:26 PM
39	51	9/17/2018 5:08 PM
40	22	9/17/2018 5:01 PM
41	51	9/17/2018 4:39 PM
42	100	9/17/2018 4:28 PM
43	1	9/17/2018 4:13 PM
44	49	9/17/2018 3:55 PM
45	50	9/17/2018 2:59 PM
46	1	9/17/2018 2:42 PM
47	75	9/17/2018 1:13 PM
48	1	9/17/2018 1:05 PM
49	50	9/17/2018 12:29 PM
50	3	9/17/2018 11:01 AM
51	85	9/13/2018 1:19 PM
52	3	9/12/2018 12:04 PM
53	90	9/10/2018 8:27 AM
54	50	9/9/2018 6:23 PM
55	3	9/9/2018 2:38 PM
56	51	9/9/2018 10:34 AM
57	1	9/7/2018 11:45 AM
58	50	9/7/2018 11:02 AM
59	50	9/7/2018 11:00 AM
60	69	9/7/2018 6:00 AM
61	50	9/7/2018 12:39 AM

Broome County Hazard Mitigation Plan Update - Citizen Survey

62	47	9/6/2018 8:47 PM
63	50	9/6/2018 8:38 PM
64	50	9/6/2018 5:35 PM
65	50	9/6/2018 5:31 PM
66	4	9/6/2018 4:47 PM
67	24	9/6/2018 3:47 PM
68	55	9/6/2018 3:39 PM
69	49	9/6/2018 2:34 PM
70	52	9/6/2018 2:27 PM
71	3	9/6/2018 2:11 PM
72	66	9/6/2018 1:46 PM
73	33	9/6/2018 1:36 PM
74	75	9/6/2018 1:22 PM
75	87	9/6/2018 12:51 PM
76	50	9/6/2018 11:29 AM
77	44	9/6/2018 10:20 AM
78	49	9/6/2018 9:40 AM
79	33	9/5/2018 10:37 PM
80	24	9/5/2018 10:04 PM
81	5	9/5/2018 9:47 PM
82	86	9/5/2018 8:36 PM
83	1	9/5/2018 8:11 PM
84	48	9/5/2018 6:58 PM
85	40	9/5/2018 6:39 PM
86	50	9/5/2018 5:49 PM
87	3	9/5/2018 5:34 PM
88	75	9/5/2018 5:00 PM
89	54	9/5/2018 4:49 PM
90	29	9/5/2018 4:42 PM
91	69	9/5/2018 4:28 PM
92	51	9/5/2018 3:56 PM
93	41	9/5/2018 3:53 PM
94	75	9/5/2018 3:46 PM
95	4	9/5/2018 3:23 PM
96	0	9/5/2018 2:51 PM
97	98	9/5/2018 1:46 PM
98	54	9/5/2018 1:37 PM
99	58	9/5/2018 1:32 PM
100	1	9/5/2018 1:26 PM
101	100	9/5/2018 1:19 PM
102	50	9/5/2018 1:16 PM

Broome County Hazard Mitigation Plan Update - Citizen Survey

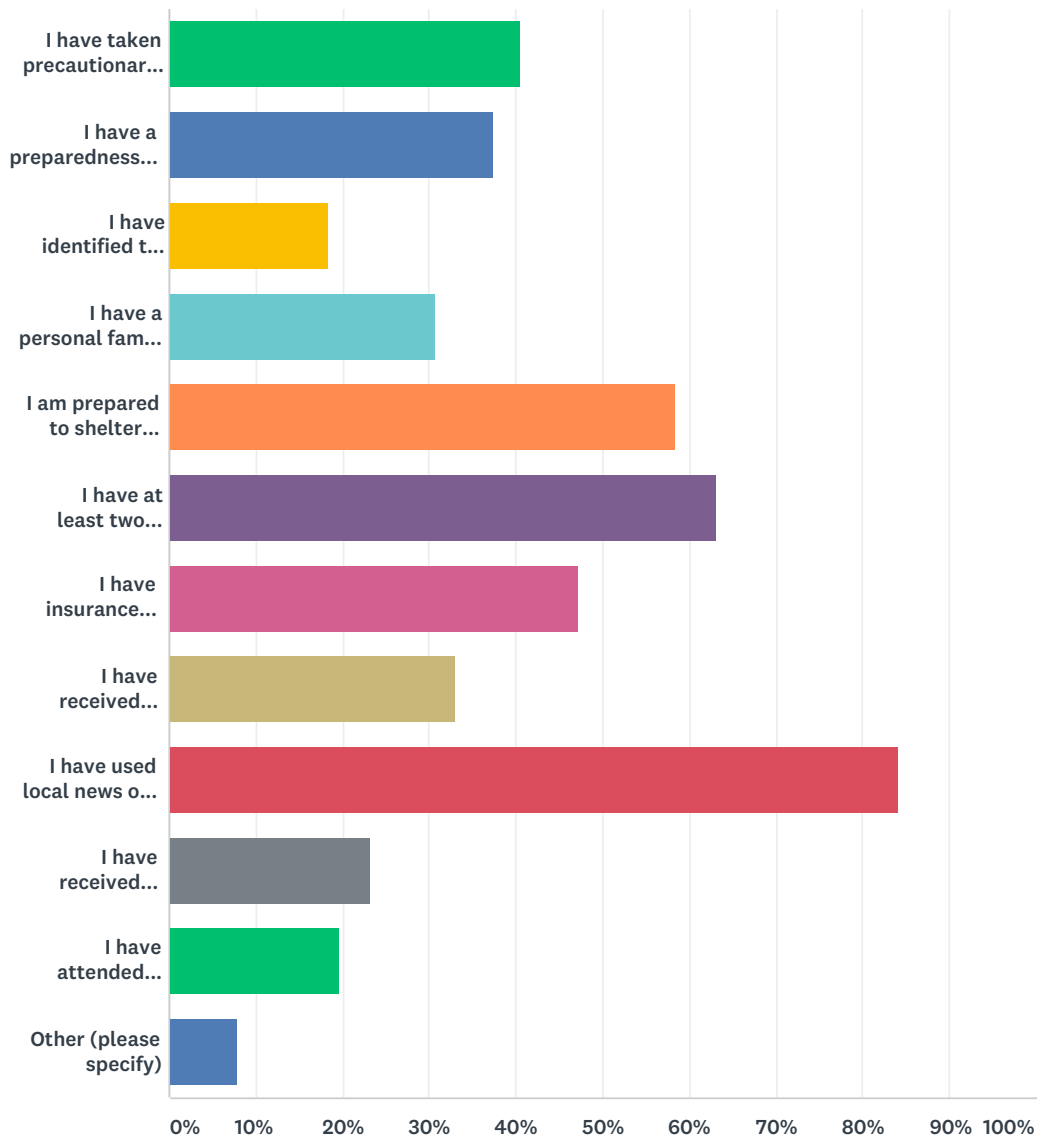
103	48	9/5/2018 1:11 PM
104	21	9/5/2018 1:05 PM
105	49	9/5/2018 1:04 PM
106	63	9/5/2018 12:59 PM
107	52	9/5/2018 12:50 PM
108	51	9/5/2018 12:38 PM
109	4	9/5/2018 12:34 PM
110	41	9/5/2018 12:30 PM
111	47	9/5/2018 12:22 PM
112	3	9/5/2018 12:21 PM
113	22	9/5/2018 12:18 PM
114	81	9/5/2018 12:12 PM
115	33	9/5/2018 12:05 PM
116	37	9/5/2018 12:05 PM
117	51	9/5/2018 12:03 PM
118	41	9/5/2018 11:55 AM
119	26	9/5/2018 11:52 AM
120	53	9/5/2018 10:56 AM
121	75	9/4/2018 7:18 PM
122	75	9/4/2018 2:57 PM
123	16	9/4/2018 5:06 AM
124	68	9/2/2018 7:59 PM
125	75	9/1/2018 4:22 PM
126	34	9/1/2018 3:27 PM
127	95	9/1/2018 3:01 PM
128	5	9/1/2018 2:44 PM
129	81	9/1/2018 2:33 PM
130	81	9/1/2018 2:03 PM
131	2	9/1/2018 1:57 PM
132	3	9/1/2018 1:54 PM
133	70	9/1/2018 1:00 PM
134	23	9/1/2018 12:37 PM
135	66	9/1/2018 12:33 PM
136	75	9/1/2018 12:27 PM
137	50	9/1/2018 12:24 PM
138	3	9/1/2018 12:23 PM
139	55	9/1/2018 12:21 PM
140	50	9/1/2018 11:52 AM
141	3	9/1/2018 8:59 AM
142	90	8/30/2018 7:42 PM
143	62	8/30/2018 1:44 PM

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144	62	8/30/2018 10:51 AM
145	4	8/30/2018 10:45 AM
146	63	8/29/2018 11:53 AM
147	50	8/28/2018 8:50 AM
148	94	8/28/2018 8:28 AM
149	52	8/27/2018 3:32 PM
150	3	8/27/2018 2:38 PM
151	75	8/27/2018 12:59 PM
152	47	8/27/2018 8:00 AM
153	3	8/27/2018 7:55 AM
154	1	8/27/2018 7:05 AM
155	85	8/27/2018 7:02 AM
156	81	8/27/2018 7:01 AM
157	50	8/27/2018 6:58 AM
158	50	8/27/2018 6:37 AM
159	72	8/24/2018 9:47 AM
160	0	8/24/2018 9:45 AM
161	4	8/24/2018 9:16 AM
162	85	8/23/2018 4:27 PM
163	35	8/23/2018 12:33 PM
164	80	8/23/2018 9:54 AM
165	82	8/22/2018 8:10 PM
166	4	8/22/2018 4:57 PM
167	86	8/22/2018 1:41 PM
168	70	8/22/2018 10:45 AM

Q9 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: 163 Skipped: 38



ANSWER CHOICES	RESPONSES
I have taken precautionary measures to protect my property though retrofits or when constructed	40.49% 66
I have a preparedness kit containing basic supplies and materials for my family and myself	37.42% 61
I have identified the location of the nearest severe weather shelter	18.40% 30
I have a personal family emergency preparedness plan, and have discussed it with my family and others for whom I have responsibility	30.67% 50
I am prepared to shelter in-place if that is the best available option	58.28% 95
I have at least two methods for receiving emergency notifications and other critical information during severe weather or other potential emergency situations	63.19% 103

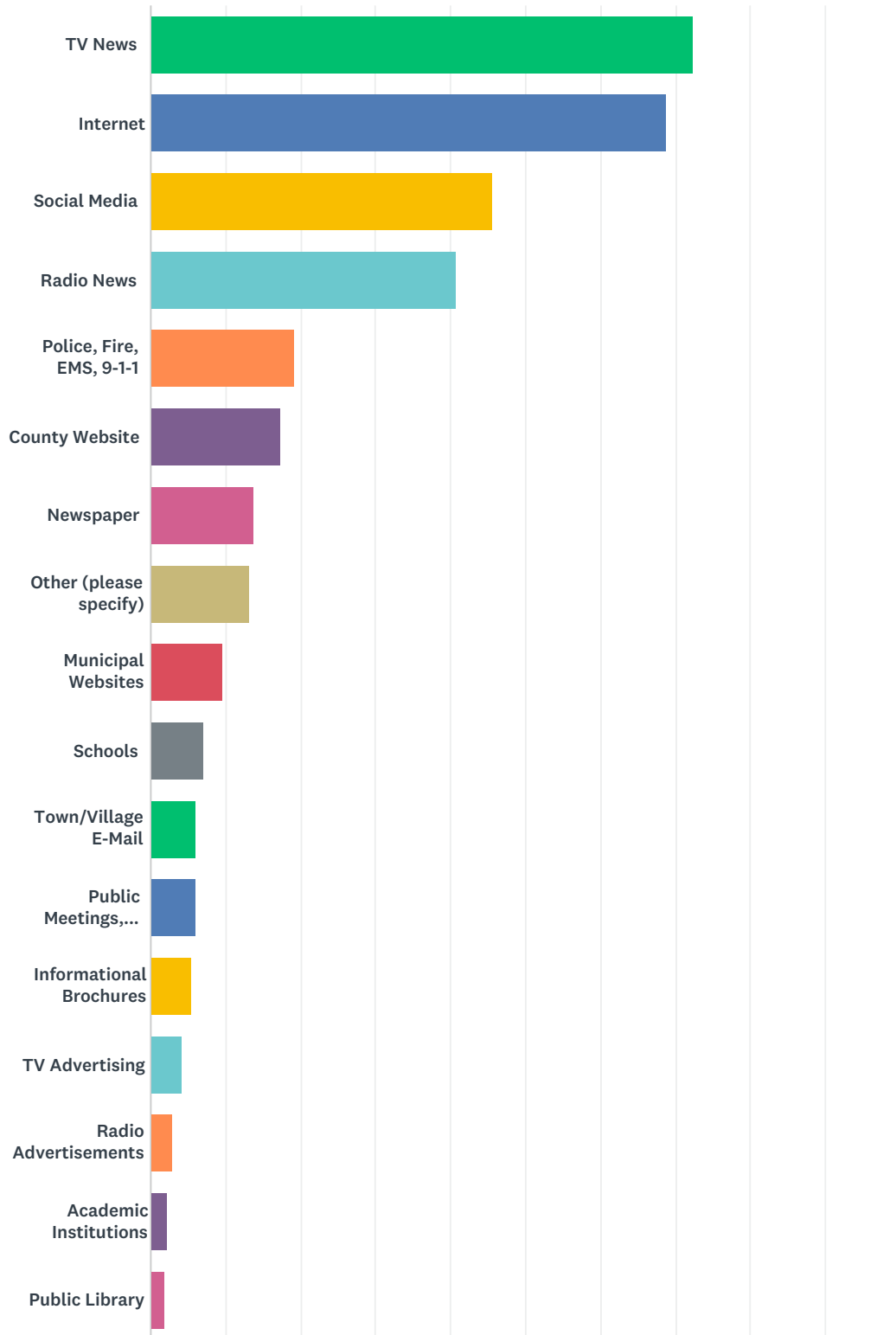
Broome County Hazard Mitigation Plan Update - Citizen Survey

I have insurance policies to cover losses from specific risks (e.g. flood insurance)	47.24%	77
I have received emergency preparedness information from a government source (e.g., federal, state, or local emergency management)	33.13%	54
I have used local news or other media to obtain information	84.05%	137
I have received information from schools and other academic institutions	23.31%	38
I have attended meetings that have dealt with disaster preparedness	19.63%	32
Other (please specify)	7.98%	13
Total Respondents: 163		

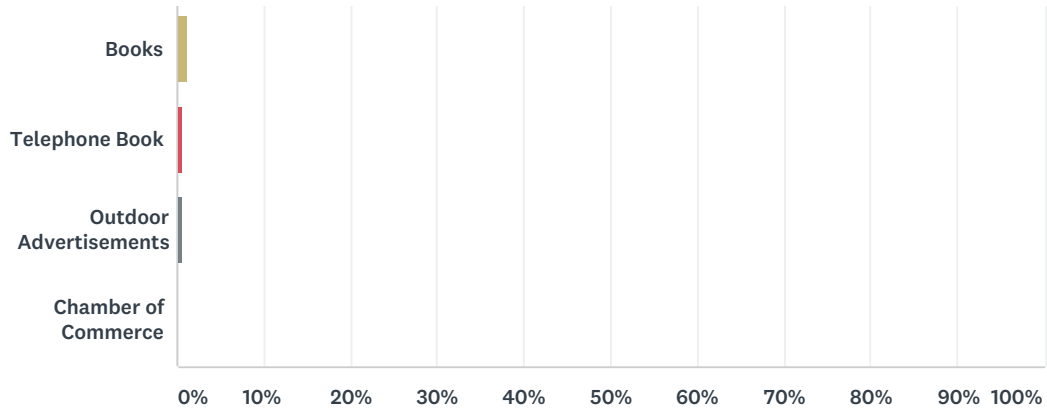
#	OTHER (PLEASE SPECIFY)	DATE
1	I have a relative who is an emergency responder.	12/2/2018 12:01 PM
2	I have replaced & extended water run-offs to the gutters of my house	11/16/2018 7:59 PM
3	volunteer with the red Cross, follow the weather reports	9/18/2018 9:34 AM
4	I am on a hill, with no basement, but below me the houses always get flooded from a small Creek.	9/18/2018 7:52 AM
5	Intelicast radar and jet stream info is my greatest weather forecaster	9/17/2018 4:28 PM
6	Internet, watch river levels	9/17/2018 4:13 PM
7	...	9/12/2018 12:04 PM
8	I work in Planning at a local municipality and am aware of pending disasters	9/7/2018 11:00 AM
9	a bit prepared	9/5/2018 10:04 PM
10	No	9/5/2018 1:19 PM
11	I am with Red Cross and take classes with them	9/5/2018 12:34 PM
12	vehilces that will handle all weather (we are not able to call in during bad weather)	8/27/2018 7:01 AM
13	social media connects us to immediate issues with friends & family	8/27/2018 6:37 AM

Q10 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: 167 Skipped: 34



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ANSWER CHOICES	RESPONSES	
TV News	72.46%	121
Internet	68.86%	115
Social Media	45.51%	76
Radio News	40.72%	68
Police, Fire, EMS, 9-1-1	19.16%	32
County Website	17.37%	29
Newspaper	13.77%	23
Other (please specify)	13.17%	22
Municipal Websites	9.58%	16
Schools	7.19%	12
Town/Village E-Mail	5.99%	10
Public Meetings, Workshops, Public Awareness Events	5.99%	10
Informational Brochures	5.39%	9
TV Advertising	4.19%	7
Radio Advertisements	2.99%	5
Academic Institutions	2.40%	4
Public Library	1.80%	3
Books	1.20%	2
Telephone Book	0.60%	1
Outdoor Advertisements	0.60%	1
Chamber of Commerce	0.00%	0
Total Respondents: 167		

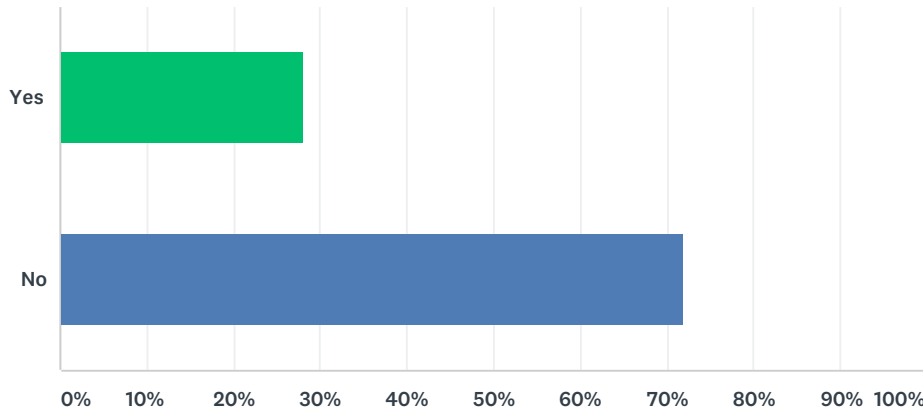
#	OTHER (PLEASE SPECIFY)	DATE
1	personal telephone calls	11/16/2018 7:59 PM
2	NY Alert and The Weather Channel	9/19/2018 8:54 AM

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3	But when power goes out there is no method	9/18/2018 5:53 PM
4	internet	9/18/2018 9:57 AM
5	Professional contractors	9/17/2018 5:56 PM
6	Cell phone warnings	9/17/2018 4:13 PM
7	Town Clerk's Office	9/17/2018 3:55 PM
8	9/12/2018 12:04 PM
9	A Bridge from Endwell to Vestal connecting to the Highway	9/9/2018 6:23 PM
10	Work	9/7/2018 11:00 AM
11	News/weather alerts on cell phone	9/7/2018 12:39 AM
12	family	9/6/2018 5:31 PM
13	Text alerts	9/6/2018 1:22 PM
14	Cell phone emergency alerts	9/6/2018 9:40 AM
15	The local paper sucks	9/5/2018 3:56 PM
16	Red Cross	9/5/2018 12:34 PM
17	Public discussions with friends and neighbors	9/5/2018 12:12 PM
18	Dredge the choconut	9/1/2018 3:01 PM
19	Internet	9/1/2018 1:00 PM
20	Cell	9/1/2018 12:33 PM
21	Flood guage, neighborhood notification, watching weather	8/29/2018 11:53 AM
22	text alerts (BU RAVE and NY Alert)	8/24/2018 9:16 AM

Q11 To the best of your knowledge, is your property located in a designated floodplain? If you do not know, click here to find out.

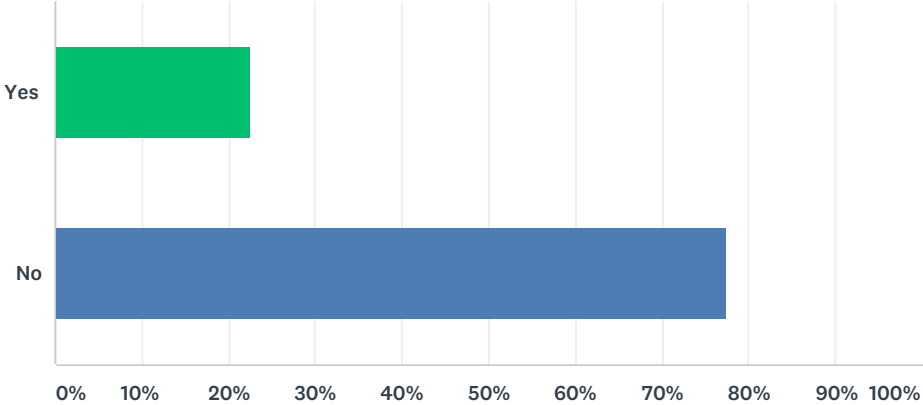
Answered: 164 Skipped: 37



ANSWER CHOICES	RESPONSES	
Yes	28.05%	46
No	71.95%	118
TOTAL		164

Q12 Do you have flood insurance?

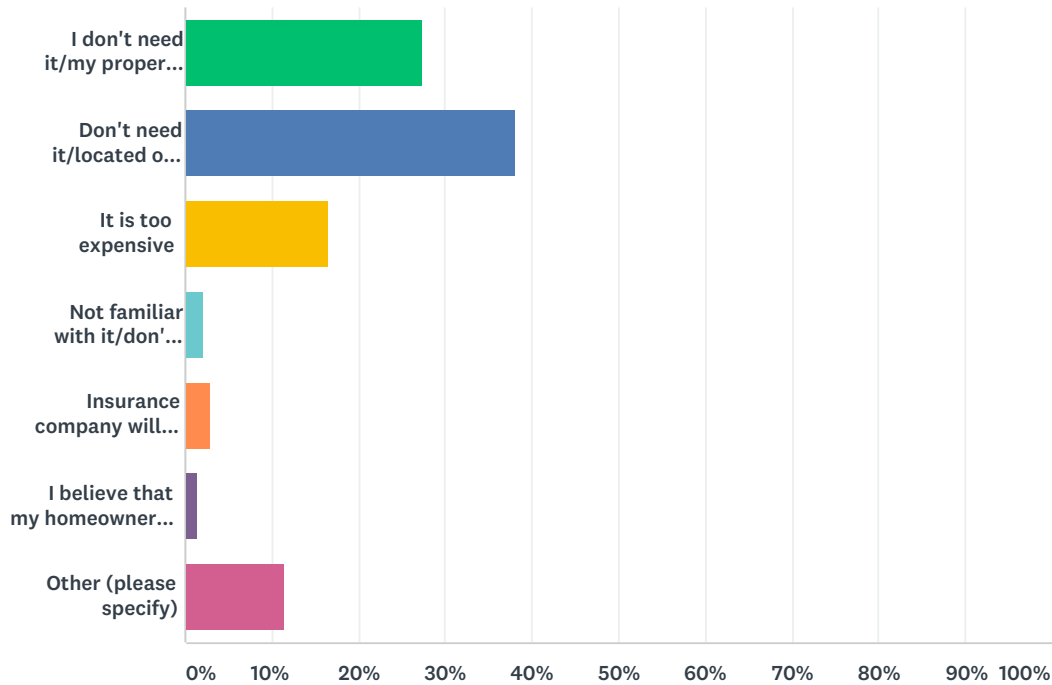
Answered: 164 Skipped: 37



ANSWER CHOICES	RESPONSES	
Yes	22.56%	37
No	77.44%	127
TOTAL		164

Q13 If you do NOT have flood insurance, what is the primary reason?

Answered: 139 Skipped: 62



ANSWER CHOICES	RESPONSES	
I don't need it/my property has never flooded	27.34%	38
Don't need it/located on high ground	38.13%	53
It is too expensive	16.55%	23
Not familiar with it/don't know about it	2.16%	3
Insurance company will not provide	2.88%	4
I believe that my homeowners insurance will cover me	1.44%	2
Other (please specify)	11.51%	16
TOTAL		139

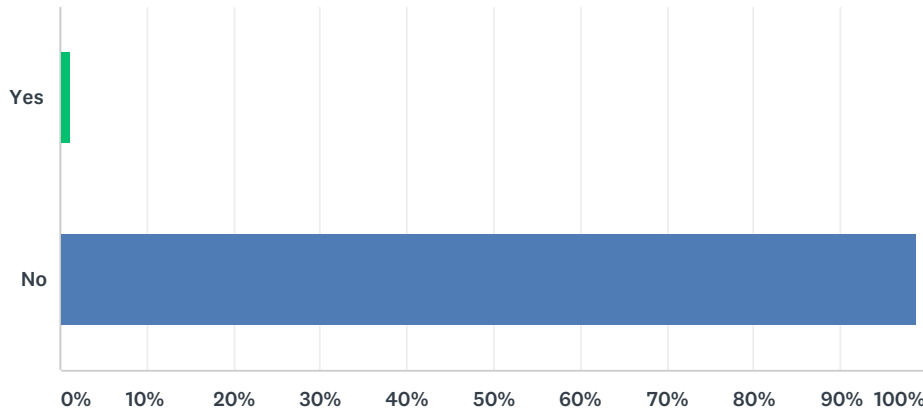
#	OTHER (PLEASE SPECIFY)	DATE
1	have insurance	10/28/2018 6:48 PM
2	Dike for protection	10/1/2018 7:26 PM
3	Because of the expense of regulated flood ins. property values plummet and people are wary of buying in that area.	9/19/2018 9:01 AM
4	Have it	9/18/2018 8:00 PM
5	I have. Flood insurance	9/17/2018 5:01 PM
6	I do have flood insurance	9/17/2018 4:39 PM
7	We plan on getting it through FEMA	9/17/2018 3:55 PM
8	.	9/12/2018 12:04 PM

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9	I rent	9/7/2018 11:45 AM
10	I am not in the floodplain and not required to have it.	9/7/2018 11:01 AM
11	Home next to Patterson Creek,on East Side, on High Side. Property receives some flooding.	9/6/2018 2:34 PM
12	I accidentally clicked this and it would not allow me to unclick.	9/6/2018 1:22 PM
13	None	9/1/2018 2:33 PM
14	Not likely to flood. Don't want to pay for the extended coverage.	9/1/2018 11:53 AM
15	not in or near a flood zone.	8/27/2018 6:37 AM
16	I rent	8/22/2018 1:41 PM

Q14 Do you or did you have problems getting homeowners/renters insurance due to risks from natural hazards?

Answered: 166 Skipped: 35



ANSWER CHOICES	RESPONSES	
Yes	1.20%	2
No	98.80%	164
TOTAL		166

Q15 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: 22 Skipped: 179

#	RESPONSES	DATE
1	N/A	12/20/2018 9:46 AM
2	No	9/18/2018 8:00 PM
3	Flood of 2011	9/17/2018 7:06 PM
4	Flood	9/17/2018 3:55 PM
5	water/moisture damage, proximity to river	9/6/2018 5:36 PM
6	flood 2011	9/6/2018 5:31 PM
7	basement flooding	9/6/2018 3:47 PM
8	None	9/5/2018 4:50 PM
9	No	9/5/2018 4:42 PM
10	n	9/5/2018 3:23 PM
11	0	9/5/2018 12:50 PM
12	N/A	9/5/2018 12:34 PM
13	N/A	9/5/2018 12:18 PM
14	N/A	9/5/2018 12:06 PM
15	N/A	9/4/2018 5:07 AM
16	None	9/2/2018 7:59 PM
17	Dredge the choconut	9/1/2018 3:01 PM
18	No	9/1/2018 2:33 PM
19	no	8/30/2018 10:51 AM
20	No	8/27/2018 1:00 PM
21	N/a	8/27/2018 8:01 AM
22	had no issues	8/24/2018 9:16 AM

Q16 What areas in Broome County are most likely to flood? Please list street names and other specific identifiers, if possible.

Answered: 129 Skipped: 72

#	RESPONSES	DATE
1	Vestal- Castle gardens, Endwell- Verdun Ave neighborhood	12/20/2018 9:58 AM
2	Low-ground areas near the rivers. Southeast side, Johnson City.	11/19/2018 10:25 AM
3	All of the low lying areas along the river	11/16/2018 8:12 PM
4	Conklin, Kirkwood, Binghamton	10/28/2018 6:53 PM
5	Lower Watson Boulevard in Johnson City and Harry L Drive in Johnson City.	10/24/2018 8:54 AM
6	Choconut creek floods way too often. I am not happy paying 2k per year for flood insurance	10/13/2018 2:14 PM
7	Conklin, Endwell, along Susquehanna River, Otsiningo Park, Route 79 in Barker, Fenton	10/3/2018 8:41 PM
8	Whole County. River and Flash Flooding	10/1/2018 7:29 PM
9	Conklin. NY	9/29/2018 10:38 AM
10	East Franklin Street and Clark Street, Endicott NY	9/27/2018 1:01 PM
11	Conklin, Kirkwood, sections of Binghamton and Johnson City near the river.	9/26/2018 11:43 AM
12	Main street, choconut creek	9/23/2018 7:48 PM
13	Twin Orchards and Castle Gardens, Vestal	9/23/2018 2:13 PM
14	Twin Orchards	9/21/2018 6:54 PM
15	Resident close to river	9/21/2018 6:13 AM
16	Upper Court Street, Binghamton/Kirkwood Gaylord Street to Fairview Ave on Binghamton's eastside Westside south of Riverside Drive	9/20/2018 10:21 AM
17	All river valleys	9/20/2018 8:12 AM
18	State Line Road vestal	9/19/2018 10:12 PM
19	outlying creek beds. Conklin is among the many communities where creek beds have received minimum mitigation measures. Building larger culverts is only one solution. What about the dumping and debris further up stream? Why aren't the creek banks regularly monitored and maintained? Why not dredge?, people over wild life and profit please!	9/19/2018 9:20 AM
20	Fuller Rd Town of Chenango, Conklin Rd and areas between Conklin Rd and the Susquehanna (lived there 2006) also area south of 12A / west of Chenango River, Nolan Rd Upper, Lower Stratmill Rd, Anywhere along the Susquehanna / all creeks and roads where drainage/ditches are not regularly dug out and cleaned of debris, some areas of Morning Side Heights (August & Sept. 2011) - City of Binghamton underpasses, Rt 7 at Rt 369 Port Crane, Vestal near Susquehanna for starters.	9/19/2018 9:14 AM
21	kattelville rd siba pl	9/19/2018 5:43 AM
22	Along the major rivers and streams	9/18/2018 8:04 PM
23	Court Street from Fairview to Mason or Moeller - from the creek	9/18/2018 2:23 PM
24	State St, North of Bevier	9/18/2018 11:50 AM
25	court street -Mason Ave	9/18/2018 10:01 AM
26	Along the the 2 rivers, other water ways, low areas where there may be backup drainage .	9/18/2018 9:51 AM
27	Lower Fuller Rd., Old Vestal Rd., Lourdes hospital, Conklin	9/18/2018 8:01 AM
28	?	9/18/2018 7:28 AM

Broome County Hazard Mitigation Plan Update - Citizen Survey

29	All along the rivers	9/17/2018 7:10 PM
30	Areas near rivers	9/17/2018 7:09 PM
31	Lawrence blvd conklin Stillwater rd conklin Alta rd conklin Parts of conklin rd conklin	9/17/2018 6:08 PM
32	low lying areas of Johnson City, Vestal, Conklin	9/17/2018 5:34 PM
33	Castle Gardens area	9/17/2018 5:10 PM
34	Grove st Windsor	9/17/2018 5:05 PM
35	Johnson City: Thomas St, Bernice St, Grand Ave, Boland.	9/17/2018 4:59 PM
36	Vestal Center near the Vestal Center Park floods often bc several years ago the town cleared large areas of wooded land near Choconut Creek and now nothing prevents the creek from moving through the neighborhood.	9/17/2018 4:45 PM
37	Carmichael Rd and surrounding streets, Upper Front Street, Court St, Kettleville Rd and surrounding streets	9/17/2018 4:12 PM
38	most areas other than high hilltops are subject flooding. Every event is different.Mitigation resulting from prior storms may well cause new harm in other areas	9/17/2018 3:14 PM
39	Near rivers	9/17/2018 2:44 PM
40	Near the rivers and the creeks. Small steams and low lands	9/17/2018 1:23 PM
41	Court street and some side streets, HOWEVER IF YOU CLEAN OUT ISLANDS IN RIVERS YOU WILL NOT HAVE AN ISSUE...	9/17/2018 1:10 PM
42	Bevier Street,Court Street and Robinson Street. Underneath every underpass. 2 creeks that are on Court Street need to be cleaned and widened.Corner of Ely Street and Court St. sewer in wrong place	9/17/2018 12:46 PM
43	BY RIVERS,CREEKS AND STREAMS	9/17/2018 11:05 AM
44	low-lying areas, especially those near rivers and small streams; Nanticoke Ave and Oak Hill under railroad bridges	9/13/2018 1:37 PM
45	Stillwater Rd in Corbettsville, and NYS RT 7A from Montrose Drive to Stillwater Rd need immediate attention! The majority of the residents from Montrose Drive, south, have no escape route or solid evacuation plan once Snake Creek floods NYS Rt 7A! Even when Snake Creek does not flood, there is a serious drainage issue at the intersection of NYS RT 7A and Stillwater Rd, that has been in the planning stages, and "on the drawing board", for a very long time now, with little or no agreement between engineers, local, and state agencies regarding a solution. This road flooding, strands the tax paying residents of Stillwater Rd, long before the river comes over the bank.	9/10/2018 8:48 AM
46	Westover,Castle Gardens, Old Vestal Road in the area of 1st,2nd,3rd streets,Riverside Dr homes near Lourdes Hospital Area, Brown and Olive Streets in Johnson City, Harry L Drive near the Heritage Country Club	9/9/2018 6:39 PM
47	Vestal Center and other low lying areas like it	9/9/2018 3:10 PM
48	areas closest to rivers and streams, also low level areas where drainage backs up	9/9/2018 10:39 AM
49	Along the Susquehanna, streams, and downhill from steep terrain (Reynolds Road, Day Hollow Road, for example)	9/7/2018 11:12 AM
50	Areas by Patterson, Brixius Creeks, Watson Blvd. Oakdale Road, Pine Street, 17C some area in West Corners	9/7/2018 11:09 AM
51	Kattelville road siba pl prentice rd rt 12	9/7/2018 6:10 AM
52	Conklin, Kirkwood, Johnson City and Binghamton (some areas)	9/7/2018 12:45 AM
53	17C, route 11, old Vestal road	9/6/2018 8:56 PM
54	Conklin Avenue Old Vestal Rd	9/6/2018 8:48 PM
55	Near streams, flash funding, river flooding, low elevation areas. Town of Colesville, parts of NY Route 79, Doolittle Road, Still Road in my area. Windsor, near Route 79, downtown area. Conklin, low elevation areas , Kirkwood, Vestal, Johnson City main street near Aldi's, Castle Garden area in Vestal. The list goes on.	9/6/2018 5:43 PM

