

# Osprey Lake Survey Summary

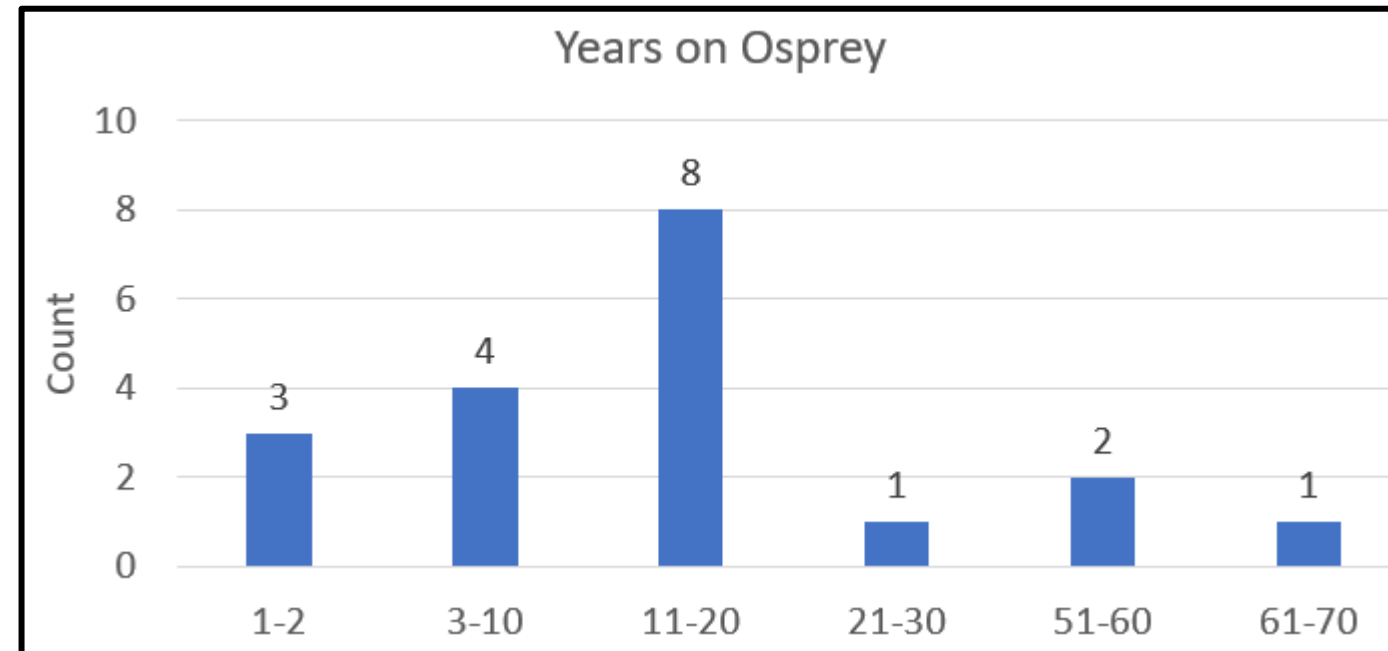
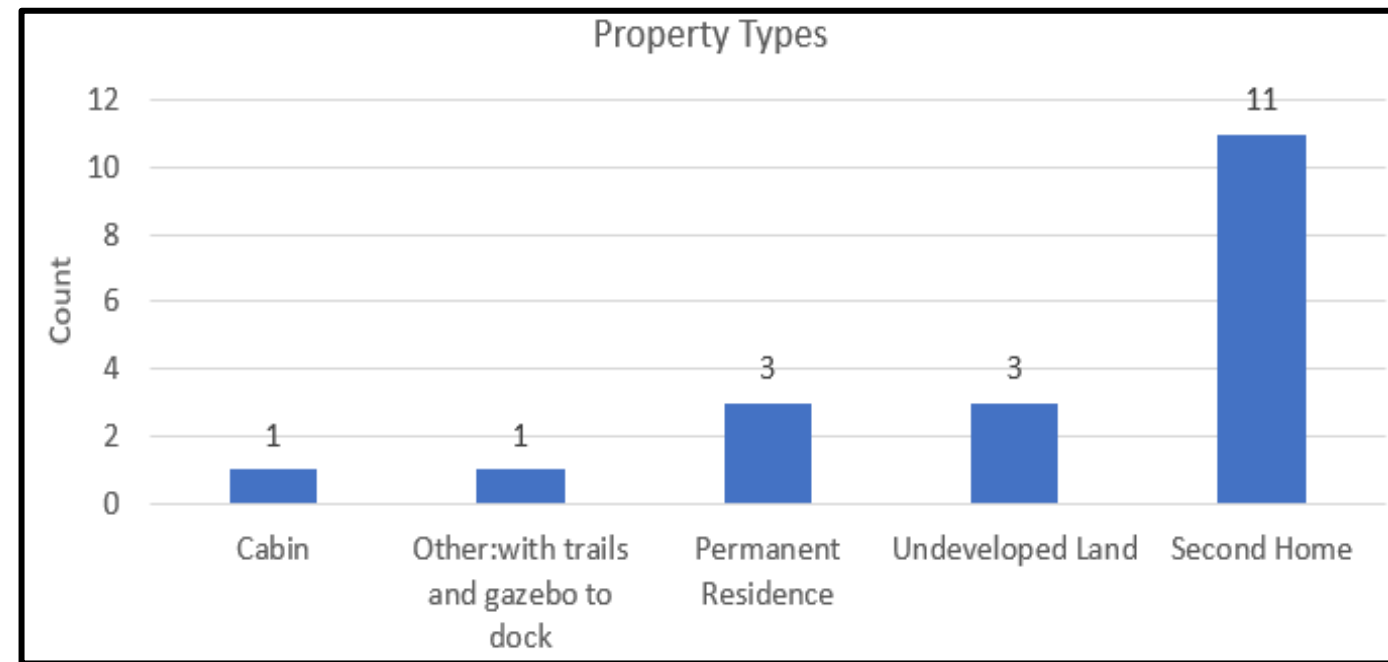
## BACKGROUND

