

What's Important to the Management of the Nags Head Estuarine Shoreline?

Wednesday, May 18, 2022

67

Total Responses

Date Created: Wednesday, April 06, 2022

Complete Responses: 67

Key Survey Takeaways

Survey 1

- Most survey participants ***live in Nags Head over 20 years*** and are ***full-time homeowners***.
 - Most survey participants consider themselves ***somewhat knowledgeable*** about understanding management issues around the estuarine shoreline as they pertain to environmental, climate and related hazards' impact on Nags Head.
 - Most property owners ***do not own an estuarine shoreline based property***, however ***most do utilize the public sound access points*** on the estuarine shoreline.
 - The most common access point is ***Jockey's Ridge State Park***.
 - ***Access to water and parking are the preferred critical needs*** for the Town to prioritize public access.
 - ***Relaxing, kayaking/canoeing, and fishing*** are the top 3 activities on the estuarine shoreline.
 - ***Bulkhead, vegetation only, breakwater and revetment*** are the most familiar estuarine shoreline protection solutions.
 - ***The majority of survey participants would support the research and evaluation of alternative construction materials and solutions*** to modify existing bulkheads to create a less abrupt division between land and water.
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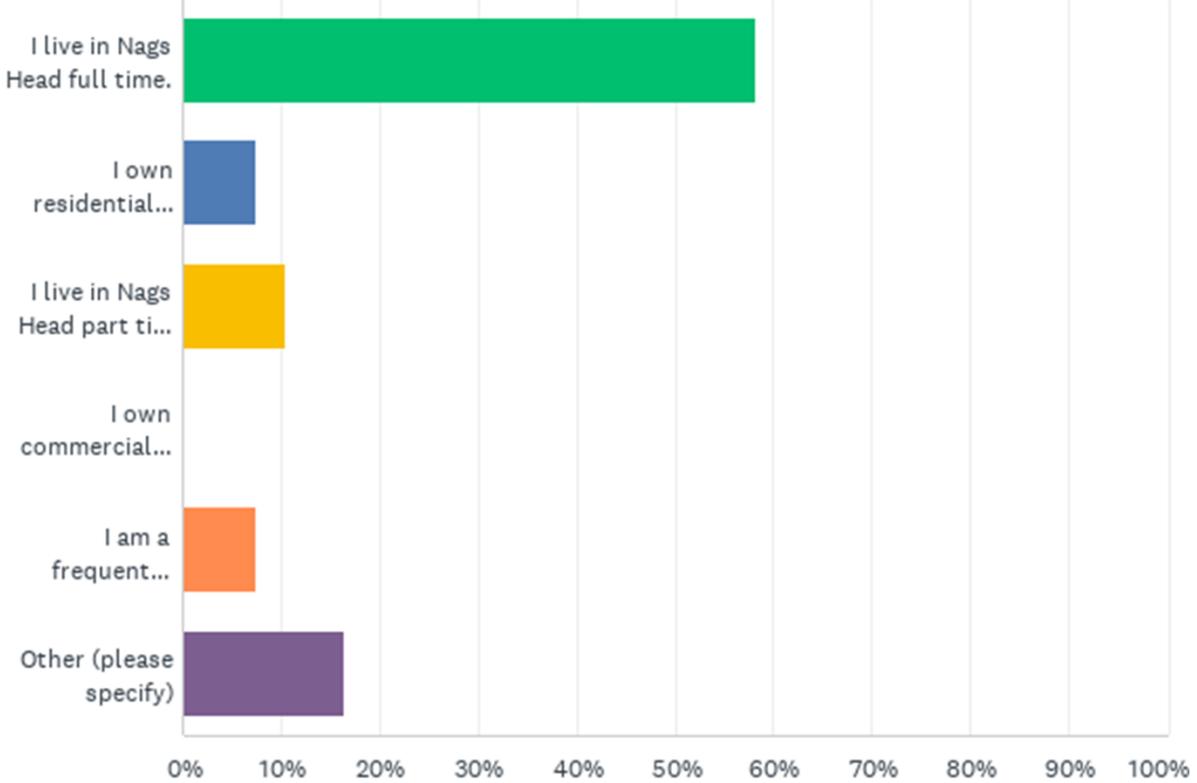
Key Survey Takeaways

Survey 1

- ***Providing recreational access, bridges/roads flooding or being blocked, flooding from the estuarine side, and turbulence or erosion caused by waves rebounding from hardened shoreline surfaces such as bulkheads*** are the top five most concerned management issues along the estuarine shoreline.
 - ***Recreational, personal property, infrastructure, people and cultural*** are the top five most important estuarine shoreline benefits.
 - ***Protecting private (residential and commercial) property*** is the most important priority regarding planning for environmental and climate related hazards along the estuarine shoreline.
 - ***Webpages and social media*** are the most effective ways for survey participants to receive information.
 - New homeowners along the estuarine shoreline should be educated about shoreline management options via ***a new homeowner welcome packet and outreach events by the Town.***
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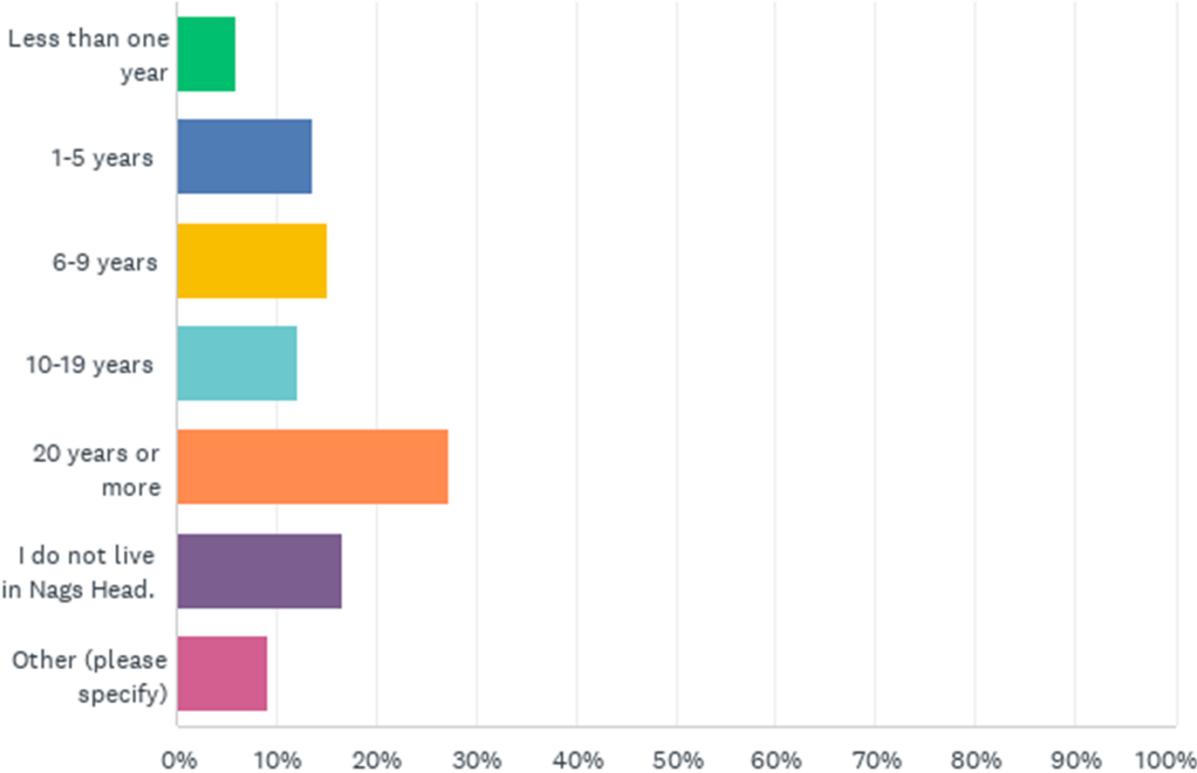
Q1: What is your relationship to Nags Head? (Select all that apply)