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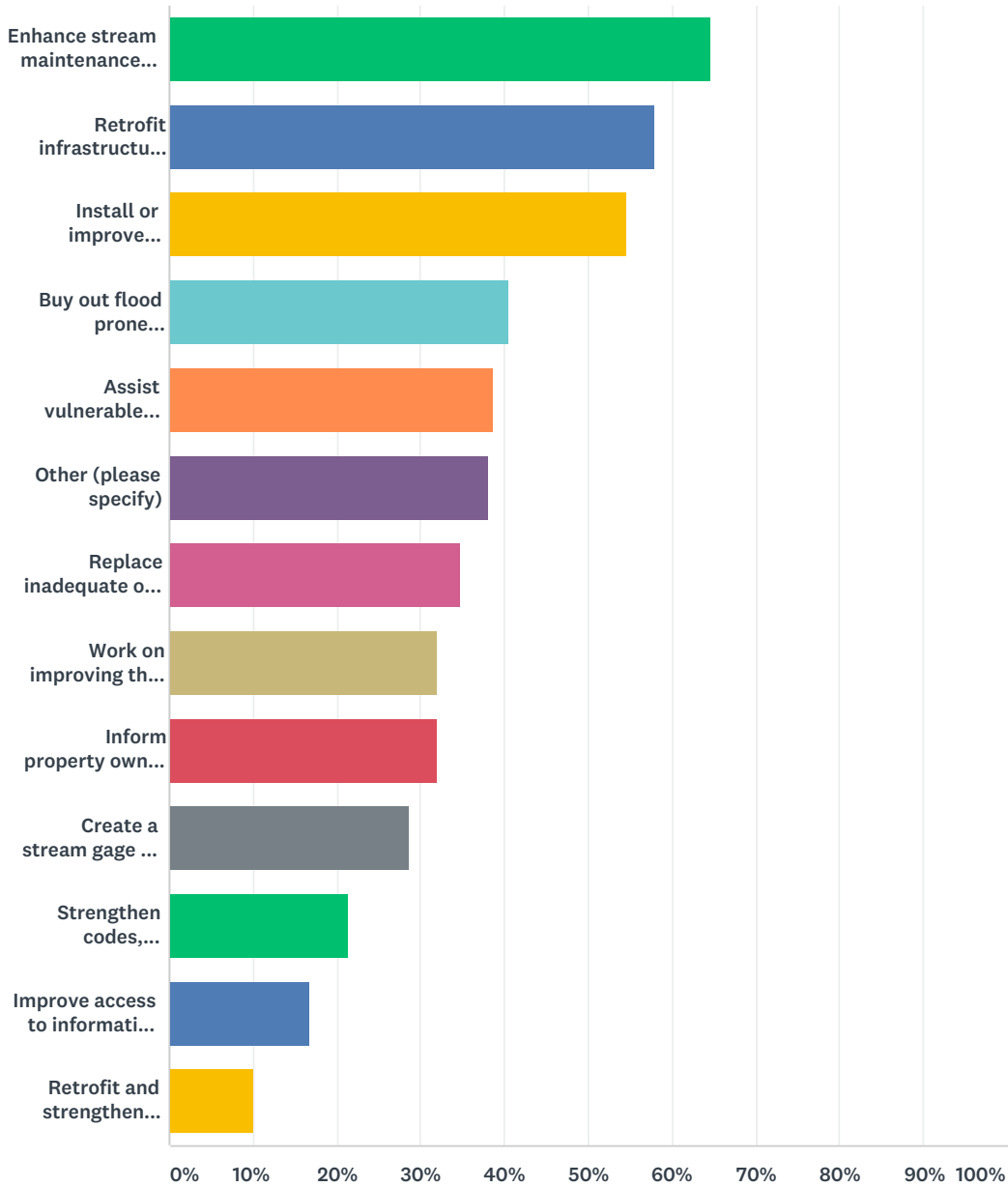
56	Old Vestal Road	9/6/2018 5:36 PM
57	104-116 Park Ave	9/6/2018 4:01 PM
58	Conklin, Vestal,	9/6/2018 4:00 PM
59	Route 11 Conklin to Binghamton Vestal	9/6/2018 3:43 PM
60	I know near me has flooded. Chatham, Shady, I think Metz, maybe Davis	9/6/2018 2:34 PM
61	Conklin Vestal Kirkwood JC Binghamton Chenango Forks	9/6/2018 2:16 PM
62	Conklin, Dickinson, Vestal	9/6/2018 1:48 PM
63	Choconut creek and low areas along the creek through vestal and vestal center.	9/6/2018 1:42 PM
64	Upper Court St; Vestal Center; Kirkwood, Conklin	9/6/2018 1:26 PM
65	Downtown Binghamton, Kirkwood, Conklin	9/6/2018 11:31 AM
66	'Old" Vestal Road, Endicott underpasses	9/5/2018 10:15 PM
67	Westover, Fairmount Park	9/5/2018 9:51 PM
68	Anywhere along river and streams.	9/5/2018 8:40 PM
69	Sycamore rd ,Town Square, Stewart Park in rear,twin orchards	9/5/2018 8:20 PM
70	Properties near or on the river and properties prone to prior flooding.	9/5/2018 5:59 PM
71	During the last flash flooding, I was coming down Pierce Hill and it was almost washed out near the bottom (just before African Road). Also, the four corners in Vestal has bad buildup during those times.	9/5/2018 5:08 PM
72	Castle Gardens, Old Vestal Rd, Vestal Center, Vestal Parkway. Murray Hill Rd.	9/5/2018 4:59 PM
73	Near the rivers, struble dam near me	9/5/2018 4:50 PM
74	Vestal, conklin, parts of Endicott, apalachin	9/5/2018 4:38 PM
75	dk	9/5/2018 4:00 PM
76	Owego, Endicott, parts of Endwell (by Main Street, Shady Drive, other streets down by the river), some areas of Binghamton and Vestal.	9/5/2018 3:57 PM
77	Conklin NY	9/5/2018 3:51 PM
78	vestal,	9/5/2018 3:26 PM
79	Low lying areas in the county and/or near the rivers and creeks	9/5/2018 3:00 PM
80	Upper Court St. @ Broad Ave. to Fairview Ave., Rt. 17 C @ Endwell to JC., Watson blvd. @ Fairmount Pk. to Country Club Rd., Main St. @ Rt. 201 to Oakdale Rd. approx.	9/5/2018 1:50 PM
81	Any area close to the river in low laying areas.	9/5/2018 1:49 PM
82	apalachin, rail trail areas	9/5/2018 1:43 PM
83	Conklin, owego	9/5/2018 1:34 PM
84	Near the rivers	9/5/2018 1:15 PM
85	Underpasses and low lying streets near streams and creeks.	9/5/2018 1:12 PM
86	Endicott, vestal, conklin, maine	9/5/2018 1:09 PM
87	Those close to the river or near other water sources-Endwell Maine Conklin Vestal	9/5/2018 12:57 PM
88	Endwell/ Endicott Vestal, Binghamton Conklin Kirkwood	9/5/2018 12:40 PM
89	Front Street Vestal / 4 Corner Vestal (Main St & 434) they have flooded before	9/5/2018 12:39 PM
90	Areas near the rivers in low lying areas, along major tributaries that feed into the river that have not had active stream maintenance, ie clearing and debris removal	9/5/2018 12:18 PM
91	In Endwell... Verdun Ave., Malverne Rd., Parts of Shady Drive, Metz	9/5/2018 12:17 PM
92	Conklin, Kirkwood, Vestal, Endicott	9/5/2018 12:10 PM

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93	Grand ave Johnson city and area, owego/ vestal, Binghamton	9/5/2018 11:59 AM
94	Endicott	9/5/2018 11:55 AM
95	Along rivers and streams as well as low lying areas and those with poor drainage. You should already know this	9/5/2018 11:07 AM
96	Old vestal road, South side of Binghamton	9/4/2018 7:21 PM
97	This is a stupid question, you just sent me to a map involving floodplains. I assume everything near the river as well and the bridges under the railroads.	9/4/2018 3:13 PM
98	Glendale Dr, Vestal Rd, Conklin Ave, River Rd, 17C	9/4/2018 5:10 AM
99	Conklin, Kirkwood, the Upper Court St. area of the City of Binghamton	9/2/2018 8:03 PM
100	Near water sources, creeks, rivers etc.	9/1/2018 4:26 PM
101	South Vestal, Conklin, all along Susquehanna and Chenango rivers and Choconut creek	9/1/2018 3:33 PM
102	Dredge the choconut	9/1/2018 3:04 PM
103	choconut creek south vestal tharp st	9/1/2018 2:05 PM
104	Close to the river	9/1/2018 1:58 PM
105	Richard's and tharp	9/1/2018 1:05 PM
106	west corners union center	9/1/2018 12:46 PM
107	Davis, Argonne, Verdun, Metz	9/1/2018 12:40 PM
108	Brookside. River Rd. Endwell	9/1/2018 12:36 PM
109	You should already know!	9/1/2018 12:05 PM
110	River valleys, stream valleys	8/30/2018 7:52 PM
111	near rivers	8/30/2018 10:56 AM
112	town of Conklin , and Vestal	8/30/2018 10:49 AM
113	Richard's and tharp. We always flood	8/29/2018 12:01 PM
114	conklin, kirkwood, vestal, binghamton conklin ave, cherry drive...anything close to major waterways	8/28/2018 8:54 AM
115	downtown binghamton, johnson city	8/28/2018 8:33 AM
116	Low-lying areas near rivers and streams that have poor drainage.	8/27/2018 1:03 PM
117	Court St. PD park, Rt. 12	8/27/2018 8:04 AM
118	Court street Bridge under pass. Port crane, areas of Vestal	8/27/2018 7:10 AM
119	Bottom of brotzman and attached properties to Front St. Bottom of knapp hill (both ends which is Route 11 and Route 12.)	8/27/2018 7:09 AM
120	Rte 12 below Brotzman, JC, bing east side	8/27/2018 7:05 AM
121	court street, route 12, areas with poor drainage systems	8/27/2018 7:04 AM
122	Court St, Rte 11 in Kirkwood, RTe 7 in Conklin, Front ST in Vestal	8/27/2018 6:44 AM
123	I am most recently familiar with flash flooding on Court Street east of Alice St. in the City of Binghamton. Low lying areas in Conklin and Vestal are frequently threatened with river flooding.	8/24/2018 10:06 AM
124	Areas along rivers and creeks. Low lying areas. Areas that experience runoff from higher areas.	8/24/2018 9:50 AM
125	Possibly not flooding, but Country Club Road in Vestal has issues with run off, as does Echo Road during heavy storms	8/24/2018 9:30 AM
126	Conklin, Kirkwood, Vestal, Endwell	8/23/2018 4:32 PM
127	Court Street, Robinson St	8/23/2018 12:41 PM
128	Any area in the SFHA, any area near a creek during flash flooding	8/23/2018 10:02 AM
129	East side Binghamton, downtown binghamton. Vestal, Endicott	8/22/2018 1:45 PM

Q17 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 Broome County? Select your top three choices.

Answered: 150 Skipped: 51



ANSWER CHOICES	RESPONSES
Enhance stream maintenance programs/projects	64.67% 97
Retrofit infrastructure, such as elevating roadways and improving drainage systems	58.00% 87
Install or improve protective structures, such as floodwalls, levees, bulkheads, and firebreaks	54.67% 82
Buy out flood prone properties and maintain as open space	40.67% 61

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Assist vulnerable property owners with securing funding to mitigate their properties	38.67%	58
Other (please specify)	38.00%	57
Replace inadequate or vulnerable bridges and causeways	34.67%	52
Work on improving the damage resistance of utilities (electricity, communications, water/wastewater facilities etc.)	32.00%	48
Inform property owners of ways they can mitigate damage to their properties	32.00%	48
Create a stream gage and weather monitoring program to provide more accurate data and warnings	28.67%	43
Strengthen codes, ordinances and plans to require higher hazard risk management standards and/or provide greater control over development in high hazard areas	21.33%	32
Improve access to information about hazard risks and high-hazard areas	16.67%	25
Retrofit and strengthen essential facilities such as police, schools, and hospitals	10.00%	15
Total Respondents: 150		

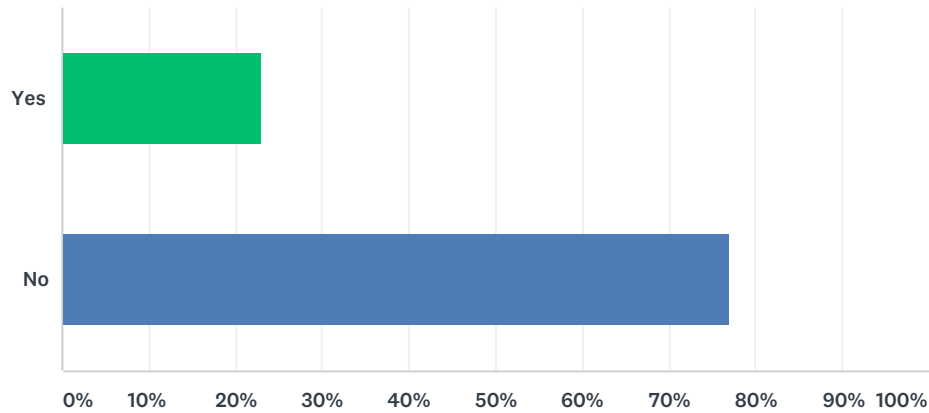
#	OTHER (PLEASE SPECIFY)	DATE
1	There needs to be a bridge between Hooper Rd in Endwell and the Vestal parkway. This really is a crucial issue and is long overdue for an action plan!	12/20/2018 9:58 AM
2	Dredge the river & remove all of the islands that have grown, displacing flood waters.	11/16/2018 8:12 PM
3	Make the creek deeper, build up the banks	9/23/2018 7:48 PM
4	drainage system in twin orchards is completely overgrown and doesnt flow. We addressed with State and got the normal run around..	9/21/2018 6:54 PM
5	Dredge rivers	9/20/2018 8:12 AM
6	Dredge rivers and streams	9/18/2018 8:04 PM
7	Nothing has been done since 2011 flood to mitigate	9/18/2018 5:58 PM
8	clean out branches, and trees that block the water ways such as Creeks, rivers etc. Get all debris out of the way so it doesn't block up and make a dam effect.	9/18/2018 2:23 PM
9	Clean street drains regularly, build rain gardens in medians, reclaim floodplain (i.e. former KMart) and convert to park land, tear out vacant parking lots and concrete pads and replace with rain gardens, reclaim eroding riverbanks with coconut coir and native trees/grasses/shrubs.	9/18/2018 11:50 AM
10	Instruction how property owners can do more to, prevent damage, removable trash in flood prone areas,trim back trees that are hanging over buildings and wires, removable of dead or sick trees.	9/18/2018 9:51 AM
11	demolish derelict properties and unused paved areas - create wetlands	9/17/2018 5:34 PM
12	Dredge and clean rivers and streams	9/17/2018 4:59 PM
13	Dredge the rivers and streams	9/17/2018 4:29 PM
14	Act on major improvements recommended by corps	9/17/2018 3:14 PM
15	Clean up the sewage in the rivers.	9/17/2018 2:44 PM
16	DREDGE THE RIVER	9/17/2018 11:05 AM
17	DO NOT DREDGE Susq River, that only transfers the problem	9/13/2018 1:37 PM
18	Dredge the rivers	9/9/2018 6:39 PM
19	A bridge between Endwell and Vestal for Emergency situations	9/9/2018 10:39 AM
20	Clean out the small steams filled with stone to banks	9/7/2018 6:10 AM
21	A bridge between Endwell and Vestal for Emergency situations	9/7/2018 12:45 AM
22	Additional bridge over the river. Endwell to Vestal would be essential to safe routes	9/6/2018 8:56 PM
23	Build a bridge between Endwell and Vestal for Emergency situations	9/6/2018 8:48 PM

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24	More stream gages are needed throughout the county, especially in rural areas.	9/6/2018 5:43 PM
25	Bridge across the River from Endwell to Vestal	9/6/2018 5:36 PM
26	Start using greener, more sustainable practices. This will benefit both financially and environmentally in the long run.	9/6/2018 2:34 PM
27	A bridge between Endwell and Vestal for Emergency situations	9/6/2018 12:54 PM
28	A bridge between Endwell and Vestal for Emergency situations	9/6/2018 10:21 AM
29	limit overbuilding and stripping the hillsides and change zoning to please 'developers'	9/5/2018 10:15 PM
30	Build a bridge between vestal and endwell to help emergency vehicles to help the neighboring community across the river.	9/5/2018 8:20 PM
31	A A bridge between Endwell and Vestal for Emergency situations.	9/5/2018 5:59 PM
32	Bridge between Vestal and End well for emergency services.	9/5/2018 4:59 PM
33	Please consider a bridge from Hooper Rd in Endwell connecting to Vestal. Vital for cooperation of fire and emergency response and for potential evacuation scenarios.	9/5/2018 4:50 PM
34	Emergency vehicles need easier access to vestal/endwell with a bridge connection from Hooper Rd to Vestal	9/5/2018 4:38 PM
35	A bridge between Endwell and Vestal for Emergency situations	9/5/2018 3:57 PM
36	Add a bridge from Endwell to Vestal	9/5/2018 3:26 PM
37	Bridge connecting Endwell and Vestal	9/5/2018 3:00 PM
38	"A bridge between Endwell and Vestal for Emergency situations" or something similar.	9/5/2018 1:50 PM
39	Build a bridge between Endwell and Vestal for faster Emergency response times	9/5/2018 1:49 PM
40	BYU's a bridge from Endwell to Vestal to AIS with emergency vehicles and access out or in.	9/5/2018 1:15 PM
41	Build a bridge between Endwell and Vestal.	9/5/2018 1:12 PM
42	Build a bridge between Endwell & Vestal to streamline emergency response & possible evacuation	9/5/2018 12:57 PM
43	A bridge between Endwell and Vestal for Emergency situations	9/5/2018 12:39 PM
44	A bridge between Endwell and Vestal for Emergency situations.	9/5/2018 12:25 PM
45	bridge endwell to vestal for emergencies	9/5/2018 11:59 AM
46	For emergency routes during floods or other situations, a bridge from Endwell to Vestal and the highway would be helpful.	9/5/2018 11:07 AM
47	Do not allow building so close to water sources.	9/1/2018 4:26 PM
48	Dredge and manage streams. Force municipalities and commercial/industrial properties to have catch basins cleaned regularly	9/1/2018 3:33 PM
49	Dredge the choconut	9/1/2018 3:04 PM
50	clean and channel choconut creek	9/1/2018 2:05 PM
51	I don't know	9/1/2018 1:58 PM
52	Build floodwall	9/1/2018 12:40 PM
53	Add an alternate route for emergency personnel and residents such as a bridge connecting the highway with Endwell and Vestal. Dredge the river.	9/1/2018 12:05 PM
54	Town of vestal does nothing, they dont care	8/29/2018 12:01 PM
55	dredge the river	8/28/2018 8:54 AM
56	Stop approving new projects located in the flood plain	8/28/2018 8:33 AM
57	reclaim/revert impervious land	8/24/2018 10:06 AM

Q18 Do you feel that your municipality is doing enough towards flood prevention and mitigation or other types of prevention/mitigation from hazards?

Answered: 143 Skipped: 58



ANSWER CHOICES	RESPONSES	
Yes	23.08%	33
No	76.92%	110
TOTAL		143

#	PLEASE PROVIDE DETAILS FOR YOUR ANSWER.	DATE
1	Vestal needs to force NYSEG to move the castle gardens substation if that's what it comes to.	12/20/2018 9:58 AM
2	I think that it's a special challenge in Binghamton, because of its flood history. A public, community-wide conversation that educates as much as it moves mitigation forward would be helpful.	11/19/2018 10:25 AM
3	Ongoing prevention is necessary	10/4/2018 7:35 AM
4	The town of Fenton does not take pro-active measures, just reactionary ones, e.g. bridge and road repair after flooding. Preparation for winter hazards, e.g. road maintenance, is much better.	10/3/2018 8:41 PM
5	I feel the municipality is doing the best it can, and that the federal government should take a closer look at our region.	9/27/2018 1:01 PM
6	Have worked with DOT to install a flap gate to prevent flooding on Front St. Highway crew works to keep streams and gutters clear of debris.	9/26/2018 11:43 AM
7	All we hear, no money, FEMA won't allow them to do anything, and on and on with lame excuses.	9/23/2018 7:48 PM
8	Dredge the Susquehanna River	9/23/2018 2:13 PM
9	Streams and rivers could be cleared of debris. Susquehanna very silted in could be dredged. Raise dikes a few feet.	9/21/2018 6:54 PM
10	The City of Binghamton has done absolutely nothing to mitigate flooding on the east side. There are more people and structures at risk here compared to any other part of the city that floods and they have done nothing to address the issues with Chamberlain Creek or provide protection from river and flash flooding. Drainage improvements and creek repairs have been made in other areas, but not on the east side.	9/20/2018 10:21 AM
11	Rivers should be dredged	9/20/2018 8:12 AM

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12	No mitigation is performed. Municipality just band aids the problem by just fixing the damage over and over again. Waste / misuse of taxpayer money!	9/19/2018 10:12 PM
13	please read all previous comments.	9/19/2018 9:20 AM
14	Creek beds which runs through 48 Fuller Rd Town of Chenango and through the home of the poor gal who lives on the corner of Fuller/Grant need regular cleaning to prevent lower Fuller residents from suffering floods everytime we get a heavy downpour.	9/19/2018 9:14 AM
15	not enough stream maintenance	9/19/2018 5:43 AM
16	Have not seen mitigation or infrastructure projects	9/18/2018 8:04 PM
17	The creek on Lester Ave is totally overgrown. Gov't has not done one thing to protect residents	9/18/2018 5:58 PM
18	Flood walls need repair, waterways need to be cleaned to prevent dam effects which cause flooding...	9/18/2018 2:23 PM
19	We need a comprehensive river and floodplain plan which seeks to restore natural water catchments and flood plains, prevent new development in flood-prone areas, and control unnecessary riverbank erosion using plants and soft barriers. Grand Forks, ND may be a good example techniques that have worked.	9/18/2018 11:50 AM
20	storm drains DO NOT properly drain	9/18/2018 10:01 AM
21	They can all ways do more, however the cost is high and not all can get done. more federal and state aid is needed.	9/18/2018 9:51 AM
22	I still see the same areas flooding	9/18/2018 8:01 AM
23	The city doesn't build any walls to protect our properties, neither let us do it with our own money	9/17/2018 7:10 PM
24	Dredge the river!! Or soon Conklin will have no tax payers.	9/17/2018 6:08 PM
25	I'm not sure. The removal of the old GE building in JC and turning it into open space is certainly a step in the right direction. Stop paving over areas so that water has somewhere to go. Widen or dredge the rivers.	9/17/2018 5:34 PM
26	Please raise a dyke around the Castle Gardens Neighborhood	9/17/2018 5:10 PM
27	They need to dredge the creeks and river	9/17/2018 5:05 PM
28	I have heard nothing about anything being done	9/17/2018 4:59 PM
29	The Town of Vestal refuses to dredge/improve drainage for Choconut Creek, stating that the DEC will not allow this. This is untrue: the DEC will allow dredging/flow improvement projects on creeks; there is just a permitting process that has to be undertaken and the town can't be bothered to do so. The town could also plant trees and other vegetation in the areas they clear-cut along the creek several years ago. At the time the town said they were going to put playing fields in, but they never did so and now nothing stops the water when the creek rises.	9/17/2018 4:45 PM
30	Time for governments, schools, colleges, parks to reduce the use of herbicides, pesticides and fertilizers, the environmental tragedy of this is greater than any global warming or "Climate change". Climate has changed beyond out habitation of this country.	9/17/2018 4:29 PM
31	They are natural disasters and they will happen no matter what. All anyone can do is try to prepare for the disasters.	9/17/2018 4:12 PM
32	historical failure to act on proper protection. Also made worse by poorly executed local projects	9/17/2018 3:14 PM
33	I feel that all the Municipality in Broome County should be patrolling all the waterways. They should be making sure that they are free flowing and without any barriers to cause any problems in the future. Because what I've been told from FEMA is that it's 99% chance that it's going to happen again.	9/17/2018 1:23 PM
34	AGAIN CLEAN OUT ISLAND IN RIVERS YOU WILL NOT HAVE AN ISSUE. THESE ISLANDS HAVE GROWN OVER THE YEARS DUE TO RUN OFF FROM CREEKS AND BANKS/	9/17/2018 1:10 PM
35	Flood wall on Court Street needs to be made higher, specially near the Tompkins Street bridge.	9/17/2018 12:46 PM
36	NOTHING IS BEING DONE	9/17/2018 11:05 AM
37	Same infrastructure has failed in each of last 2 major floods because village facility next to flood wall at River Terrace and South Street is vulnerable	9/13/2018 1:37 PM

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38	I believe the Town of Conklin is attempting mitigation and flood prevention measures, but they do not have the complete support needed from Broome County or NYS.	9/10/2018 8:48 AM
39	No In Vestal all we hear from the Town Council is that their hands are tied concerning improvements because the DEC will not let them do anything with Choconut Creek. As I sit here today 9/9/18 I have experienced flooding in July 2017 & August 2018. 3 feet of water in basement each time. And today, I am under a flood watch again. And I will experience flooding again. Every time this happens, and it's happening regularly now, I feel that the foundation of my house is getting weaker and weaker. I will leave tonight before the heavy rains occur as I always do. I and others along the creek live in a house that should never have been built. And all the Town Council says is that there is nothing they can do to help. They have other priorities. I encourage you to read the minutes of the Council meeting of August 22nd. Their response was to the concerned citizens was horrible. After the 2011 flood the Town scooped out the end of the drainage ditch only. It did nothing then, and because they have not touched the ditch since that time, the water takes a very long time to drain from the street. I am working on getting the DEC to come visit my property as there appears to have been some sort of shift or something concerning the creek. 1/3 of the burm on my property is now washed away and after the August flood my back yard never dried out. The ground is changing and I am scared to say the least. But there is nothing my town council can do Right? So no, the town of Vestal is doing nothing. They maintain it's not their fault.	9/9/2018 3:10 PM
40	A bridge between Endwell and Vestal for Emergency situations is important when these events occur.	9/9/2018 10:39 AM
41	I just never hear about it, so I presume that the local government is doing little. I could be wrong.	9/7/2018 11:51 AM
42	Funding is always the main issue. Vestal has worked with other sources (for example FEMA) to provide mitigation measures along Choconut Creek and to purchase previously flooded homes that will never be rebuilt.	9/7/2018 11:12 AM
43	They have done a lot of creek maintenance and also provided the Fairmont Park Area with a wall to prevent flooding in that neighborhood.	9/7/2018 11:09 AM
44	It looks like they cleaned the rivers and made it less likely it would flood as bad as in the past.	9/7/2018 12:45 AM
45	Many people on flood danger are limited to exit out of danger. Another bridge would be very helpful	9/6/2018 8:56 PM
46	Infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be incredibly beneficial. A direct connection between the Rt 17C/Hooper Rd corridor of Endwell to Vestal with a connection to the interstate is vital for our community for emergency purposes and economic as well.	9/6/2018 8:48 PM
47	The Town of Colesville does not have the financial resources to conduct prevention and mitigation projects.	9/6/2018 5:43 PM
48	There is a significant lack of effort by Broome County to protect the watersheds involved in the County.	9/6/2018 4:54 PM
49	I'm honestly not sure what current practices are.	9/6/2018 2:34 PM
50	Vestal is ignoring the risk due to flooding - letting events happen and allowing residents to be flooded. With the loss of hemlocks due to woolly adelgid, the situation is dire.	9/6/2018 1:42 PM
51	There is always more that can be done, but there is a limited funding to do so.	9/6/2018 1:26 PM
52	infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial	9/6/2018 10:21 AM
53	see above,fix the usual 'creeks' that over run their banks.	9/5/2018 10:15 PM
54	Need to dredge the watershed by Lowe's to allow for more water, and add an emergency route from Vestal to Endwell for evacuation and emergency vehicles	9/5/2018 8:20 PM
55	Infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial	9/5/2018 5:59 PM
56	By law the Town of Vestal is doing all they can, despite the "rules" from Feds an NY state DEC	9/5/2018 4:59 PM
57	Please see my response to question #20. Please support a road bridge connecting Endwell and Vestal!	9/5/2018 4:50 PM
58	Emergency access from Vestal to Endwell with a bridge.	9/5/2018 4:38 PM

Broome County Hazard Mitigation Plan Update - Citizen Survey

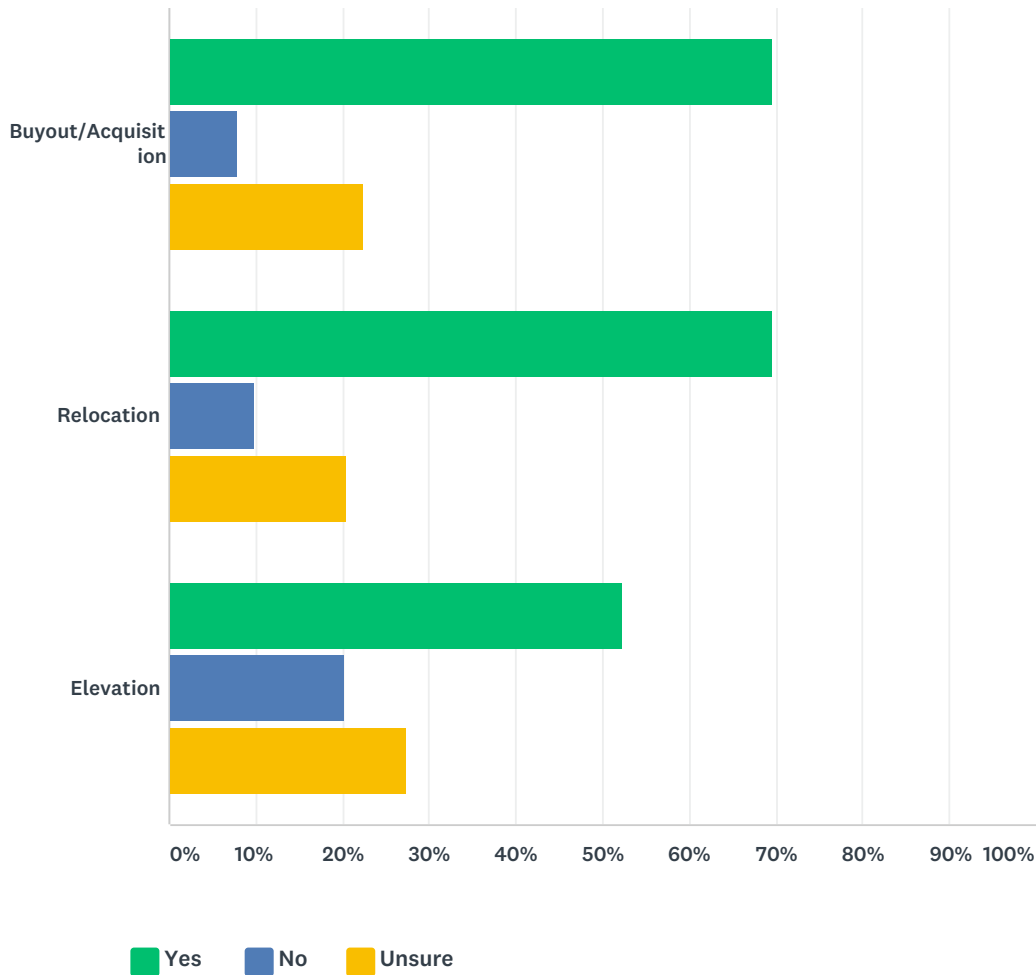
59	Infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial.	9/5/2018 3:57 PM
60	A bridge from Endwell to Vestal would be VERY beneficial	9/5/2018 3:51 PM
61	Need to connect Endwell and Vestal with bridge. Dredge rivers and creeks.	9/5/2018 3:00 PM
62	"...infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial."	9/5/2018 1:50 PM
63	Need to buyout flood area homes and turn into open space (Parks)	9/5/2018 1:49 PM
64	Fixing creek banks an areas that get damaged or cause flooding	9/5/2018 1:34 PM
65	Build a bridge from Endwell to vestal. Maintain streams, rivers, ditches and drainage.	9/5/2018 1:15 PM
66	Businesses and homes are still occupied in flood prone areas. Move to higher ground!	9/5/2018 1:12 PM
67	River project must be addressed as well as maintaining other water sources and infrastructure properly. Taft Ave near GFJohnson is always a mess, as is the intersection of Pine & N McKinley when it rains heavily. A bridge built between Endwell & Vestal will help with emergency response times of aiding agencies and open an additional evacuation route for Endwell/T of Union residents located off of upper Taft Ave and other areas.	9/5/2018 12:57 PM
68	infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial	9/5/2018 12:39 PM
69	Infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial.	9/5/2018 12:25 PM
70	NYS DEC Regulations create barriers and roadblocks to common sense solutions	9/5/2018 12:18 PM
71	I feel that after they tore down some home, they've forgotten about the rest of us. While roads near us are getting repaved and fixed, ours is falling to pieces. No one checks to see how we've done since the last major flood. Everything is half finished while learning that those upstream are getting floodwalls and other protections.	9/5/2018 12:17 PM
72	There is always more that could be done. Time and money are always issues	9/5/2018 12:10 PM
73	bridge between vestal and endwell in case other bridges and areas are flooded	9/5/2018 11:59 AM
74	Same issues again and again	9/5/2018 11:55 AM
75	Aside from some infrastructure improvements with an added emergency route across the river between Endwell and Vestal , I'm not sure what else can be done.	9/5/2018 11:07 AM
76	When it rains hard, the same streets keep flooding, and the bridges under the train track in Endicott keep flooding.	9/4/2018 3:13 PM
77	We had terrible erosion due to poor maintenance of drainage ditches. In Conklin, it is time to fight NYS and dredge the river and streams.	9/2/2018 8:03 PM
78	No	9/1/2018 4:26 PM
79	Dredge the choconut	9/1/2018 3:04 PM
80	vestal did not clear debris or do anything in choconut creek after several flood events with alot of property damage	9/1/2018 2:05 PM
81	Hell no. Town of vestal makes excuses and doesn't care, same with broome county. It's not hard and they are blaming dec	9/1/2018 1:05 PM
82	they have allowed my new nieghbor to dam up water onto fema town of union greenspace which is illegal and my property which is illegal and they the town of union will not fix it nor are they taking care of said such greenspace nor are they fixing thier mistake i am being force flooded out	9/1/2018 12:46 PM
83	They are probably doing as much as they can with limited resources.	9/1/2018 12:05 PM
84	Replacing culverts and bridges	8/30/2018 7:52 PM
85	dont know	8/30/2018 10:56 AM
86	We get excuses which are lies, blame dec which is untrue, lazy, unorganized town. More concerned about rebuilding residential bridges and driveways for friends, unable to prioritize (helping with a hot tub than work on creek)	8/29/2018 12:01 PM

Broome County Hazard Mitigation Plan Update - Citizen Survey

87	limited access in and out of conklin	8/28/2018 8:54 AM
88	They are doing little to maintain and improve stormwater management practices. Structures are seldom cleaned and water ways are not kept free of debris that can cause blockages during rain events.	8/28/2018 8:33 AM
89	Roadside drainage needs to be kept clear of overgrowth and garbage.	8/27/2018 8:04 AM
90	For Knapp Hill, they dug out the ditches and did nothing to reinforce the new flow that would happen with the wider space. People lost driveways and the roadways were affected as water now barreled down the hill both directions. Most residents were not in favor of the larger ditches. As for Brotzman and Front- there are three pieces of drainage that flow into a tiny stream that has had zero done to maintain it. New housing being put in on brotzman without code caring what happens to those at the bottom in understanding how water comes off mountains once land is moved and the natural path is disrupted. I couldn't get off knapp hill or down brotzman during this last storm without having an extreme issue.	8/27/2018 7:09 AM
91	We have been told the municipalities need to address our current flood walls yet Court St still floods every time. And in our town they are allowing new construction to severely impact the storm water drainage/runoff on Brotzman/Leonard & Edelweiss with little regard for the current residences located at the bottom of the hill. Too much water is being drained into a dry creek bed and causing water & silt to enter the structures below. Washing out the driveway access to Rte 12 and allowing water to cross over Rte 12 and actually close the road because of rocks, boulders, trees & debris that came down the hill too. Two 20 ft/4ft diameter sluice pipes came racing down the hill this time and really created a mess for us all at the bottom.	8/27/2018 6:44 AM
92	City of Binghamton must find a way to recertify their flood maps	8/24/2018 10:06 AM
93	It seems many of the same roads that get washed out it happens repeatedly. Some of these are due to the open ditches being inadequate for the heavy flows--I realize that too large of a ditch is a hazard for vehicles, but when there are repeated problems with washing out the roadways I think widening the shoulder and making larger ditches would be OK. There should also be a way for homeowners in areas of open ditches to be able to request help with removing debris from culverts that run under their driveways when they notice them starting to fill in. Hand digging can only clean out so far, and hiring a crew to clean the entire length is beyond the means of many homeowners, although their plugged driveway culvert leads to water on the road and damage that affects everyone who uses the road.	8/24/2018 9:30 AM
94	There is really no prevention of flooding, our flood walls are too short, there needs to be better stream drainage	8/23/2018 12:41 PM

Q19 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.

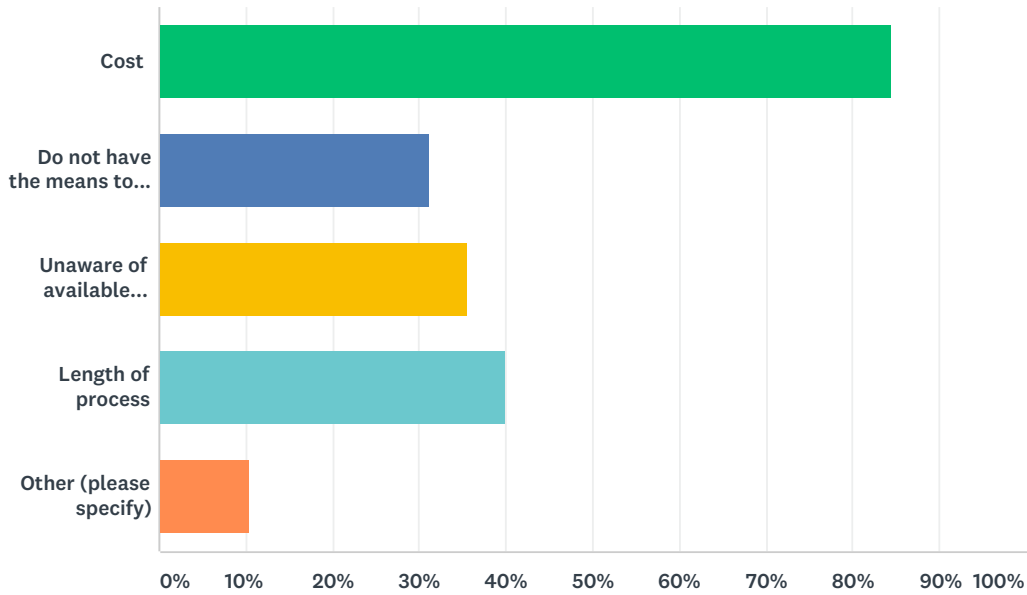
Answered: 139 Skipped: 62



	YES	NO	UNSURE	TOTAL
Buyout/Acquisition	69.57% 96	7.97% 11	22.46% 31	138
Relocation	69.70% 92	9.85% 13	20.45% 27	132
Elevation	52.34% 67	20.31% 26	27.34% 35	128

Q20 Please select the factor(s) that would influence your decision on the options listed above (buyout/acquisition, relocation, or elevation).

Answered: 135 Skipped: 66



ANSWER CHOICES	RESPONSES
Cost	84.44% 114
Do not have the means to move/relocate	31.11% 42
Unaware of available programs	35.56% 48
Length of process	40.00% 54
Other (please specify)	10.37% 14
Total Respondents: 135	

#	OTHER (PLEASE SPECIFY)	DATE
1	Likelihood of future damage.	10/3/2018 8:41 PM
2	Why choose to continue staying in an area that will likely flood again because of insufficient mitigation measures. Residents' voices are not being heard! Get proactive. Providing flood ins. is a bandaid approach!	9/19/2018 9:20 AM
3	I bought on Wynne after leaving Conklin in 2006 - my property is OK but the road to get out of here via Fuller is always a mess.	9/19/2018 9:14 AM
4	amount of damage and can I do it my self	9/18/2018 9:51 AM
5	Not needed if steam was cleaned out regularly	9/7/2018 6:10 AM
6	I would not have the means to re-locate or rebuild, but would be an option to avoid future danger and disaster.	9/6/2018 5:43 PM
7	the 'new' neighborhood	9/5/2018 10:15 PM
8	Proper bridge built between vestal and endwell to close gap in emergency travel.	9/5/2018 1:09 PM
9	bridge between Endwell and Vestal for Emergency situations	9/5/2018 11:55 AM

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10	Dredge the choconut	9/1/2018 3:04 PM
11	Happy here	9/1/2018 12:36 PM
12	I would do a buyout but cant walk away with no money or still owing bank.	8/29/2018 12:01 PM
13	availability of suitable relocation options	8/24/2018 10:06 AM
14	availability of similar quality housing at similar costs to existing	8/24/2018 9:30 AM

Q21 If you have already had to spend money to mitigate your property, how much have you spent and on what measures?