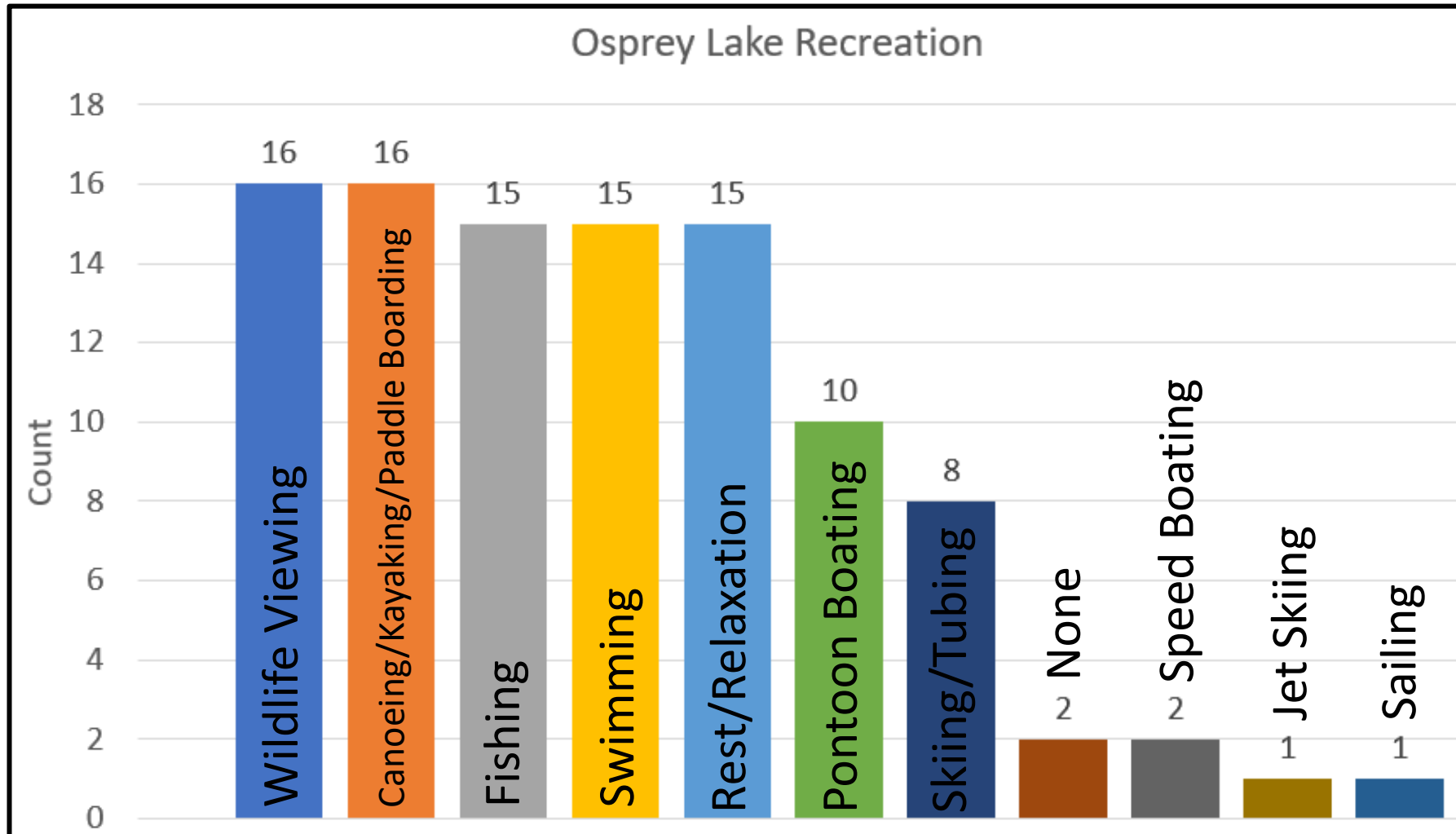
# surveys sent out – 37

# surveys returned – 19

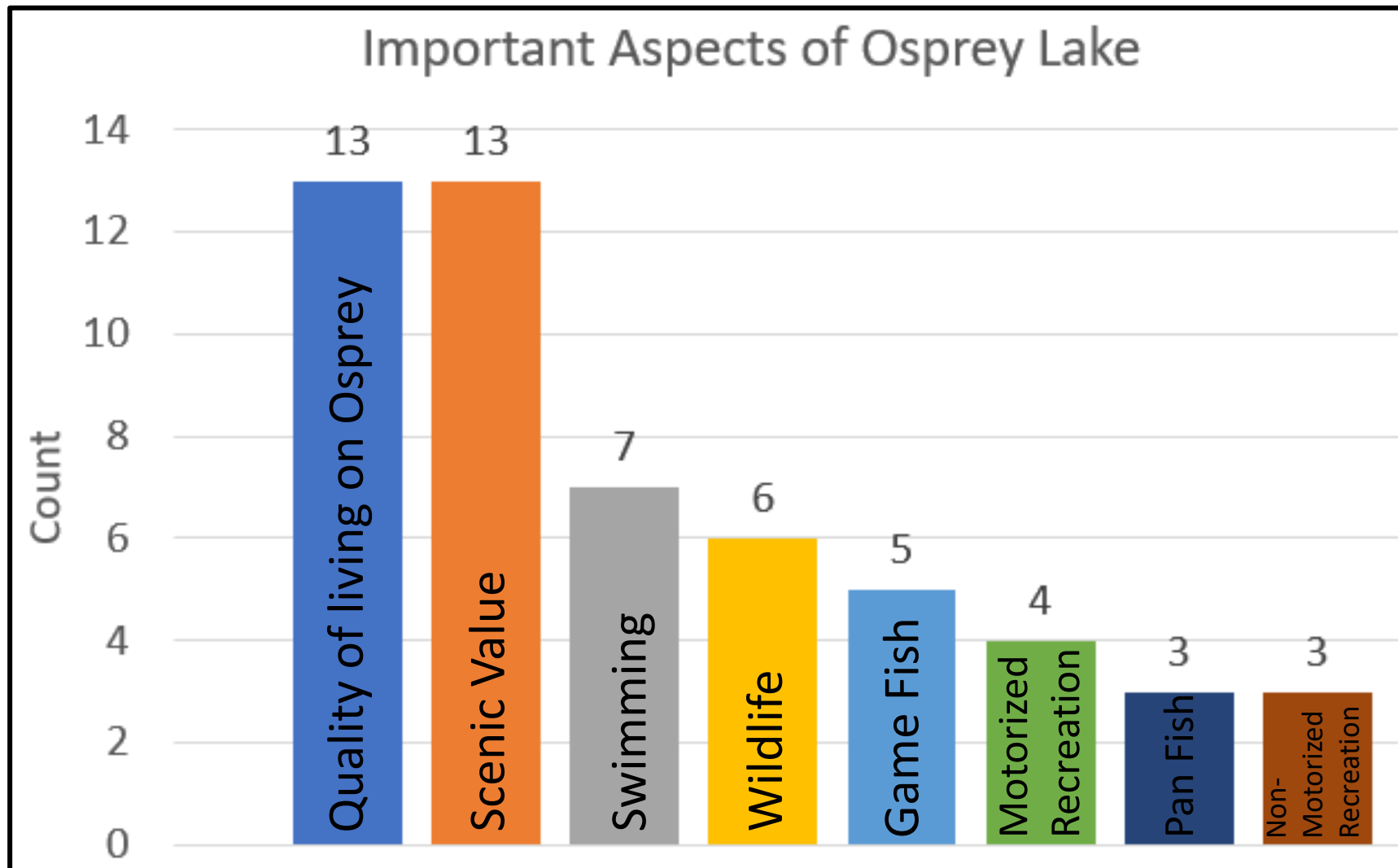
Return rate – 51%

58% of responders use their Osprey Lake property as a second home, and most owners have owned their property between 11 and 20 years. The average owner spends 118 days on Osprey Lake.