Answered: 67 Skipped: 0



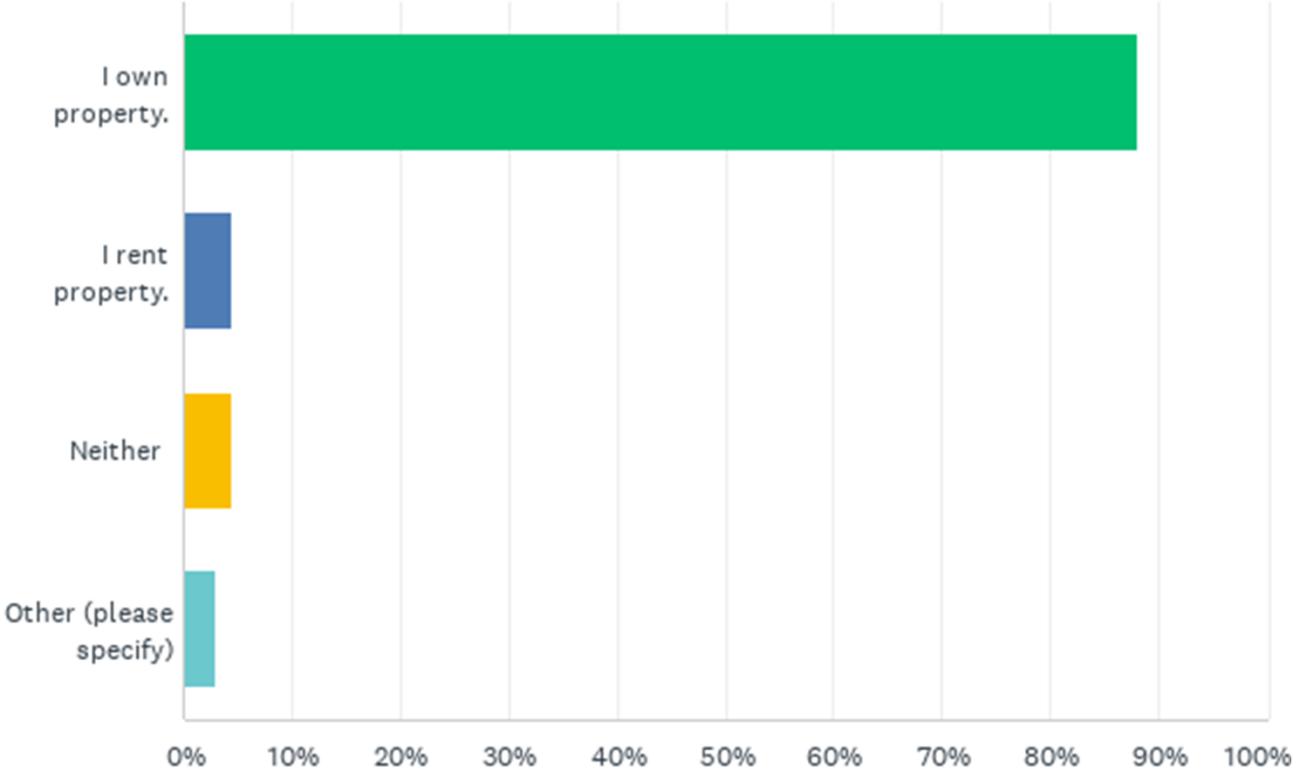
Q3: How long have you lived in Nags Head?