Answered: 78 Skipped: 123

#	RESPONSES	DATE
1	\$2700.00 on a natural gas generator.	12/20/2018 9:58 AM
2	Have only had our house for 1.5 years, but have spent \$2000 fortifying the riverbank.	11/19/2018 10:25 AM
3	unknown	11/16/2018 8:12 PM
4	100,000.00, lost sheds, lawnmowers, washers, dryers, furnace, freezers	9/23/2018 7:48 PM
5	20K, Foam insulation in Basement to stop water coming in	9/23/2018 2:13 PM
6	\$40K in flood damage in 2011	9/21/2018 6:54 PM
7	?	9/21/2018 6:13 AM
8	Spent over \$10,000 with Mid Atlantic to waterproof basement	9/20/2018 10:21 AM
9	\$30,000 + for residence and property drainage and personal/property repairs made after the waters receded	9/19/2018 9:20 AM
10	I relocated to my present property from Conklin	9/19/2018 9:14 AM
11	\$1000 on reconstruction	9/18/2018 8:04 PM
12	\$15,000 +/-	9/18/2018 10:01 AM
13	We have another property on the chenango r.the prop structure rec alittle water, so what I did was enforce the fountation,encouraged large brushes along the river bank	9/18/2018 9:51 AM
14	money to buy dirt to fill in part of the backyard	9/18/2018 8:43 AM
15	Had heavy duty gutters put in, cost over \$2,000.	9/18/2018 8:01 AM
16	n/a	9/18/2018 7:28 AM
17	\$200,000	9/17/2018 7:10 PM
18	Installed a sump pump and own a generator	9/17/2018 7:09 PM
19	2006, 45k dollars no flood insurance in 2011, \$3200 out of pocket with 22000 paid by flood insurance	9/17/2018 6:08 PM
20	NA	9/17/2018 4:59 PM
21	Several hundred dollars installing flood vents in the crawlspace.	9/17/2018 4:45 PM
22	\$4,000, relocation of outlets and mechanical equipment	9/17/2018 4:29 PM
23	No	9/17/2018 4:12 PM
24	\$3,000 plus and more is needed	9/17/2018 3:14 PM
25	\$11,000	9/17/2018 1:23 PM
26	estimate \$200	9/17/2018 12:46 PM
27	DON'T HAVE THE MONEY	9/17/2018 11:05 AM
28	\$5,000 on drain system because of groundwater flooding	9/13/2018 1:37 PM
29	We had an addition built on our existing home that has the main living space above the high water mark of the floods of 2006 and 2011. It also has its own electrical sub-panel, and separate HVAC. We could make some quick changes to make addition livable if the main house was destroyed. The cost of the addition was approximately \$80,000.00.	9/10/2018 8:48 AM
30	I have no money for that	9/9/2018 3:10 PM

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31	Purchased basement flood insurance.	9/7/2018 11:12 AM
32	0	9/7/2018 12:45 AM
33	Flood drainage, water diversions	9/6/2018 8:56 PM
34	Insurance would not cover. Still saving money for replacement of flooring.	9/6/2018 5:43 PM
35	NA	9/6/2018 5:36 PM
36	None	9/6/2018 4:54 PM
37	\$6000, Sump pump. new furnace,patching walls	9/6/2018 4:01 PM
38	200.00	9/6/2018 3:43 PM
39	<\$10k, improved gutters and drainage	9/6/2018 1:48 PM
40	stronger windows	9/5/2018 10:15 PM
41	N/A	9/5/2018 5:59 PM
42	\$1,400 for a french drain; never had water in basement again.	9/5/2018 5:08 PM
43	2500.00	9/5/2018 4:59 PM
44	\$10,000 to replace roof that was installed without ice guard layer. Roof was damaged over winter.	9/5/2018 4:50 PM
45	no	9/5/2018 4:00 PM
46	0	9/5/2018 3:26 PM
47	N/a.	9/5/2018 1:50 PM
48	None	9/5/2018 1:49 PM
49	3,000 on building in drainage	9/5/2018 1:34 PM
50	Not much...installed sump pump, clear gutters and ditches.	9/5/2018 1:12 PM
51	0	9/5/2018 12:57 PM
52	N/A	9/5/2018 12:39 PM
53	N/A	9/5/2018 12:25 PM
54	Don't have money for it.	9/5/2018 12:17 PM
55	Na	9/5/2018 11:55 AM
56	basic drainage etc. cost unknown	9/5/2018 11:07 AM
57	\$5000 on a french drain system as well as catch basin	9/4/2018 3:13 PM
58	N/A	9/4/2018 5:10 AM
59	0	9/2/2018 8:03 PM
60	No	9/1/2018 4:26 PM
61	Dredge the choconut	9/1/2018 3:04 PM
62	2000.00	9/1/2018 2:05 PM
63	3000	9/1/2018 1:05 PM
64	since 2006 i have spent about 15000 dollars of my own money fixing my backyard from water runoff from the hill as there is no longer access to ditches and around 30000 from fema to fix house garage and vehicles	9/1/2018 12:46 PM
65	Drainage. \$1200	9/1/2018 12:36 PM
66	Drainage and Sump pump \$2000 over time	9/1/2018 12:05 PM
67	na	8/30/2018 7:52 PM
68	n/a	8/30/2018 10:56 AM
69	Already spent over \$1000 and about another 3000 to come building flood walls around our property	8/29/2018 12:01 PM

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70	no	8/27/2018 1:03 PM
71	5,000	8/27/2018 7:09 AM
72	we are still assessing the damage from this last storm	8/27/2018 6:44 AM
73	negligible cost to regrade ground away from house and patch seep areas in basement	8/24/2018 10:06 AM
74	When I purchases my house I repaired the collapsed/caved in drywell onthe property, fixed my gutters and repaired existing french drains. Probably \$500 in money but it was a summer's worth of weekend work also.	8/24/2018 9:30 AM
75	n/a	8/23/2018 4:32 PM
76	elevate my home	8/23/2018 12:41 PM
77	0	8/23/2018 10:02 AM
78	0	8/22/2018 1:45 PM

Q22 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: 98 Skipped: 103

#	RESPONSES	DATE
1	All of the above, but especially grants and rebates	12/20/2018 9:58 AM
2	Not sure. Financial help somehow.	11/19/2018 10:25 AM
3	none of the above	11/16/2018 8:12 PM
4	grant funding	10/28/2018 6:53 PM
5	grant funding or waivers	9/29/2018 10:38 AM
6	Grant funding	9/26/2018 11:43 AM
7	Lower interest, waiver	9/23/2018 7:48 PM
8	grant funding	9/23/2018 2:13 PM
9	Not sure what could be done. Elevating doesnt seem practical	9/21/2018 6:54 PM
10	Grant fudibg	9/21/2018 6:13 AM
11	Grant funding	9/20/2018 10:21 AM
12	grant funding ,Maybe a shared cost option	9/19/2018 10:12 PM
13	grant funding, I am still paying on a SBA mitigation from the 2011 flood!	9/19/2018 9:20 AM
14	na	9/19/2018 9:14 AM
15	Lower interest rates and grants	9/18/2018 8:04 PM
16	Yes	9/18/2018 5:58 PM
17	Don't know at this time	9/18/2018 2:23 PM
18	Grant funding	9/18/2018 11:50 AM
19	low int loans, instruction or consultation on how to make prop better, and grants	9/18/2018 9:51 AM
20	grant funding	9/18/2018 8:43 AM
21	Grants, low interest rates, tax rebates.	9/18/2018 8:01 AM
22	?	9/18/2018 7:28 AM
23	Grants, waivers	9/17/2018 7:10 PM
24	Grant funding and possibly wavers	9/17/2018 7:09 PM
25	Grants	9/17/2018 6:08 PM
26	I've been flooded twice - not sure that mitigation is possible for this structure.	9/17/2018 5:34 PM
27	Grants, zero interest loans. I have nothing to spend	9/17/2018 4:59 PM
28	Grant funding	9/17/2018 4:45 PM
29	Waivers and grant funding	9/17/2018 4:12 PM
30	action by govt for meaningful improvements	9/17/2018 3:14 PM
31	That is my responsibility as a homeowner to take care of my home.	9/17/2018 1:23 PM
32	NO TAXES	9/17/2018 1:10 PM
33	none	9/17/2018 12:46 PM

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34	DON'T HAVE THE MONEY	9/17/2018 11:05 AM
35	not sure, would depend on what was offered	9/13/2018 1:37 PM
36	grant funding	9/9/2018 6:39 PM
37	There is no help for this proprty. It should be demolished. The creek is going to win	9/9/2018 3:10 PM
38	If I owned a home, the fact that disaster is a possibility would be enough to start. Interest rates and grant funding would help a lot.	9/7/2018 11:51 AM
39	Not concerned with flooding, and other hazards, such as falling trees, are covered by typical home insurance.	9/7/2018 11:12 AM
40	Grant Funding and tax breaks	9/7/2018 11:09 AM
41	Grant funding loan equiptment	9/7/2018 6:10 AM
42	Lower interest rates, grant funding	9/7/2018 12:45 AM
43	Low interest rates	9/6/2018 8:56 PM
44	grant funding	9/6/2018 8:48 PM
45	Grant funding, waivers, zero interest rate loan.	9/6/2018 5:43 PM
46	unknown	9/6/2018 5:36 PM
47	grant funding	9/6/2018 4:54 PM
48	grants	9/6/2018 3:43 PM
49	Grant funding lower interest	9/6/2018 2:16 PM
50	waivers, grant funding	9/6/2018 1:42 PM
51	N/A	9/6/2018 1:26 PM
52	wife's consent	9/5/2018 10:15 PM
53	grant funding	9/5/2018 5:59 PM
54	N/A	9/5/2018 5:08 PM
55	Grant funding	9/5/2018 4:59 PM
56	Any honest effort to share the cost with homeowners for improvements of this sort would be appreciated.	9/5/2018 4:50 PM
57	nada	9/5/2018 4:00 PM
58	lower interest rates, tax rates or insurance rates etc.	9/5/2018 3:57 PM
59	Lower interest rates	9/5/2018 3:51 PM
60	grants	9/5/2018 3:26 PM
61	Unsure.	9/5/2018 1:50 PM
62	Grants	9/5/2018 1:49 PM
63	Tax break	9/5/2018 1:34 PM
64	All	9/5/2018 1:12 PM
65	Lower interest rates,	9/5/2018 12:57 PM
66	N/A	9/5/2018 12:39 PM
67	grant funding	9/5/2018 12:26 PM
68	Grant funding, tax detuctions	9/5/2018 12:25 PM
69	grant funding and tax reduction	9/5/2018 12:18 PM
70	Grant funding. Lower loans. Some type of monetary help would be good for those of us who can't move.	9/5/2018 12:17 PM
71	Grant funding	9/4/2018 7:21 PM

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72	grant funding or rebates	9/4/2018 3:13 PM
73	N/A	9/4/2018 5:10 AM
74	Grant funding and property tax credits	9/2/2018 8:03 PM
75	None	9/1/2018 4:26 PM
76	I pay taxes yet get no service, dredge the choconut	9/1/2018 3:04 PM
77	fix the creek bed wont have to	9/1/2018 2:05 PM
78	Shouldn't have to take a loan for lazy town	9/1/2018 1:05 PM
79	grant funding waivers	9/1/2018 12:46 PM
80	Grants	9/1/2018 12:36 PM
81	-	9/1/2018 12:05 PM
82	grants,low interest	8/30/2018 7:52 PM
83	dont know	8/30/2018 10:56 AM
84	grants	8/30/2018 10:49 AM
85	Not taking a loan	8/29/2018 12:01 PM
86	grants	8/27/2018 3:36 PM
87	no	8/27/2018 1:03 PM
88	Grants	8/27/2018 7:09 AM
89	grants	8/27/2018 7:04 AM
90	all of the above in your list	8/27/2018 6:44 AM
91	discount program; good guidance re: techniques (e.g., waterproofing, structure hardening)	8/24/2018 10:06 AM
92	Funding	8/24/2018 9:50 AM
93	I think many people don't even know what to ask for to help protect their home--possibly just like an energy audit, having people who could give a flood/disaster audit of a home and a list of suggestions that should be done would help many people.	8/24/2018 9:30 AM
94	n/a	8/23/2018 4:32 PM
95	grant funding	8/23/2018 12:41 PM
96	Grants	8/23/2018 10:02 AM
97	grant funding and waivers	8/22/2018 5:08 PM
98	Rather get out	8/22/2018 1:45 PM

Q23 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 Broome County.

Answered: 89 Skipped: 112

#	RESPONSES	DATE
1	The Endwell-Vestal bridge	12/20/2018 9:58 AM
2	undergroundd all electrical corridors & major transmission lines	11/16/2018 8:12 PM
3	dredge the main branch rivers	10/28/2018 6:53 PM
4	Stream dredging and maintenance	10/13/2018 2:14 PM
5	Dredge/clean rivers/streams; seems simple fix but realize it's complicated	10/4/2018 7:35 AM
6	Bridge replacement, upkeep, repair	10/3/2018 8:41 PM
7	Upgrade Storm Sewers, Replace Floodwalls, Clean out the River	9/27/2018 1:01 PM
8	Make sure storm drains are cleared regularly.	9/26/2018 11:43 AM
9	No sence listing any thing, broome county & town of vestal will do nothing. They haven't do a thing in the 40+ years we have lived here	9/23/2018 7:48 PM
10	I like the reverse "911"	9/23/2018 2:13 PM
11	maintain rivers and streams. Raise dike	9/21/2018 6:54 PM
12	Clean up river and streams	9/21/2018 6:13 AM
13	Something needs to be done to address drainage issues on Upper Court Street in the city. They should also be looking at the condition of the floodwalls; in some areas near the Tompkins Street Bridge there are chunks of the wall missing	9/20/2018 10:21 AM
14	Dredge rivers	9/20/2018 8:12 AM
15	MY previous comments have addressed this ques.	9/19/2018 9:20 AM
16	Clean out creek beds, sewers, drainage ditches on a frequent and regular basis.	9/19/2018 9:14 AM
17	Stream maintenance	9/19/2018 5:43 AM
18	Improve infrastructure	9/18/2018 8:04 PM
19	Better education on what to do with the prop to make better	9/18/2018 9:51 AM
20	putting a pump in the backyard & drains to the storm drains	9/18/2018 8:43 AM
21	Invest in ways to reduce global warming.	9/18/2018 8:01 AM
22	?	9/18/2018 7:28 AM
23	None	9/17/2018 7:10 PM
24	Flood walls and clean out the river	9/17/2018 6:08 PM
25	Don't know	9/17/2018 4:59 PM
26	Dredging creeks that have silted in over the years. Building flood walls. Providing funding to buy out flood-prone neighborhoods.	9/17/2018 4:45 PM
27	continued protection of power lines and cleaning of streams, brooks and culverts.	9/17/2018 4:29 PM
28	Clean up projects, supply/ donation projects to help people prepare themselves and their homes, rebuild their homes, protect their property, along with information on how to properly prepare and repair themselves, their homes, and their property. Clean up projects should be more obtuse in regards to what will be picked up, to better clean up Broome County. Information and help for after effects of natural disasters.	9/17/2018 4:12 PM

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29	major real water control projects. Move to stop poor sales practices by prop owners and real estate sellers	9/17/2018 3:14 PM
30	I'm not sure	9/17/2018 1:23 PM
31	just what I listed above	9/17/2018 12:46 PM
32	DREDGE THE RIVER	9/17/2018 11:05 AM
33	Removal of debris, islands, trees. etc., would make a big difference in the condition of our creeks,	9/10/2018 8:48 AM
34	Build a Bridge from Vestal to Endwell connecting to the Highway	9/9/2018 6:39 PM
35	Stop trying to manipulate the waterways. We cannot win that battle. Help people get out. The groundwater here is more and more substantial every year. I have 3 pumps in my basement. Except for the very dead of winter, there is at least one and often two running all the time. It's really ridiculous.	9/9/2018 3:10 PM
36	A bridge between Endwell and Vestal for Emergency situations	9/9/2018 10:39 AM
37	Better outreach/education to the public via news sources	9/7/2018 11:12 AM
38	Try to reuse old buildings so that the concrete footprint does not increase. Also provide more drainage projects that are built and maintained by Broome County.	9/7/2018 11:09 AM
39	Stream maintenance	9/7/2018 6:10 AM
40	A bridge between Endwell and Vestal for Emergency situations	9/7/2018 12:45 AM
41	A bridge from Endwell to Vestal	9/6/2018 8:56 PM
42	Bridge across river from Endwell to Vestal	9/6/2018 5:36 PM
43	Manage watersheds and enforce existing regulations re: run-off management of development projects.	9/6/2018 4:54 PM
44	All government officials need to communicate with each other better. Phillips Foundry is a good example.	9/6/2018 3:43 PM
45	We need greener more sustainable policies, infrastructure, and practices.	9/6/2018 2:34 PM
46	More buyouts	9/6/2018 1:48 PM
47	we could be developing wetlands and areas that can be flood to release the impact of flooding. We should be encouraging forest development to hold moisture in the uplands.	9/6/2018 1:42 PM
48	adding the bridge from Endwell to Vestal	9/6/2018 10:21 AM
49	n/a	9/5/2018 5:59 PM
50	To drag the Susquehanna River; it MUST be done to help prevent the flooding Vestal has seen near the river.	9/5/2018 5:08 PM
51	Dredge the rivers, OR just get rid of the enormous islands that have grown in the last 50 years	9/5/2018 4:59 PM
52	Dredge the river!!! It's going to continue to rise.	9/5/2018 4:38 PM
53	infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial.	9/5/2018 3:57 PM
54	A bridge from Endwell to Vestal	9/5/2018 3:51 PM
55	Easier access between Endwell and Vestal for emergency vehicles	9/5/2018 3:00 PM
56	Streambank, Creek surveys and erosion mitigation.	9/5/2018 1:50 PM
57	Build a bridge from Endwell to Vestal to shorten the drive especially fr emergency vehicles	9/5/2018 1:49 PM
58	State of emergency should be announced ASAP on all media outlets AND no one should be driving the roads at that time unless emergency personnel or first responders. Recently these warnings are simply stated like a ho-hum occurrence. We were trapped for three days during a March snowstorm and could not get snow removal. Did not know anything about help from national guard or other services since power was out.	9/5/2018 1:12 PM
59	Endwell vestal bridge needs to be built to provide adequate routes to vital services and better emergency service access.	9/5/2018 1:09 PM

Broome County Hazard Mitigation Plan Update - Citizen Survey

60	Bridge between Endwell & Vestal	9/5/2018 12:57 PM
61	A bridge between Endwell and Vestal for Emergency situations	9/5/2018 12:39 PM
62	clean out rivers for better water flow.	9/5/2018 12:26 PM
63	Mitigate flooding damage in urban areas and surrounding communities by enhancing and expanding the flood walls both upstream and down stream.	9/5/2018 12:25 PM
64	Stream maintenance schedule	9/5/2018 12:18 PM
65	Dredge the river. Relocate from flood zones. A bridge from Endwell to Vestal, especially for emergency vehicles to arrive faster.	9/5/2018 12:17 PM
66	bridge between Endwell and Vestal for Emergency situations	9/5/2018 11:55 AM
67	Dredging the Susquehanna	9/4/2018 3:13 PM
68	N/A	9/4/2018 5:10 AM
69	Dredge and clean rivers and streams	9/2/2018 8:03 PM
70	None	9/1/2018 4:26 PM
71	Dredge the rivers and large streams. Stop building on flood plains	9/1/2018 3:33 PM
72	Dredge the choconut	9/1/2018 3:04 PM
73	fix the choconut creek bed in south vestal	9/1/2018 2:05 PM
74	Creek maintence	9/1/2018 1:05 PM
75	Fix creeks	9/1/2018 12:36 PM
76	-	9/1/2018 12:05 PM
77	dont know	8/30/2018 10:56 AM
78	Relief pond upstream, cleaning debris from creek, have a stream maintenance plan	8/29/2018 12:01 PM
79	no	8/27/2018 1:03 PM
80	Clean up our water ways. Dredge?	8/27/2018 8:04 AM
81	Addressing streamand creek flooding	8/27/2018 7:10 AM
82	Managing streams and reinforcing drainage that runs through people's properties.	8/27/2018 7:09 AM
83	regionalize emergency services operations to provide better services in these events	8/27/2018 7:05 AM
84	truly study drainage and do what is necessary	8/27/2018 6:44 AM
85	feds should help fund flood map re-certification	8/24/2018 10:06 AM
86	Being more proactive in clearing debris from ditches/drainage culverts. Perhaps like the "pothole" call in numbers, a number or e-mail to notify officials of drainage issues seen would be helpful.	8/24/2018 9:30 AM
87	New Flood Control and right sizing what we have	8/23/2018 4:32 PM
88	build better flood ways where the river is parallel to the road way and dig down on the streams and creeks, fix poor drainage problems	8/23/2018 12:41 PM
89	work on repair and cleaning of local rural streams and waterways	8/22/2018 5:08 PM

Q24 Do you have any other comments, questions, or concerns regarding hazard mitigation in Broome County?

Answered: 76 Skipped: 125

#	RESPONSES	DATE
1	Things will flood here again, so I truly hope that the county is taking actions to prevent or discourage building or rebuilding in the lowest lying lands.	12/20/2018 9:58 AM
2	waste disposal & land fill plans -possible waste burning facility	11/16/2018 8:12 PM
3	no	10/28/2018 6:53 PM
4	Will we be notified if our property is reclassified to a flood plain?	10/4/2018 7:35 AM
5	no	10/1/2018 7:29 PM
6	No	9/27/2018 1:01 PM
7	No	9/26/2018 11:43 AM
8	When are they going to do something about choconut creek? We understand they are replacing the juneberry bridge and making the creek wider, which will make the flooding worse further down. Will anyone listen? No!	9/23/2018 7:48 PM
9	no	9/23/2018 2:13 PM
10	No	9/21/2018 6:13 AM
11	City of Binghamton probably has the most capacity and capability to be progressive in flood protection, but they are doing nothing to protect residents and businesses.	9/20/2018 10:21 AM
12	Where do i find out what mitigation is being implemented.	9/19/2018 10:12 PM
13	Yes, just curious as to how much money that is allotted actually goes into the mitigation of creeks and rivers! What do residents have to do to have their voices heard?? We have to live with the financial, emotional, and physical hardships in the aftermath. And always the fear in the back of our minds of not if flooding will occur again but when?	9/19/2018 9:20 AM
14	I think we do very well with notifications, it's the prep of creek beds, sewers and drainage ditches that need concentrated maintenance.	9/19/2018 9:14 AM
15	Develop a plan and start initiating it	9/18/2018 8:04 PM
16	The County GIS site has been extremely informative and helpful	9/18/2018 11:50 AM
17	DEC , State, and local govts have to work together. better education on how we all can participate to make it better	9/18/2018 9:51 AM
18	Alot of the bridges are old and concern me, especially during heavy rains.	9/18/2018 8:01 AM
19	no	9/18/2018 7:28 AM
20	spend more money on maintenance & less on development	9/17/2018 9:13 PM
21	We need help	9/17/2018 7:10 PM
22	No	9/17/2018 7:09 PM
23	No	9/17/2018 6:08 PM
24	No	9/17/2018 4:59 PM
25	Climate change means that the situation is going to get worse, not better. We need to be better prepared.	9/17/2018 4:45 PM
26	A detailed survey of radon levels in Broome County.	9/17/2018 4:29 PM
27	No	9/17/2018 4:12 PM

Broome County Hazard Mitigation Plan Update - Citizen Survey

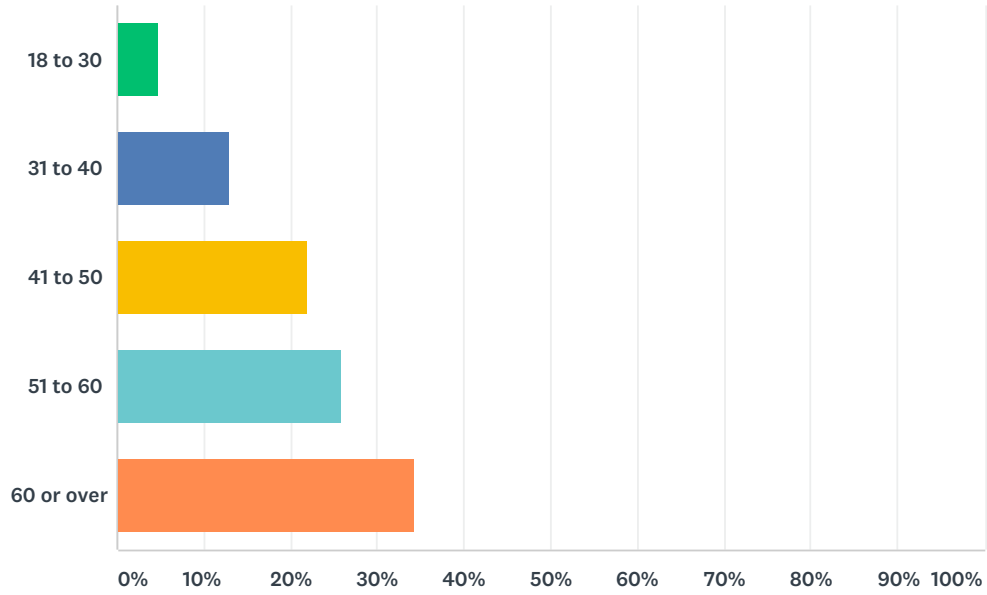
28	Concern is that nothing meaningful will be done	9/17/2018 3:14 PM
29	They should clean out the rivers along with the heroin addicts	9/17/2018 2:44 PM
30	Just that the streets I listed get fixed.	9/17/2018 12:46 PM
31	DREDGE THE RIVER	9/17/2018 11:05 AM
32	Dredge the rivers to help handle water flow and compacity	9/9/2018 6:39 PM
33	HELP. Stop talking about and do something. Pell off the layers of bureaucracy and do something. What I and my neighbors have come to realize is the the town of Vestal may very well end up with a bunch of derelict houses.	9/9/2018 3:10 PM
34	Is there a place where residents can see a list of current hazard mitigation projects?	9/7/2018 11:12 AM
35	no	9/7/2018 11:09 AM
36	Find and train volenteers to do stream maintenance, loan equipment	9/7/2018 6:10 AM
37	no	9/7/2018 12:45 AM
38	The County needs to stop waffling when it comes to addressing the impacts to the watersheds that exist in the County.	9/6/2018 4:54 PM
39	The "flood control" berm on Bayless Ck behind 108 Park Ave changed the groundwater flow so that house along Park Ck on that block all had to be pumped out by the fire dept. 108 nevwvr flooded before 2017 and now has flooded twice. Thanks to DEC's berm 108 Park Ave is screwed.	9/6/2018 4:01 PM
40	I live right off the southern end of Hooper Road, which is where a proposed bridge has been sugested to connect Endwell and Vestal. With past floodings I have been isolated and hae had to "travel the hills" in order to come and go from my home. Although I have not had my home flooded, I am concerned about emergency response to my home when we have this severs flooding. A bridge would certaining help in these situations.	9/6/2018 4:00 PM
41	no	9/6/2018 3:43 PM
42	No	9/6/2018 1:42 PM
43	n/a	9/5/2018 5:59 PM
44	No	9/5/2018 5:08 PM
45	Do something!!!!	9/5/2018 4:59 PM
46	The river is such a focal point for this area as well as streams and creeks. It cannot be ignored that something needs to be done. It's only going to get worse with the weather changing and our infrastructure declining we will only see more problems. It's time to do something, not wait 5 or 10 years.	9/5/2018 4:38 PM
47	no	9/5/2018 4:00 PM
48	infrastructure improvements with an added emergency route across the river from Endwell to Vestal would be beneficial.	9/5/2018 3:57 PM
49	Broome county needs to assess and correct issues affecting homeowners, the community and not pass it on. Especially in the aftermath of exceptional devastating disasters in the wake of storms.	9/5/2018 1:50 PM
50	Spend wisely	9/5/2018 1:49 PM
51	None	9/5/2018 12:57 PM
52	nope	9/5/2018 12:39 PM
53	no	9/5/2018 12:26 PM
54	Better response to snow removal within the City of Binghamton	9/5/2018 12:25 PM
55	This community fails to invest in necessary infrastructure.	9/4/2018 3:13 PM
56	N/A	9/4/2018 5:10 AM
57	No	9/2/2018 8:03 PM
58	No	9/1/2018 4:26 PM

Broome County Hazard Mitigation Plan Update - Citizen Survey

59	DREDGE THE RIVERS. Keep flood plains from being developed. Upgrade power grid and wastewater mgt	9/1/2018 3:33 PM
60	Dredge the choconut, or let me do it	9/1/2018 3:04 PM
61	fix the choconut creek in south vestal	9/1/2018 2:05 PM
62	Why hasn't choconut creek and state line creek not have any surveys done to direct how to correct the issue? We always flood	9/1/2018 1:05 PM
63	-	9/1/2018 12:05 PM
64	Broome should be doing some credible climate change/global warming mitigation - such as encouraging strongly the reduction is use and development of fossil fuels.	8/30/2018 10:56 AM
65	Wish someone would help our neighborhood as vestal wont	8/29/2018 12:01 PM
66	no	8/27/2018 3:36 PM
67	no	8/27/2018 1:03 PM
68	Country roads and drainage not being maintained	8/27/2018 7:10 AM
69	Na	8/27/2018 7:09 AM
70	our community needs help. every time it rains hard we are all impacted	8/27/2018 6:44 AM
71	keep breaking down intermunicipal barriers to communication and sharing services in emergencies	8/24/2018 10:06 AM
72	Overall I think we have a good response for our "routine" crisis, like floods, blizzards and small brush fires. Our communications for things like tornado warnings and so forth could be improved, but they are so infrequent in our area I am not positive people would respond properly anyway.	8/24/2018 9:30 AM
73	no	8/23/2018 4:32 PM
74	no	8/23/2018 12:41 PM
75	No	8/23/2018 10:02 AM
76	no	8/22/2018 5:08 PM

Q25 Please indicate your age range:

Answered: 146 Skipped: 55



ANSWER CHOICES	RESPONSES	
18 to 30	4.79%	7
31 to 40	13.01%	19
41 to 50	21.92%	32
51 to 60	26.03%	38
60 or over	34.25%	50
TOTAL		146



D.2 Stakeholder Surveys

In addition to collecting information from residents of Broome 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.

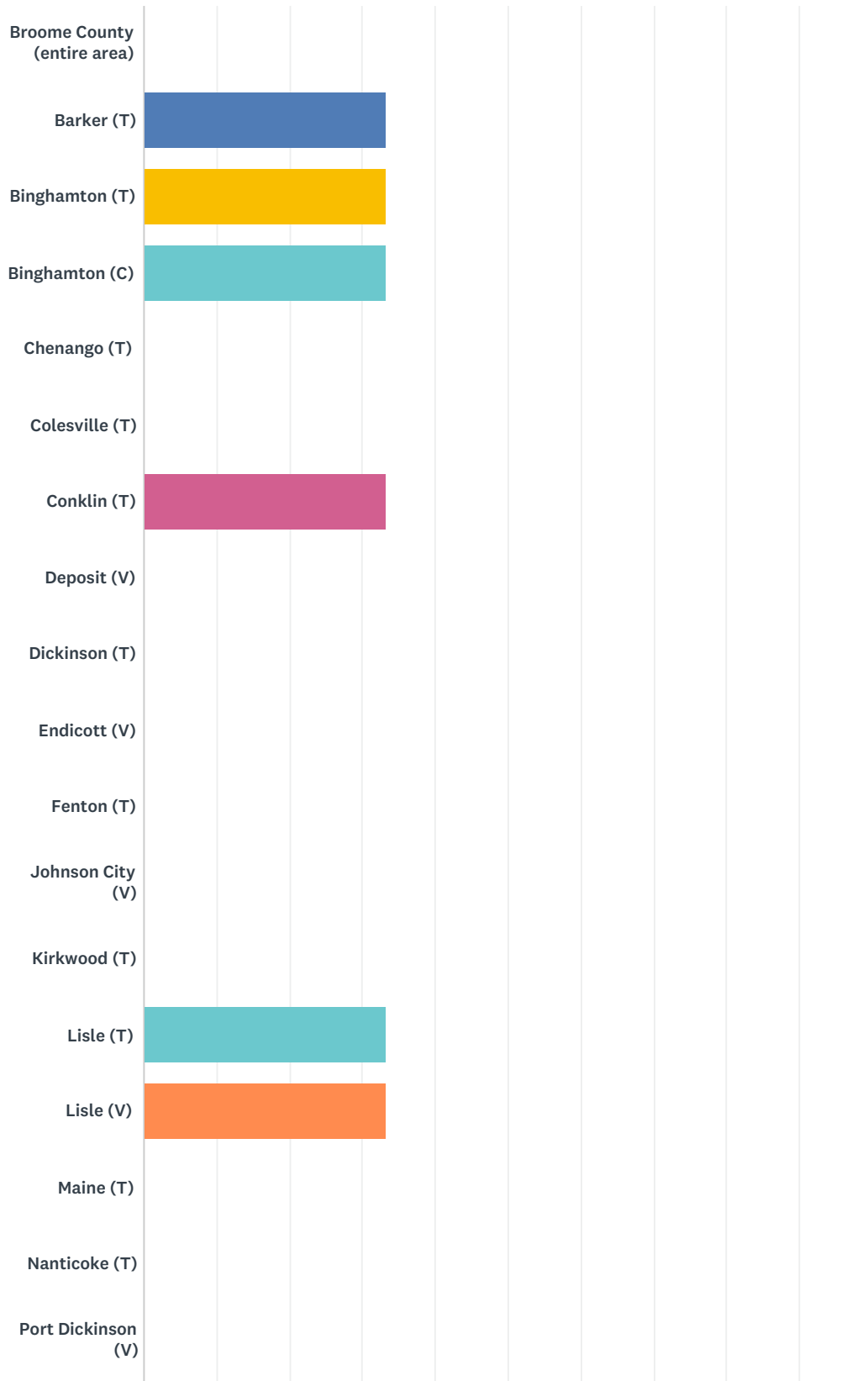
Q1 Name of your Academic Institution (school, district, higher education institution):

Answered: 3 Skipped: 0

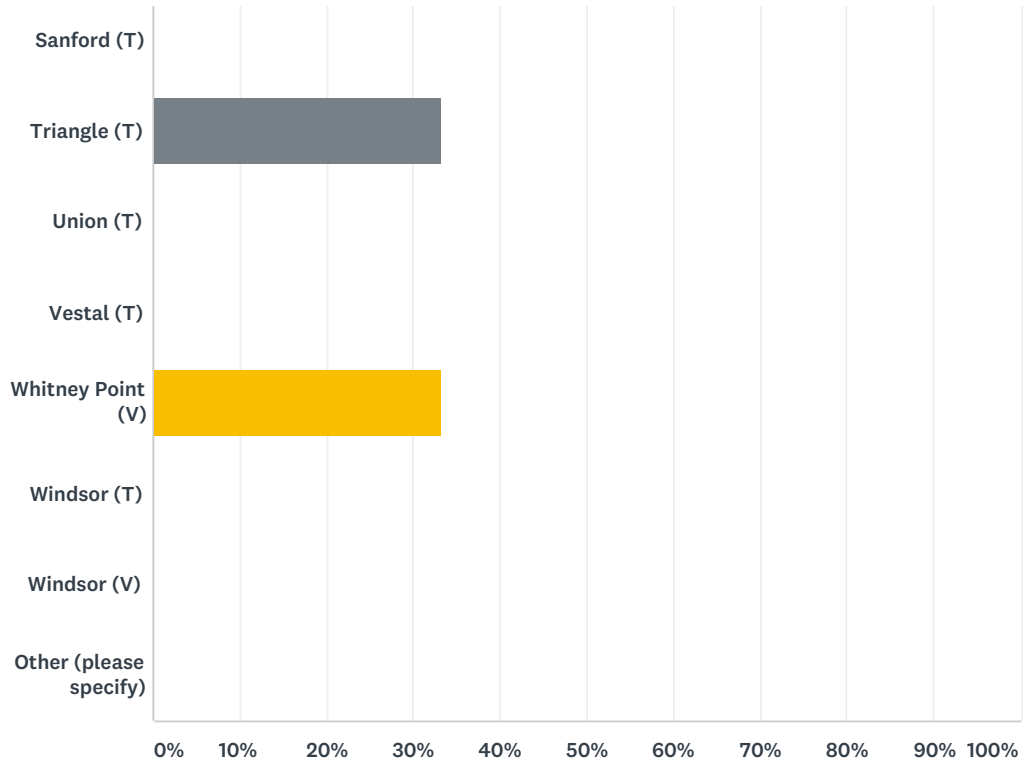
#	RESPONSES	DATE
1		9/13/2018 1:38 PM
2		8/21/2018 1:29 PM
3		8/21/2018 1:09 PM

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

Answered: 3 Skipped: 0



Broome County Hazard Mitigation Plan Update - Academia Survey



ANSWER CHOICES	RESPONSES	
Broome County (entire area)	0.00%	0
Barker (T)	33.33%	1
Binghamton (T)	33.33%	1
Binghamton (C)	33.33%	1
Chenango (T)	0.00%	0
Colesville (T)	0.00%	0
Conklin (T)	33.33%	1
Deposit (V)	0.00%	0
Dickinson (T)	0.00%	0
Endicott (V)	0.00%	0
Fenton (T)	0.00%	0
Johnson City (V)	0.00%	0
Kirkwood (T)	0.00%	0
Lisle (T)	33.33%	1
Lisle (V)	33.33%	1
Maine (T)	0.00%	0
Nanticoke (T)	0.00%	0
Port Dickinson (V)	0.00%	0

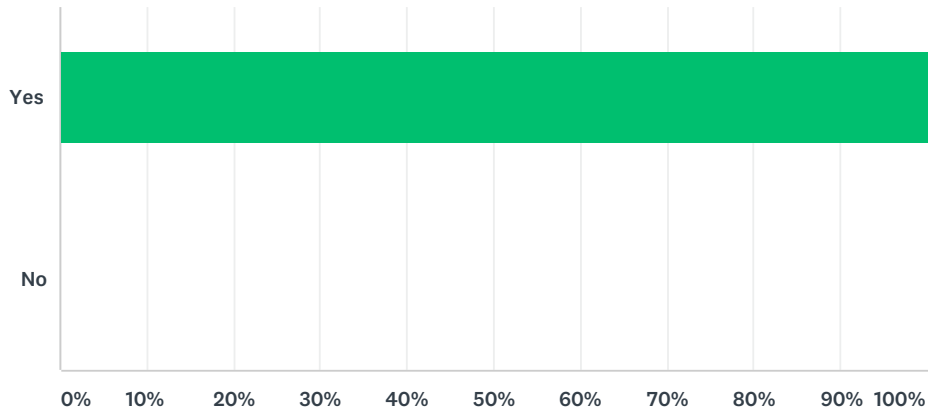
Broome County Hazard Mitigation Plan Update - Academia Survey

Sanford (T)	0.00%	0
Triangle (T)	33.33%	1
Union (T)	0.00%	0
Vestal (T)	0.00%	0
Whitney Point (V)	33.33%	1
Windsor (T)	0.00%	0
Windsor (V)	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 3		

#	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: 2 Skipped: 1

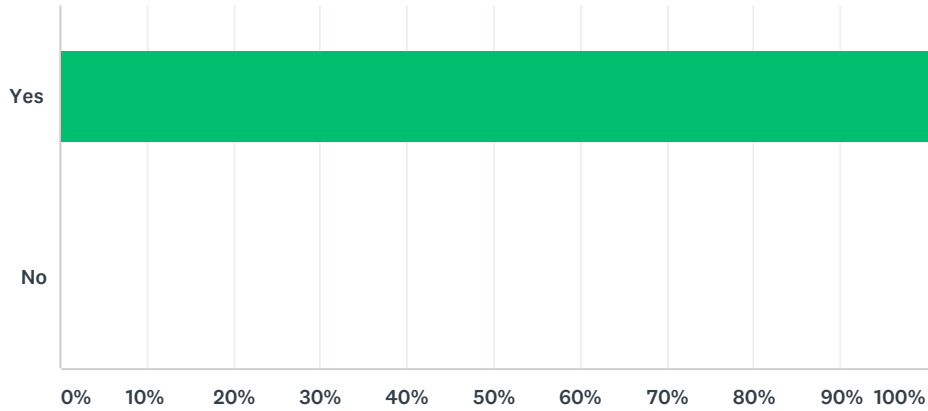


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
TOTAL		2

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
1	Closed for a few days after flood of September 2011 .	8/21/2018 1:29 PM
2	Area floods have directly impact our facilities	8/21/2018 1:09 PM

Q4 Do your facilities provide sheltering services during hazard events?