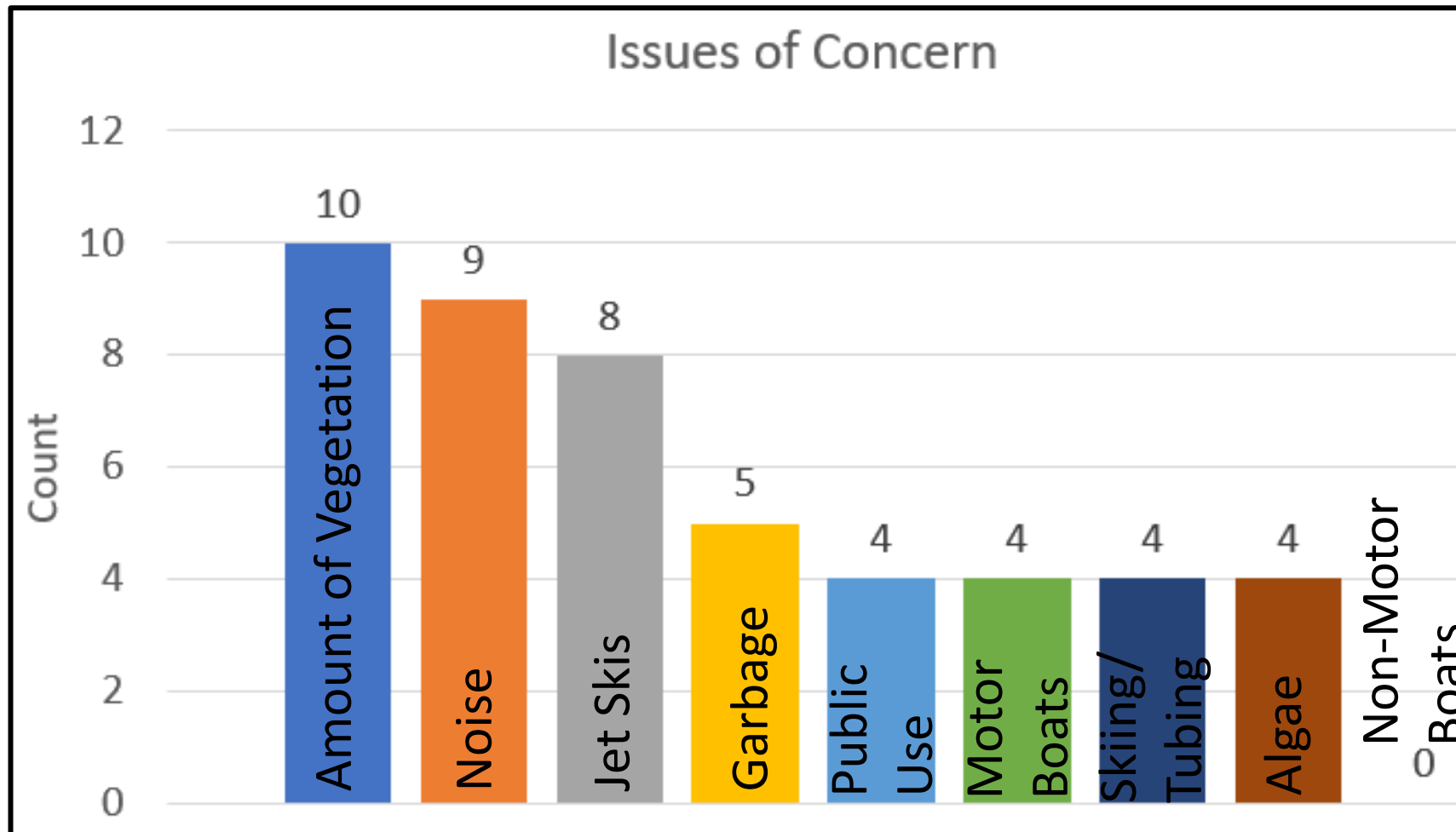




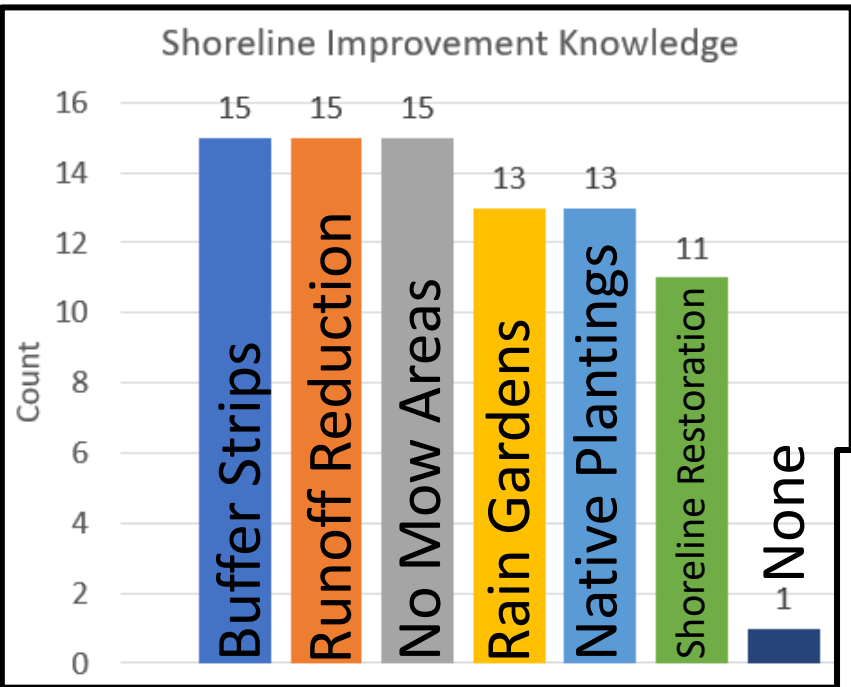
The majority of property owners enjoy and participate in “quiet” lake recreational opportunities, and most aspects of living on the lake have generally not changed for most responders.



The majority of property owners highly value the current quality of the lake and its scenery, and although many owners participate in fishing and non-motorized recreation, those aspects did not score highly as aspects that people value.

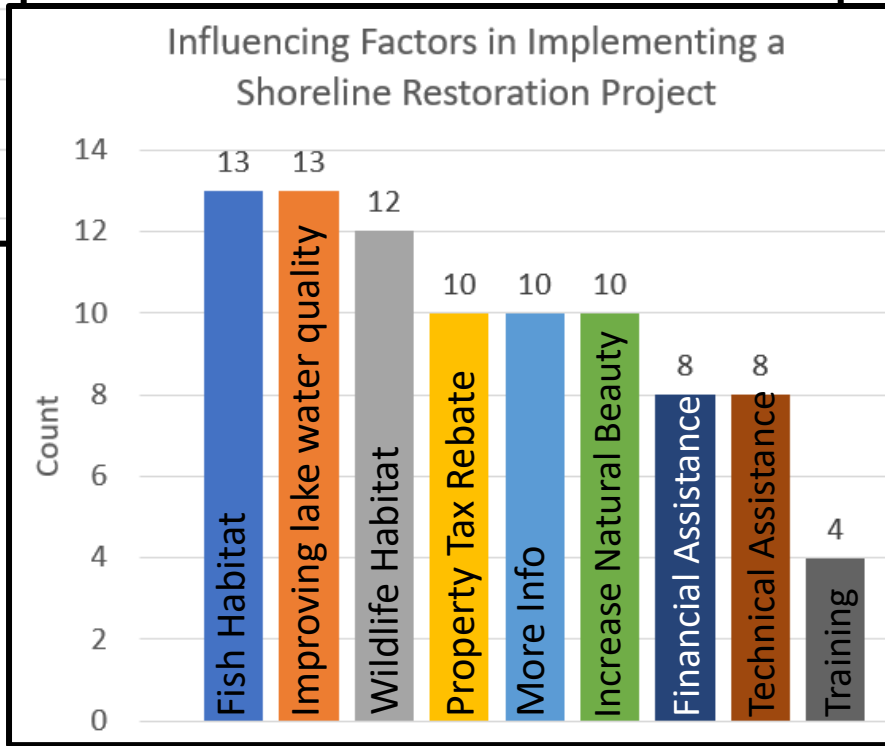
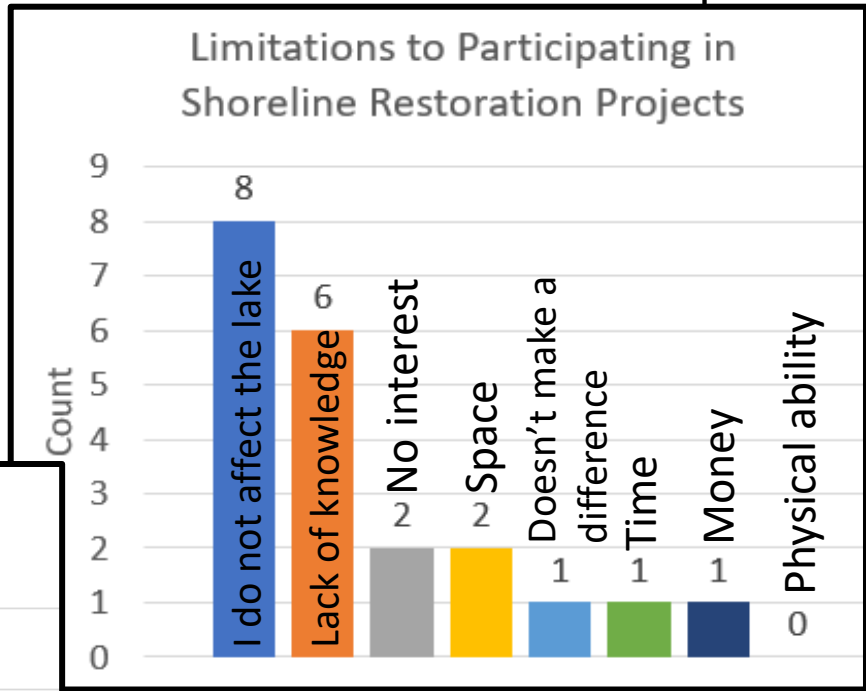


55% of survey responders are concerned with how much rooted vegetation is near shore, which can be addressed in an educational event and in the APM Plan. Noise and jet skis may be closely related and 44-50% of owners who responded to this survey are concerned about those issues.



What projects have you heard about?

What has stopped you from participating in improvement projects?