Answered: 66 Skipped: 1



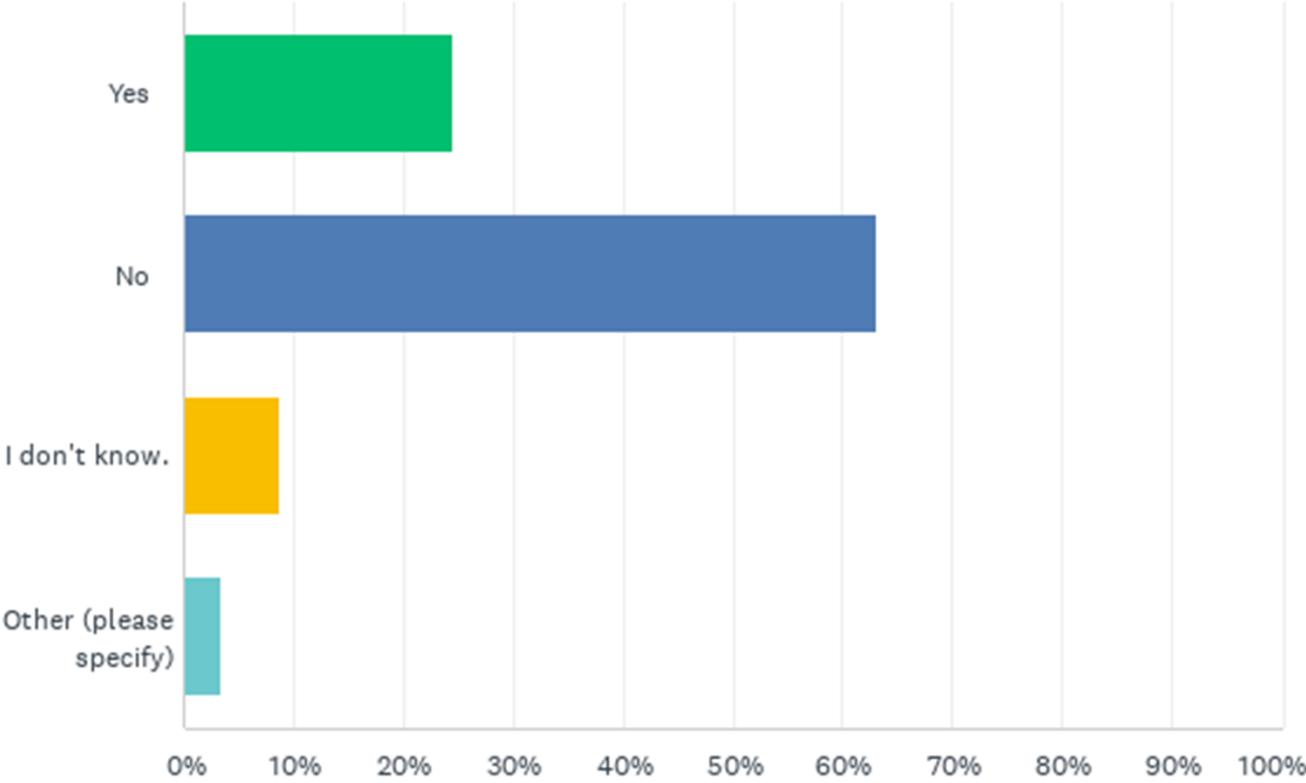
Q4: Do you own or rent property?

Answered: 67 Skipped: 0



Q5: If you own your property, is it an estuarine shoreline property?

Answered: 57 Skipped: 10



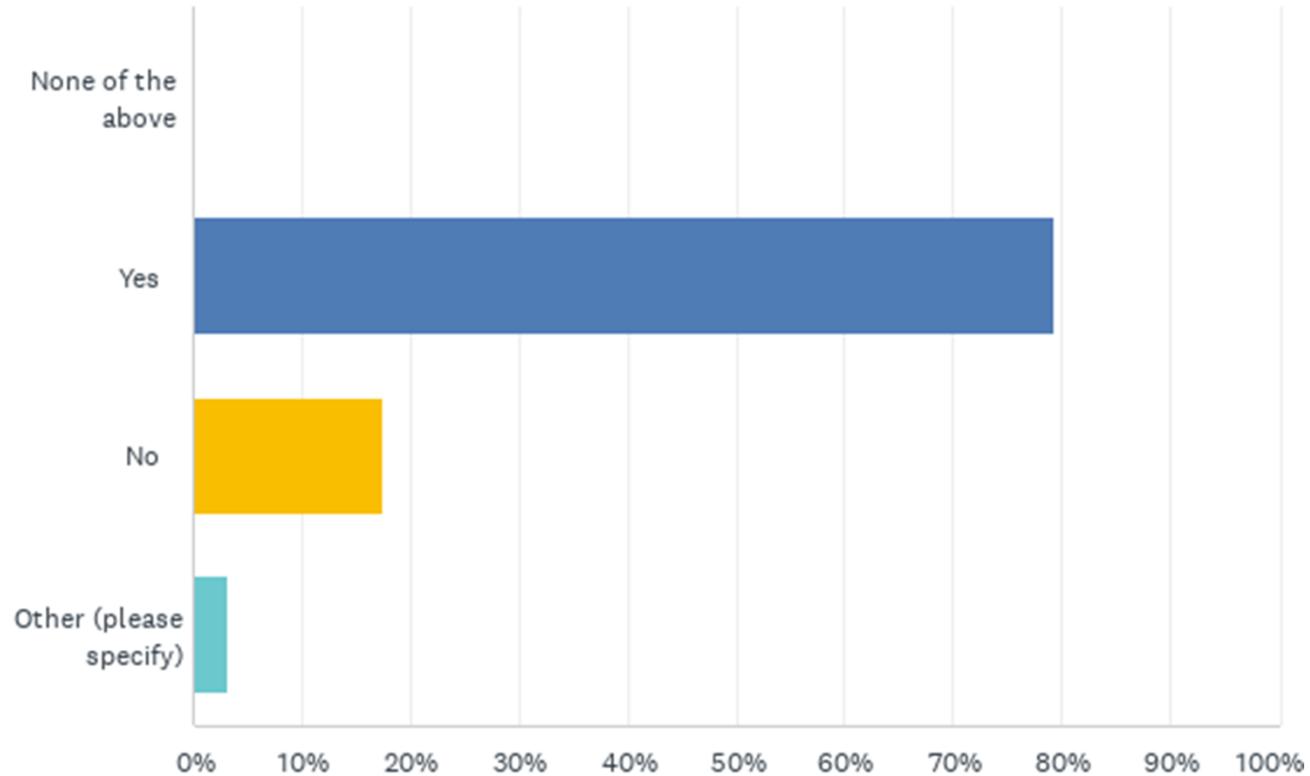
Q6: Please share any concerns you may have about your estuarine shoreline property