Answered: 2 Skipped: 1

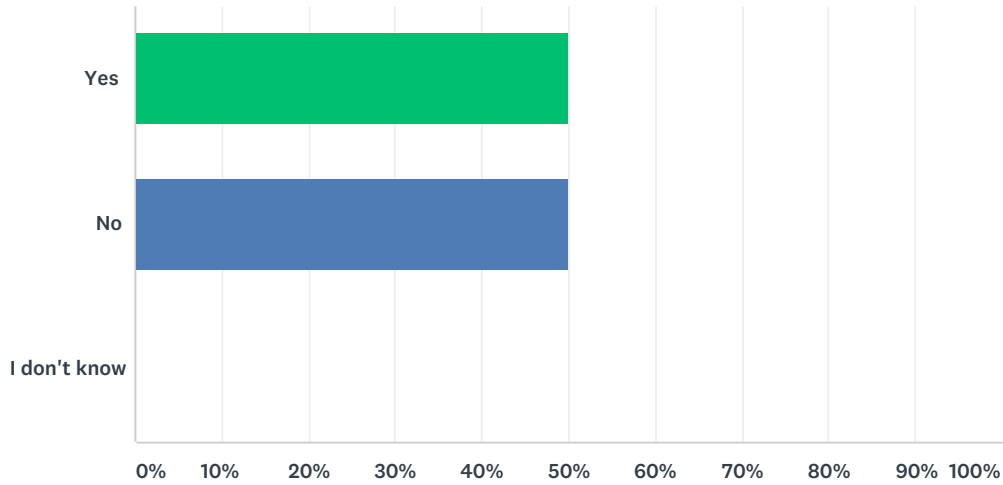


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
TOTAL		2

#	IF YOU ANSWERED "YES", PLEASE INDICATE THOSE SERVICES THAT YOU ARE CAPABLE OF PROVIDING.	DATE
1	Red Cross shelter	8/21/2018 1:29 PM
2	Each school gym and cafeteria is capable of supporting area families.	8/21/2018 1:09 PM

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: 2 Skipped: 1

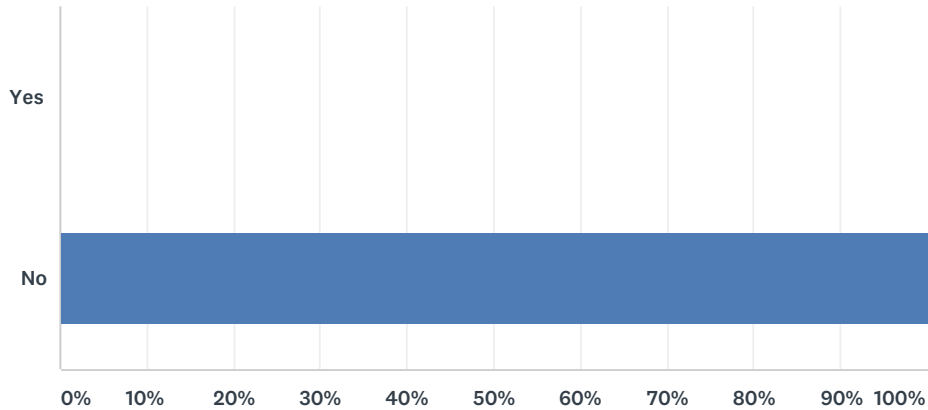


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	50.00% 1
I don't know	0.00% 0
TOTAL	2

#	PLEASE EXPLAIN	DATE
1	No back up power	8/21/2018 1:29 PM

Q6 If your facility 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: 1 Skipped: 2



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

#	PLEASE EXPLAIN	DATE
1	No generators at our schools	8/21/2018 1:29 PM

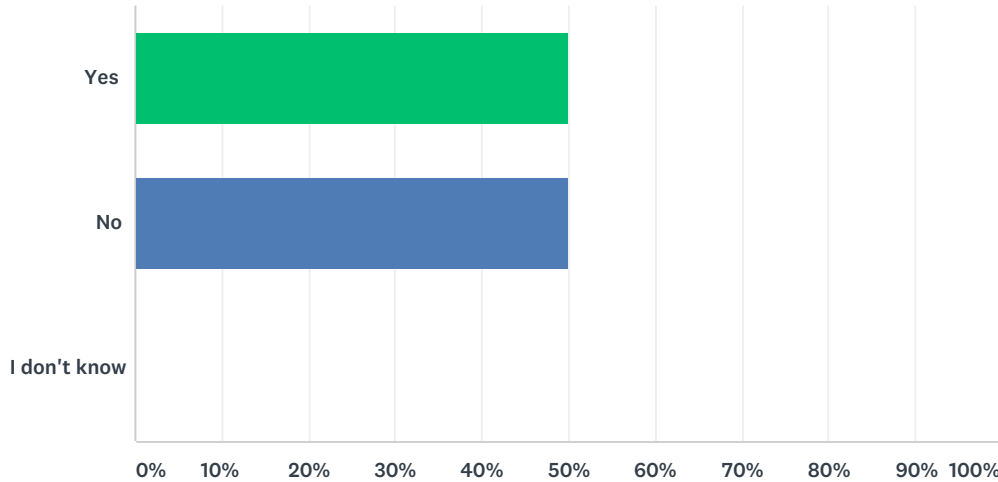
Q7 If you answered yes to the question above, what is the capacity of the shelter?

Answered: 0 Skipped: 3

#	RESPONSES	DATE
	There are no responses.	

Q8 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: 2 Skipped: 1

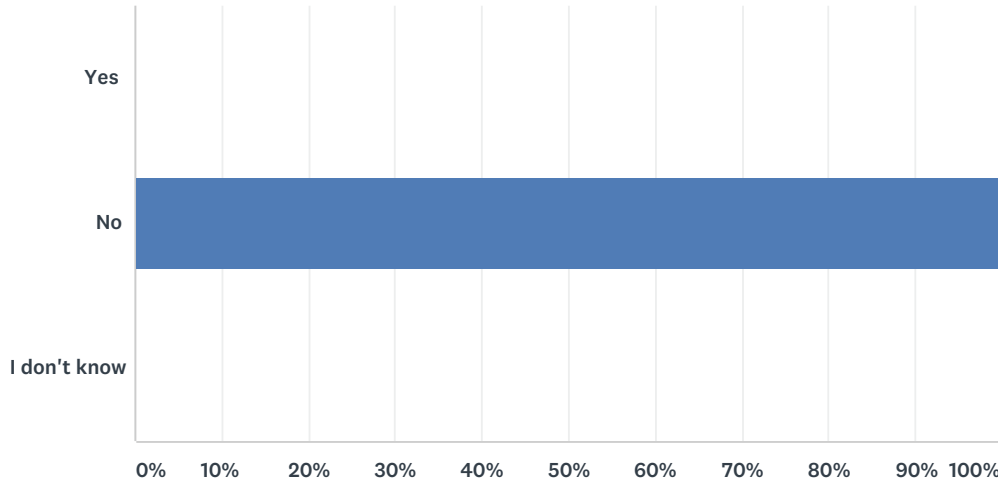


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	50.00% 1
I don't know	0.00% 0
TOTAL	2

#	PLEASE EXPLAIN	DATE
1	They are structurally sound for the most part .	8/21/2018 1:30 PM
2	Court street is problematic, along with families who rent and are not aware of their rights and the responsibilities of landlords during natural disasters.	8/21/2018 1:09 PM

Q9 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: 2 Skipped: 1

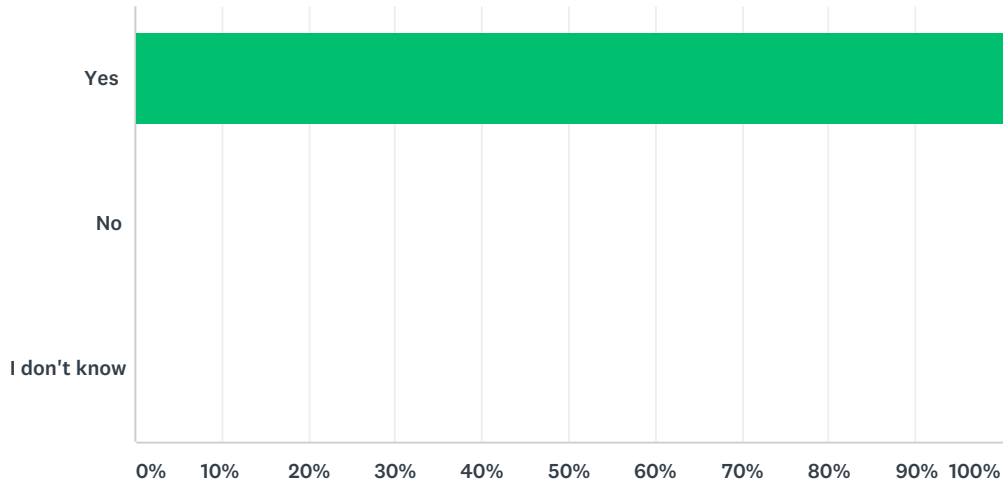


ANSWER CHOICES	RESPONSES	
Yes	0.00%	0
No	100.00%	2
I don't know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
1	Underground telephone lines are a constant problem when flooding occurs	8/21/2018 1:32 PM

Q10 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: 2 Skipped: 1

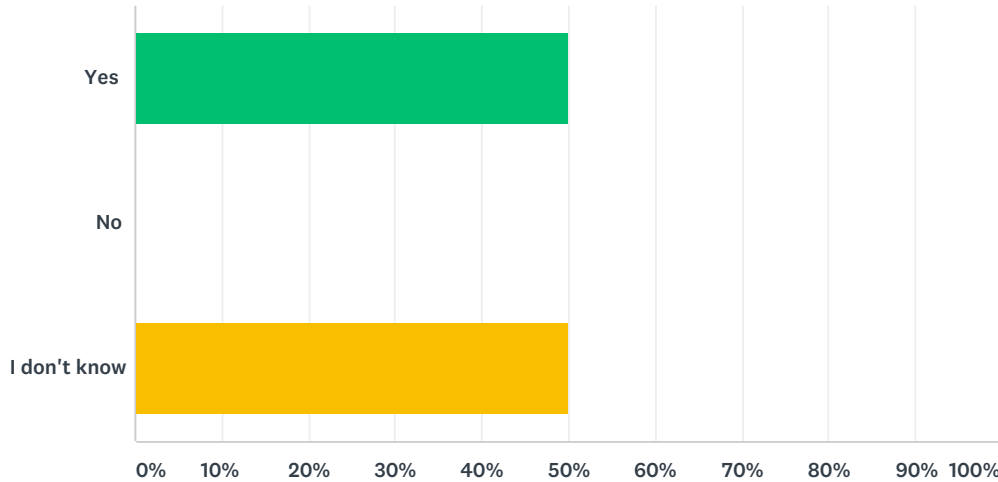


ANSWER CHOICES	RESPONSES	
Yes	100.00%	2
No	0.00%	0
I don't know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
1	Emergency notifications are timely .	8/21/2018 1:32 PM
2	Eyes on the road are highly dependent on police department rather than city roadway department	8/21/2018 1:12 PM

Q11 Do you believe that emergency response planning, services, and equipment are capable of managing and responding properly to disasters in your community?

Answered: 2 Skipped: 1

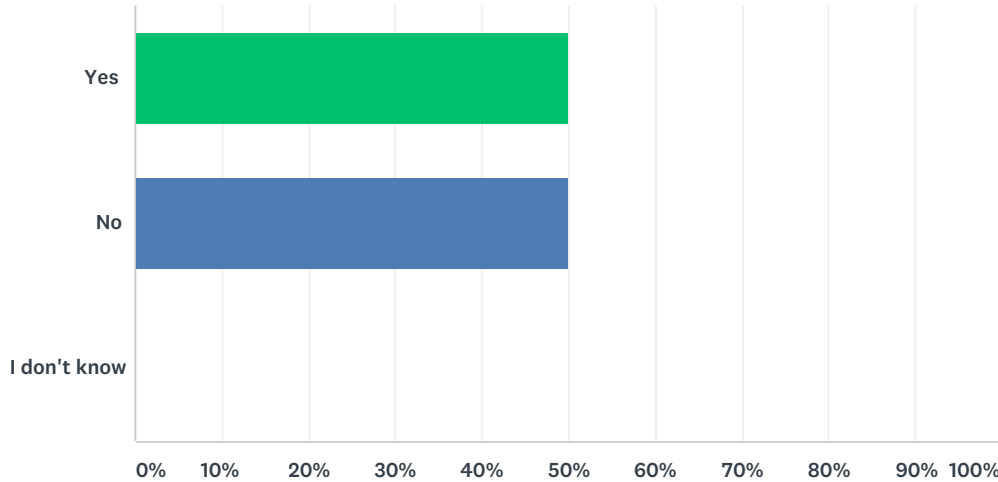


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	0.00% 0
I don't know	50.00% 1
TOTAL	2

#	PLEASE EXPLAIN	DATE
1	Concern for residents	8/21/2018 1:12 PM

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

Answered: 2 Skipped: 1

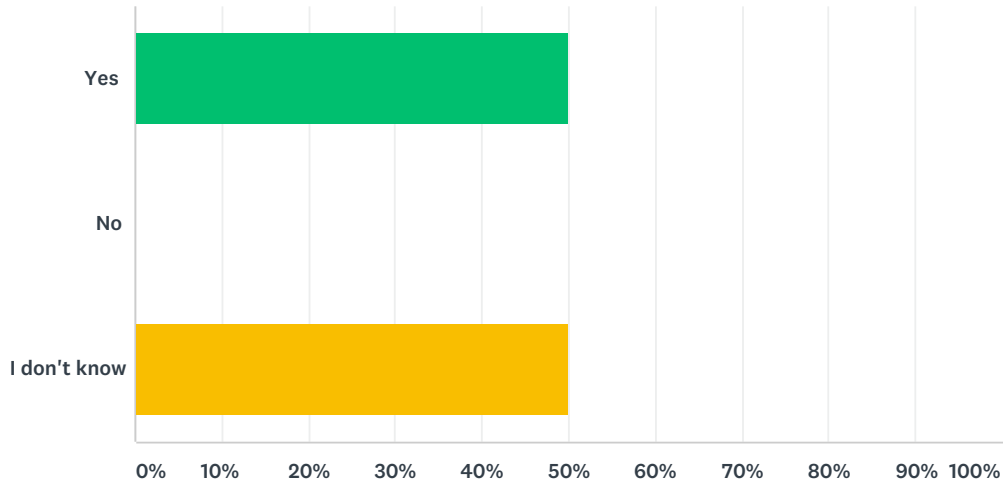


ANSWER CHOICES	RESPONSES	
Yes	50.00%	1
No	50.00%	1
I don't know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q13 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: 2 Skipped: 1



ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	0.00% 0
I don't know	50.00% 1
TOTAL	2

#	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: 2

#	RESPONSES	DATE
1	Multiple emergency response plans . Facility committees . Insurance inspections , etc.	8/21/2018 1:35 PM

Q15 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.	

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

Answered: 0 Skipped: 3

#	RESPONSES	DATE
	There are no responses.	

Q17 Name of Respondent:

Answered: 1 Skipped: 2

#	RESPONSES	DATE
1		8/21/2018 1:35 PM

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

Answered: 1 Skipped: 2

#	RESPONSES	DATE
1		8/21/2018 1:35 PM

Q1 Name of Business

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1		9/12/2018 10:54 AM
2		8/24/2018 10:50 PM

Q2 Type of Business

Answered: 1 Skipped: 1

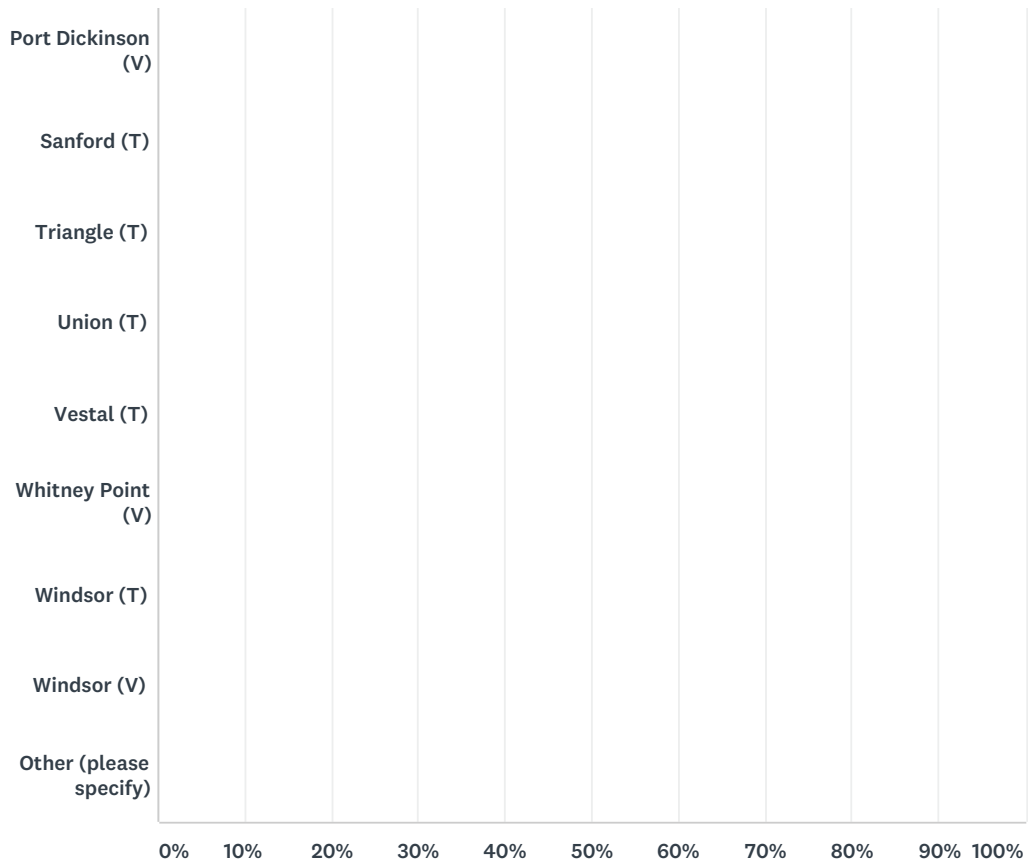
#	RESPONSES	DATE
1	WHOLESALE DISTRIBUTOR	8/24/2018 10:50 PM

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 "Broome County (entire area)" if your service area is county-wide:

Answered: 2 Skipped: 0



Broome County Hazard Mitigation Plan Update - Business and Commerce Survey



ANSWER CHOICES	RESPONSES	
Broome County (entire area)	50.00%	1
Barker (T)	0.00%	0
Binghamton (T)	0.00%	0
Binghamton (C)	50.00%	1
Chenango (T)	0.00%	0
Colesville (T)	0.00%	0
Conklin (T)	0.00%	0
Deposit (V)	0.00%	0
Dickinson (T)	0.00%	0
Endicott (V)	0.00%	0
Fenton (T)	0.00%	0
Johnson City (V)	0.00%	0
Kirkwood (T)	50.00%	1
Lisle (T)	0.00%	0
Lisle (V)	0.00%	0
Maine (T)	0.00%	0

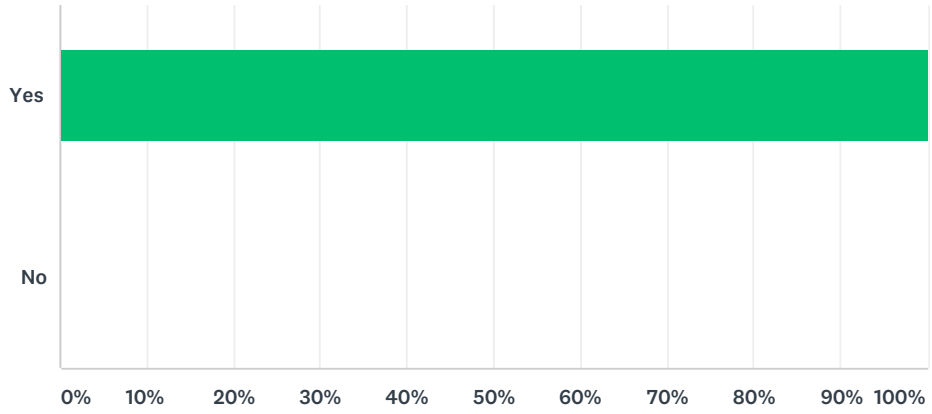
Broome County Hazard Mitigation Plan Update - Business and Commerce Survey

Nanticoke (T)	0.00%	0
Port Dickinson (V)	0.00%	0
Sanford (T)	0.00%	0
Triangle (T)	0.00%	0
Union (T)	0.00%	0
Vestal (T)	0.00%	0
Whitney Point (V)	0.00%	0
Windsor (T)	0.00%	0
Windsor (V)	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 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: 1 Skipped: 1



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

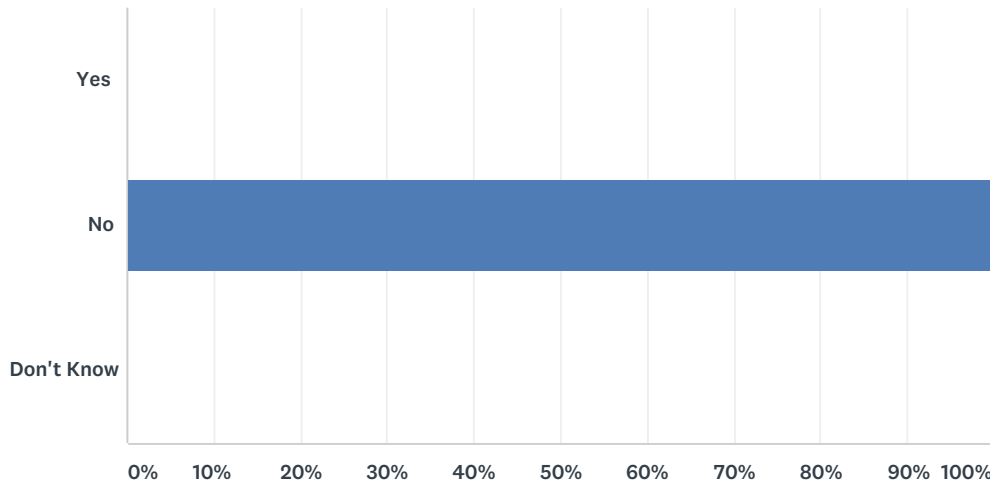
Q5 If you answered "YES," please identify the events and provide a brief description of the damages or loss of service.

Answered: 1 Skipped: 1

#	RESPONSES	DATE
1	FLOOD 2006, FLOOD 2011	8/24/2018 10:50 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: 1 Skipped: 1

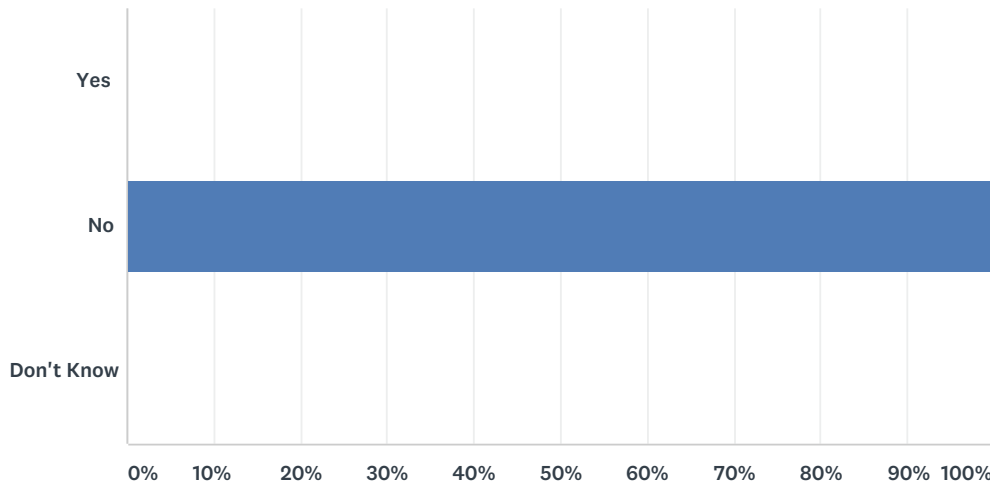


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	KIRKWOOD FACILITY IS ON THE RIVER; FLOODED TWICE	8/24/2018 10:55 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: 1 Skipped: 1

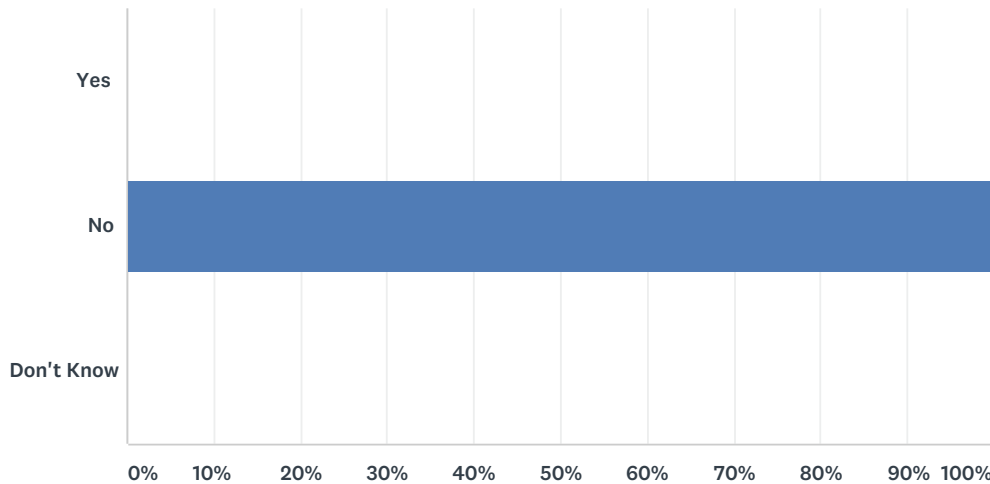


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	LOUGHLIN ROAD HAS HAD BRIDGES WASHED OUT TWICE DUE TO FLASH FLOODING	8/24/2018 10:55 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: 1 Skipped: 1

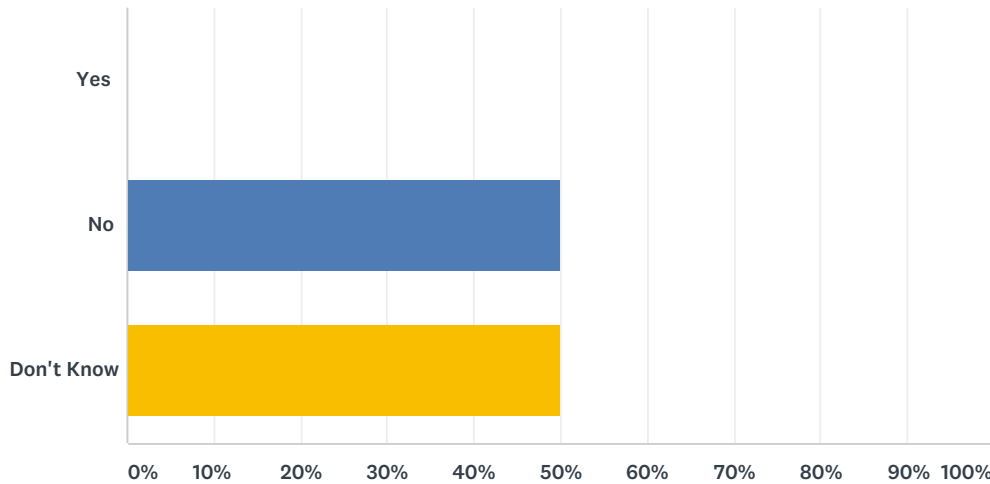


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	KIRKWOOD FACILITY HAS ONE PHONE LINE, ONLY ONE CABLE COMPANY FOR ELECTRONICS	8/24/2018 10:55 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: 2 Skipped: 0

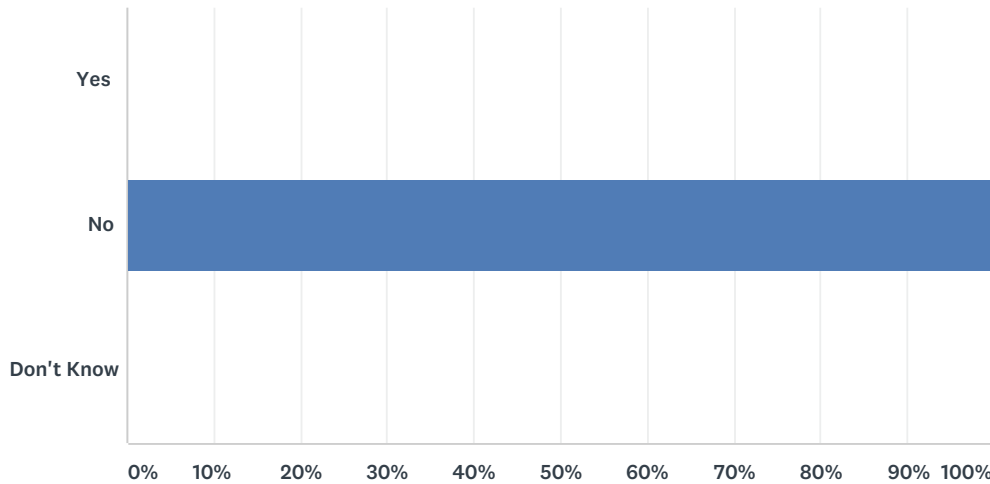


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	50.00% 1
Don't Know	50.00% 1
TOTAL	2

#	PLEASE EXPLAIN	DATE
1	There should be NO building, re-building, development, or any commercial activity in a designated flood zone. PERIOD.	9/12/2018 10:59 AM

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: 1 Skipped: 1

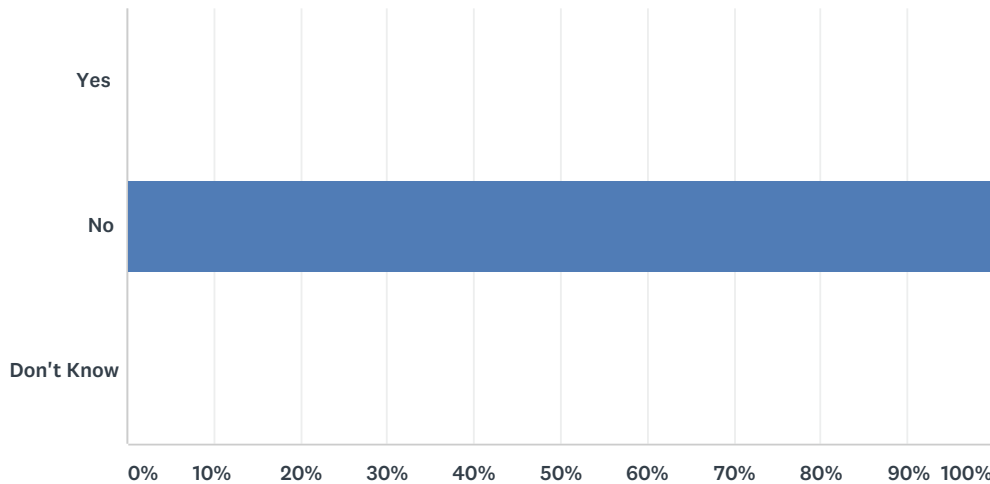


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	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: 1 Skipped: 1

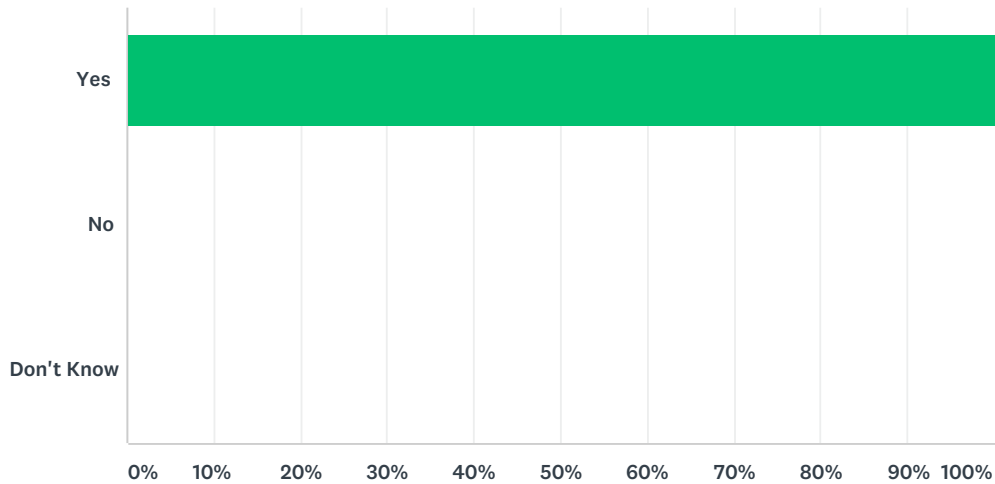


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	INFORMATION IS NOT READILY AVAILABLE UNLESS A DISASTER HAS JUST OCCURRED	8/24/2018 10:55 PM

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: 1 Skipped: 1

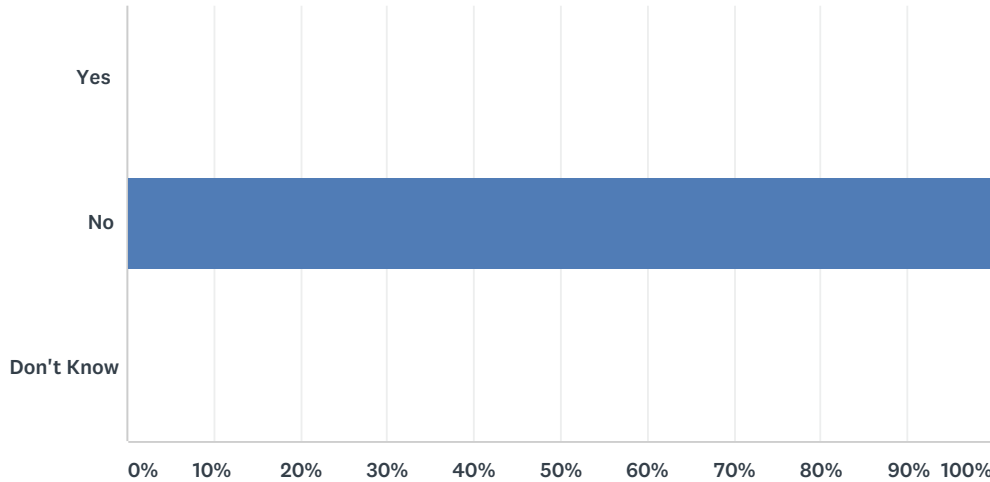


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
Don't Know	0.00%	0
TOTAL		1

#	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

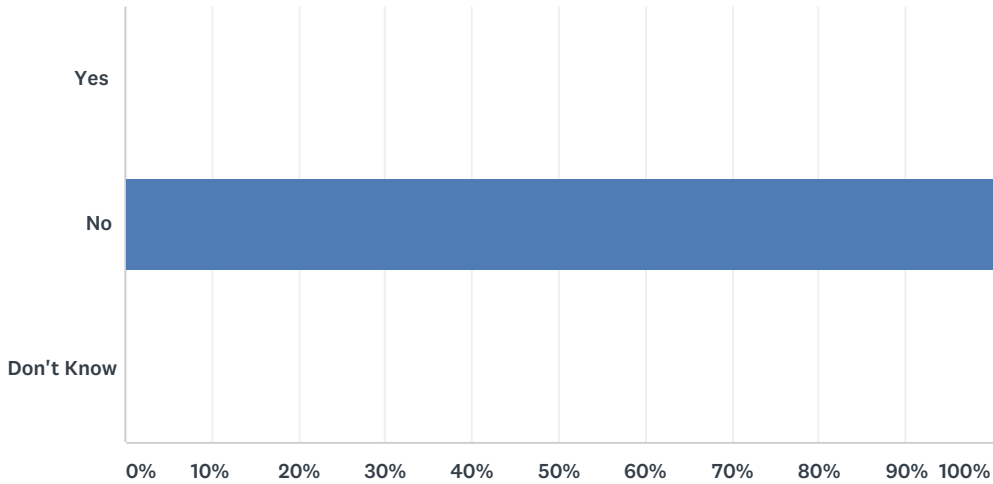


ANSWER CHOICES	RESPONSES	
Yes	0.00%	0
No	100.00%	2
Don't Know	0.00%	0
TOTAL		2

#	PLEASE EXPLAIN	DATE
1	What has been done since 2011 to address and help mitigate future events? Why does there have to be SO much red tape to dredge rivers, clean out creeks, etc. This is common sense prevention that needs to be done periodically w/o government interference. Why can't some of the islands be removed from the rivers (i.e. Upper Front St. area)??	9/12/2018 10:59 AM
2	SMALLER TOWNSHIPS DON'T HAVE THE RESOURCES AND RELY ON THE COUNTY	8/24/2018 10:55 PM

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: 1 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	0.00%	0
No	100.00%	1
Don't Know	0.00%	0
TOTAL		1

#	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	REORGANIZED FACILITIES TO PREVENT DAMAGE TO INVENTORY; ADDED GENERATOR TO KIRKWOOD FACILITY	8/24/2018 10:57 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	DREDGE THE RIVER; STREAMS TO PREVENT FURTHER DAMAGE	8/24/2018 10:57 PM

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

Answered: 1 Skipped: 1

#	RESPONSES	DATE
1	What about the possibility of constructing another dam and/or reservoir on any of the rivers; similar to what was done in Whitney Point?	9/12/2018 11:02 AM

Q18 Name of Respondent

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1		9/12/2018 11:02 AM
2		8/24/2018 10:57 PM

Q19 Contact information (email address or phone number) optional

Answered: 2 Skipped: 0

#	RESPONSES	DATE
1		9/12/2018 11:02 AM
2		8/24/2018 10:57 PM

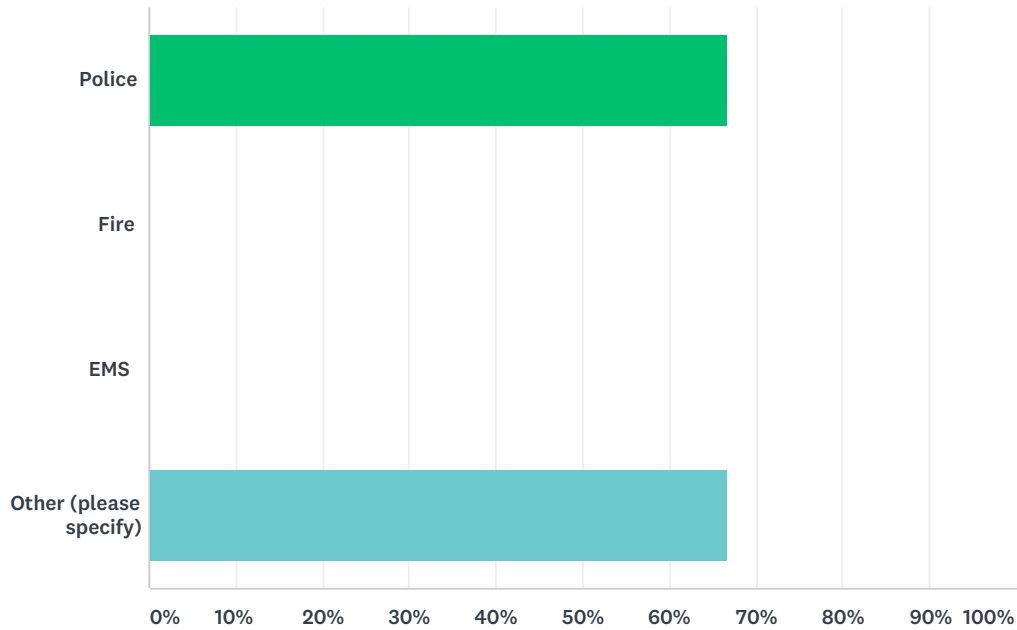
Q1 Name of your department, district, or agency:

Answered: 3 Skipped: 0

#	RESPONSES	DATE
1		8/22/2018 8:38 AM
2		8/21/2018 8:32 AM
3		8/21/2018 7:58 AM

Q2 Type of services your department provides:

Answered: 3 Skipped: 0

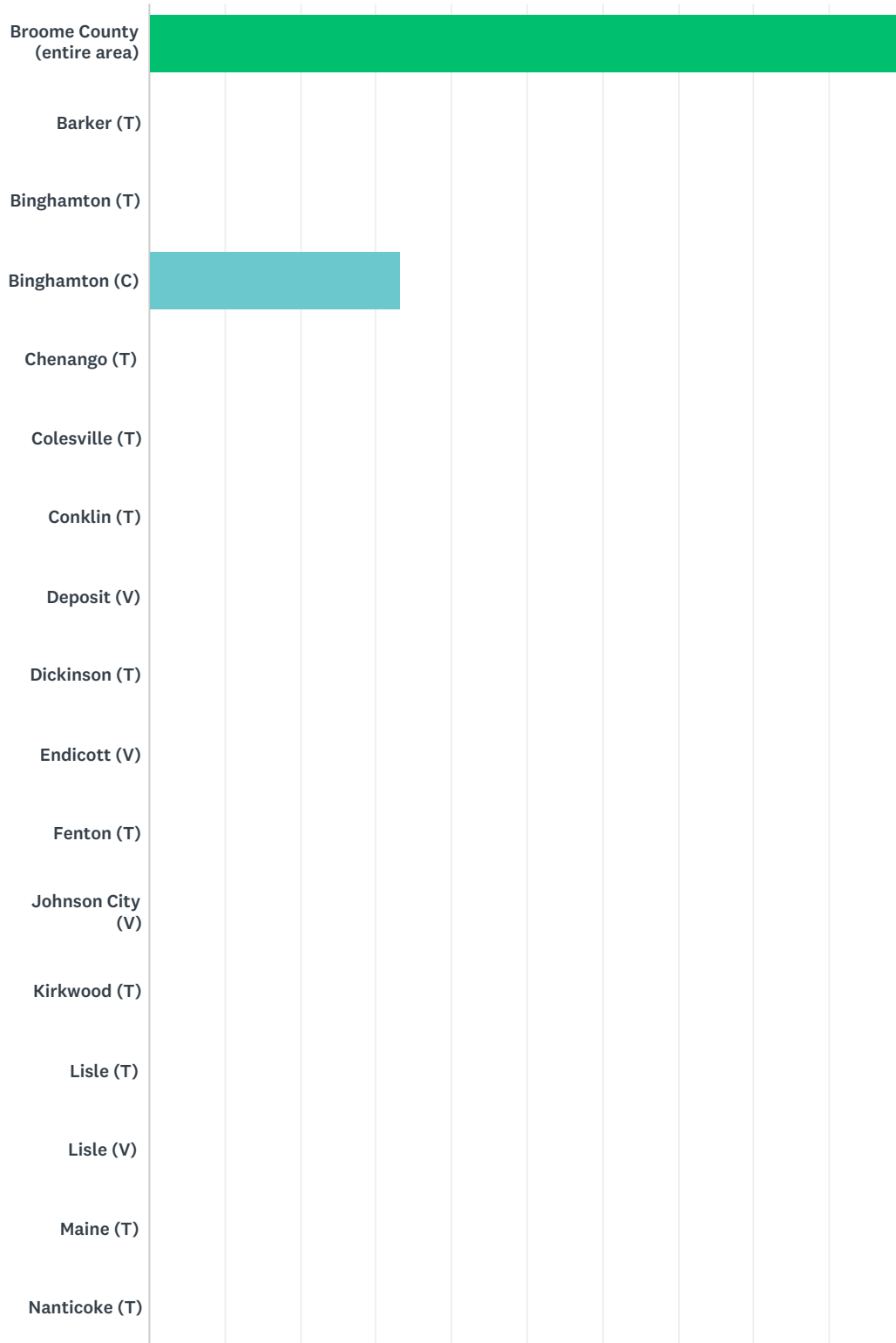


ANSWER CHOICES	RESPONSES
Police	66.67% 2
Fire	0.00% 0
EMS	0.00% 0
Other (please specify)	66.67% 2
Total Respondents: 3	

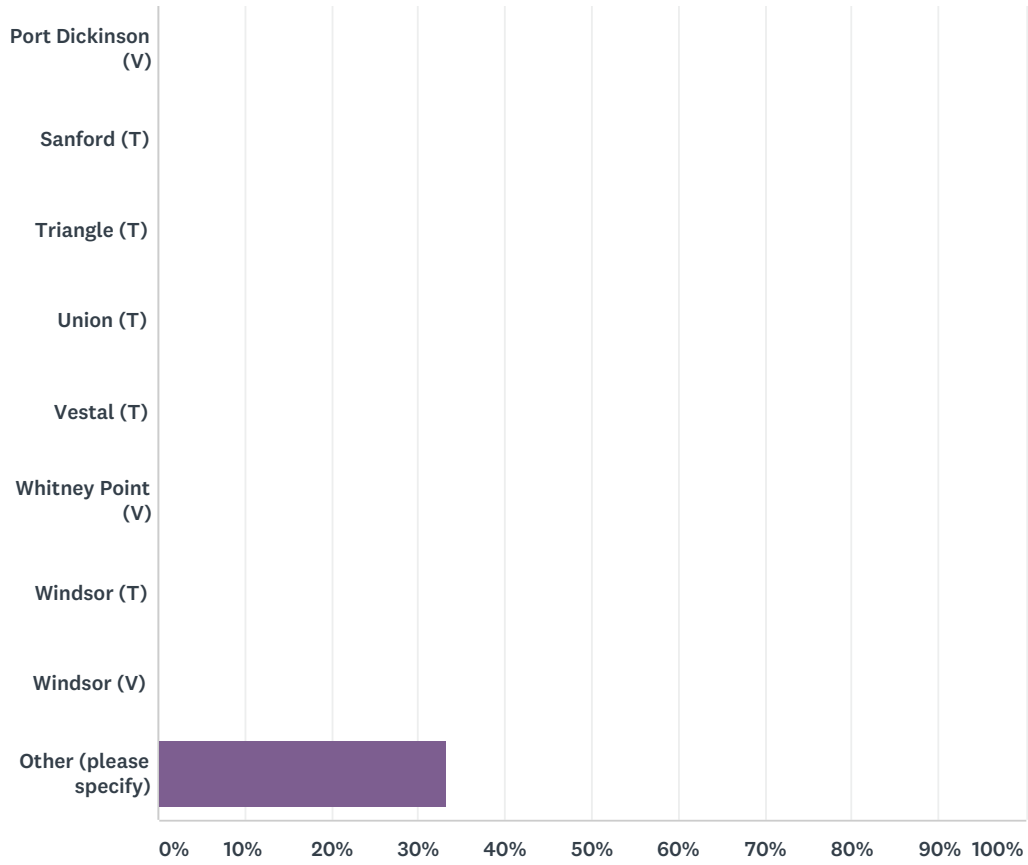
#	OTHER (PLEASE SPECIFY)	DATE
1	Corrections	8/22/2018 8:38 AM
2	Hazardous Material Team	8/21/2018 7:58 AM

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 "Broome County (entire area)" if your service area is county-wide:

Answered: 3 Skipped: 0



Broome County Hazard Mitigation Plan Update - Emergency Services Survey



ANSWER CHOICES	RESPONSES	
Broome County (entire area)	100.00%	3
Barker (T)	0.00%	0
Binghamton (T)	0.00%	0
Binghamton (C)	33.33%	1
Chenango (T)	0.00%	0
Colesville (T)	0.00%	0
Conklin (T)	0.00%	0
Deposit (V)	0.00%	0
Dickinson (T)	0.00%	0
Endicott (V)	0.00%	0
Fenton (T)	0.00%	0
Johnson City (V)	0.00%	0
Kirkwood (T)	0.00%	0
Lisle (T)	0.00%	0
Lisle (V)	0.00%	0
Maine (T)	0.00%	0

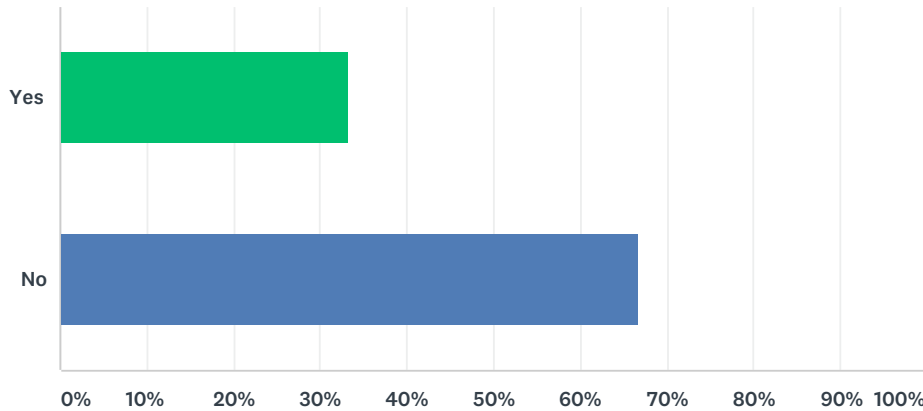
Broome County Hazard Mitigation Plan Update - Emergency Services Survey

Nanticoke (T)	0.00%	0
Port Dickinson (V)	0.00%	0
Sanford (T)	0.00%	0
Triangle (T)	0.00%	0
Union (T)	0.00%	0
Vestal (T)	0.00%	0
Whitney Point (V)	0.00%	0
Windsor (T)	0.00%	0
Windsor (V)	0.00%	0
Other (please specify)	33.33%	1
Total Respondents: 3		

#	OTHER (PLEASE SPECIFY)	DATE
1	We patrol campus, but receive patients from nearby counties.	8/21/2018 8:32 AM

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

Answered: 3 Skipped: 0

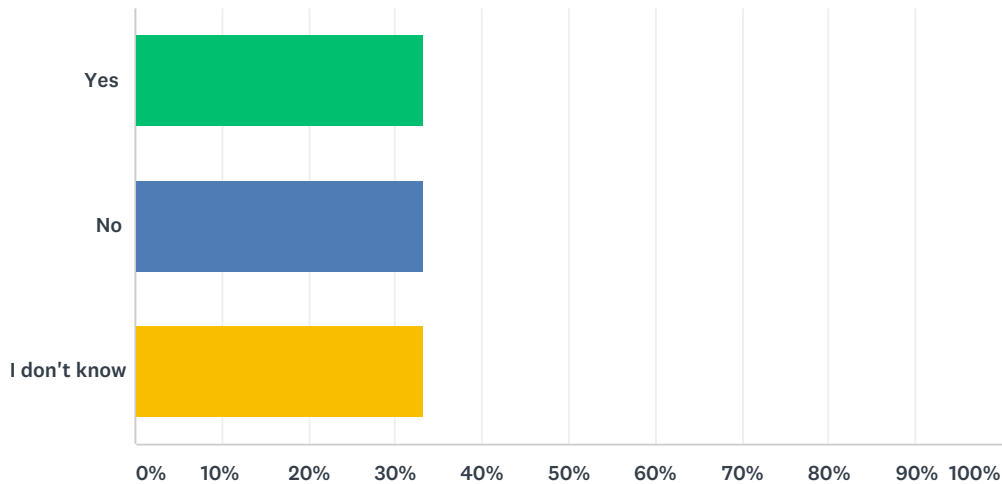


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	66.67% 2
TOTAL	3

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
1	Flooding on Court Street and to an extent Robinson Street impacted employees getting to and leaving work.	8/21/2018 8:32 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: 3 Skipped: 0

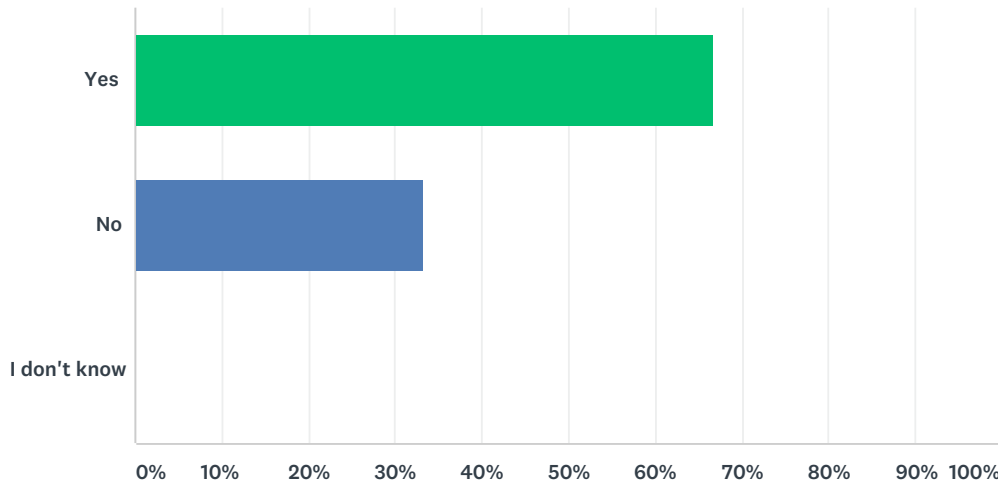


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	33.33% 1
I don't know	33.33% 1
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	During major flooding events, some were damaged.	8/22/2018 8:38 AM
2	I know the Greater Binghamton Health Center is in an excellent location, well constructed, and has adequate back up power. I cannot speak for other facilities.	8/21/2018 8:32 AM
3	This is a hard question to answer, it depends on the type of disaster.	8/21/2018 7:58 AM

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: 3 Skipped: 0

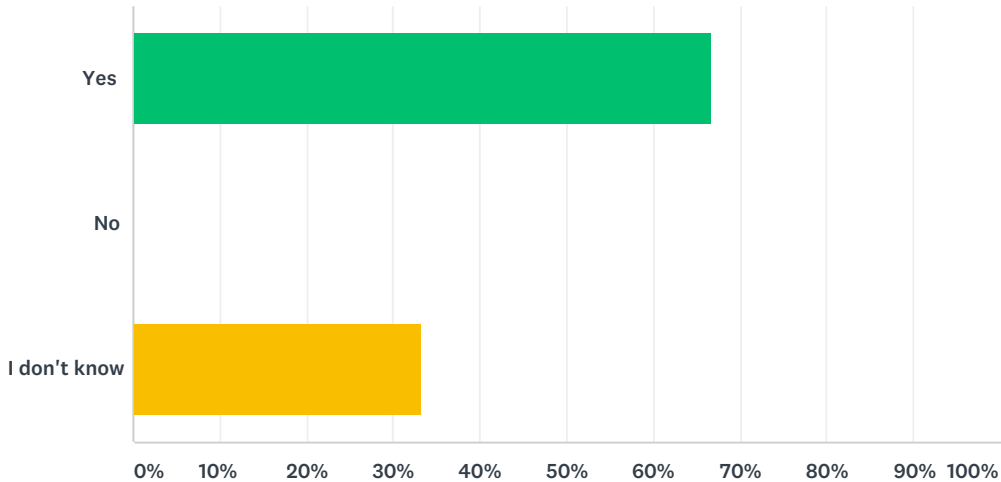


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
I don't know	0.00% 0
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	Court Street floods easily eliminating once point of access, also Robinson Street near Brandywine Hwy has a dip under a Railroad Bridge that floods without much effort eliminating another access route.	8/21/2018 8:32 AM

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: 3 Skipped: 0

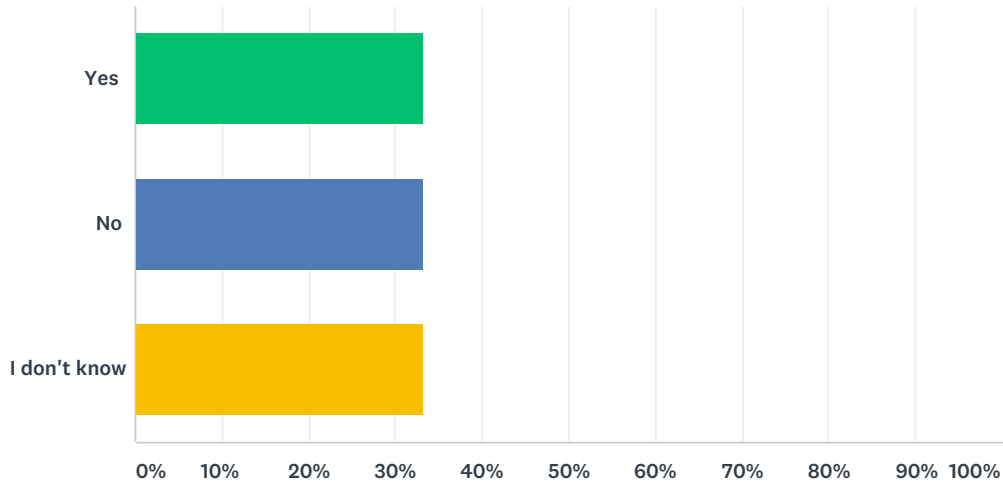


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	0.00% 0
I don't know	33.33% 1
TOTAL	3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

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: 3 Skipped: 0

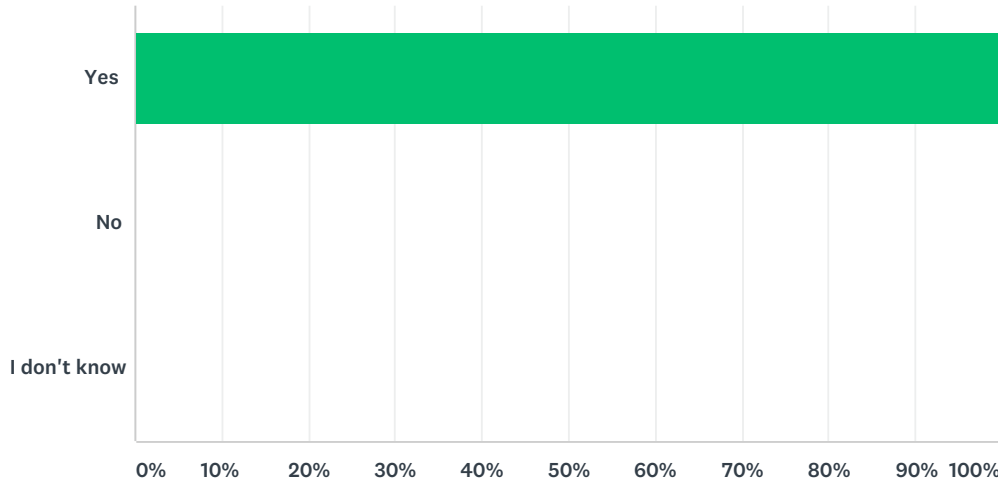


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	33.33% 1
I don't know	33.33% 1
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	Very few people take an interest in something until it affects them, and I'm sure there is an uptick in interest immediately following a disaster; but I would guess that on the whole, people are voluntarily uninformed and ill prepared to take care of themselves.	8/21/2018 8:37 AM

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: 3 Skipped: 0

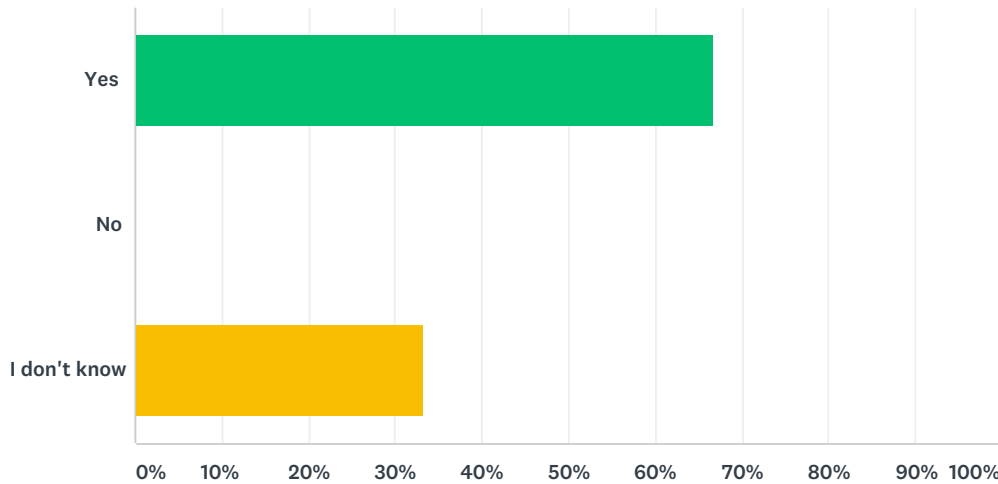


ANSWER CHOICES	RESPONSES	
Yes	100.00%	3
No	0.00%	0
I don't know	0.00%	0
TOTAL		3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

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: 3 Skipped: 0

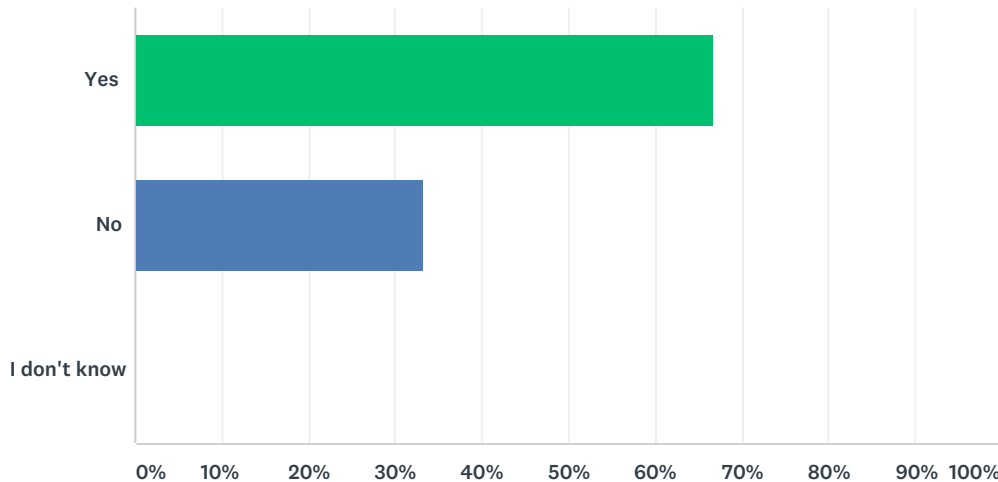


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	0.00% 0
I don't know	33.33% 1
TOTAL	3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q11 Do you 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: 3 Skipped: 0

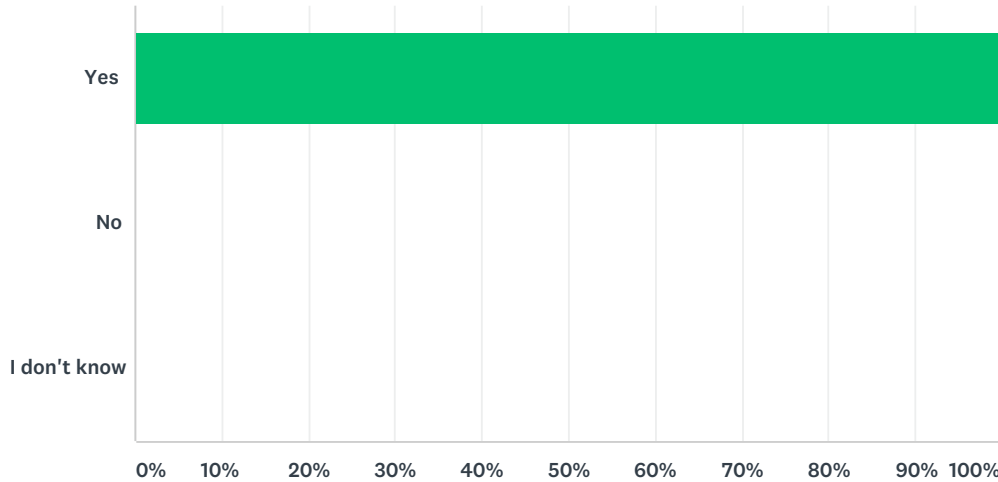


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
I don't know	0.00% 0
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	We post these on our webpage and facebook page.	8/22/2018 8:43 AM
2	Not applicable.	8/21/2018 8:37 AM

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: 3 Skipped: 0

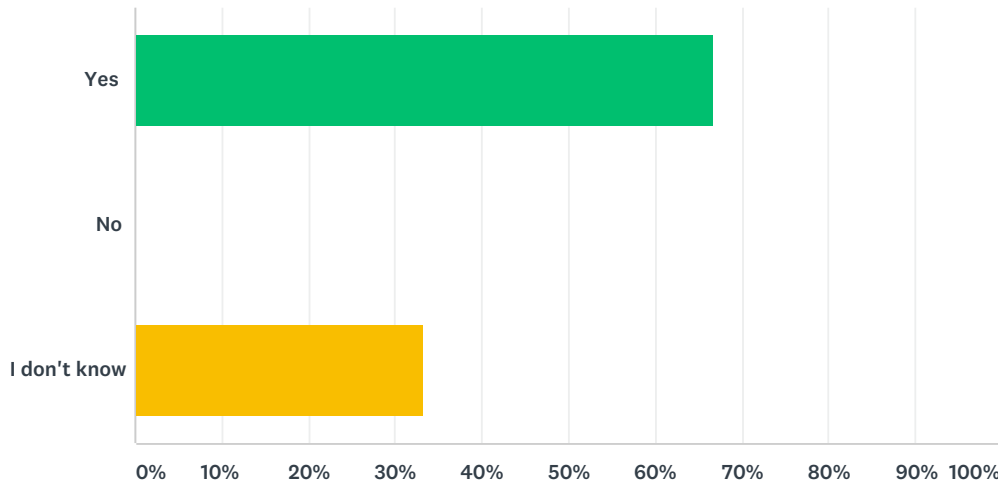


ANSWER CHOICES	RESPONSES	
Yes	100.00%	3
No	0.00%	0
I don't know	0.00%	0
TOTAL		3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

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

Answered: 3 Skipped: 0

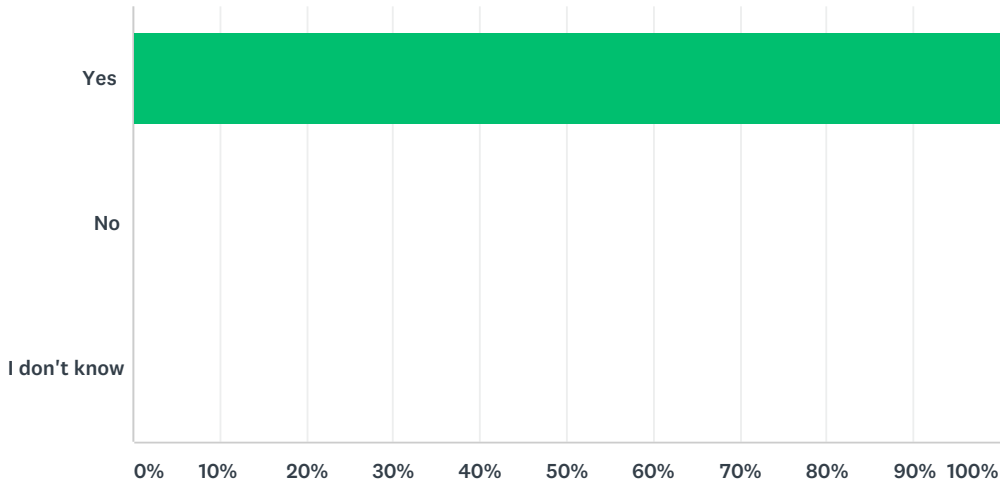


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	0.00% 0
I don't know	33.33% 1
TOTAL	3

#	PLEASE EXPLAIN	DATE
	There are no responses.	

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: 3 Skipped: 0



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

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

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: 2 Skipped: 1

#	RESPONSES	DATE
1	We have obtained the equipment and training to continue operations during these events.	8/22/2018 8:51 AM
2	Locating to the Wayne St. facility.	8/21/2018 8:01 AM

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: 2 Skipped: 1

#	RESPONSES	DATE
1	No.	8/22/2018 8:51 AM
2	All equipment located in one facility	8/21/2018 8:01 AM

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

Answered: 1 Skipped: 2

#	RESPONSES	DATE
1		8/22/2018 8:51 AM

Q18 Name of respondent:

Answered: 2 Skipped: 1

#	RESPONSES	DATE
1		8/22/2018 8:51 AM
2		8/21/2018 8:01 AM

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

Answered: 2 Skipped: 1

#	RESPONSES	DATE
1		8/22/2018 8:51 AM
2		8/21/2018 8:01 AM

Q1 Name of your hospital or health care facility:

Answered: 4 Skipped: 0

#	RESPONSES	DATE
1		9/4/2018 11:54 AM
2		9/4/2018 11:48 AM
3		8/22/2018 9:25 AM
4		8/21/2018 11:12 AM

Q2 What is your position/role at the facility?

Answered: 4 Skipped: 0

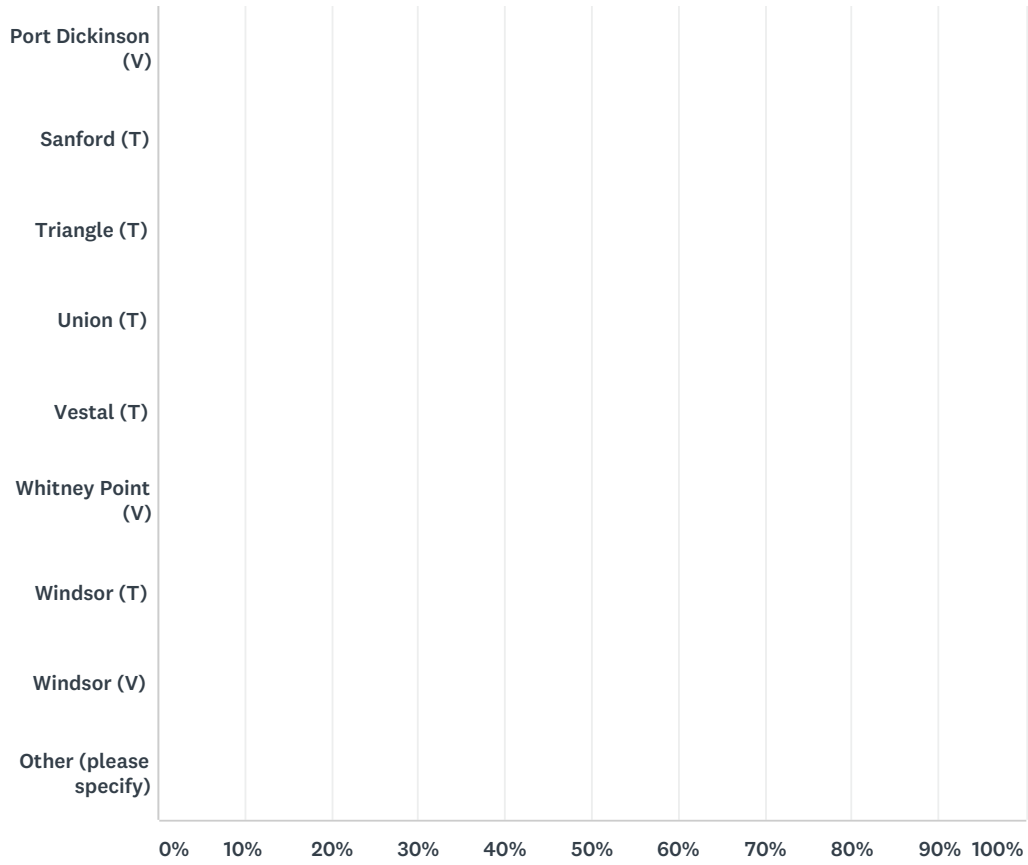
#	RESPONSES	DATE
1	Emergency Manager	9/4/2018 11:54 AM
2	Emergency Manager	9/4/2018 11:48 AM
3	Administration	8/22/2018 9:25 AM
4	Emergency Management and Safety	8/21/2018 11:12 AM

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 "Broome County (entire area)" if your service area is county-wide:

Answered: 4 Skipped: 0



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



ANSWER CHOICES	RESPONSES	
Broome County (entire area)	100.00%	4
Barker (T)	0.00%	0
Binghamton (T)	0.00%	0
Binghamton (C)	0.00%	0
Chenango (T)	0.00%	0
Colesville (T)	0.00%	0
Conklin (T)	0.00%	0
Deposit (V)	0.00%	0
Dickinson (T)	0.00%	0
Endicott (V)	0.00%	0
Fenton (T)	0.00%	0
Johnson City (V)	0.00%	0
Kirkwood (T)	0.00%	0
Lisle (T)	0.00%	0
Lisle (V)	0.00%	0
Maine (T)	0.00%	0

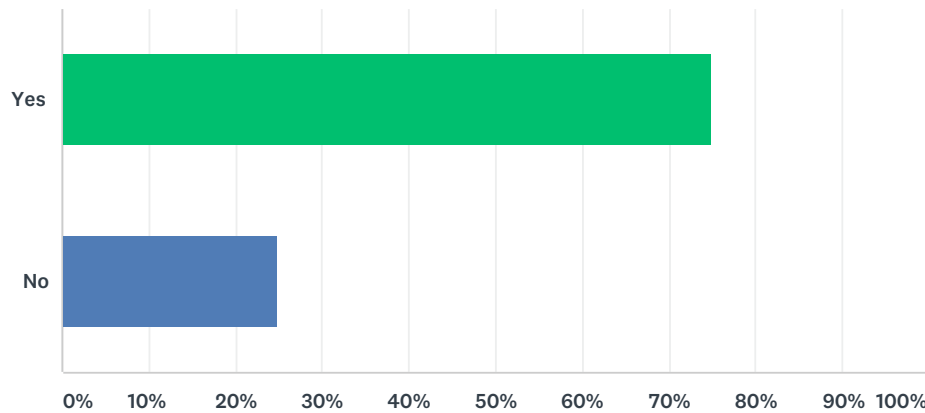
Broome County Hazard Mitigation Plan Update - Hospital and Health Care Provider Survey

Nanticoke (T)	0.00%	0
Port Dickinson (V)	0.00%	0
Sanford (T)	0.00%	0
Triangle (T)	0.00%	0
Union (T)	0.00%	0
Vestal (T)	0.00%	0
Whitney Point (V)	0.00%	0
Windsor (T)	0.00%	0
Windsor (V)	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 4		

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

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

Answered: 4 Skipped: 0

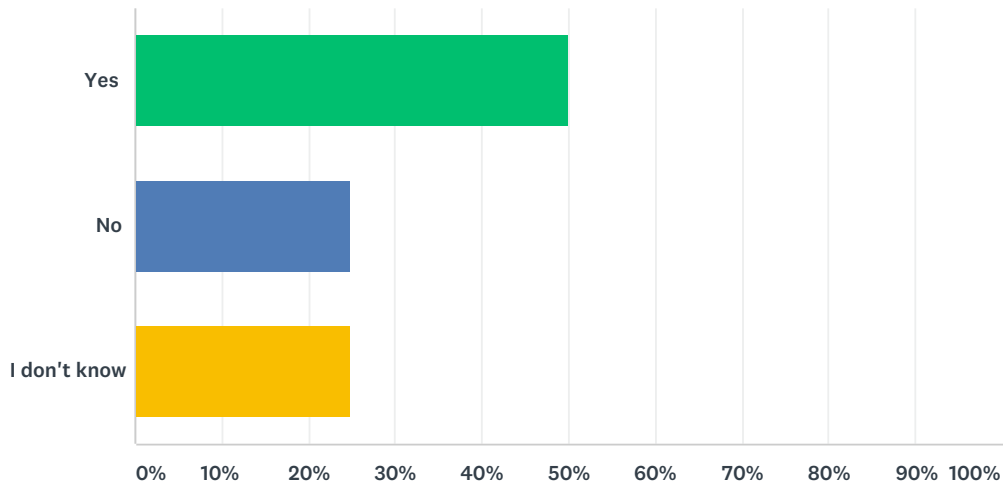


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	25.00% 1
TOTAL	4

#	IF YOU ANSWERED "YES", PLEASE IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICE	DATE
1	2006, 2011 Floods, Winter Storm Stella, Flash Flooding (Summer 2018)	9/4/2018 11:54 AM
2	2006, 2011 Floods, Winter Storm Stella, Flash Flooding (Summer 2018)	9/4/2018 11:48 AM
3	The 2006 and 2011 floods. Closed hospital and some off-site network locations in 2006 due to flooding and in 2011 services impacted countywide. March 2017 severe blizzard impacted services and many off-site network locations closed. Staffing was altered as well due to the weather conditions.	8/21/2018 11:12 AM

Q5 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: 4 Skipped: 0

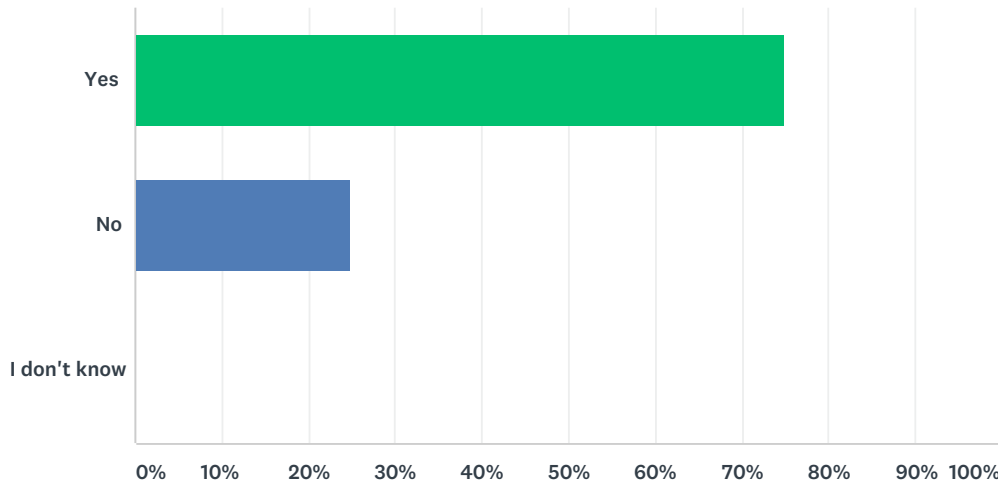


ANSWER CHOICES	RESPONSES
Yes	50.00% 2
No	25.00% 1
I don't know	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	While there are regulations and guidelines, the general feeling of "unknown" often produces anxiety that can be mitigated ahead of any disaster by constructing a plan and educating the public.	8/22/2018 9:25 AM
2	The hospitals are partially disaster resistant, however geographical location makes us more susceptible to the possibility of flooding. Lourdes has appropriate back-up power systems, however off site locations do not.	8/21/2018 11:12 AM

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 hazard events?