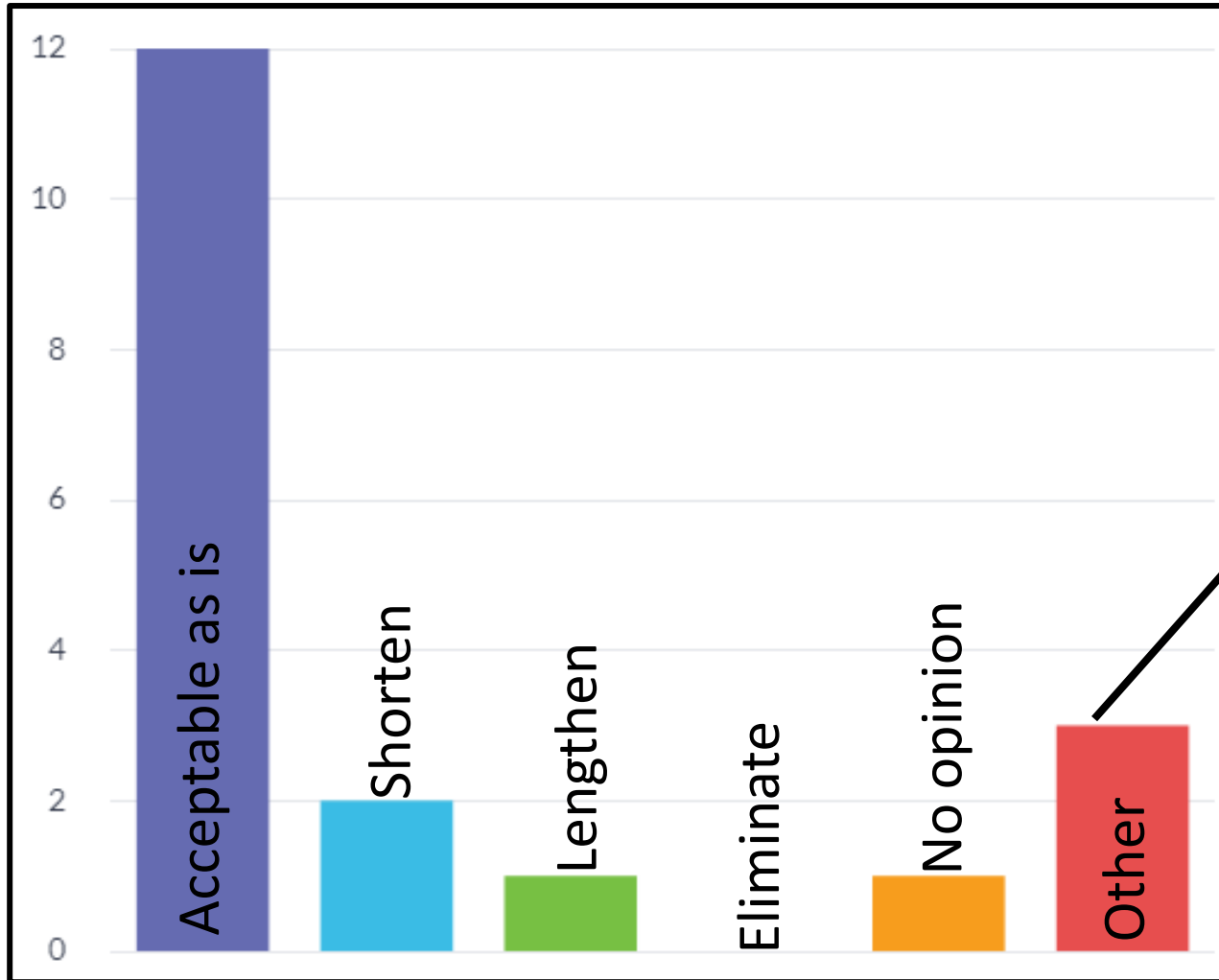


What would convince you to participate in a project?



The majority of responders have heard of at least one shoreline improvement practice, and in general, the shoreline of Osprey is in good shape. It may benefit the lake to have an educational event about shoreline improvement options because 72% of responders are interesting in improving the lake and habitat; however, few people indicate that they would be motivated by training (but 82% said they would be interested in a shoreline improvement education event).

### Slow-No-Wake Ordinance

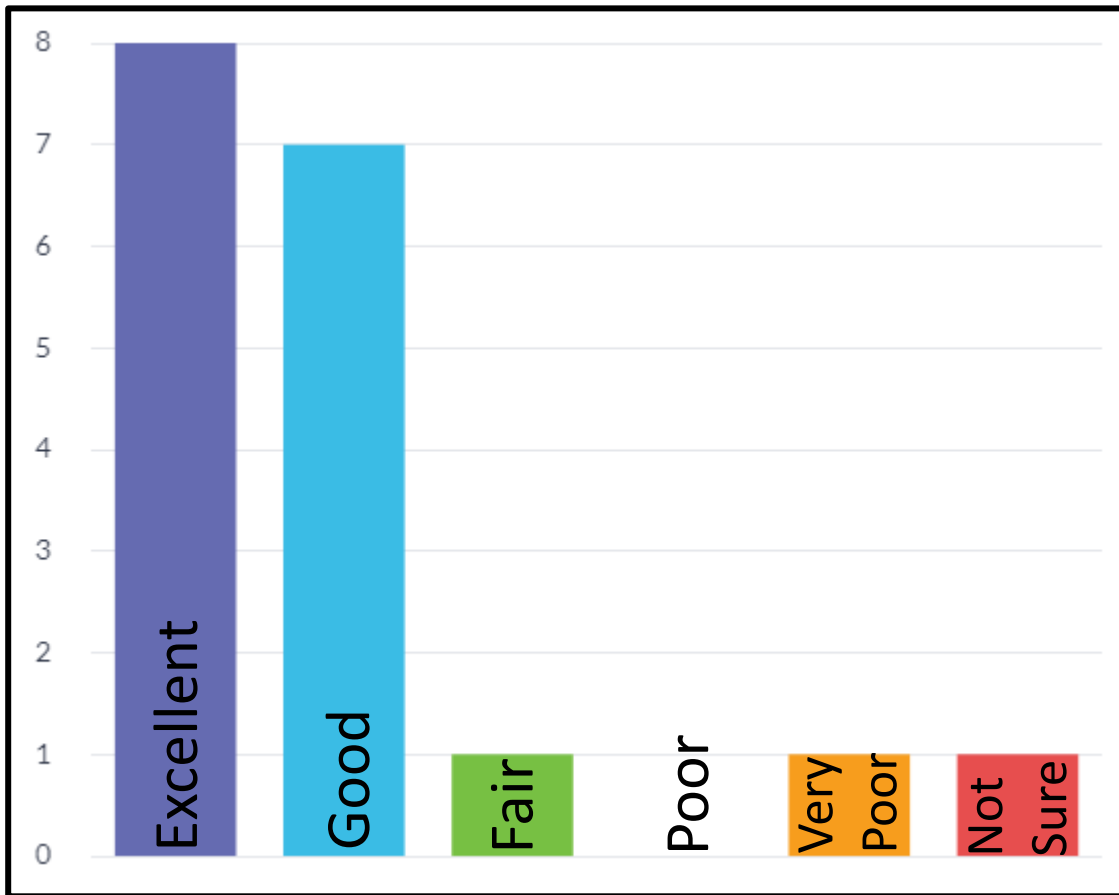


**Other Comments:**

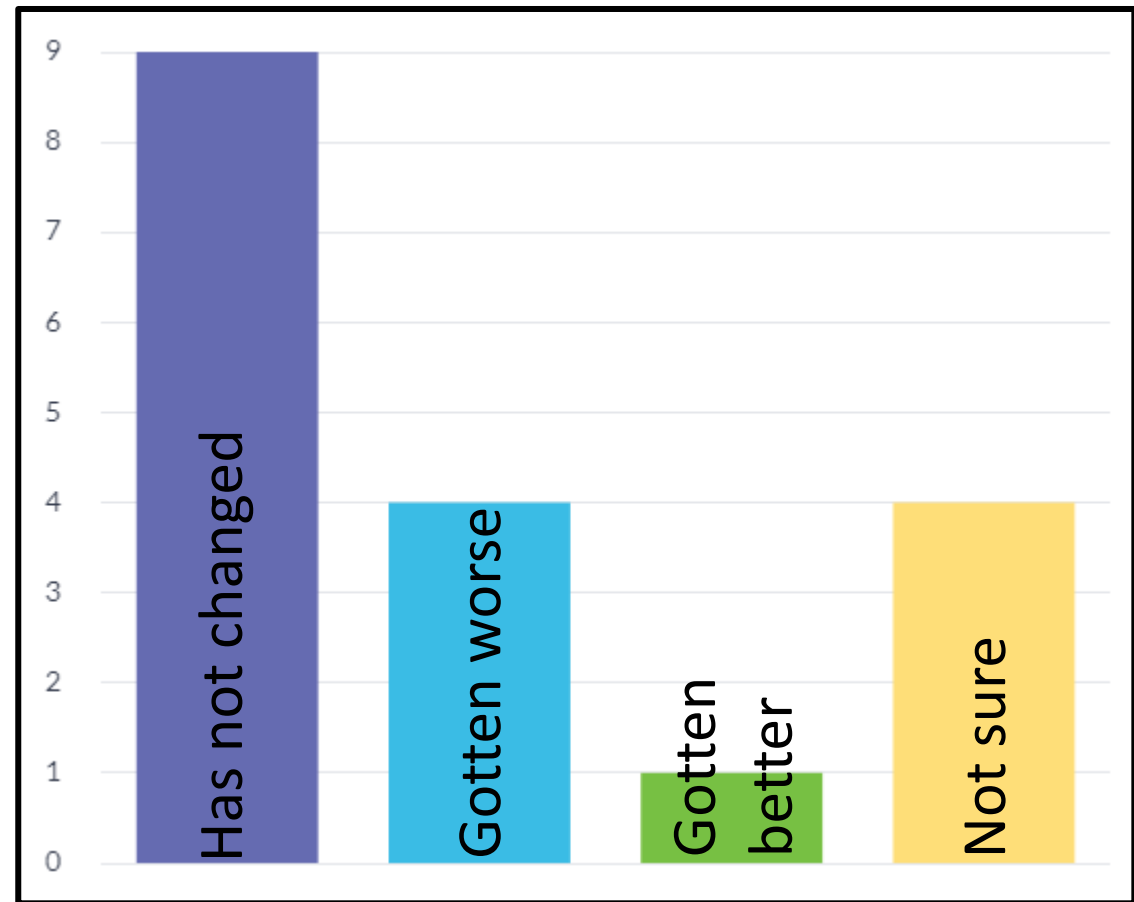
- Implement displacement and motor size restrictions (200 max)
- Should not have any rule we cannot enforce
- Shorten – 8pm-10am