Answered: 17 Skipped: 50

- Rising water level in the sound in creating more erosion
 - I enjoy the shoreline and views of the sound and would like the shoreline and views to remain spectacular
 - Preservation of shoreline and marine resources
 - The large houses on the shoreline block the sand carried from the sound side in the summer.
 - The natural flow of water has been changed due to bulkheads and the past build up around causeway and the causing excess flooding in areas with out bulkhead
 - My main estuarine concern is addressing the 3-4 types of estuarine properties that exist within the 17 miles of shoreline. There is a commonality within the 3-4 types that can be addressed properly for the existing situation.
 - Increase in water level, pollution and general environmental degradation
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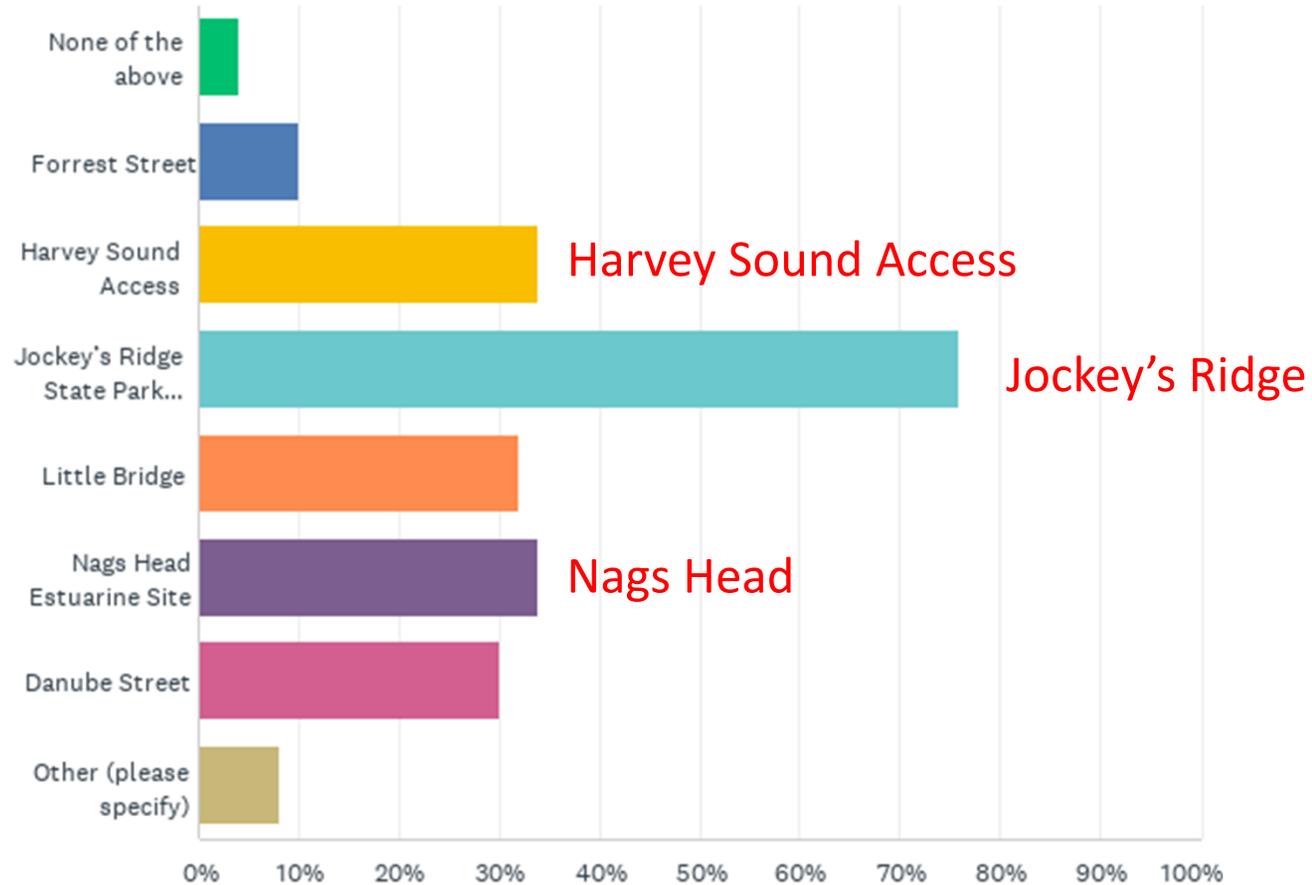
Q7: Do you utilize any of the public sound access points on the estuarine shoreline? (Please note access points are provided in the graphic above.)

Answered: 63 Skippec



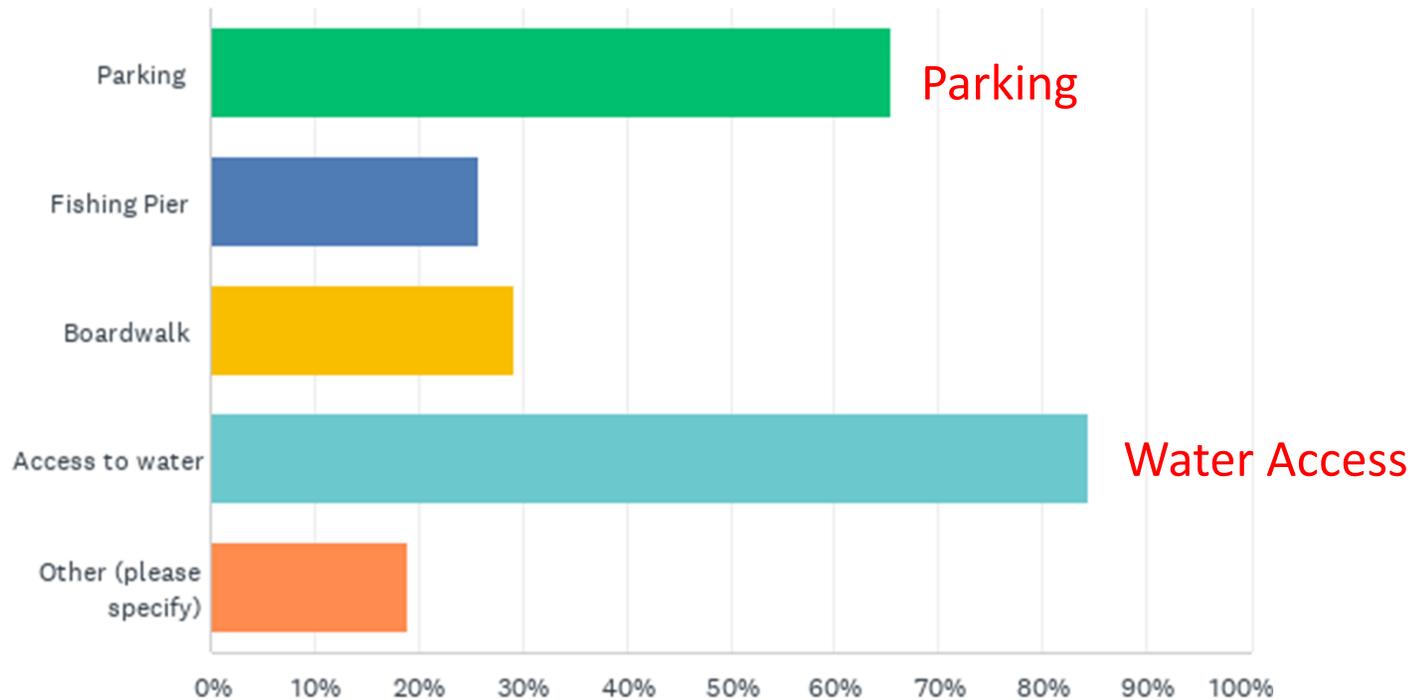
Q8: If “yes”, which one(s)? Select all that apply. You can view a list of the access points and information about there [HERE](#).