Answered: 4 Skipped: 0

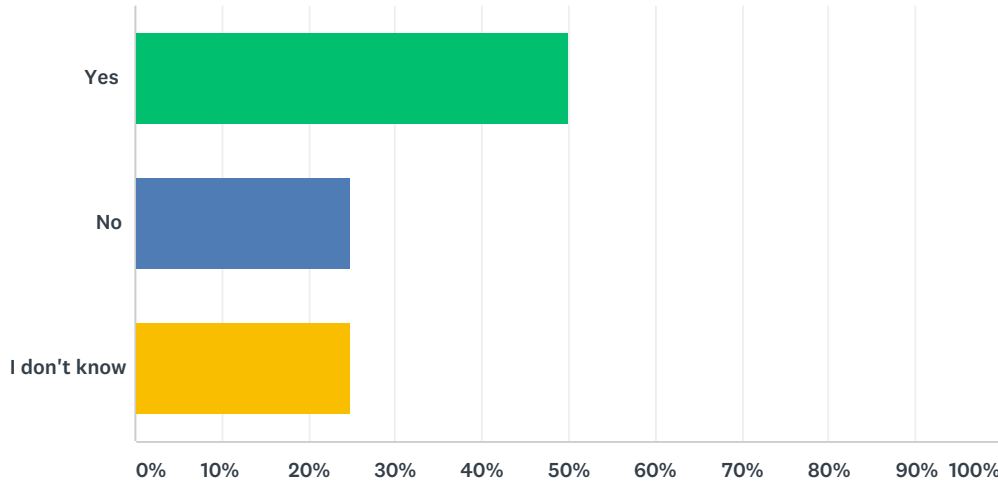


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	25.00% 1
I don't know	0.00% 0
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	Current facilities are located in downtown Binghamton.	8/22/2018 9:25 AM
2	Aging infrastructure across the county is a concern.	8/21/2018 11:12 AM

Q7 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: 4 Skipped: 0

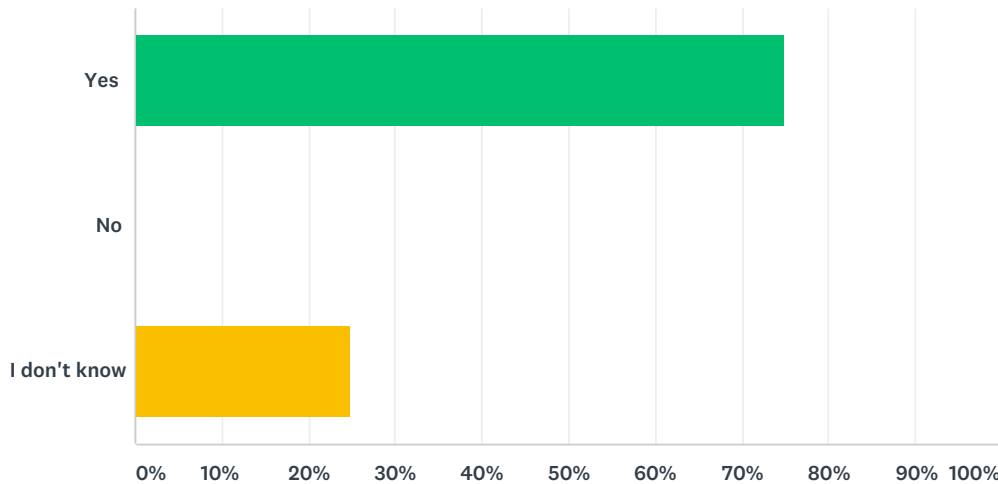


ANSWER CHOICES	RESPONSES
Yes	50.00% 2
No	25.00% 1
I don't know	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	When electricity is gone, so is everything digital at this location - phones and computers - and cell phones are not issued to other than the Commissioner. When we lose electricity (for any reason), we also lose phones.	8/22/2018 10:23 AM
2	The hospital and off-site network locations experience communications outages at least once per year. Some have multiple issues as digital communications require power to function.	8/21/2018 11:21 AM

Q8 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: 4 Skipped: 0

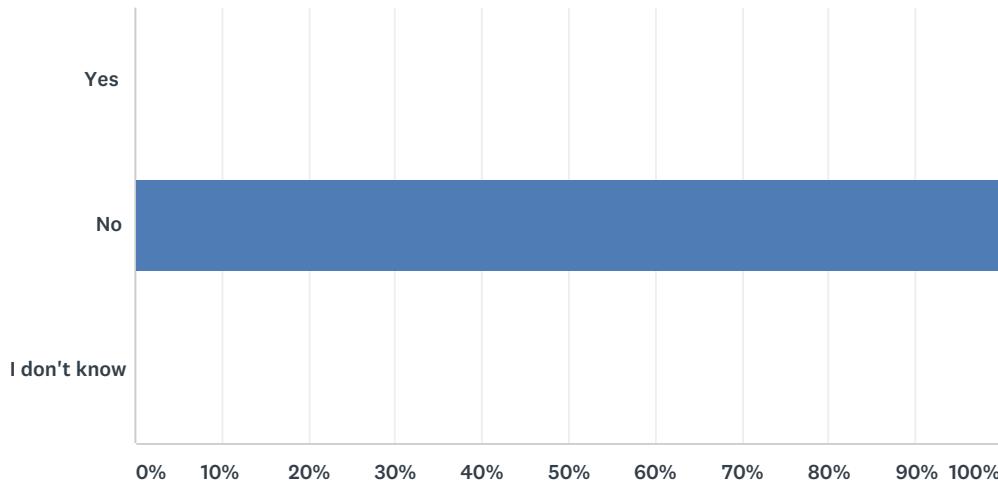


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	0.00% 0
I don't know	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	I have noticed education to pack for yourselves and your pets, but it is really not hammered home. As readiness relies on an individual's industry and motivation to prepare, there are plenty of people who "think" about it, but who are not prepared.	8/22/2018 10:23 AM
2	Just in time public education is effective.	8/21/2018 11:21 AM

Q9 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: 4 Skipped: 0

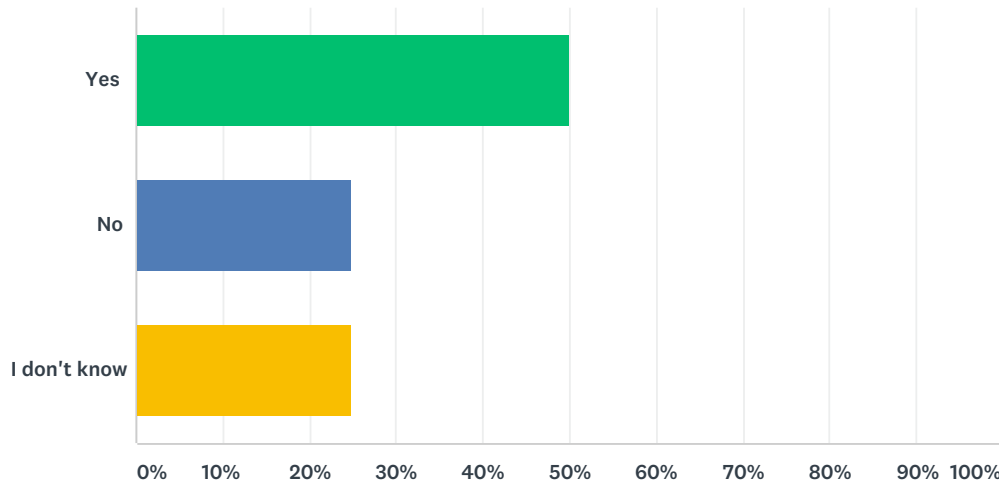


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 4
I don't know	0.00% 0
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	Announcements need to be more timely and direct to Healthcare organizations.	9/4/2018 11:55 AM
2	Announcements need to be more timely and direct to the Healthcare organizations.	9/4/2018 11:50 AM
3	Road closures are challenging unless you have staff and a large map to understand areas impacted for personnel's homes - therefore CAN they come in is more important than WILL they come into work. Other than the 911 - no MH clinics post a map of the County or have any idea where their staff lives and whether they may be affected by the road closures.	8/22/2018 10:23 AM
4	During the last event, August 13-15, 2018, communications were very lacking between the EOC/County and the hospital. We heard about the road closures via TV stations and did not receive any alert nor awareness of EOC activation, until we reached out. It is important for our facilities to know/understand this information, even if we are not required to report to the EOC, as we service all of Broome County and surrounding counties. Road closures impact our clients and staff reporting to appointments/work.	8/21/2018 11:21 AM

Q10 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: 4 Skipped: 0

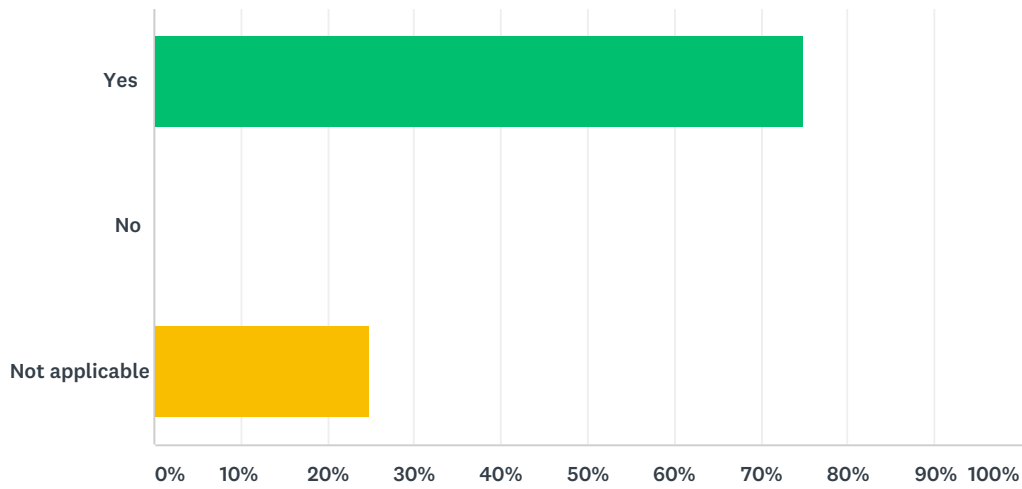


ANSWER CHOICES	RESPONSES
Yes	50.00% 2
No	25.00% 1
I don't know	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	NY Alerts is advertised, but no, on the whole, I do not think they sign up for that service. Perhaps because the texts are VERY frequent (I received more than 30 in the last 2 weeks) and they may not have a cell phone plan with unlimited text. Further, older generation folks may not use a call at all. Only that "this is a test..." alarm on the radio or television MAY get their attention.	8/22/2018 10:23 AM

Q11 Do you think that your organization works to inform your constituents of how they can better manage their risk to hazard events?

Answered: 4 Skipped: 0

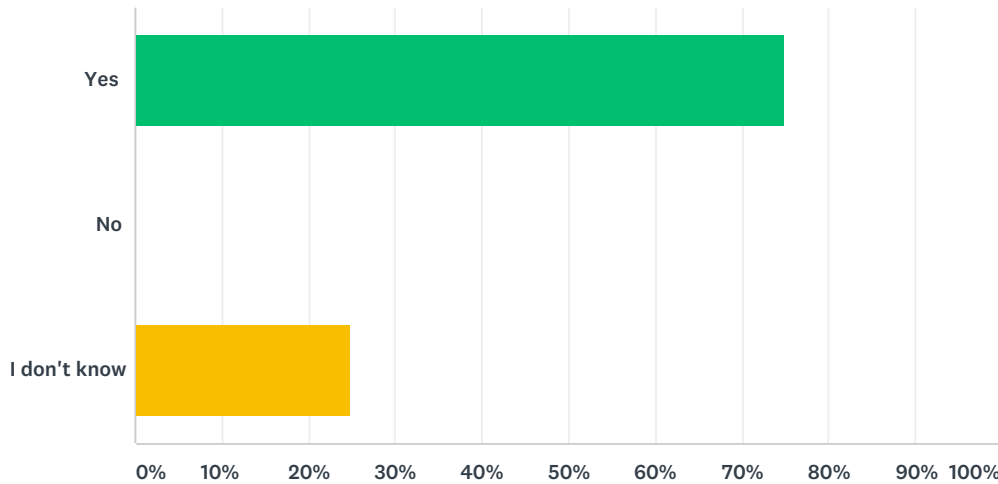


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	0.00% 0
Not applicable	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	We share information regarding weather and EOC updates.	8/21/2018 11:21 AM

Q12 Do you think that emergency response planning, services, and equipment are adequate to manage and respond properly to disasters in your community?

Answered: 4 Skipped: 0

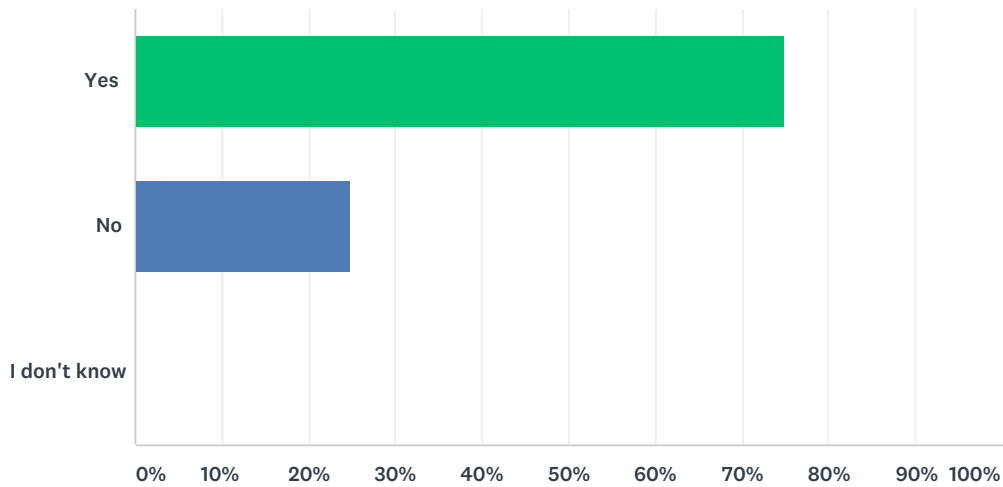


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	0.00% 0
I don't know	25.00% 1
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	Often the public is not aware of how many things are triggered - on a routine basis - that keeps the town working smoothly. Some just assume "the government" will take care of it - they have a low level of personal accountability. Others, due to the volume of awareness and alerts, launch into anticipatory anxiety and it becomes a 'thing' for them. Difficult: two-edged sword :-)	8/22/2018 10:23 AM
2	It depends on the disaster. The county, like most counties in NYS, have limited resources to respond.	8/21/2018 11:21 AM

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

Answered: 4 Skipped: 0

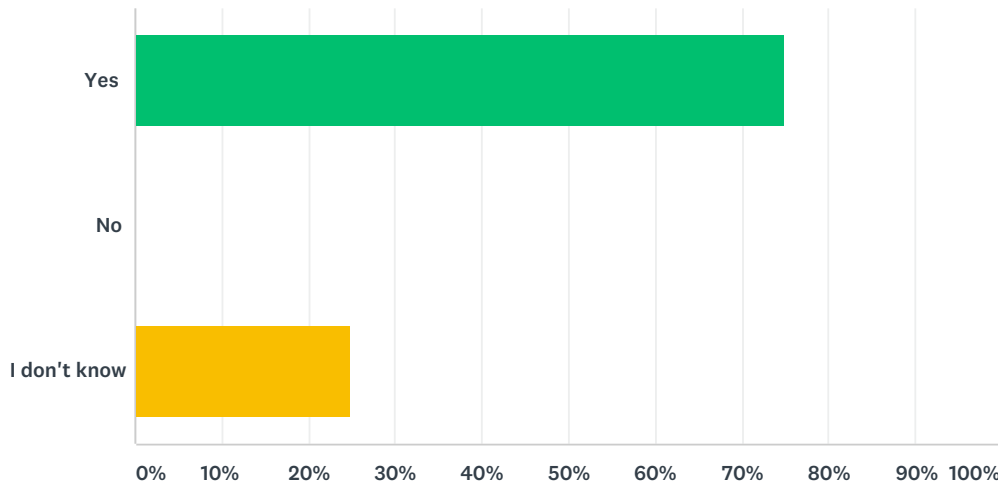


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	25.00% 1
I don't know	0.00% 0
TOTAL	4

#	PLEASE EXPLAIN	DATE
1	But, as a Department representative, I am on the inside of LEPC and know of the efforts and resources. Those not in those circles, are perhaps clueless and therefore cannot appreciate the planning, deployment, and response efforts that are already implemented.	8/22/2018 10:23 AM
2	We believe that local government understands and supports hazard risk reduction efforts, however likely does not have enough resources.	8/21/2018 11:21 AM

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 organization functions.

Answered: 4 Skipped: 0



ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	0.00% 0
I don't know	25.00% 1
TOTAL	4

#	IF "YES", PLEASE EXPLAIN.	DATE
1	There used to be a plan - but there has been a lot of turn over in staff...	8/22/2018 10:23 AM

Q15 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: 4 Skipped: 0

#	RESPONSES	DATE
1	Early notification of employees. Internal communication. Frequent activation of the Hospital Command Center at the early onset of an event. On-call Security and Facilities Teams to assist with storm preparation and recovery.	9/4/2018 11:56 AM
2	Early notification of employees. Internal communication. Frequent activation of the Hospital Command Center at the early onset of an event. On-call Security and Facilities Teams to assist with storm preparation and recovery.	9/4/2018 11:53 AM
3	None	8/22/2018 10:23 AM
4	Flood wall and flood mitigation planning.	8/21/2018 11:25 AM

Q16 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: 2 Skipped: 2

#	RESPONSES	DATE
1	LOTS!	8/22/2018 10:23 AM
2	Yes, we have a power transformer that is not inside the protection of the flood wall.	8/21/2018 11:25 AM

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

Answered: 1 Skipped: 3

#	RESPONSES	DATE
1	Will there be a report/feedback on this topic?	8/21/2018 11:25 AM

Q18 Name of respondent:

Answered: 4 Skipped: 0

#	RESPONSES	DATE
1		9/4/2018 11:56 AM
2		9/4/2018 11:53 AM
3		8/22/2018 10:23 AM
4		8/21/2018 11:25 AM

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

Answered: 3 Skipped: 1

#	RESPONSES	DATE
1		9/4/2018 11:56 AM
2		9/4/2018 11:53 AM
3		8/22/2018 10:23 AM

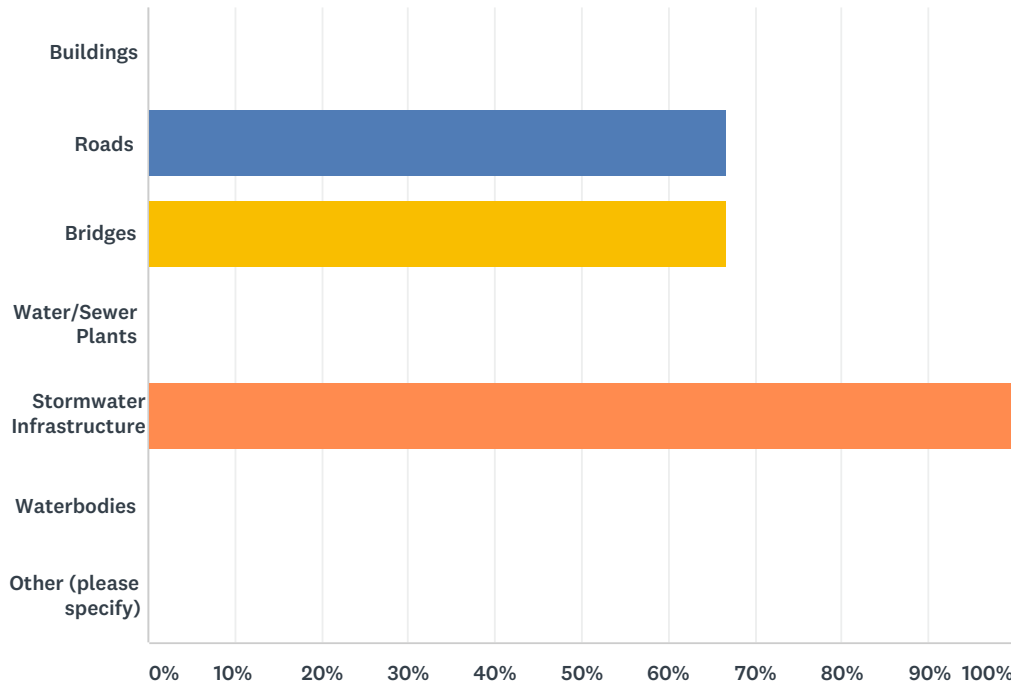
Q1 Name of your department:

Answered: 2 Skipped: 1

#	RESPONSES	DATE
1		8/22/2018 8:06 AM
2		8/21/2018 6:20 AM

Q2 What type of facilities do you maintain?

Answered: 3 Skipped: 0



ANSWER CHOICES	RESPONSES	
Buildings	0.00%	0
Roads	66.67%	2
Bridges	66.67%	2
Water/Sewer Plants	0.00%	0
Stormwater Infrastructure	100.00%	3
Waterbodies	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 3		

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

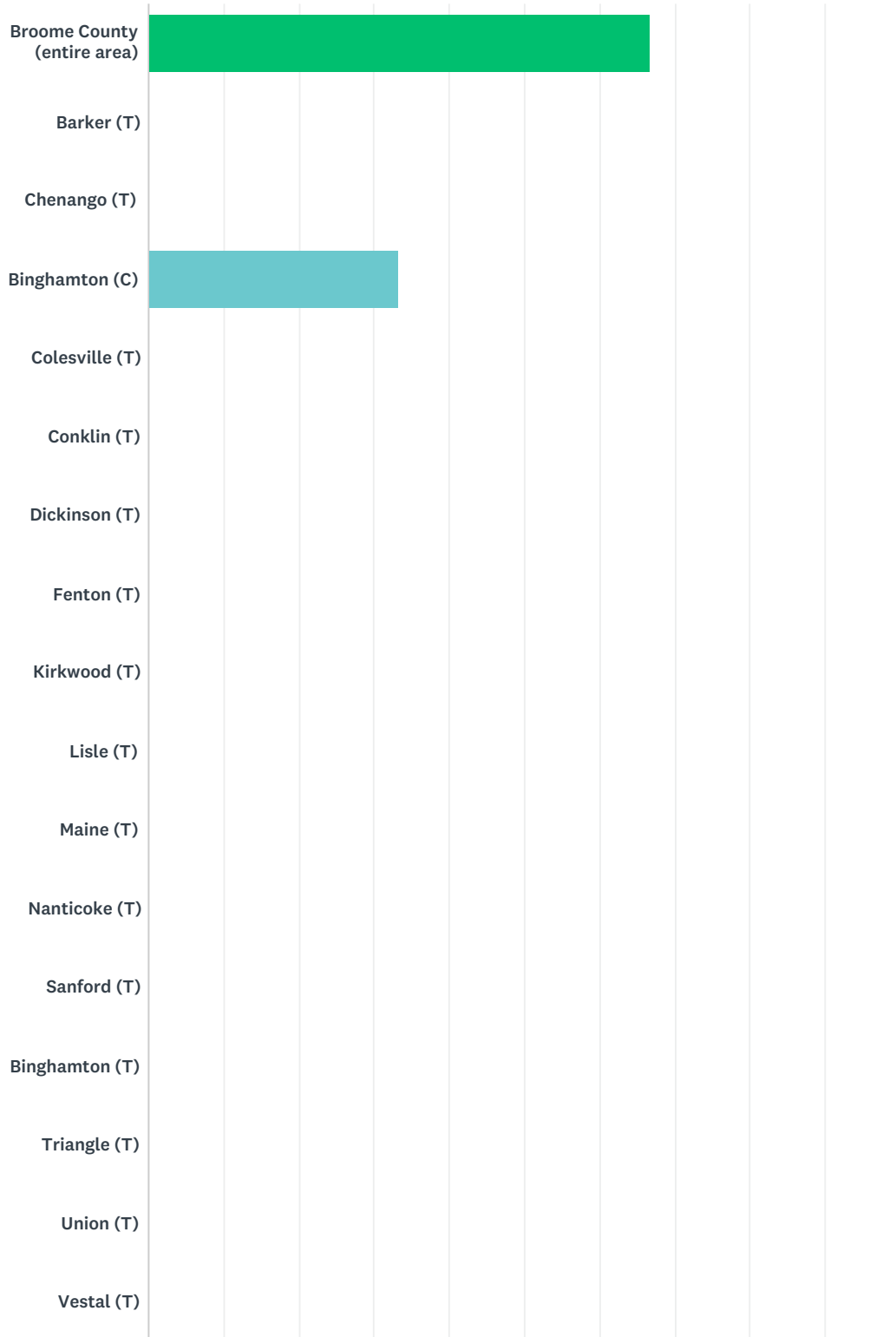
Q3 Please identify the services your department normally provides. Of these services, please identify which services you believe are essential services that must be provided prior to, during, and after a disaster in order to protect public safety and health.

Answered: 3 Skipped: 0

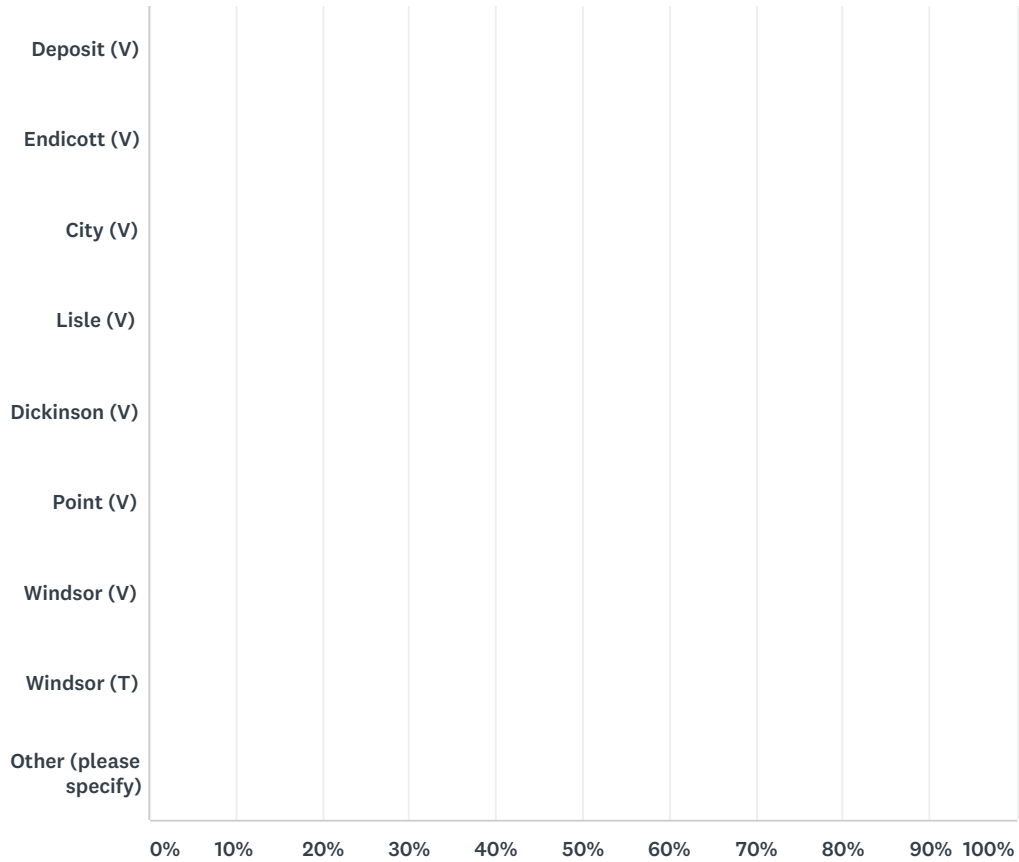
#	RESPONSES	DATE
1	n/a	9/18/2018 3:33 PM
2	Plow the roads--essential Close roads from flooding--essential Inspect bridges and culverts--essential	8/22/2018 8:06 AM
3	Highway maintenance to County infrastructure to include roads drainage structures etc	8/21/2018 6:20 AM

Q4 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 "Broome County (entire area)" if your service area is county-wide:

Answered: 3 Skipped: 0



Broome County Hazard Mitigation Plan Update - Public Works Survey



ANSWER CHOICES	RESPONSES	
Broome County (entire area)	66.67%	2
Barker (T)	0.00%	0
Chenango (T)	0.00%	0
Binghamton (C)	33.33%	1
Colesville (T)	0.00%	0
Conklin (T)	0.00%	0
Dickinson (T)	0.00%	0
Fenton (T)	0.00%	0
Kirkwood (T)	0.00%	0
Lisle (T)	0.00%	0
Maine (T)	0.00%	0
Nanticoke (T)	0.00%	0
Sanford (T)	0.00%	0
Binghamton (T)	0.00%	0
Triangle (T)	0.00%	0
Union (T)	0.00%	0

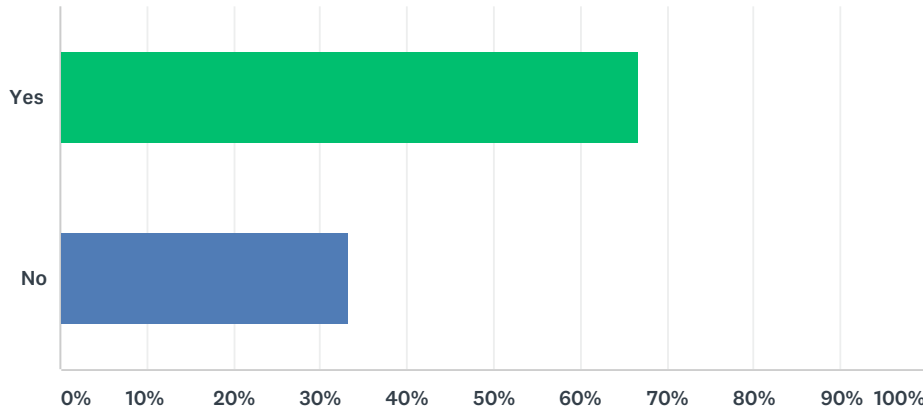
Broome County Hazard Mitigation Plan Update - Public Works Survey

Vestal (T)	0.00%	0
Deposit (V)	0.00%	0
Endicott (V)	0.00%	0
City (V)	0.00%	0
Lisle (V)	0.00%	0
Dickinson (V)	0.00%	0
Point (V)	0.00%	0
Windsor (V)	0.00%	0
Windsor (T)	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 3		

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

Q5 Looking back at previous hazard events, has your department, or the facilities you are responsible for (buildings, bridges, roads, etc.), been impacted by the event (damaged building, closed for long periods of time, etc.)?

Answered: 3 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	66.67%	2
No	33.33%	1
TOTAL		3

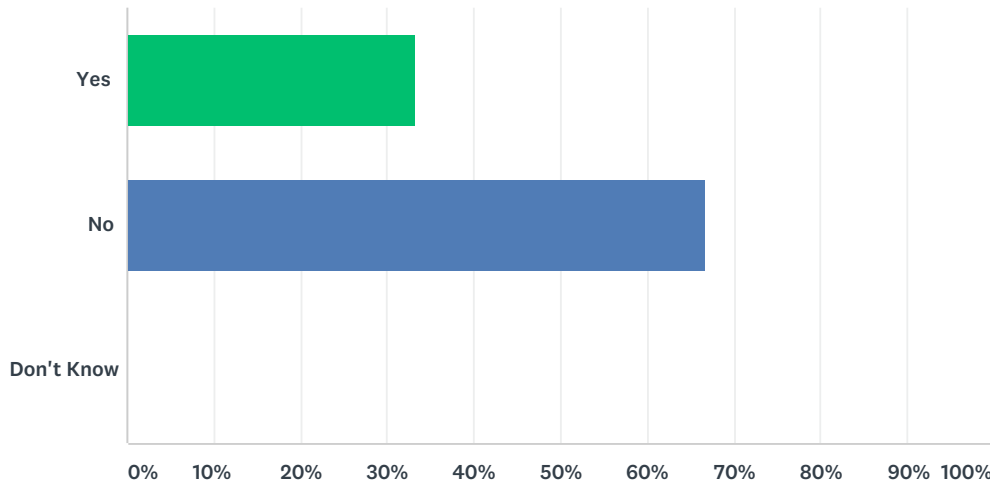
Q6 If you answered "YES," please identify the events and provide a brief description of the damages or loss of service and quantify the number of roads, bridges, etc. that were out of service.

Answered: 2 Skipped: 1

#	RESPONSES	DATE
1	Numerous events resulted in the closure of various roads, including interstates	8/22/2018 8:06 AM
2	loss of drainage due to clogged pipes loss of shoulder along Highway system	8/21/2018 6:21 AM

Q7 Do you believe that your facilities are disaster resistant or capable of withstanding a natural disaster (e.g. properly located and constructed and have back-up power as appropriate)?

Answered: 3 Skipped: 0

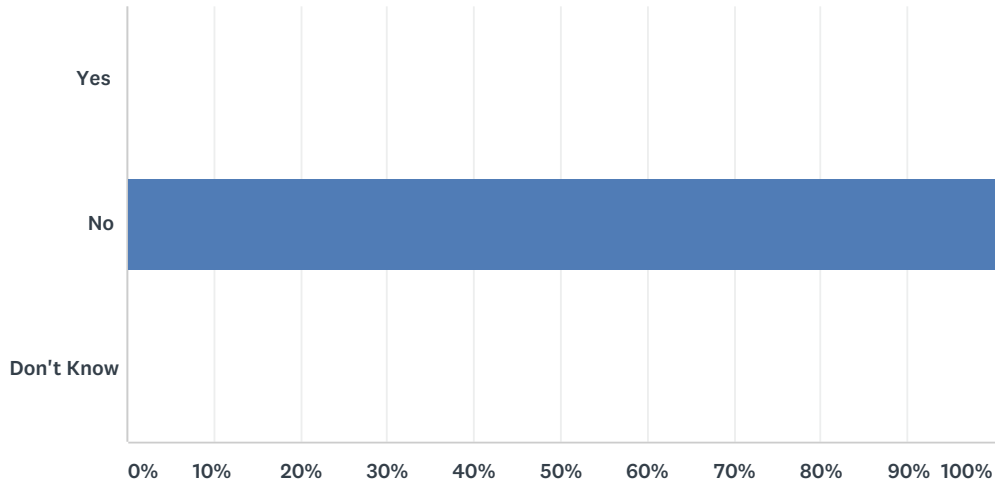


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	66.67% 2
Don't Know	0.00% 0
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	Court St. flood wall needs repair. It is full of holes & is falling apart.	9/18/2018 3:41 PM
2	With the amount and power of runoff the drainage system cannot handle it	8/21/2018 6:24 AM

Q8 Do you think that the transportation infrastructure in the county (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards, providing long-term support for your community’s response and recovery needs?