63% of responders find the current slow-no-wake ordinance (6pm-10am) acceptable as is.

Water Quality Rating

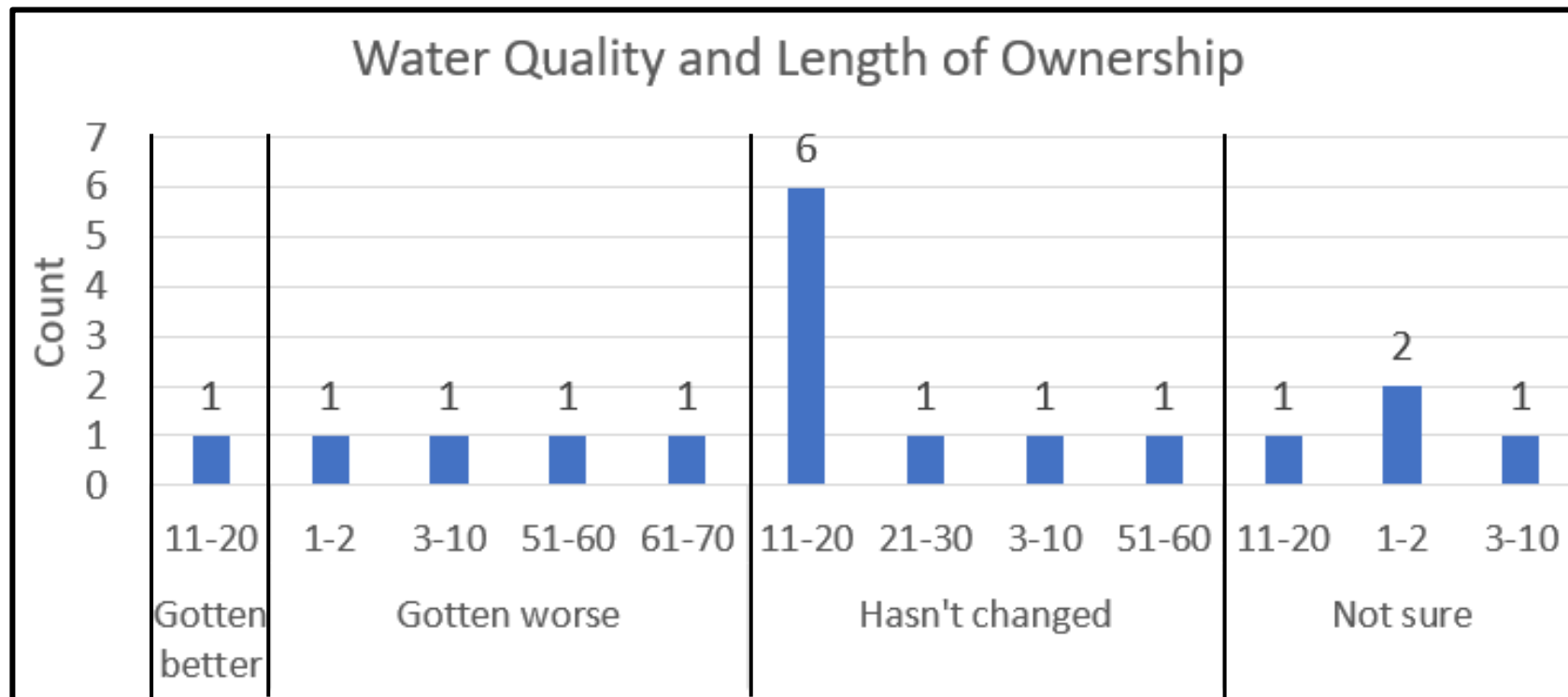


Water Quality Over Time



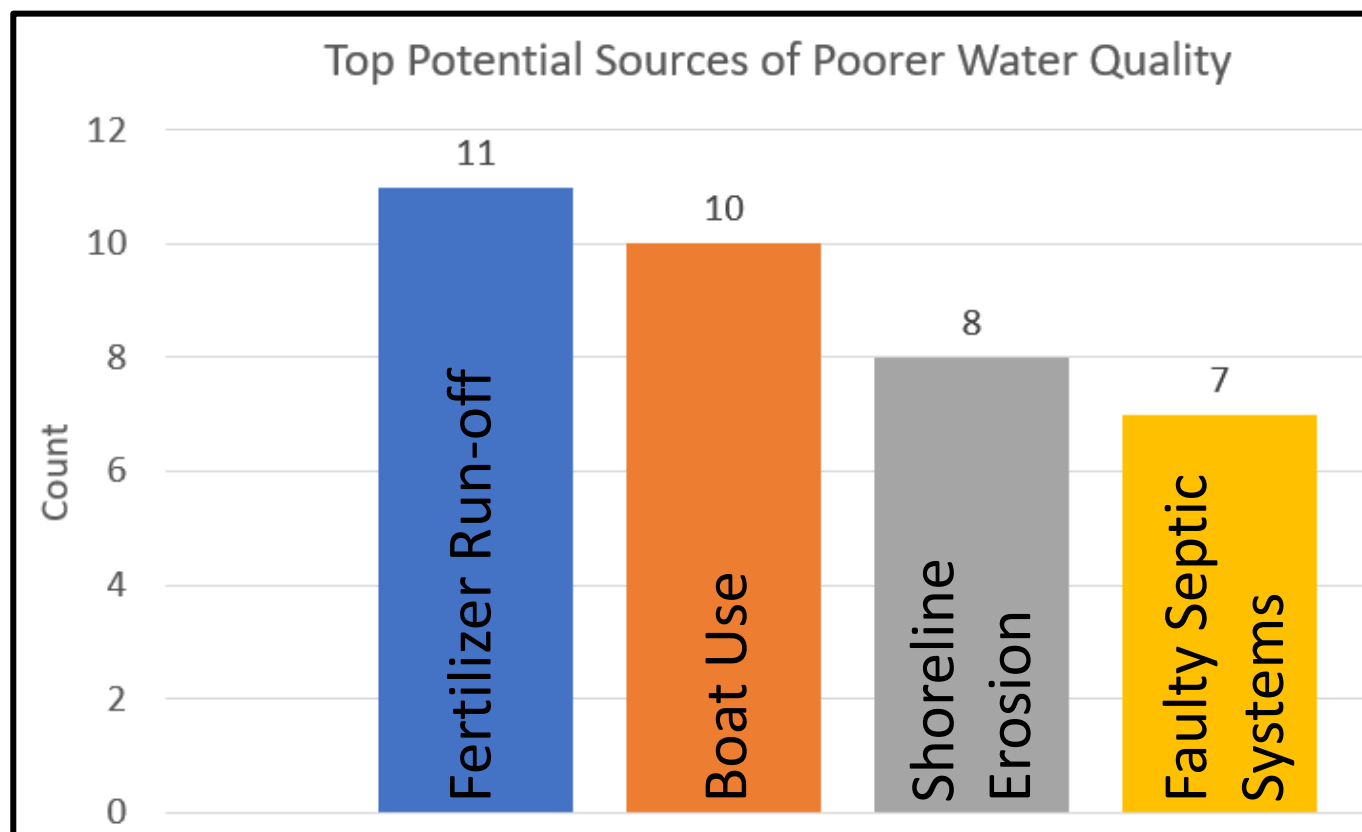
83% of responders feel that Osprey's water quality is Excellent or Good. 50% feel that it has not changed, and 44% feel that it has gotten worse or are not sure.