Answered: 50 Skipped: 0



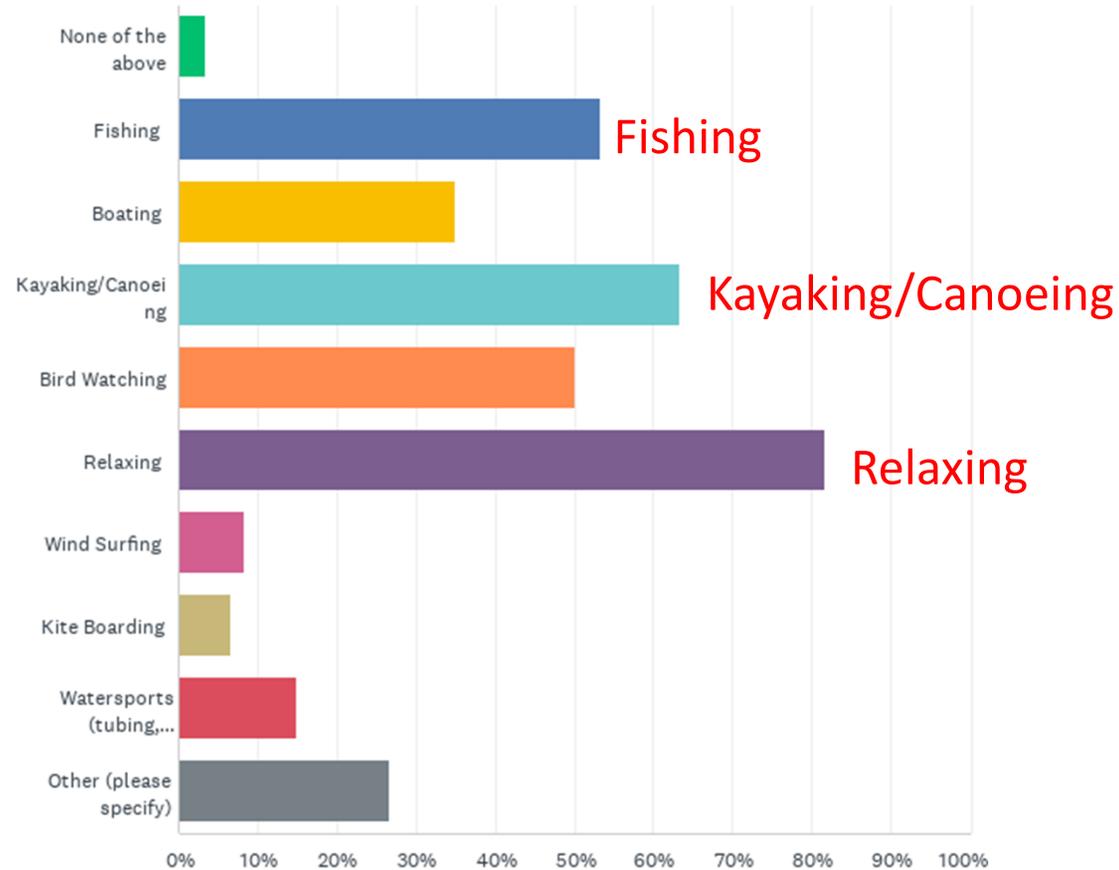
Q9: Which of the following are critical access needs for the Town to prioritize public access as part of this Plan? (Select all the apply)

Answered: 58 Skipped: 9



Q10: What type of activities do you participate in along the estuarine shoreline or in the sound?

Answered: 60 Skipped: 7



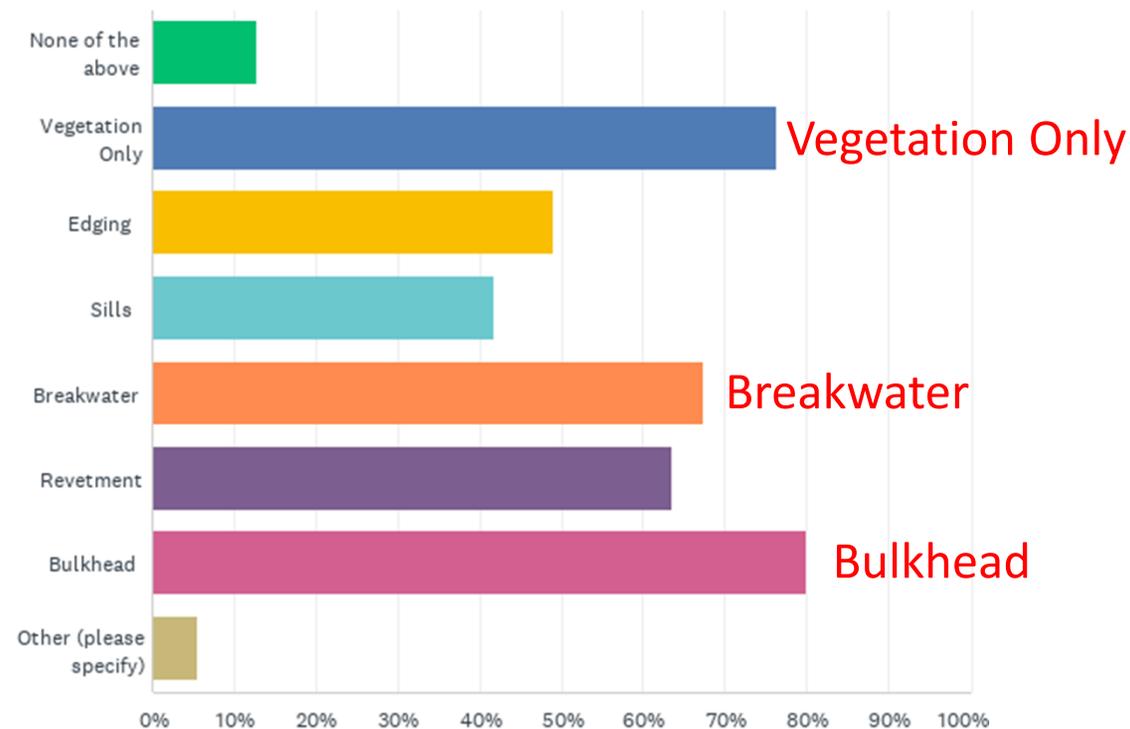
Q11: Please share any information about public access to the estuarine shoreline and sound you wish for the Planning Team to know.