Answered: 3 Skipped: 0

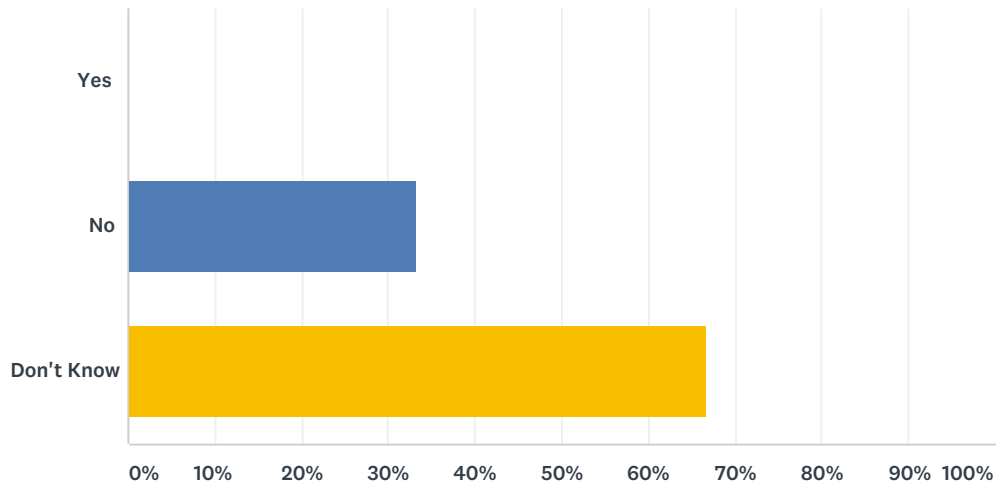


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 3
Don't Know	0.00% 0
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	Not in rural areas such as Hiner Rd.	9/18/2018 3:41 PM
2	Some culverts probably undersized based on long-term climate change	8/22/2018 8:10 AM
3	Not all there are many undersized drainage system along the Highway system	8/21/2018 6:24 AM

Q9 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: 3 Skipped: 0

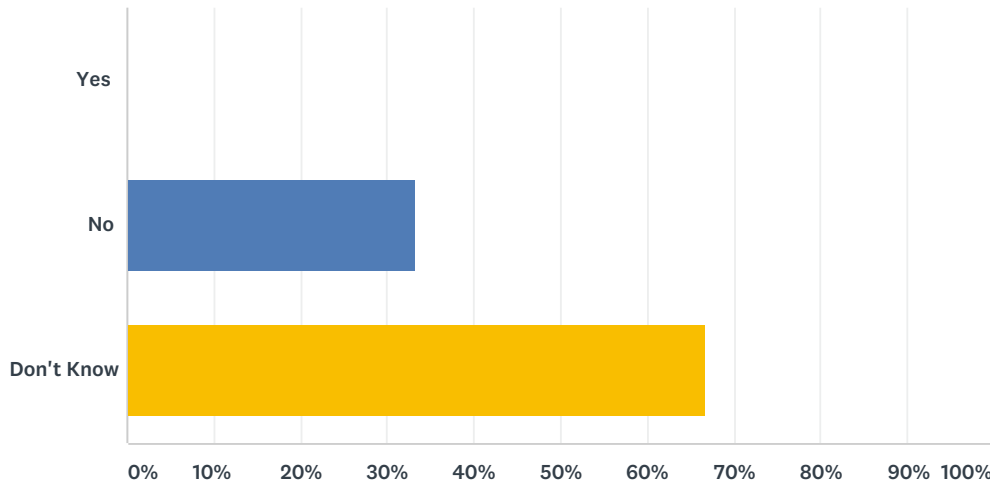


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	33.33% 1
Don't Know	66.67% 2
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	There is always room for improvement.	9/18/2018 3:41 PM

Q10 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: 3 Skipped: 0

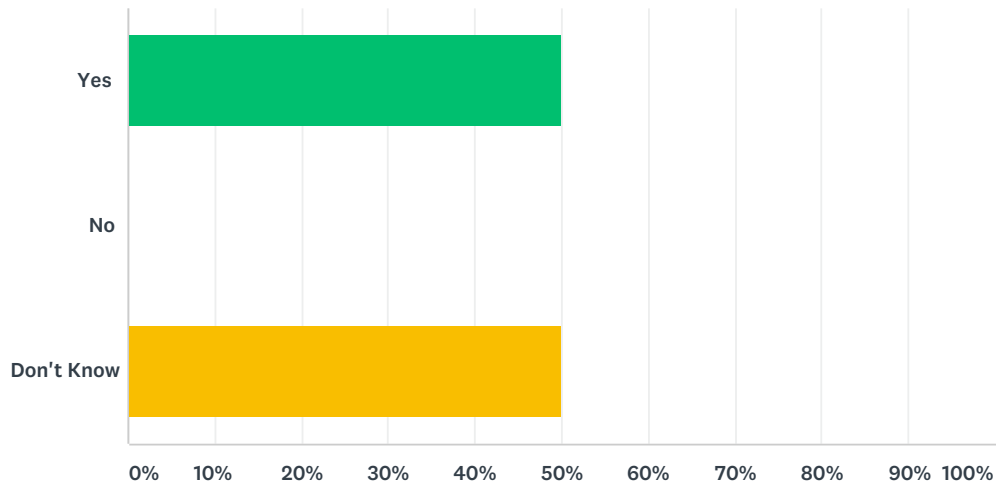


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	33.33% 1
Don't Know	66.67% 2
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	In most places but not all	8/22/2018 8:10 AM

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: 2 Skipped: 1

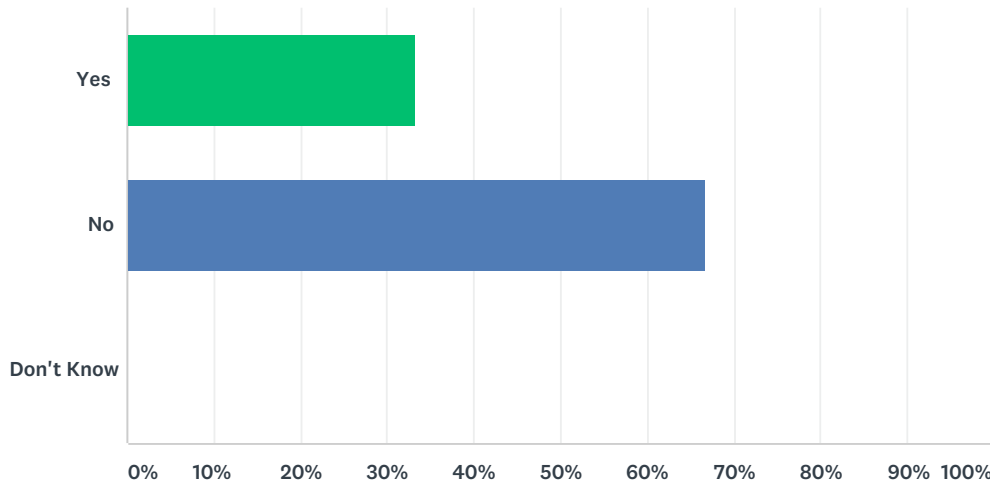


ANSWER CHOICES	RESPONSES
Yes	50.00% 1
No	0.00% 0
Don't Know	50.00% 1
TOTAL	2

#	PLEASE EXPLAIN	DATE
1	We have several contractors under contract to help in the event of emrgncy repairs	8/21/2018 6:24 AM

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: 3 Skipped: 0

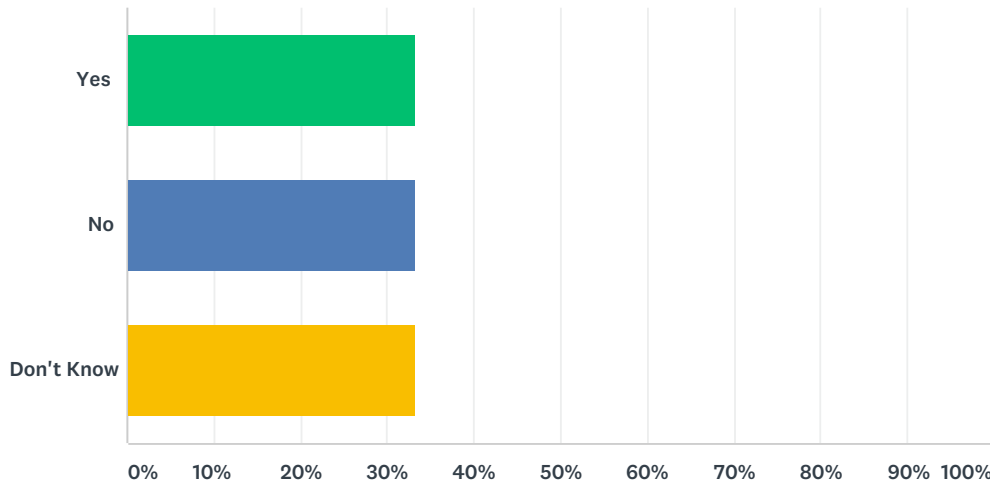


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	66.67% 2
Don't Know	0.00% 0
TOTAL	3

#	PLEASE EXPLAIN	DATE
1	Broome County as a whole has a emergency response plan	8/21/2018 6:24 AM

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

Answered: 3 Skipped: 0

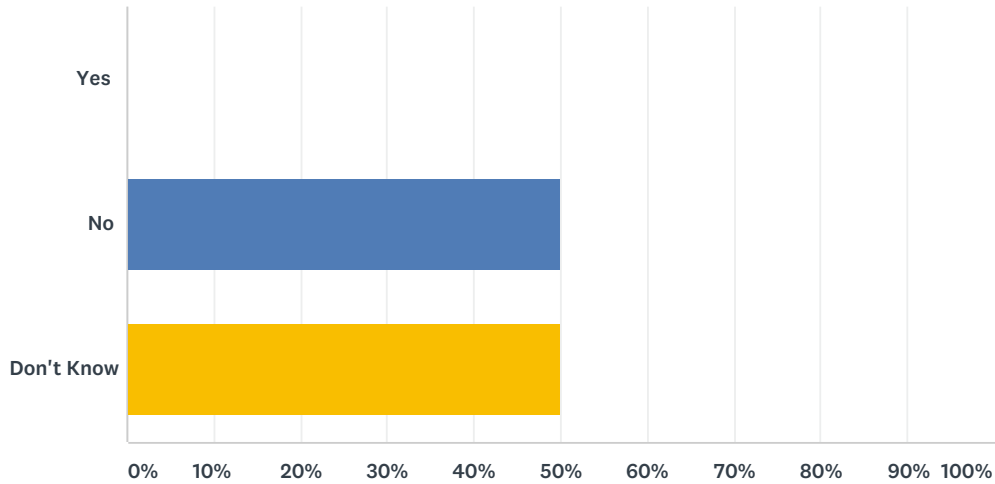


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	33.33% 1
Don't Know	33.33% 1
TOTAL	3

#	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: 1



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

#	PLEASE EXPLAIN	DATE
1	Not part of Broome County government	8/22/2018 8:10 AM

Q15 What areas in Broome County do you feel are the most vulnerable to natural hazards and need to be addressed?

Answered: 3 Skipped: 0

#	RESPONSES	DATE
1	Along the rivers, creeks and steep hills [mudslides].	9/18/2018 3:47 PM
2	Floodplains of Susquehanna and small streams	8/22/2018 8:12 AM
3	All areas	8/21/2018 6:26 AM

Q16 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: 3 Skipped: 0

#	RESPONSES	DATE
1	n/a	9/18/2018 3:47 PM
2	Don't know	8/22/2018 8:12 AM
3	We have attempted to upsize the drainage and have tried to get more ditch cleaning done when time allows	8/21/2018 6:26 AM

Q17 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: 2 Skipped: 1

#	RESPONSES	DATE
1	Court st. and under passes.	9/18/2018 3:47 PM
2	debris clearance from streams	8/22/2018 8:12 AM

Q18 Do you have any other comments, questions, or concerns?

Answered: 2 Skipped: 1

#	RESPONSES	DATE
1	no.	9/18/2018 3:47 PM
2	no	8/22/2018 8:12 AM

Q19 Name of Respondent

Answered: 3 Skipped: 0

#	RESPONSES	DATE
1		9/18/2018 3:47 PM
2		8/22/2018 8:12 AM
3		8/21/2018 6:26 AM

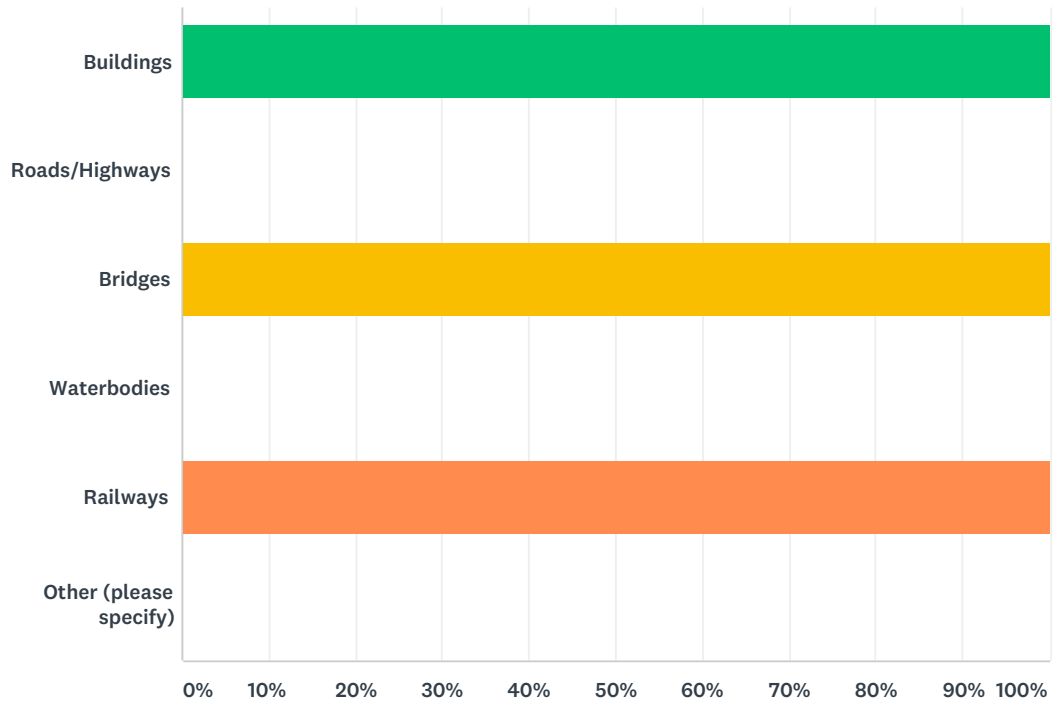
Q1 Name of your agency or department:

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1		8/21/2018 6:11 PM

Q2 What type of facilities or infrastructure do you maintain?

Answered: 1 Skipped: 0



ANSWER CHOICES	RESPONSES	
Buildings	100.00%	1
Roads/Highways	0.00%	0
Bridges	100.00%	1
Waterbodies	0.00%	0
Railways	100.00%	1
Other (please specify)	0.00%	0
Total Respondents: 1		

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

Q3 Please identify the services your agency or 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: 1 Skipped: 0

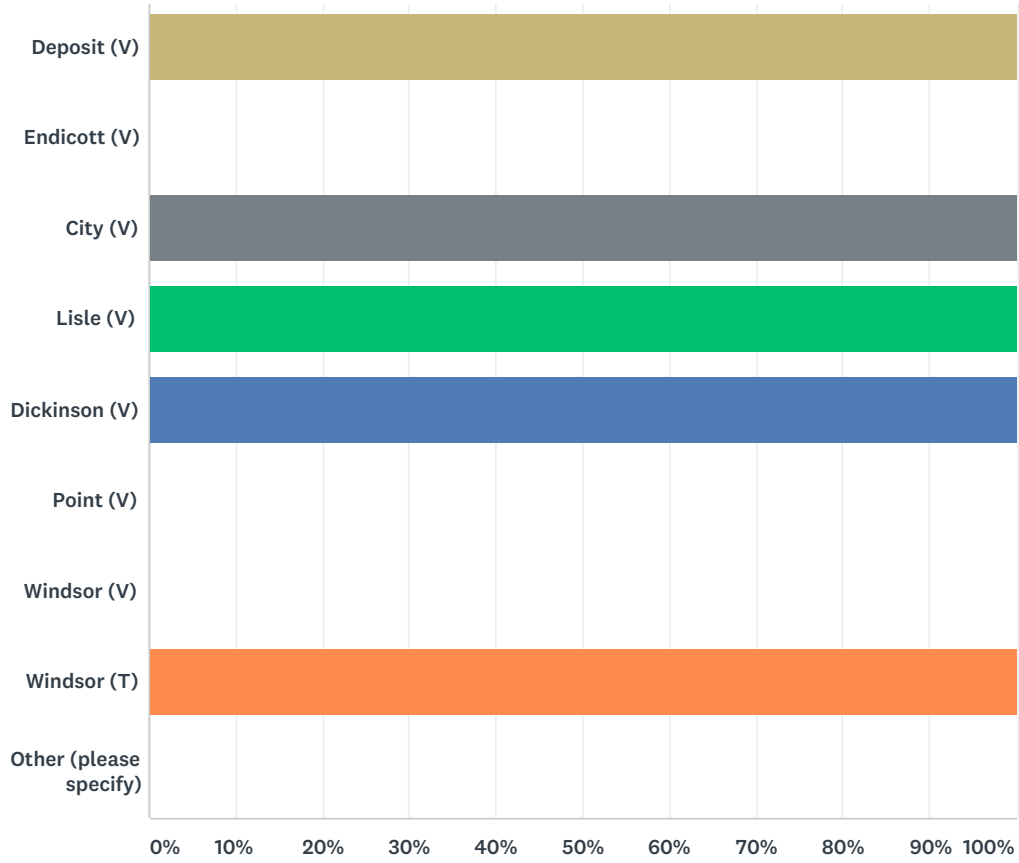
#	RESPONSES	DATE
1	Rail Transportation	8/21/2018 6:11 PM

Q4 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 "Broome County (entire area)" if your service area is county-wide:

Answered: 1 Skipped: 0



Broome County Hazard Mitigation Plan Update - Transportation Survey



ANSWER CHOICES	RESPONSES	
Broome County (entire area)	0.00%	0
Barker (T)	100.00%	1
Chenango (T)	100.00%	1
Binghamton (C)	100.00%	1
Colesville (T)	0.00%	0
Conklin (T)	0.00%	0
Dickinson (T)	100.00%	1
Fenton (T)	100.00%	1
Kirkwood (T)	100.00%	1
Lisle (T)	100.00%	1
Maine (T)	0.00%	0
Nanticoke (T)	0.00%	0
Sanford (T)	100.00%	1
Binghamton (T)	100.00%	1
Triangle (T)	100.00%	1
Union (T)	0.00%	0

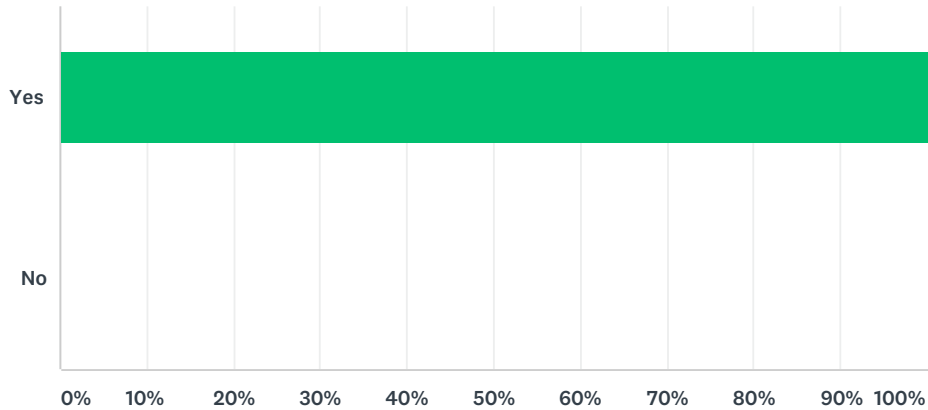
Broome County Hazard Mitigation Plan Update - Transportation Survey

Vestal (T)	0.00%	0
Deposit (V)	100.00%	1
Endicott (V)	0.00%	0
City (V)	100.00%	1
Lisle (V)	100.00%	1
Dickinson (V)	100.00%	1
Point (V)	0.00%	0
Windsor (V)	0.00%	0
Windsor (T)	100.00%	1
Other (please specify)	0.00%	0
Total Respondents: 1		

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

Q5 Looking back at previous hazard events, has your agency/department, or the facilities you are responsible for (buildings, bridges, roads, etc.), been impacted by the event (damaged building, closed for long periods of time, etc.)?

Answered: 1 Skipped: 0



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

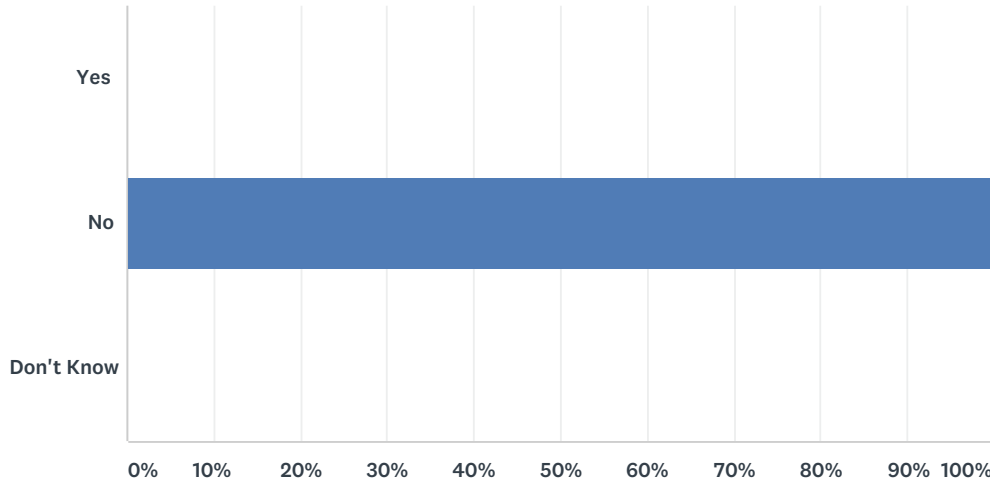
Q6 If you answered "YES," please identify the events and provide a brief description of the damages or loss of service and quantify the number of roads, bridges, etc. that were out of service.

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	2006 Floods and Hurrigan Irene & Lee, both caused several days of disruption to rail service, primarily from washouts.	8/21/2018 6:11 PM

Q7 Do you believe that your facilities and infrastructure are disaster resistant or capable of withstanding a natural disaster (e.g. properly located and constructed and have back-up power as appropriate)?

Answered: 1 Skipped: 0

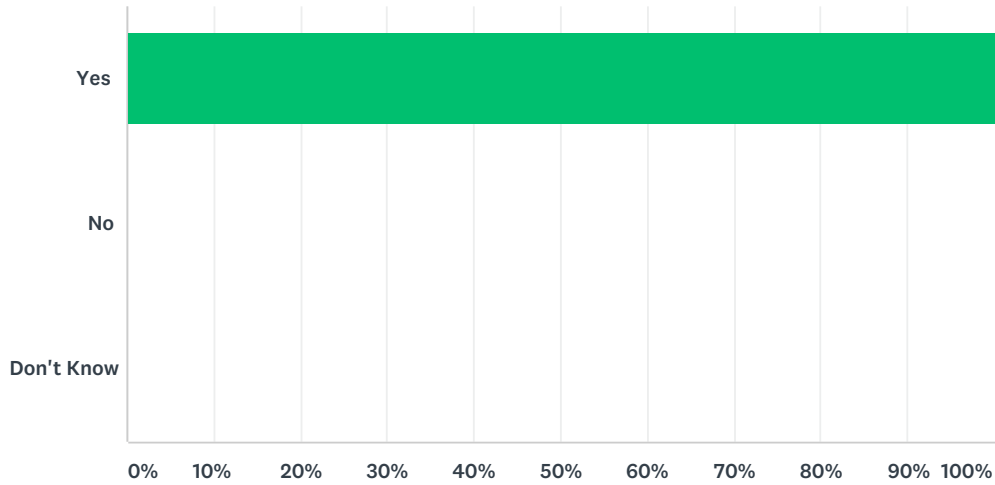


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	No railroad can ever be completely free from damage caused by natural disasters due to the power of water in flooding and the fact that railroads are most often located near streams and rivers.	8/21/2018 6:26 PM

Q8 Do you think that the transportation infrastructure in the county (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards, providing long-term support for your community’s response and recovery needs?

Answered: 1 Skipped: 0

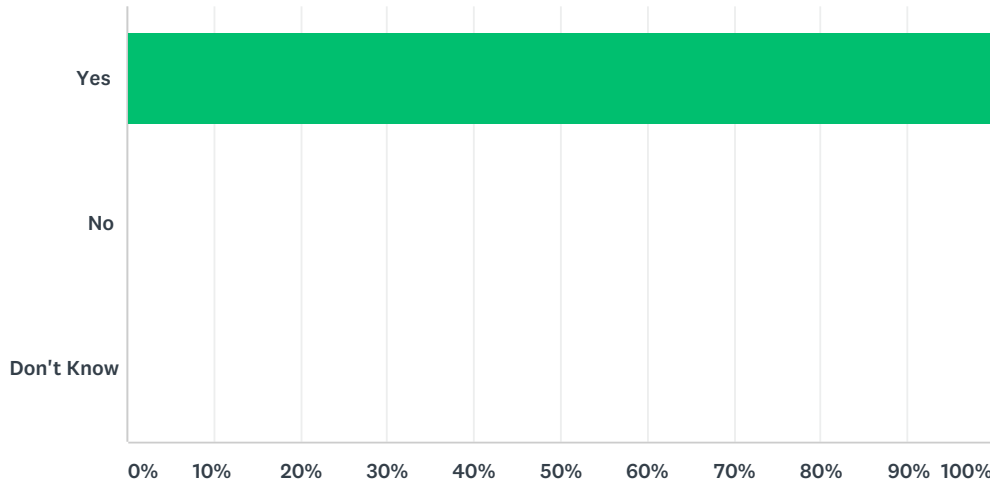


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
Don't Know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	Actually, the answer is yes & no. Yes, because we have enough redundancy built into the system that allows for immediate response. And no, because our infrastructure is so easily damaged causing massive needs.	8/21/2018 6:26 PM

Q9 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster resistant to support your agency/department’s ability to maintain operations and support response or recovery efforts?

Answered: 1 Skipped: 0

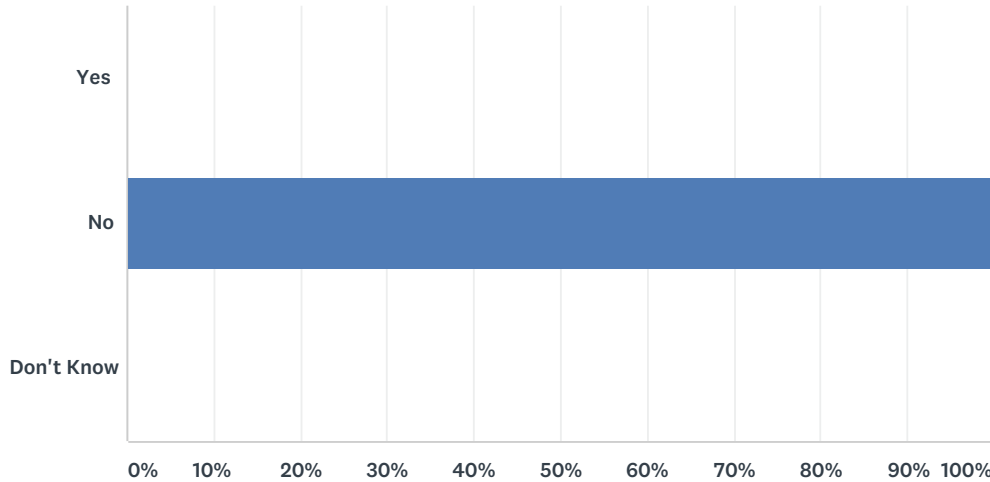


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
Don't Know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	Because the railroad operates over 450 miles of track, we have our own communication system and have backup electrical systems in place to prepare for disasters.	8/21/2018 6:26 PM

Q10 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: 1 Skipped: 0

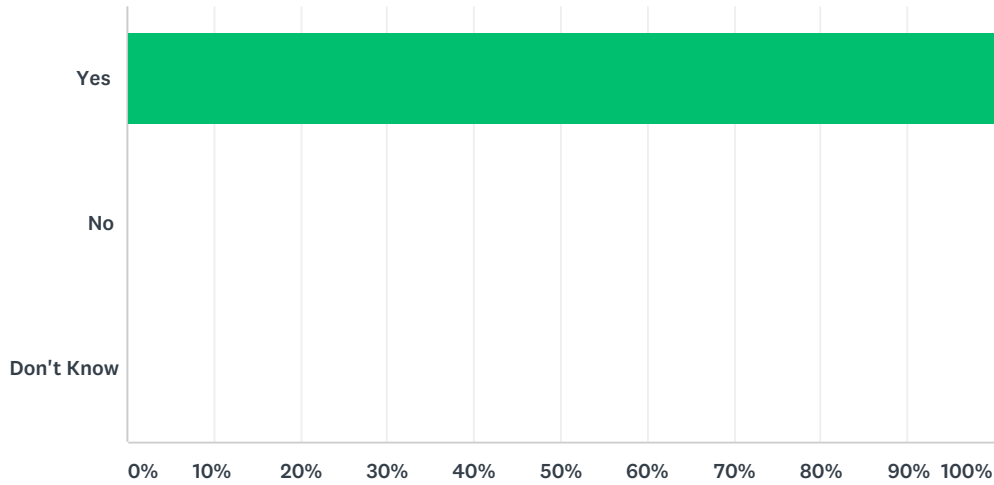


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 1
Don't Know	0.00% 0
TOTAL	1

#	PLEASE EXPLAIN	DATE
1	I can only point to the fact that we over develop areas along risky zones.	8/21/2018 6:26 PM

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

Answered: 1 Skipped: 0

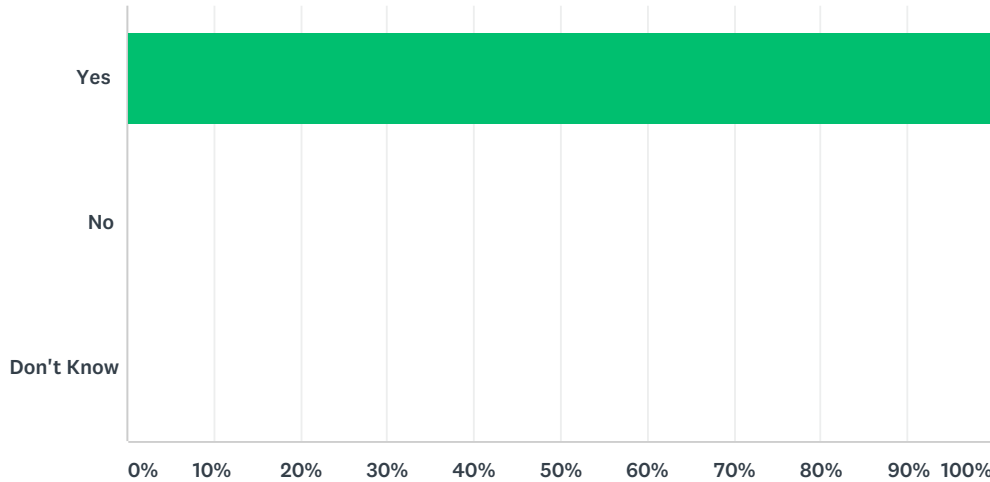


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
Don't Know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	Local Binghamton businesses that supply stone and concrete blocks, not to mention water and ice are invaluable resources. I can also attest that there is no price inflation during disasters.	8/21/2018 6:26 PM

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

Answered: 1 Skipped: 0

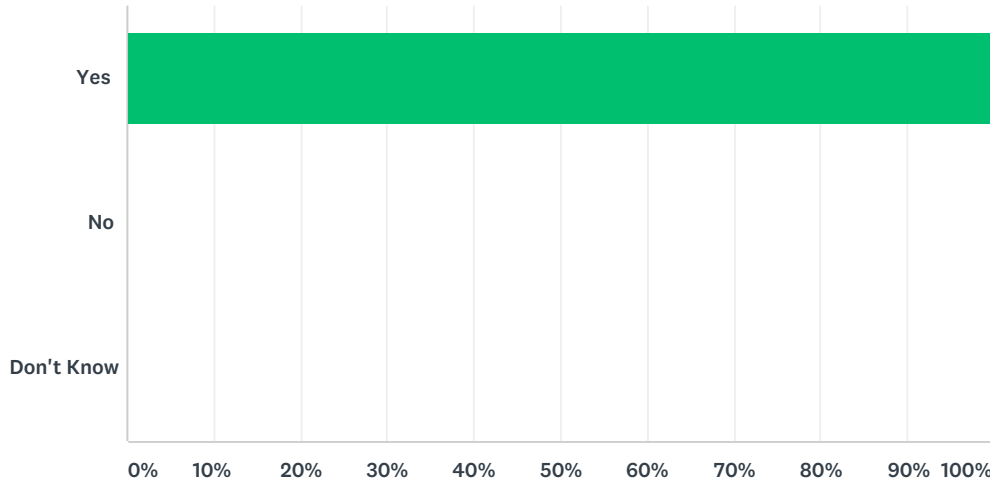


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
Don't Know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	Railroads must maintain emergency response plans as mandated by the Federal Railroad Administration	8/21/2018 6:26 PM

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

Answered: 1 Skipped: 0

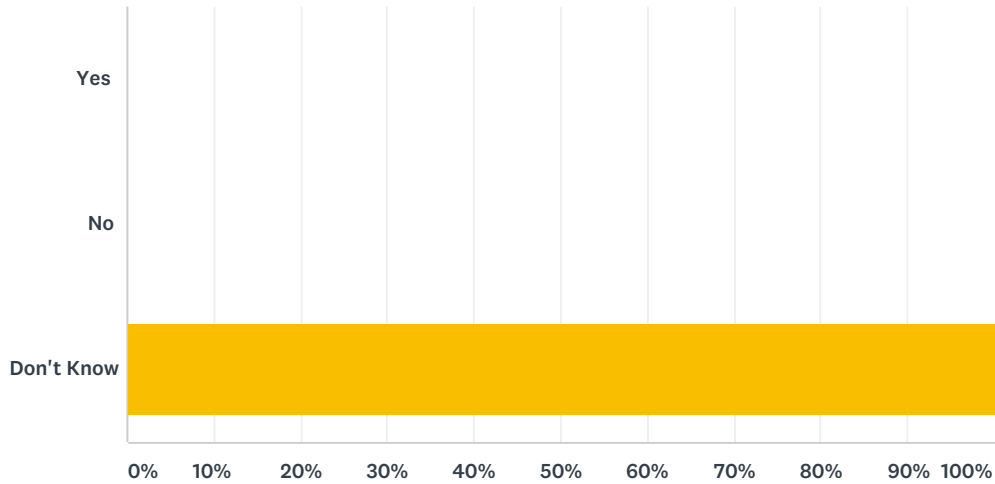


ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No	0.00%	0
Don't Know	0.00%	0
TOTAL		1

#	PLEASE EXPLAIN	DATE
1	This is also really a yes/no answer. Local government does the best that it can with the resources available.	8/21/2018 6:26 PM

Q14 Is your agency/department included within a Continuity of Operations / Continuity of Government (COOP / COG) plan? COOP / COG plans examine an agency's or 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: 1 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	0.00%	0
No	0.00%	0
Don't Know	100.00%	1
TOTAL		1

#	PLEASE EXPLAIN	DATE
	There are no responses.	

Q15 What areas in Broome County do you feel are the most vulnerable to natural hazards and need to be addressed?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	Any areas near creeks or rivers.	8/21/2018 6:32 PM

Q16 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: 1 Skipped: 0

#	RESPONSES	DATE
1	The railroad has a culvert and bridge inspection program, also mandated by the Federal Railroad Administration. The NYSW has an annual program of ditching along the right of way, so that flood events will have less impact. This is done along with cleaning out and improving culverts.	8/21/2018 6:32 PM

Q17 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: 1 Skipped: 0

#	RESPONSES	DATE
1	The flood gates in Binghamton have been very successful, although they shut down rail operations, they prevent damage. Unfortunately, much of the damage recently is caused by intense storm cells that cause flash flooding, so a program that would identify areas of flash flooding and ways to mitigate the effect would be my suggestion.	8/21/2018 6:32 PM

Q18 Do you have any other comments, questions, or concerns?

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1	Not at this time.	8/21/2018 6:32 PM

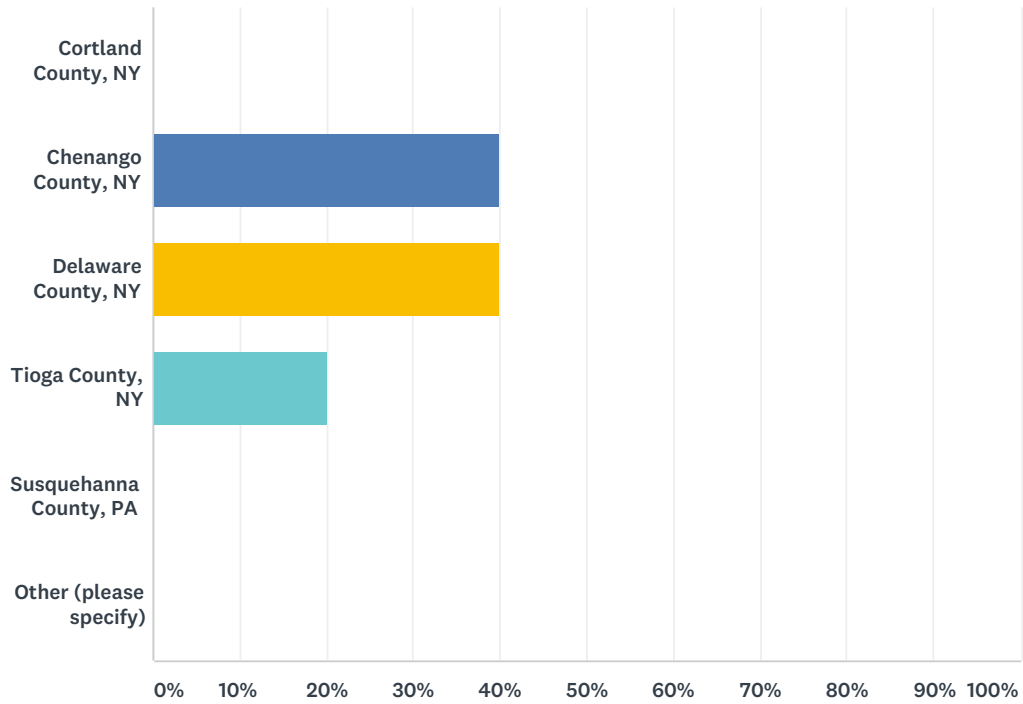
Q19 Name of Respondent

Answered: 1 Skipped: 0

#	RESPONSES	DATE
1		8/21/2018 6:32 PM

Q1 Please indicate the county in which you represent:

Answered: 5 Skipped: 0



ANSWER CHOICES	RESPONSES
Cortland County, NY	0.00% 0
Chenango County, NY	40.00% 2
Delaware County, NY	40.00% 2
Tioga County, NY	20.00% 1
Susquehanna County, PA	0.00% 0
Other (please specify)	0.00% 0
Total Respondents: 5	

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

Q2 Name and Title of Respondent

Answered: 5 Skipped: 0

#	RESPONSES	DATE
1		8/29/2018 2:47 PM
2		8/28/2018 2:10 PM
3		8/23/2018 11:37 AM
4		8/23/2018 11:32 AM
5		8/23/2018 11:28 AM

Q3 Contact information (email address or phone number)

Answered: 5 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name	100.00%	5
Company	100.00%	5
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%	5
Phone Number	100.00%	5

#	NAME	DATE
1		8/29/2018 2:47 PM
2		8/28/2018 2:10 PM
3		8/23/2018 11:37 AM
4		8/23/2018 11:32 AM
5		8/23/2018 11:28 AM

#	COMPANY	DATE
1		8/29/2018 2:47 PM
2		8/28/2018 2:10 PM
3		8/23/2018 11:37 AM
4		8/23/2018 11:32 AM
5		8/23/2018 11:28 AM

#	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.	

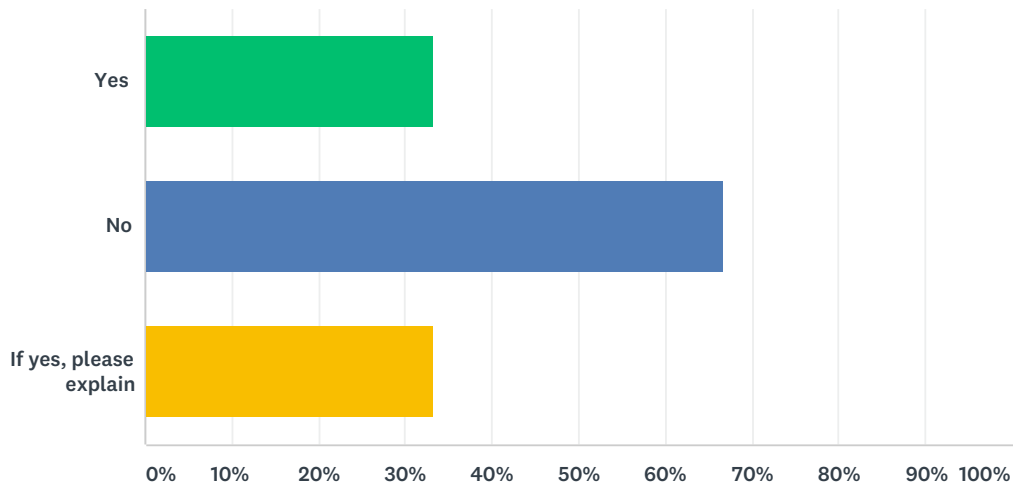
Broome County Hazard Mitigation Plan Update - Neighboring County Survey

#	EMAIL ADDRESS	DATE
1		8/29/2018 2:47 PM
2		8/28/2018 2:10 PM
3		8/23/2018 11:37 AM
4		8/23/2018 11:32 AM
5		8/23/2018 11:28 AM

#	PHONE NUMBER	DATE
1		8/29/2018 2:47 PM
2		8/28/2018 2:10 PM
3		8/23/2018 11:37 AM
4		8/23/2018 11:32 AM
5		8/23/2018 11:28 AM

Q4 Is Broome County involved in your county's comprehensive emergency operations planning?

Answered: 3 Skipped: 2

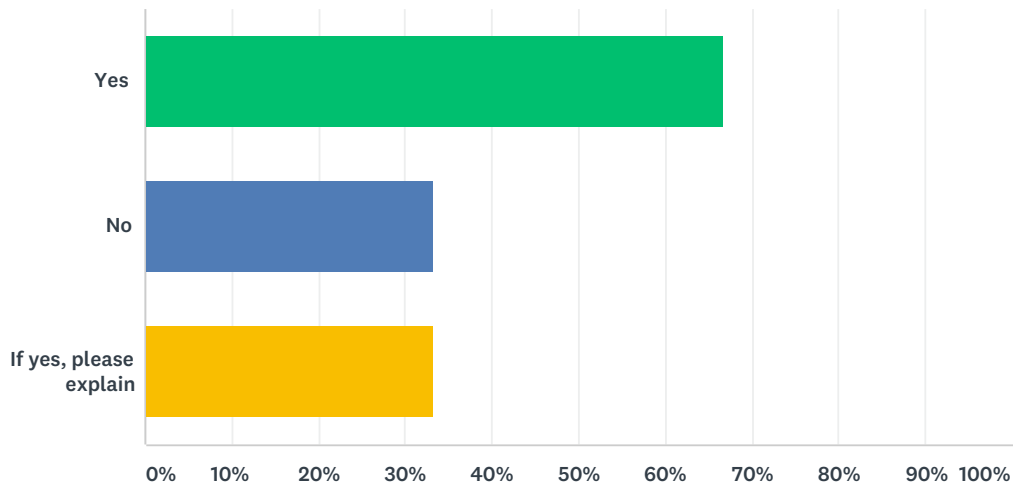


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	66.67% 2
If yes, please explain	33.33% 1
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Through multiple consortium's such as Hazmat, Communications, etc.	8/28/2018 2:11 PM

Q5 Is your county involved in Broome County’s comprehensive emergency operations planning?