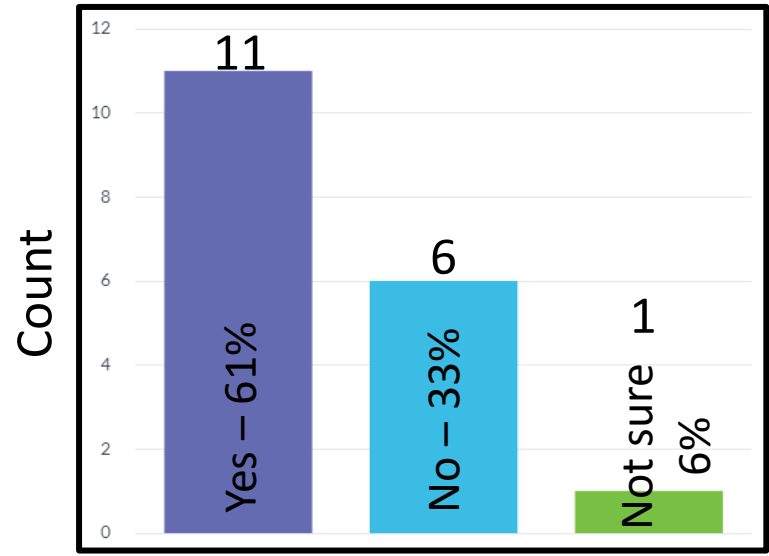
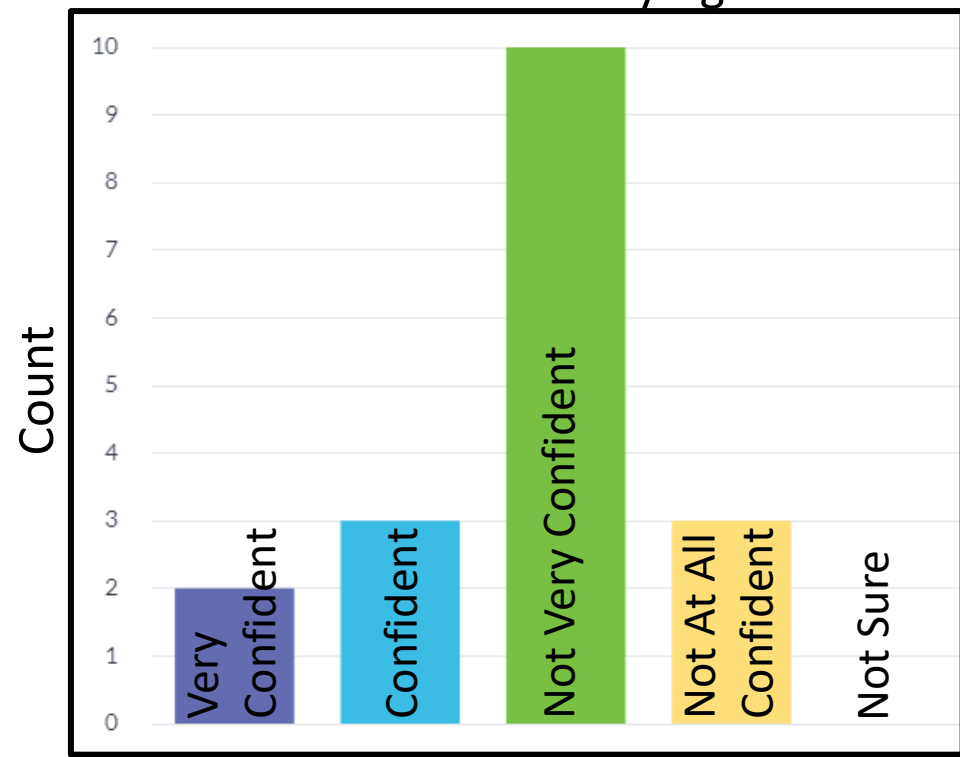
11 years = long enough to see significant change in water quality over time  
 22% of people who have been on Osprey at least 11 years say that water quality has not changed,  
 5% of people who have been on Osprey at least 11 years say that water quality has gotten worse,  
 3% of people who have been on Osprey at least 11 years say that water quality has gotten better.

This indicates that water quality has generally been good and has stayed good over time. This is supported by CLMN water quality data that shows the lake has high water quality (clear water, no algal blooms, low nutrients).