Answered: 19 Skipped: 48

- Keep these natural and beautiful.
 - There is very little public access to our soundfront areas especially in comparison to the ocean access in NH.
 - The Soundside Boardwalk project that was discussed in the past would be a very popular, much like it is in the Town of Duck.
 - Sound access is a huge feature for our visits. Greatly enjoy jockey ridge and nature preserve. Support non car access such as bike access and kayak access.
 - I do not want any public access in my small residential neighborhood. Also access will disrupt bird watching, habitat life, water quality, relaxation for myself and waterfront neighbors.
 - Control erosion and enhance fish habitat
 - The sound side beach next to Jockeys Ridge State Park has way too much use. The town must look elsewhere to provide more sound access.
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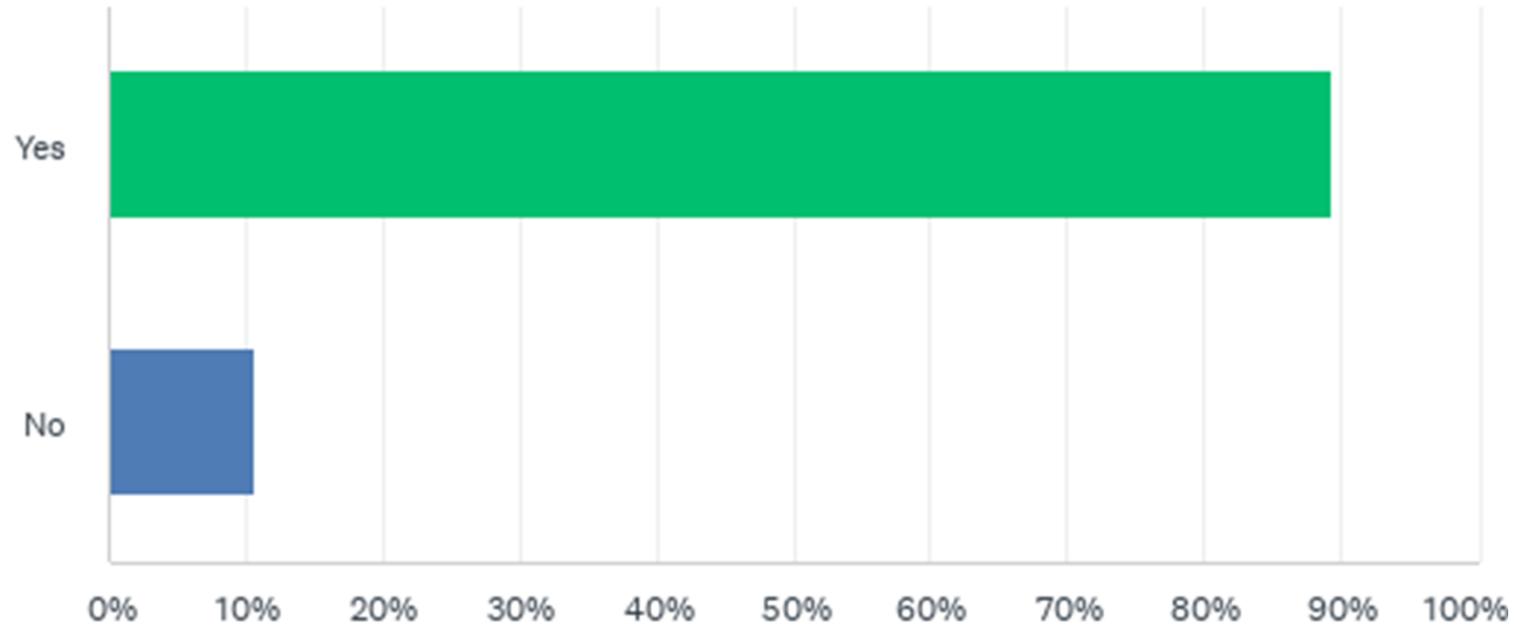
Q12: Are you familiar with any of the following estuarine shoreline protection solutions as shown in the above figure? (Select all that apply)

Answered: 55 Skipped: 12



Q13: Would you support the research and evaluation of alternative construction materials and solutions to modify existing bulkheads to create a less abrupt division between land and water?

Answered:



Q14: Please provide any comments about these shoreline solutions.

Answered: 18 Skipped: 49

- For property protection from severe storms only bulkheads and possibly revetments do the job.. Sand fill should be explored as a means to establish marsh shorelines in front of the bulkhead. It's important to use this opportunity to consider other options beyond those which have allowed by current regulation.
- Please keep in mind access for certain water sports like kite boarding and how to provide protection without making access more dangerous or difficult for this use.I'd like to commend the Town of Nags Head for initiating the novel and important effort to develop an estuarine shoreline management plan.
- Shoreline solutions up in Norfolk area are used that provide nice U shaped sand beaches behind T shaped Groins. Have not seen those used in NC sounds.
- It is sad to see so much loss of vegetation throughout our estuarine shoreline. I would be in favor of any steps we can take to reestablish the natural habitat.
- We have been looking into erosion solutions for many years but have not decided what to do and also maintain our waterfront property shoreline and still have access for our water based activities.

Q15: How concerned are you about the following management issues along the estuarine shoreline?