Answered: 3 Skipped: 2

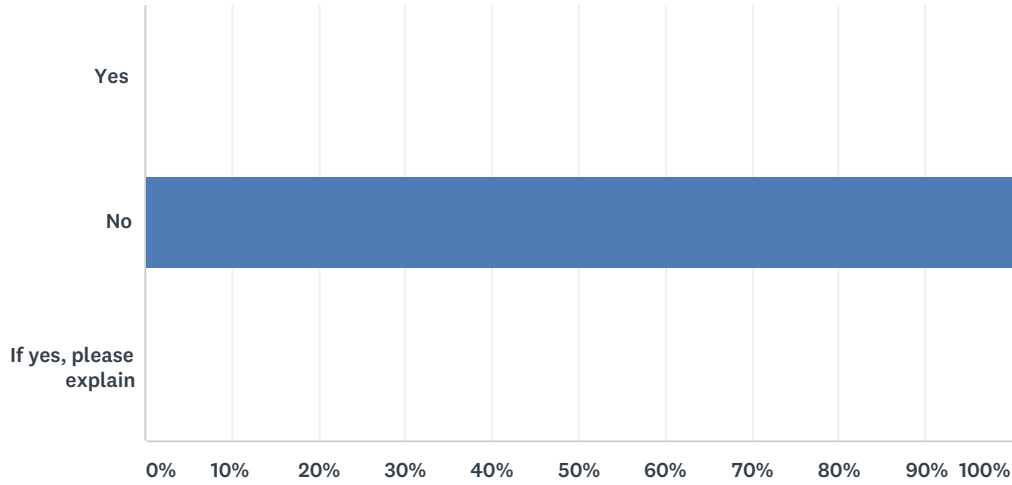


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
If yes, please explain	33.33% 1
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Delaware County has been invited to participate in the development of the Broome County Plan	8/23/2018 11:39 AM

Q6 Is Broome County involved in your county's Continuity of Operations planning?

Answered: 3 Skipped: 2

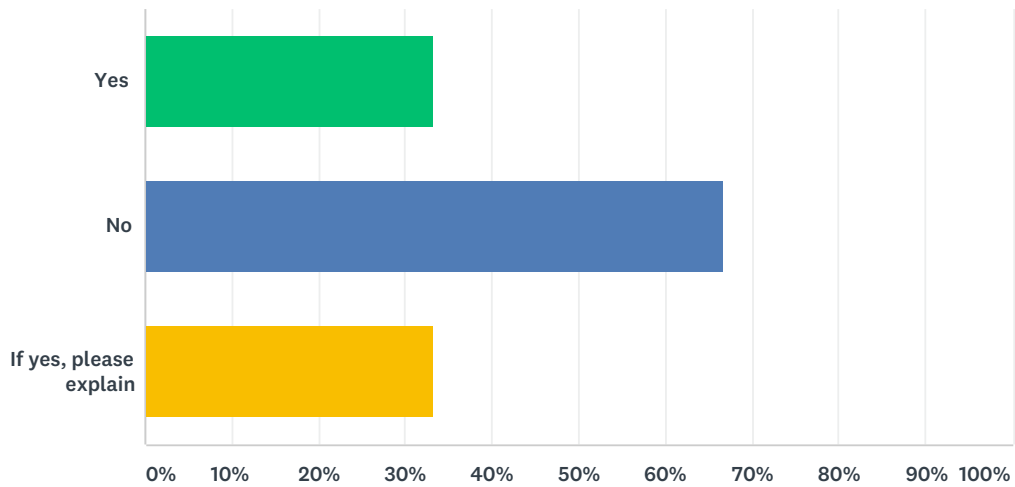


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 3
If yes, please explain	0.00% 0
Total Respondents: 3	

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

Q7 Is your county involved in Broome County's Continuity of Operations planning?

Answered: 3 Skipped: 2

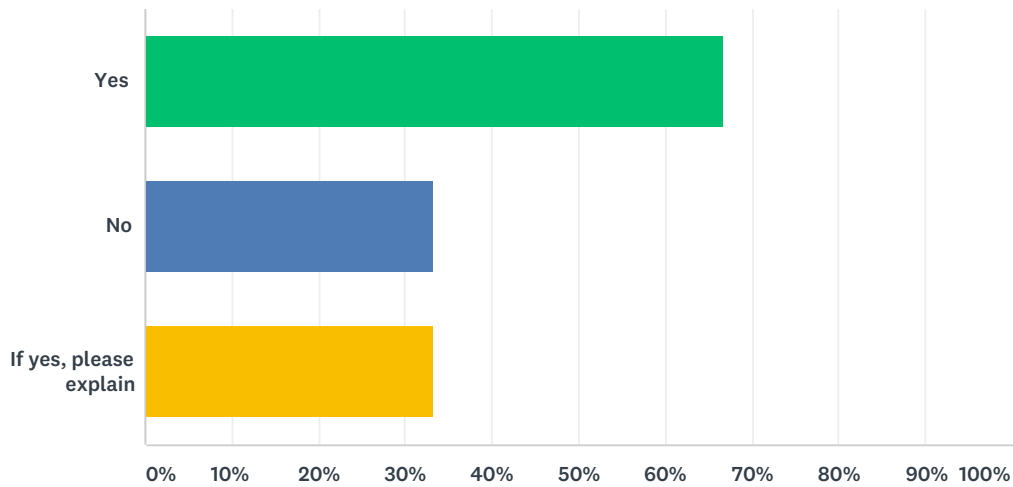


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	66.67% 2
If yes, please explain	33.33% 1
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	We have been invited to participate a a neighboring county	8/23/2018 11:39 AM

Q8 Does your county share risk and vulnerability assessments (flood mapping, HAZUS, etc.) with Broome County?

Answered: 3 Skipped: 2



ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
If yes, please explain	33.33% 1
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Our GIS layers are shared and we share the split jurisdiction with the Village of Deposit in both counties	8/23/2018 11:39 AM

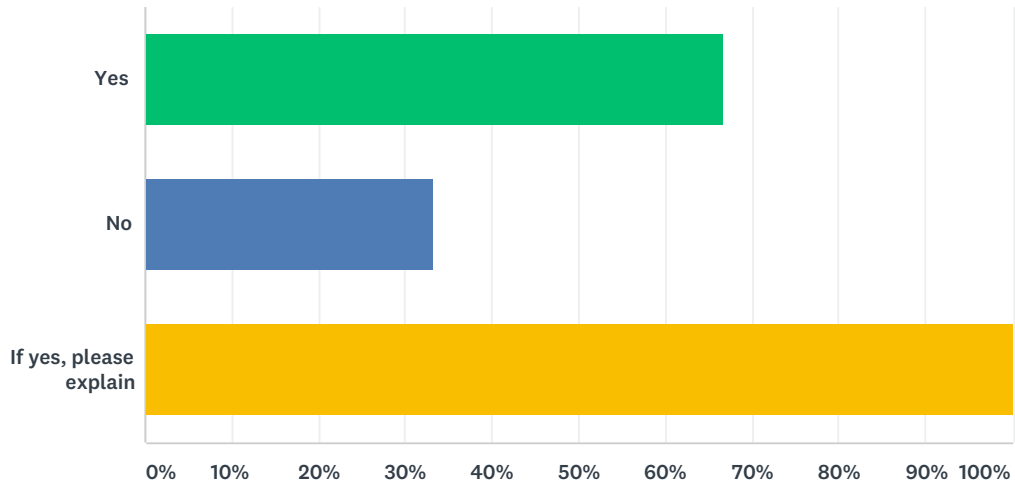
Q9 Thinking about emergency operations and disaster response, please explain how these actions are communicated between counties.

Answered: 3 Skipped: 2

#	RESPONSES	DATE
1	Not sure. Do not have the familiarity or expertise to answer this.	8/29/2018 2:52 PM
2	Conference Calls, emails, phone calls, etc.	8/28/2018 2:13 PM
3	Contact through the 911 offices and emergency services.	8/23/2018 11:42 AM

Q10 Do you collaborate with Broome County on establishing evacuation routes and alternate evacuation routes?

Answered: 3 Skipped: 2

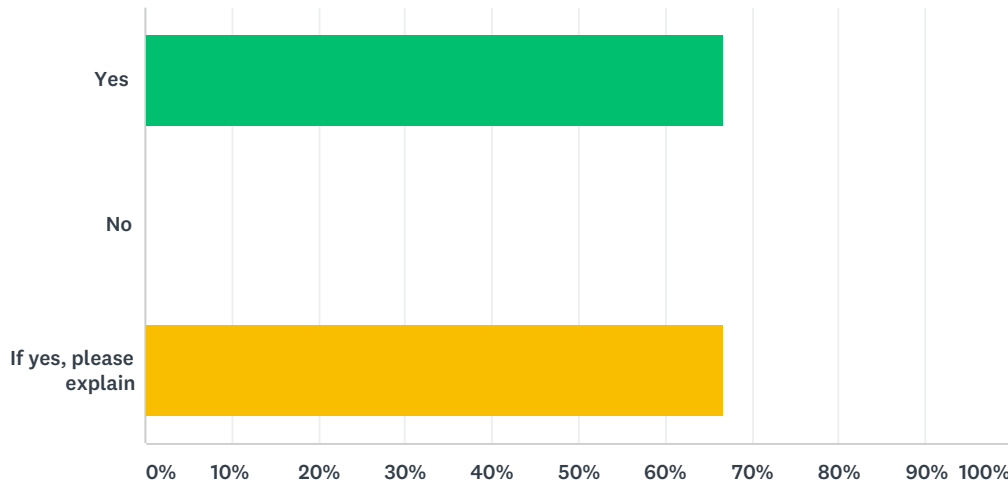


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
If yes, please explain	100.00% 3
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	But we should, especially on the south side of the Susq River.	8/29/2018 2:52 PM
2	Through the respective EOC's.	8/28/2018 2:13 PM
3	ON a case by case basis as needed based on the location of an event	8/23/2018 11:42 AM

Q11 Do you and Broome County consult with one another before making evacuation decisions that would impact one another (recommending evacuation routes into neighboring counties)?

Answered: 3 Skipped: 2

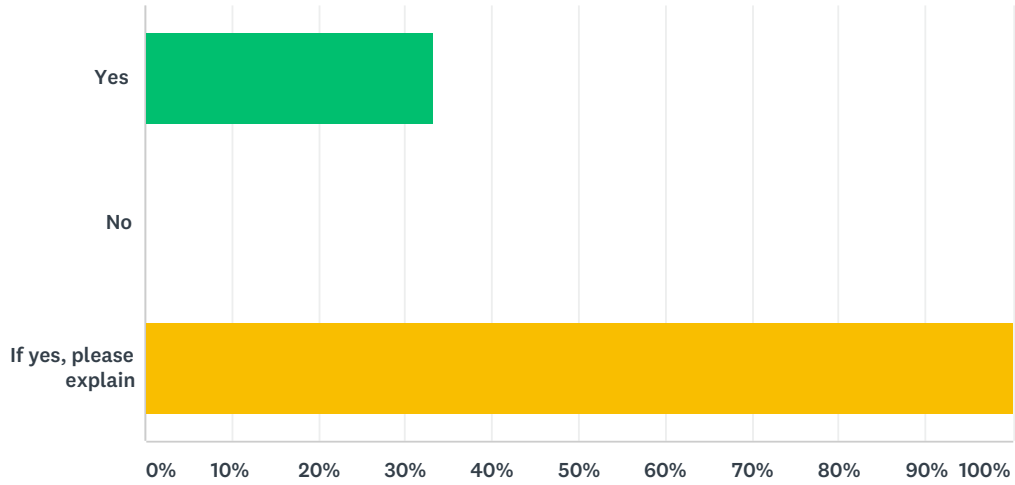


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	0.00% 0
If yes, please explain	66.67% 2
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Not sure.	8/29/2018 2:52 PM
2	On a case by case basis from our emergency command center	8/23/2018 11:42 AM

Q12 Do you collaborate with Broome County on establishing shelters?

Answered: 3 Skipped: 2

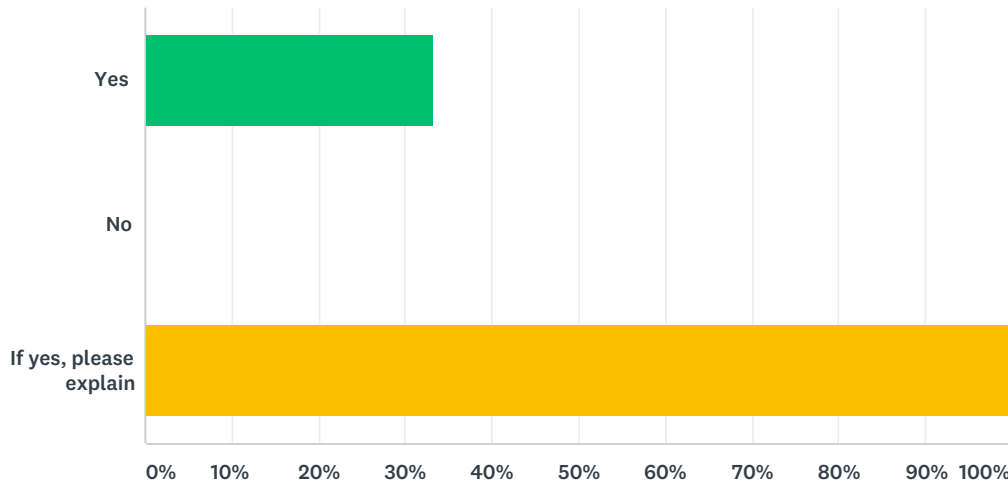


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	0.00% 0
If yes, please explain	100.00% 3
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Not sure, but I would guess not.	8/29/2018 2:52 PM
2	We would if a shelter would be necessary in the southern area of Chenango.	8/28/2018 2:13 PM
3	We have a shared vilage and we collaberate on shelters for their use	8/23/2018 11:42 AM

Q13 Do you and Broome County consult with one another before making sheltering decisions that would impact one another (recommending shelters in neighboring counties)?

Answered: 3 Skipped: 2

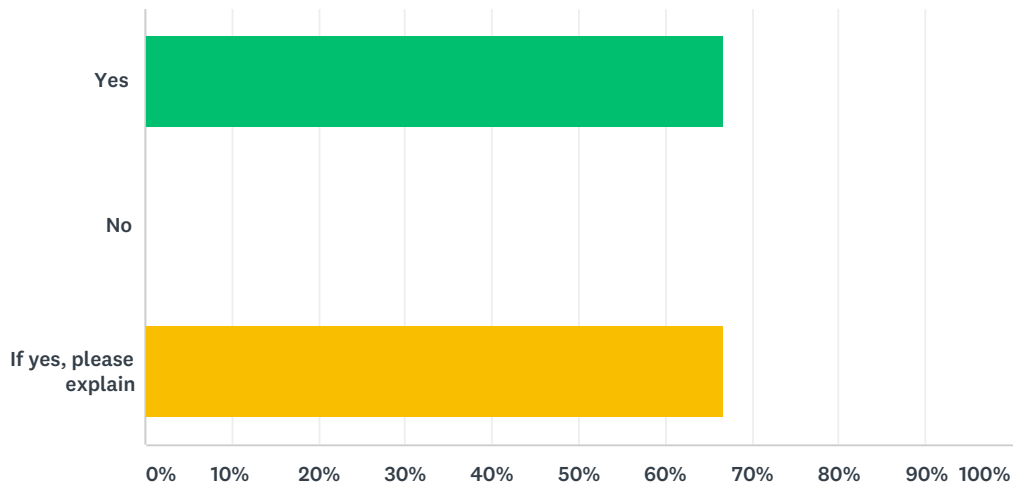


ANSWER CHOICES	RESPONSES
Yes	33.33% 1
No	0.00% 0
If yes, please explain	100.00% 3
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Again, most likely not.	8/29/2018 2:52 PM
2	We would if necessary.	8/28/2018 2:13 PM
3	This is done at the Emergency Command Center as needed	8/23/2018 11:42 AM

Q14 Does your county have access to contact information for Broome County's emergency operation centers at the county and local level?

Answered: 3 Skipped: 2



ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	0.00% 0
If yes, please explain	66.67% 2
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	Uncertain.	8/29/2018 2:52 PM
2	It is part of our reponse contacts	8/23/2018 11:42 AM

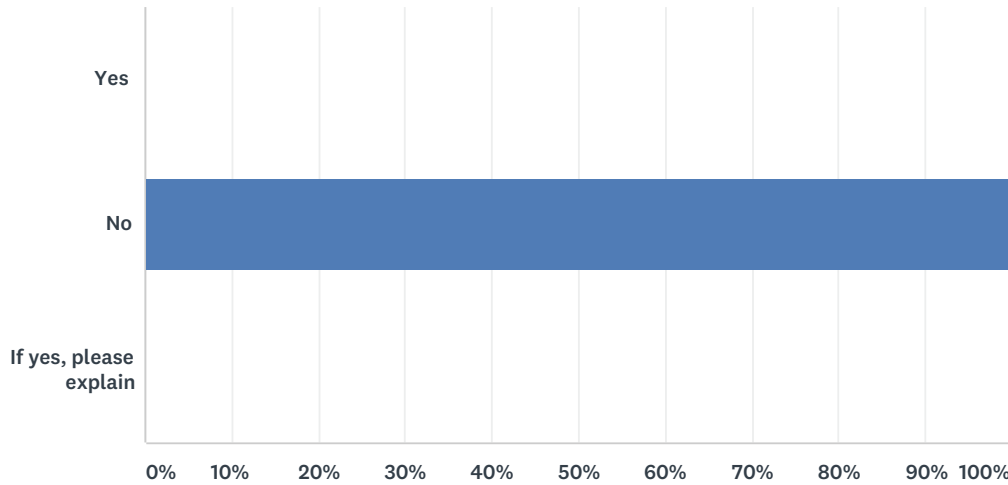
Q15 Please explain how information is shared between counties regarding mitigation projects.

Answered: 3 Skipped: 2

#	RESPONSES	DATE
1	Planners discuss among themselves in the Southern Tier East Region. Perhaps some more formal sharing should be established to identify collaborative opportunities.	8/29/2018 2:57 PM
2	Through respective EM's and DPW Directors.	8/28/2018 2:16 PM
3	This is primarily done through the planning departments	8/23/2018 11:46 AM

Q16 Is information regarding mitigation shared during the planning and implementation phases of the projects?

Answered: 3 Skipped: 2

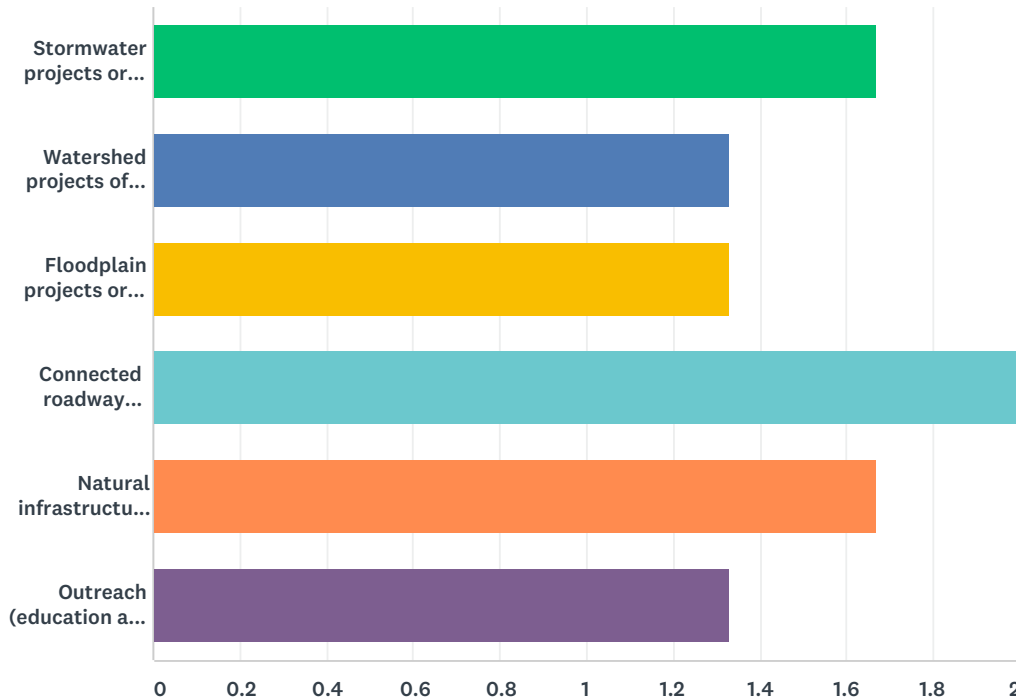


ANSWER CHOICES	RESPONSES
Yes	0.00% 0
No	100.00% 3
If yes, please explain	0.00% 0
Total Respondents: 3	

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

Q17 Are you aware of any projects for the following that requires cross-collaboration between county boundaries?

Answered: 3 Skipped: 2



	YES (IF YES, PLEASE EXPLAIN)	NO	TOTAL	WEIGHTED AVERAGE
Stormwater projects or planning	33.33% 1	66.67% 2	3	1.67
Watershed projects of planning	66.67% 2	33.33% 1	3	1.33
Floodplain projects or planning	66.67% 2	33.33% 1	3	1.33
Connected roadway improvements	0.00% 0	100.00% 3	3	2.00
Natural infrastructure restoration	33.33% 1	66.67% 2	3	1.67
Outreach (education and outreach campaigns, Programs for Public Information, etc.)	66.67% 2	33.33% 1	3	1.33

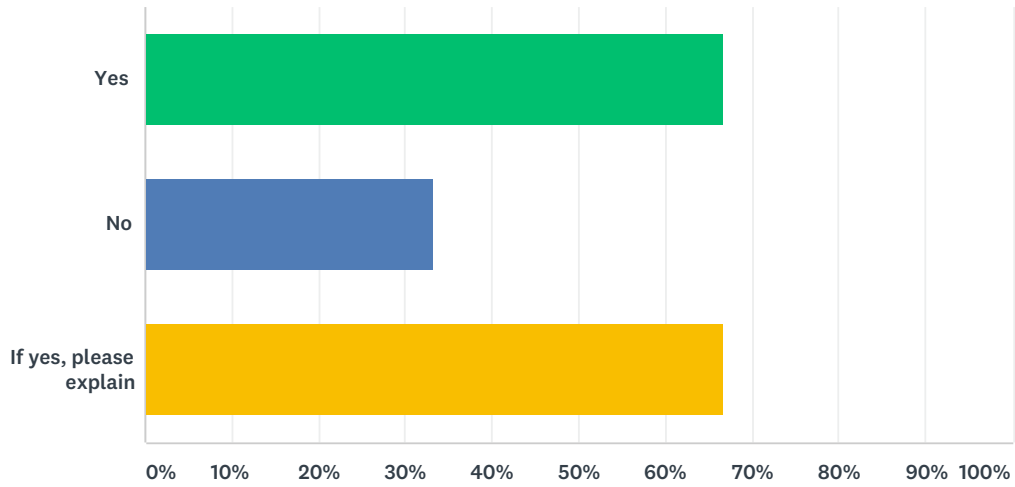
#	COMMENTS FOR "STORMWATER PROJECTS OR PLANNING"	DATE
1	Butler Brook and Oquaga Creek drainage basin projects	8/23/2018 11:46 AM
#	COMMENTS FOR "WATERSHED PROJECTS OF PLANNING"	DATE
1	The Susquehanna River Regional Watershed Assessment funded by NY Rising.	8/29/2018 2:57 PM
2	Delaware River Strema Corridor Management Planning and Implementation	8/23/2018 11:46 AM
#	COMMENTS FOR "FLOODPLAIN PROJECTS OR PLANNING"	DATE
1	Through DEC	8/28/2018 2:16 PM

Broome County Hazard Mitigation Plan Update - Neighboring County Survey

2	Oquaga Creek floodplain restoration and enhancement	8/23/2018 11:46 AM
#	COMMENTS FOR "CONNECTED ROADWAY IMPROVEMENTS"	DATE
	There are no responses.	
#	COMMENTS FOR "NATURAL INFRASTRUCTURE RESTORATION"	DATE
1	The Upper Susquehanna Trees For Tribes Program	8/29/2018 2:57 PM
#	COMMENTS FOR "OUTREACH (EDUCATION AND OUTREACH CAMPAIGNS, PROGRAMS FOR PUBLIC INFORMATION, ETC.)"	DATE
1	The Broome-Tioga Stormwater Coalition's stormwater education campaign called Water From Rain at waterfromrain.org, as well as television commercials and radio psa's.	8/29/2018 2:57 PM
2	Upper Delaware Tailwaters Stream corridor Management program	8/23/2018 11:46 AM

Q18 Are you aware of any organizations that carry out education and outreach regarding natural hazards in both counties?

Answered: 3 Skipped: 2

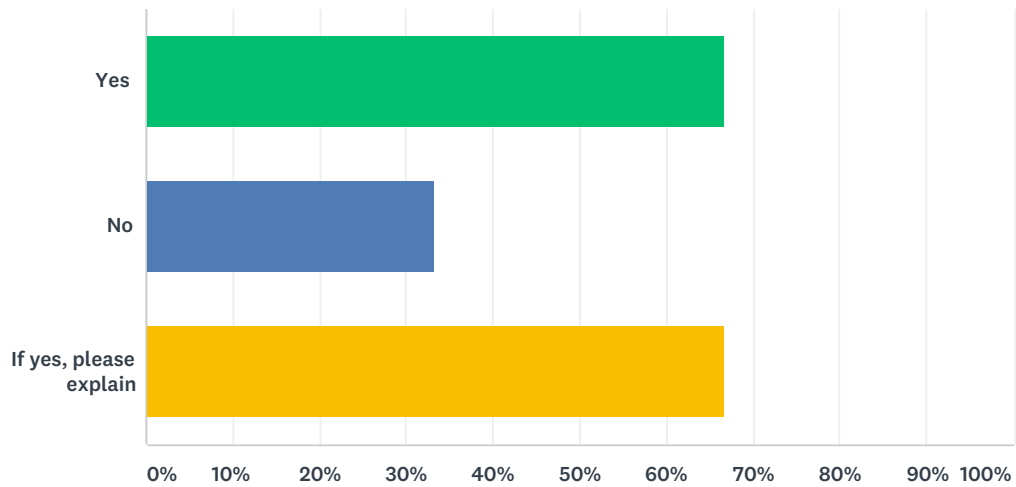


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
If yes, please explain	66.67% 2
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	DEC, DHSES	8/28/2018 2:16 PM
2	Susquehanna River Basin Commission and Susquehanna NY Rising Committee	8/23/2018 11:46 AM

Q19 Have your county and Broome County collaborated on grant applications?

Answered: 3 Skipped: 2

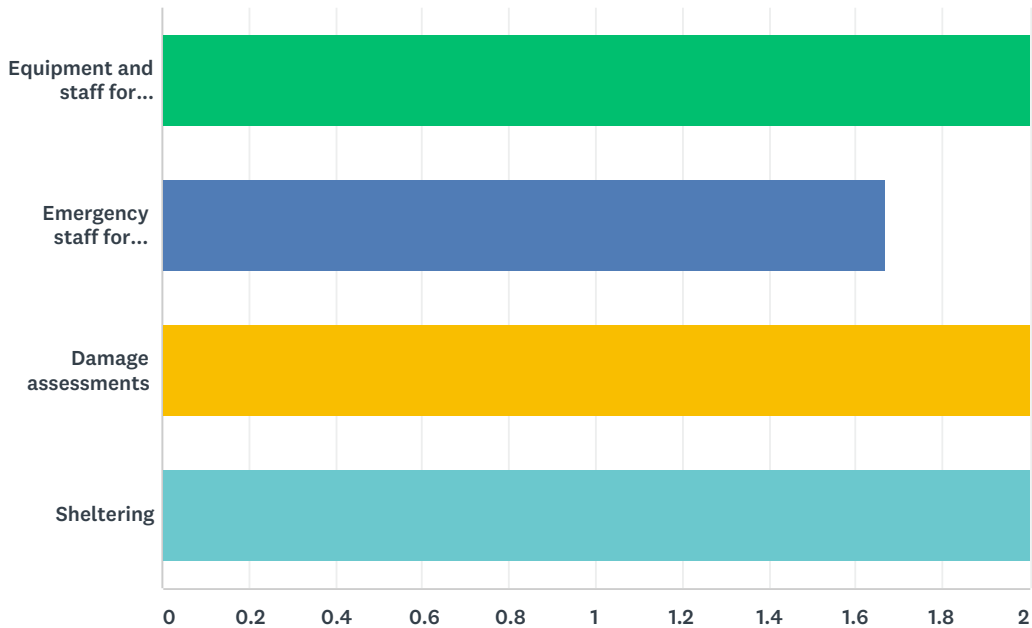


ANSWER CHOICES	RESPONSES
Yes	66.67% 2
No	33.33% 1
If yes, please explain	66.67% 2
Total Respondents: 3	

#	IF YES, PLEASE EXPLAIN	DATE
1	A NOAA Community Resiliency Program grant which was not funded.	8/29/2018 2:57 PM
2	Hazmat	8/28/2018 2:16 PM

Q20 Do you have any shared service agreements or mutual aid agreements in place with Broome County at the county level for the following?

Answered: 3 Skipped: 2



	YES (IF YES, PLEASE EXPLAIN)	NO	TOTAL	WEIGHTED AVERAGE
Equipment and staff for debris cleanup and snow removal	0.00% 0	100.00% 3	3	2.00
Emergency staff for evacuations/disaster response	33.33% 1	66.67% 2	3	1.67
Damage assessments	0.00% 0	100.00% 3	3	2.00
Sheltering	0.00% 0	100.00% 3	3	2.00

#	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
1	Through Southerntier IMT.	8/28/2018 2:16 PM
#	COMMENTS FOR "DAMAGE ASSESSMENTS"	DATE
	There are no responses.	
#	COMMENTS FOR "SHELTERING"	DATE
	There are no responses.	



D.3 Website and Social Media Posts

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

Figure D-1. June 13, 2018 Planning Department Facebook Post

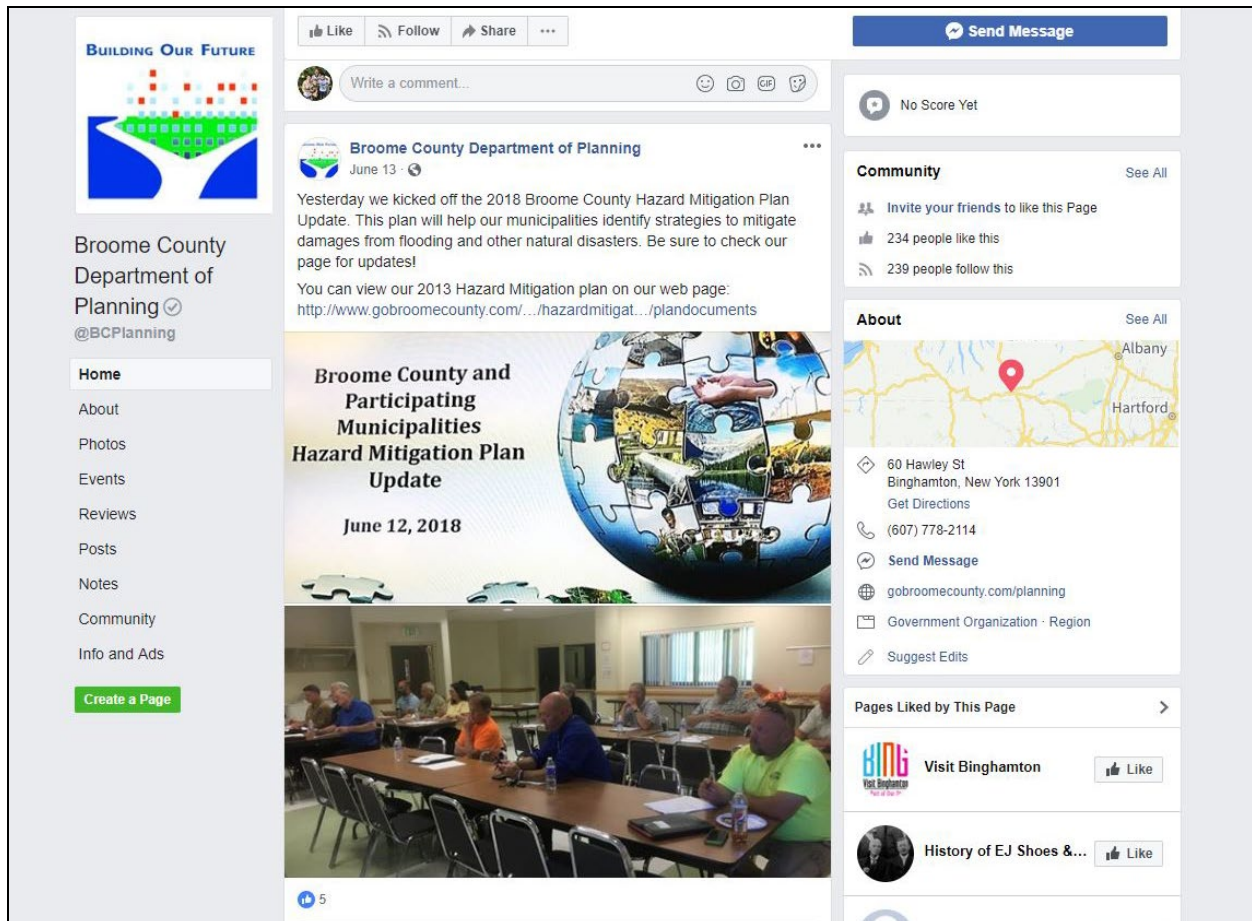




Figure D-2. Broome County Department of Planning Website

The screenshot displays the Broome County Department of Planning website. The main content area is titled "Hazard Mitigation" and includes an introductory paragraph about the County-wide Hazard Mitigation Plan (HMP) update project. A prominent green "Survey" call-to-action bubble is present. Below the introduction is a circular diagram with four quadrants: "Mitigation & Prevention", "Preparedness", "Recovery", and "Resilience". The text explains that disasters can cause significant damage and that hazard mitigation is an effort to reduce loss of life and property by lessening the impact of disasters. It lists five types of mitigation actions: identifying actions for risk reduction, focusing on the greatest risks, building partnerships, increasing public education, and aligning risk reduction with other community objectives. The page also features a "Contact Information" sidebar with details for Frank Evangelisti, Director, and a "QUICK LINKS" section with buttons for "BROOME ONLINE" and "EXPLORE BROOME".



Figure D-3. Town of Chenango Website

The screenshot shows the website for the Town of Chenango. The header includes the town's name, address (1529 State Route 12, Binghamton, NY 13901), and contact information for the Town Court and Town Hall. A navigation menu lists various services like Town Officials & Departments, Board Meetings & Public Hearings, Announcements & Upcoming Events, Employment, and Help Center & Download Forms. A search bar is also present.

The main content area is titled "All-Hazard Mitigation Plan for the County" and includes a breadcrumb trail: "Town of Chenango Home » Announcements & Upcoming Events » All-Hazard Mitigation Plan for the County".

The text on the page explains that Broome County is updating its All-Hazard Mitigation Plan and is conducting surveys to gather feedback from stakeholders. It lists several survey categories with links to the respective survey pages:

- Academia – <https://www.surveymonkey.com/r/BroomeAcademiaSurvey>
- Business/Commerce – <https://www.surveymonkey.com/r/BroomeBusinessSurvey>
- Emergency Services (police, fire, EMS) – <https://www.surveymonkey.com/r/BroomeESSurvey>
- Hospitals and Health Care – <https://www.surveymonkey.com/r/BroomeHealthSurvey>
- Highway and Public Works – <https://www.surveymonkey.com/r/BroomePWSurvey>
- Utility – <https://www.surveymonkey.com/r/BroomeUtilitySurvey>

The page also mentions a citizen survey for natural hazard events and provides a link to it: <https://www.surveymonkey.com/r/BroomeHMPSurvey>.

At the bottom, it notes that more information can be found in a fact sheet and on the project website (<http://www.gobroomecounty.com/planning/hazardmitigation>).

On the right side of the page, there is a sidebar titled "All Announcements" with a sub-section "Other Posts in On Homepage" listing several recent announcements:

- Children's Holiday Party
- Wreaths Across America
- The Highway Department will need to take bags of leaves for the remainder of the month due to the inclement weather. The bags will not be emptied as usual. We thank you in advance for your understanding.
- Flood 2018 Information
- Applicants for the position of Attorney
- Final Tax Roll for 2018
- Map Plan Report for Proposed Sewer Dist. No. 12 Chenango Heights
- All-Hazard Mitigation Plan for the County





Figure D-4. Town of Dickinson Website



Figure D-5. Town of Union Website

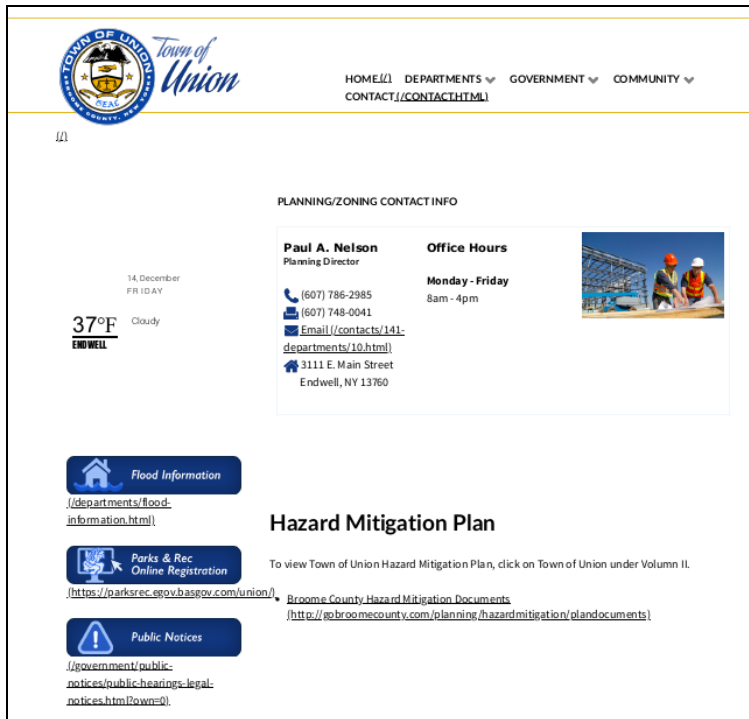




Figure D-6. Greater Binghamton Today, September 1, 2018 Facebook Post

Greater Binghamton Today
September 1, 2018

IMPORTANT: Here is a chance for you to have input. And for those of you who live in the Endwell or Vestal areas, You have an opportunity to suggest a new emergency route (Bridge) between Endwell and Vestal connecting to the highway. This is something many of our first responders (especially the fire dept) have requested as Endwell and Vestal share and respond to each others calls. As it is now, they can be delayed by over 15 minutes depending upon traffic conditions. That can be the difference of life/death in a natural disaster, traffic accident or home fire or saving a structure. And, as was with the 2011 flood, it can give an alternate route out when so many of our roads were washed out or flooded.
(feel free to share this post)

SURVEYMONKEY.COM
Broome County Hazard Mitigation Plan Update - Citizen Survey
Web survey powered by SurveyMonkey.com.
Create your own online survey now with SurveyMonkey's expert certified FREE templates.

4 2 Comments 3 Shares

Figure D-7. Greater Binghamton Today Email

HAZARD MITIGATION

Broome County Hazard Mitigation Plan Input

Broome County is updating the *All-Hazard Mitigation Plan* for the County and its municipalities. The information provided through the survey will help the County coordinate activities to reduce the risk of future injury or property damages during hazardous events, such as floods, severe storms, winter storms, and others.

Please fill out a quick survey for businesses:

TAKE SURVEY