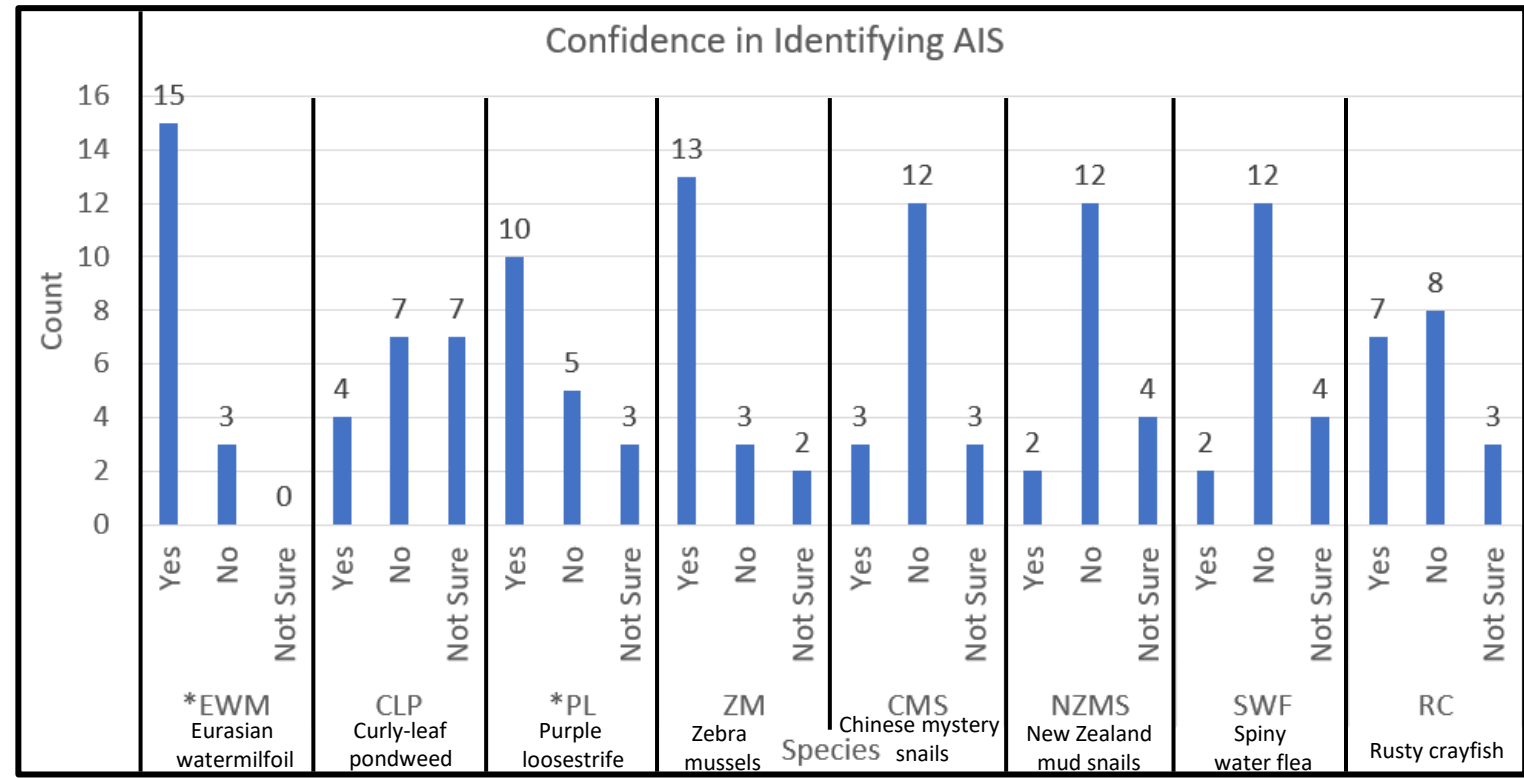


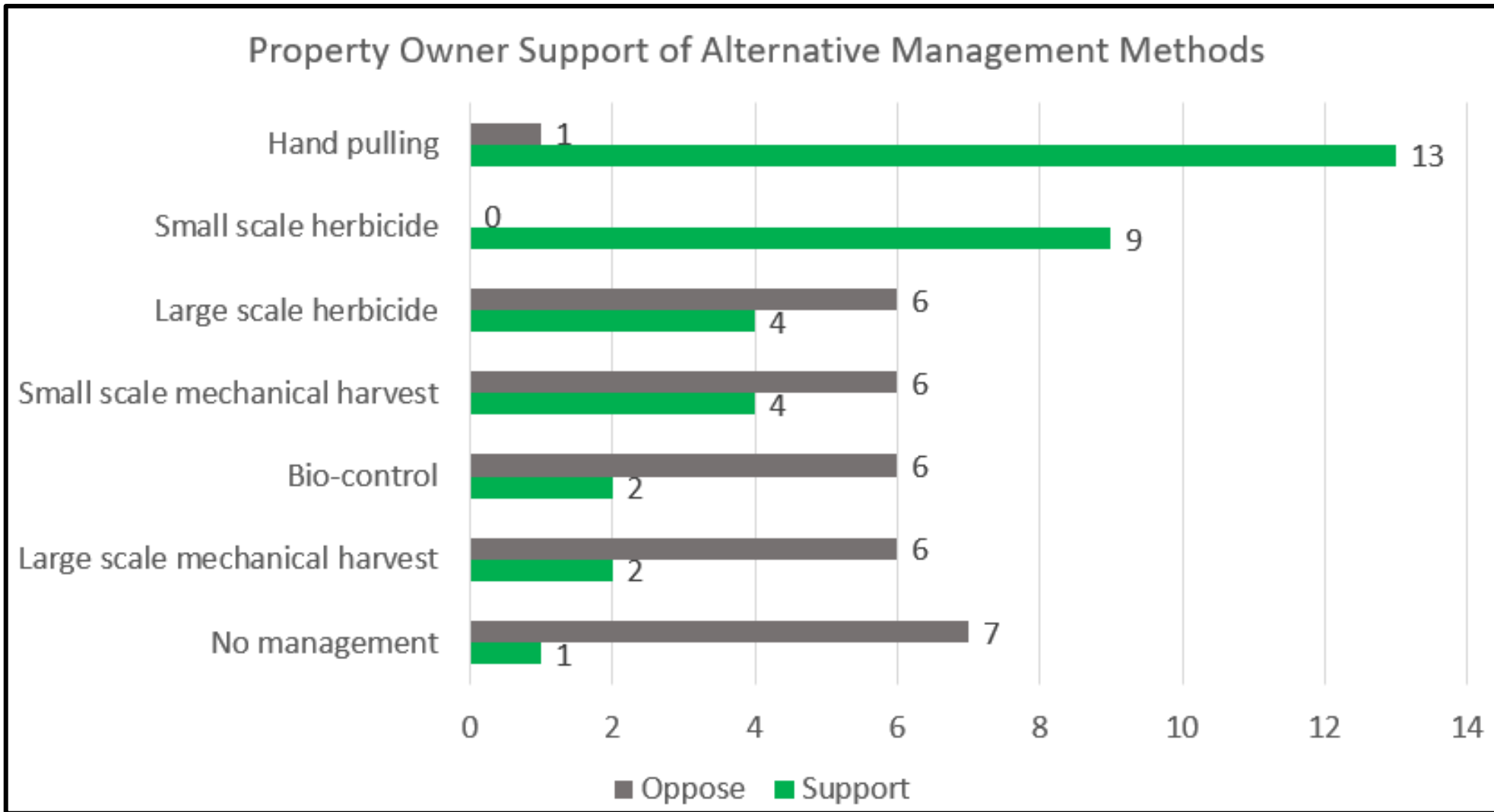
Fertilizer run-off from agriculture may not be realistic for the OLPOA to address; however, continuing CLMN sampling of the lake will provide data to track nutrient and chlorophyll data to assess if it may be an issue in the future. Again, boat use scores fairly high as a cause of concern because of stirring up bottom sediment, and boat use is also related to shoreline erosion; this is an area where shoreline improvement projects could be implemented. An assessment of septic systems may also be warranted in the future to ensure there are no excess inflows of nutrients affecting the water quality of the lake. These measures may need to only be taken if CLMN data shows that water quality is decreasing over time.

Confidence in Identifying AIS

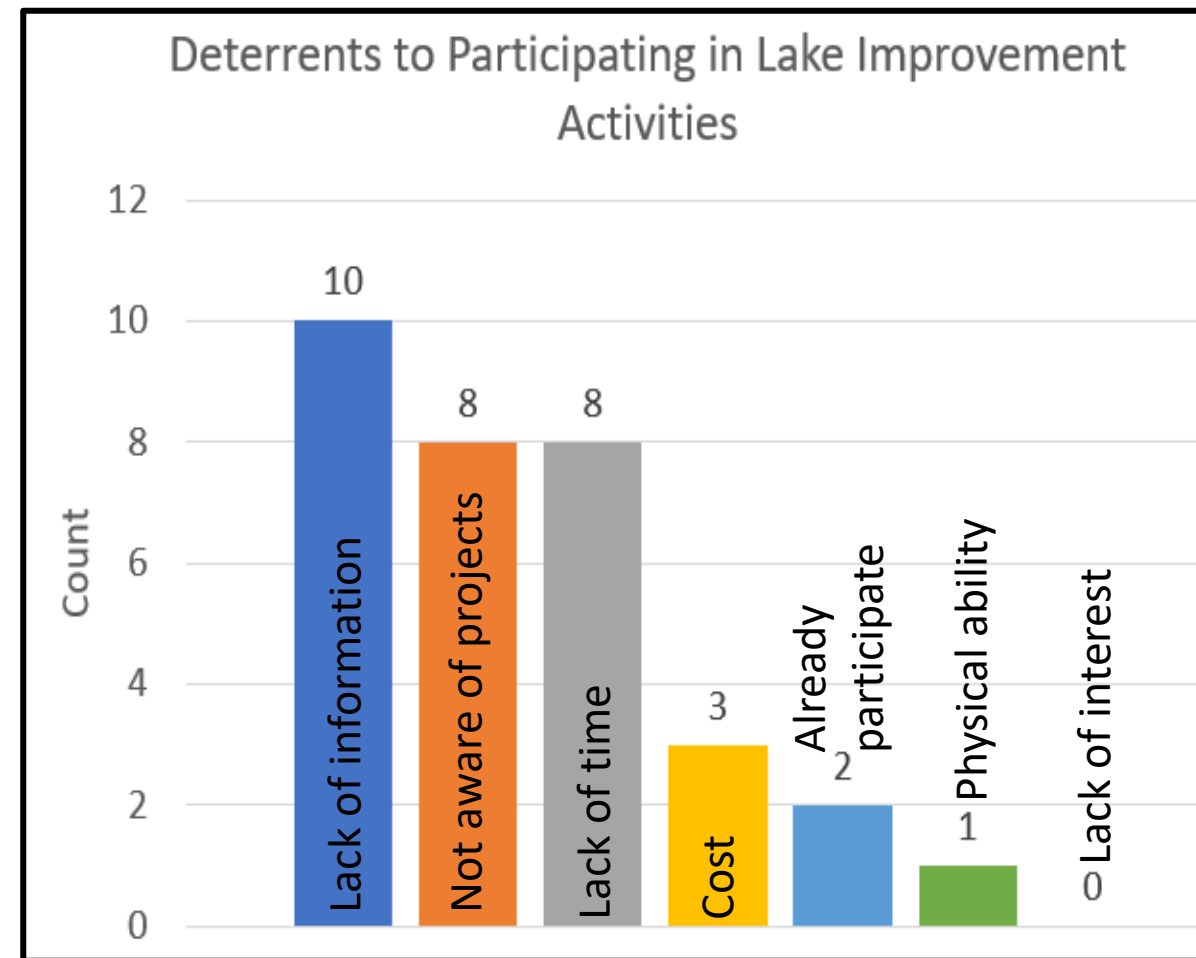
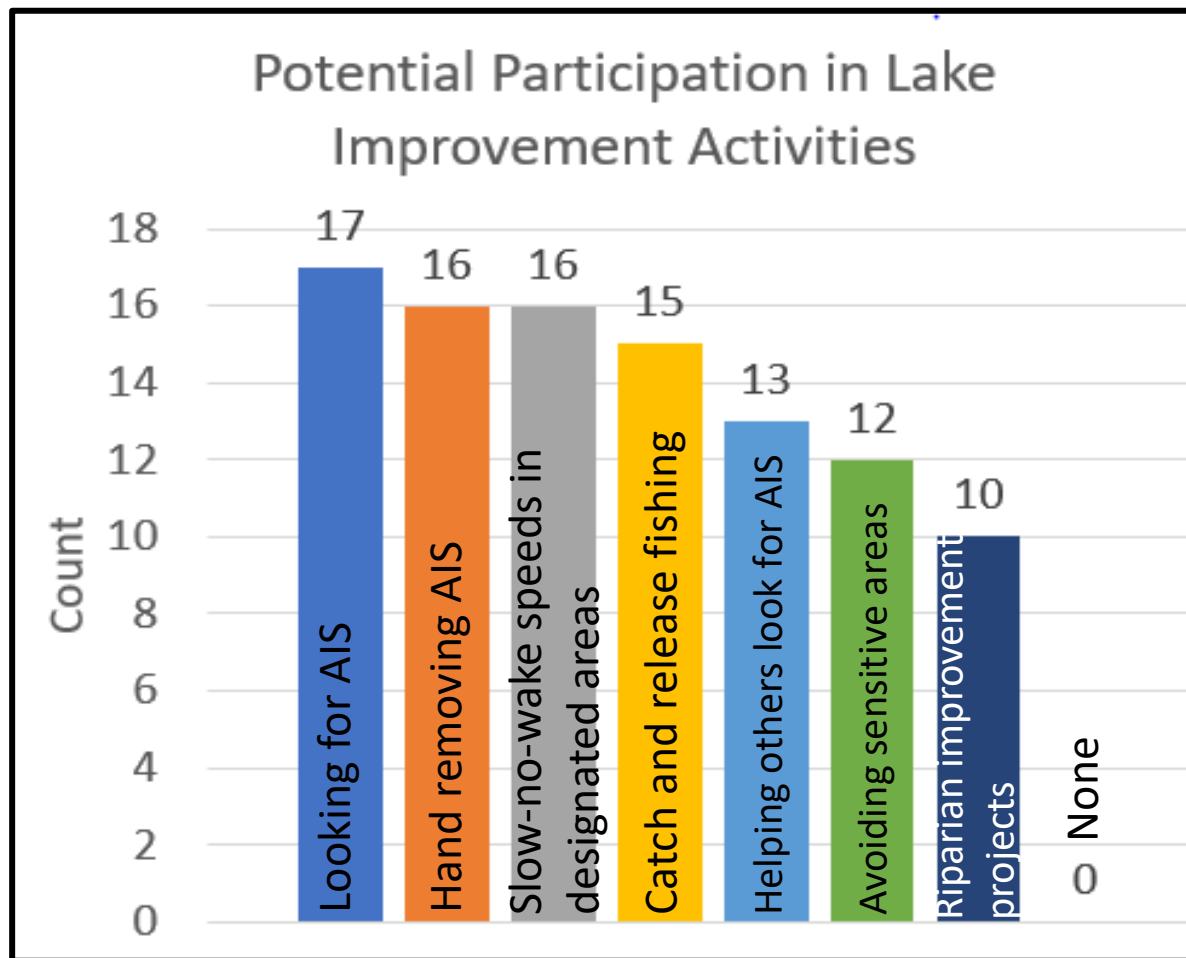