Answered: 49 Skipped: 18

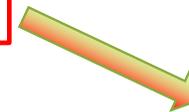
	VERY CONCERNED	SOMEWHAT CONCERNED	NEUTRAL	SOMEWHAT NOT CONCERNED	NOT CONCERNED	N/A	TOTAL	WEIGHTED AVERAGE
Providing recreational access	31.25% 15	47.92% 23	10.42% 5	4.17% 2	6.25% 3	0.00% 0	48	2.06
Bridges/roads flooding or being blocked	23.91% 11	58.70% 27	13.04% 6	2.17% 1	2.17% 1	0.00% 0	46	2.00
Flooding from the estuarine side	25.00% 12	58.33% 28	12.50% 6	2.08% 1	2.08% 1	0.00% 0	48	1.98
Turbulence or erosion caused by waves rebounding from hardened shoreline surfaces such as bulkheads	37.50% 18	41.67% 20	14.58% 7	4.17% 2	2.08% 1	0.00% 0	48	1.92
Improving of bulkheads/riprap to improve water quality, habitat, and storm protection	43.75% 21	35.42% 17	16.67% 8	2.08% 1	2.08% 1	0.00% 0	48	1.83
Stormwater system being overwhelmed in an extreme rainfall	34.78% 16	63.04% 29	0.00% 0	2.17% 1	0.00% 0	0.00% 0	46	1.70
Land loss along the estuarine shoreline	52.08% 25	37.50% 18	6.25% 3	2.08% 1	2.08% 1	0.00% 0	48	1.65
Preserving the visual appearance and character of vegetated shoreline	50.00% 24	41.67% 20	6.25% 3	2.08% 1	0.00% 0	0.00% 0	48	1.60
Loss of marsh habitat	61.22% 30	30.61% 15	4.08% 2	2.04% 1	2.04% 1	0.00% 0	49	1.53
Other (please specify below)	37.50% 3	0.00% 0	12.50% 1	0.00% 0	0.00% 0	50.00% 4	8	1.50
Water quality in the sound	69.39% 34	26.53% 13	4.08% 2	0.00% 0	0.00% 0	0.00% 0	49	1.35



#1 Recreational Access



#2 Bridges/Roads being flooded



#3 Flooding from estuarine side

Q16: In your opinion, which of the following estuarine shoreline benefits are most important to you?

Answered: 49 Skipped: 18

	VERY IMPORTANT	SOMEWHAT IMPORTANT	NEUTRAL	NOT VERY IMPORTANT	NOT IMPORTANT	N/A	TOTAL	WEIGHTED AVERAGE
Recreational: Water access, place for people to gather, recreational opportunities	46.81% 22	36.17% 17	8.51% 4	4.26% 2	4.26% 2	0.00% 0	47	1.83
Personal property: Protection of property adjacent to the shoreline	48.98% 24	26.53% 13	16.33% 8	2.04% 1	4.08% 2	2.04% 1	49	1.83
Infrastructure: Preventing damage/loss of roads, bridges, utilities, etc.	56.25% 27	31.25% 15	6.25% 3	2.08% 1	4.17% 2	0.00% 0	48	1.67
People: Preventing injuries and/or loss of life	58.33% 28	29.17% 14	6.25% 3	0.00% 0	4.17% 2	2.08% 1	48	1.60
Cultural: Viewsheds, open character, natural vistas	56.25% 27	31.25% 15	12.50% 6	0.00% 0	0.00% 0	0.00% 0	48	1.56
Estuarine Shoreline Benefits Very Important Somewhat Important Neutral Not Very Important Not Important	62.50% 25	27.50% 11	2.50% 1	0.00% 0	0.00% 0	7.50% 3	40	1.35
Ecological / Ecosystem: Habitat and water quality, absorbing wave energy	69.39% 34	26.53% 13	4.08% 2	0.00% 0	0.00% 0	0.00% 0	49	1.35



#1 Recreation



#2 Private Property



#3 Infrastructure

Q17: Natural hazards can have a significant impact on a community but planning for these types of events can help lessen the impacts. The following statements will help us determine priorities regarding planning for environmental and climate related hazards along the estuarine shoreline. Please tell us how each statement is important to you by checking the appropriate answer choice.