Osprey Lake constituents are generally not familiar with AIS or confident in identifying them; however, 83% of responders indicate that they can identify EWM -- the main AIS of concern and management in Osprey Lake. Shoreline property owners may benefit from an AIS education event, which 76% of responders said they would be interested in attending. The majority (61%) of responders have changed the way they use the lake as a result of AIS (EWM) in the lake.

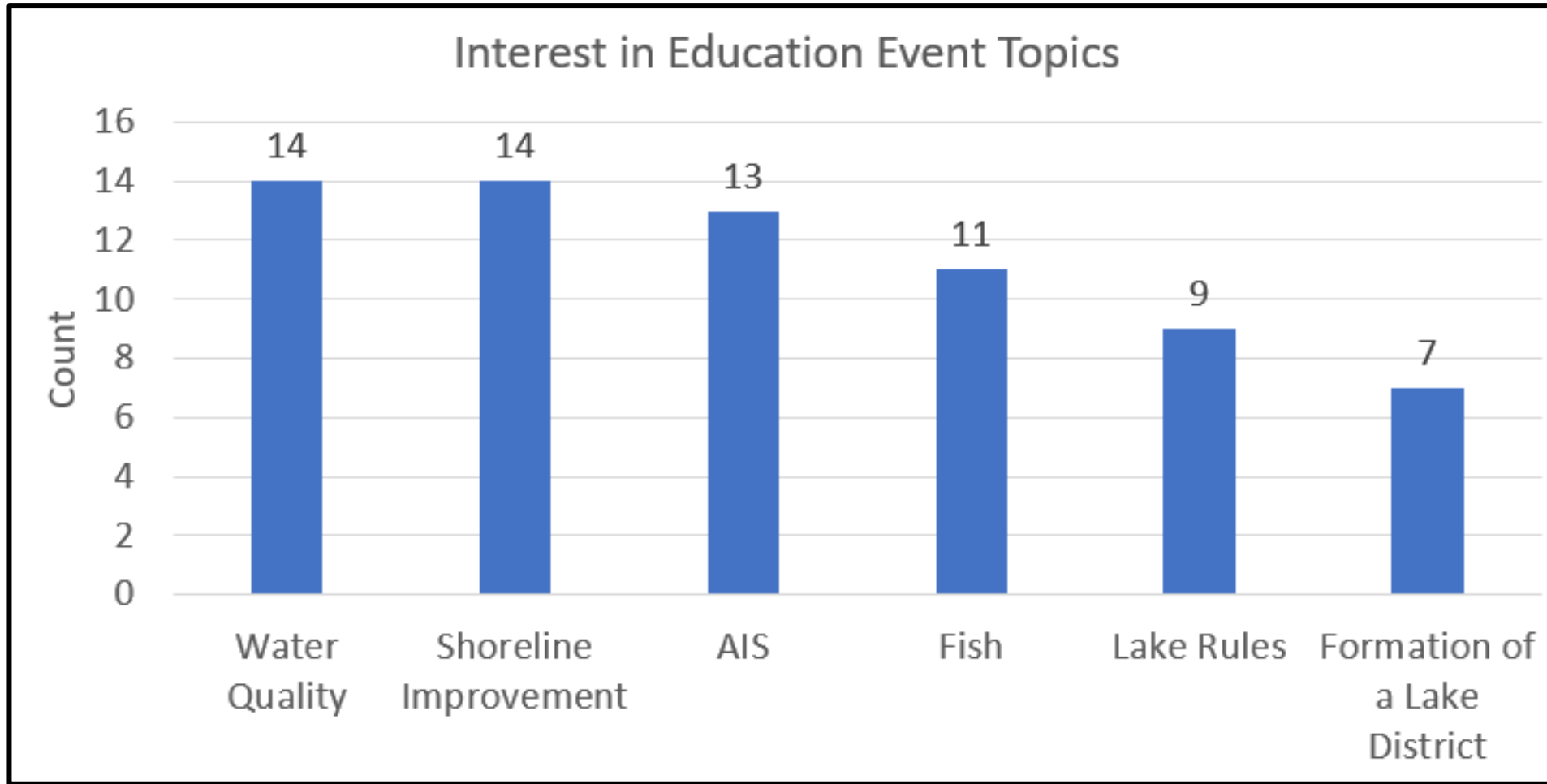




72% of Osprey Lake property owners who responded to the survey support using hand pulling/raking methods to control EWM, and 50% support small scale (<10 acres) herbicide treatments with only a small percent opposing either method. Large scale (>10 acres) herbicide treatment, mechanical harvest, biological control, and no management are largely opposed. The supported management actions are in line with the current APM plan. Osprey Lake constituents may benefit from an AIS education event that includes management options (76% indicated they would attend such an event).



Osprey Lake property owners are generally willing to be involved with projects and activities on the lake. AIS concerns rank the highest, and volunteer involvement seems likely. To engage even more constituents, it is recommended that the OLPOA introduce more education on management, restoration, and conservation tactics and projects through events, hand outs, newsletters, etc.



82% of responders are interested in learning more about water quality and shoreline improvement. These may be areas where education could lead to involvement in CLMN and Healthy Lakes projects. 76% would be interested in AIS education, which could cultivate more knowledge and engagement in management. 65% are interested in fish, 53% are interested in lake rules (likely boating restrictions), and 41% are interested in learning more about forming a lake district. It is recommended that the OLPOA provide educational materials and opportunities for their constituents through newsletters, handouts, education events, support to attend conferences, etc.