#1 Protecting Private Property 

#2 Protecting Recreational Access 

#3 Protecting Local Business 

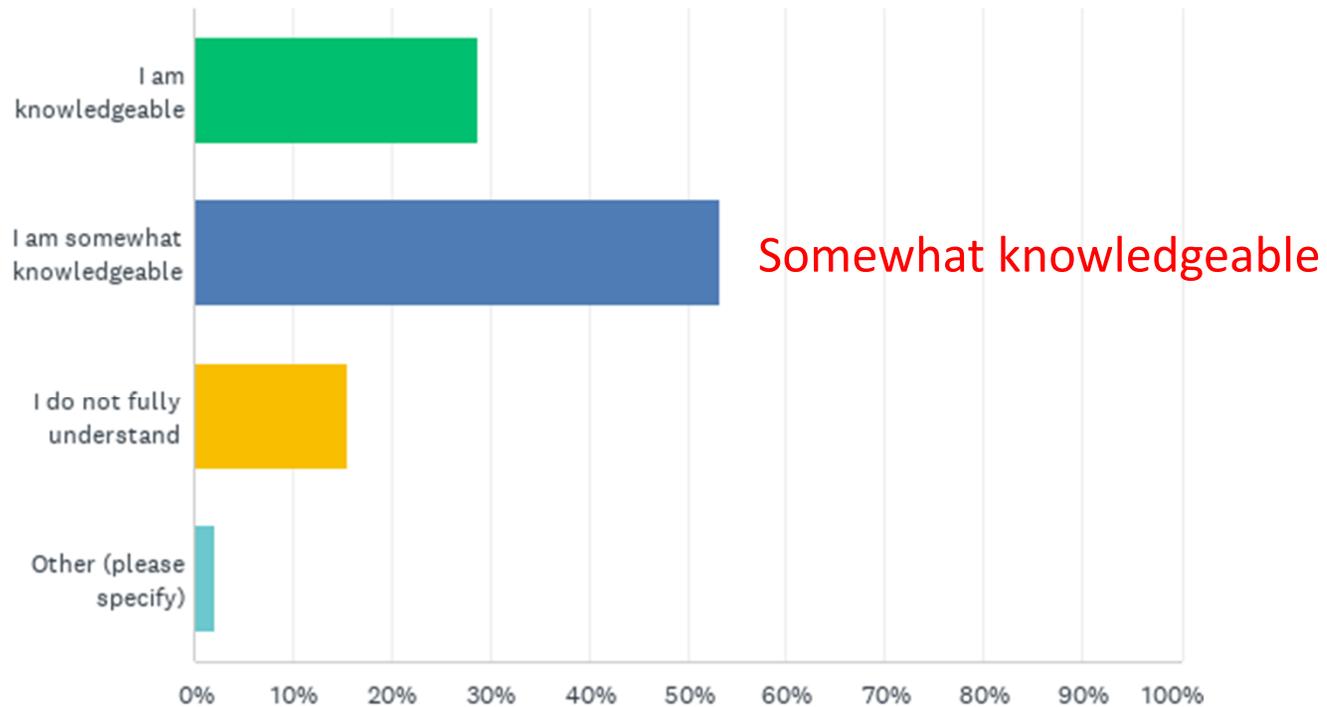
	VERY IMPORTANT	SOMEWHAT IMPORTANT	NEUTRAL	NOT VERY IMPORTANT	NOT IMPORTANT	N/A	TOTAL	WEIGHTED AVERAGE
Protecting private (residential and commercial) property	39.58% 19	43.75% 21	10.42% 5	4.17% 2	2.08% 1	0.00% 0	48	1.85
Protecting recreational access	48.94% 23	31.91% 15	12.77% 6	2.13% 1	4.26% 2	0.00% 0	47	1.81
Protecting local business	38.30% 18	46.81% 22	12.77% 6	2.13% 1	0.00% 0	0.00% 0	47	1.79
Protecting and reducing damage to utilities	52.17% 24	41.30% 19	4.35% 2	0.00% 0	2.17% 1	0.00% 0	46	1.59
Preventing development in areas prone to flooding	63.83% 30	23.40% 11	6.38% 3	4.26% 2	2.13% 1	0.00% 0	47	1.57
Protecting roads and bridges	57.45% 27	36.17% 17	4.26% 2	0.00% 0	2.13% 1	0.00% 0	47	1.53
Protecting historic and cultural landmarks	66.67% 32	27.08% 13	4.17% 2	0.00% 0	2.08% 1	0.00% 0	48	1.44
Enhancing the function of natural resources to aid in property protection while preserving habitat	72.92% 35	16.67% 8	8.33% 4	0.00% 0	2.08% 1	0.00% 0	48	1.42
Conserving open space	83.33% 40	14.58% 7	2.08% 1	0.00% 0	0.00% 0	0.00% 0	48	1.19

Q18: Share any comments or concerns you would like the Planning Team to be aware of as they develop the Nags Head Estuarine Shoreline Management Plan

- Prioritizing recreation over public safety and ecological health is borderline negligent.
- It's important to use this opportunity to consider other options beyond those which have allowed by current regulation.
- I would not want to see removal of bulkheads that are critical to protecting property from storm related hazards such as high energy wave action and/or storm surge.
- I'd like to commend the Town of Nags Head for initiating the novel and important effort to develop an estuarine shoreline management plan.
- Preservation for the future.

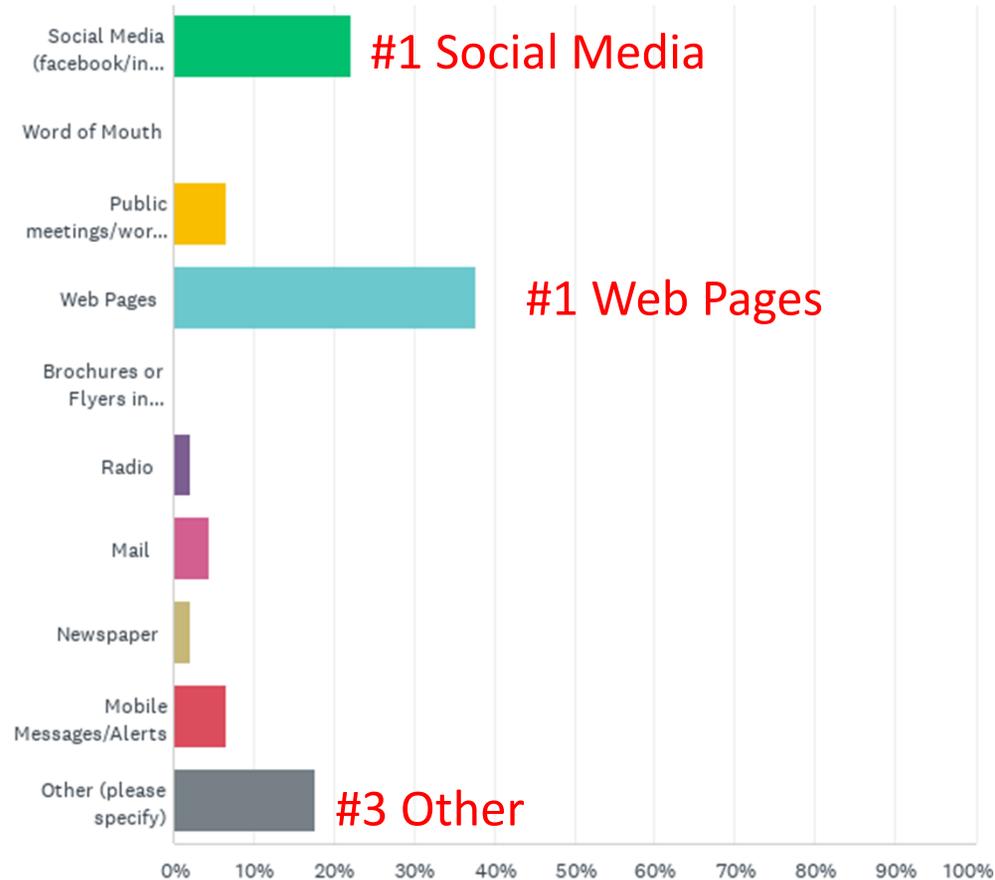
Q19: How educated do you consider yourself to be in understanding management issues around the estuarine shoreline of Nags Head as they pertain to environmental, climate, and related hazards and their impacts on coastal communities?

Answered: 45 Skipped: 22



Q20: What are the most effective ways for you to receive information about how to make your home and neighborhood more resilient to natural hazards?

Answered: 45 Skipped: 22



Q21: How should new homeowners along the estuarine shoreline be educated about shoreline management options?

Answered: 45 Skipped: 22

