

# Long Lake Preservation Association 2003 Survey Results

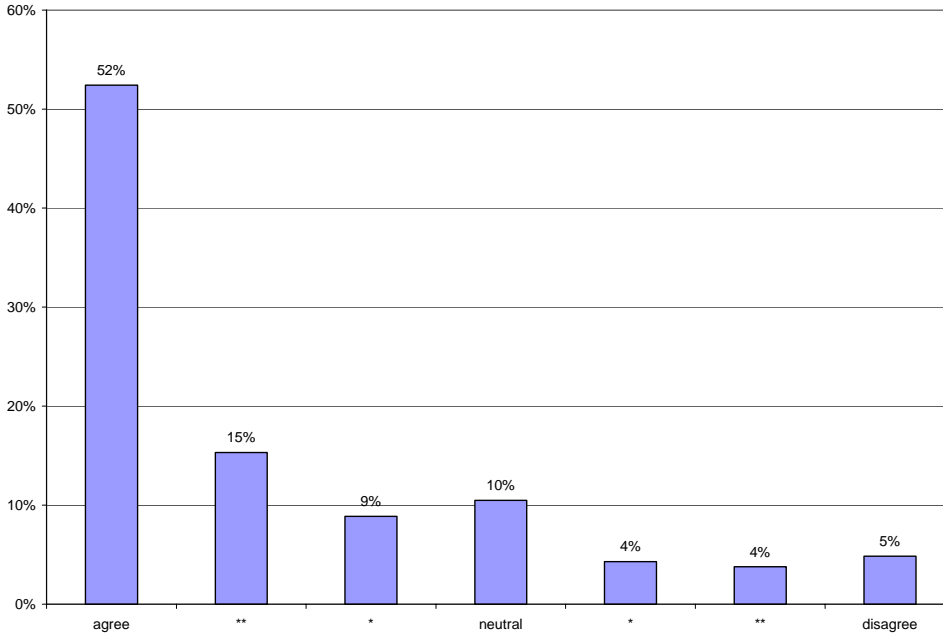


Figure 1. Responses to the statement “The development of large tracts of shoreline on area lakes is reducing the aesthetic beauty of the lakes”.

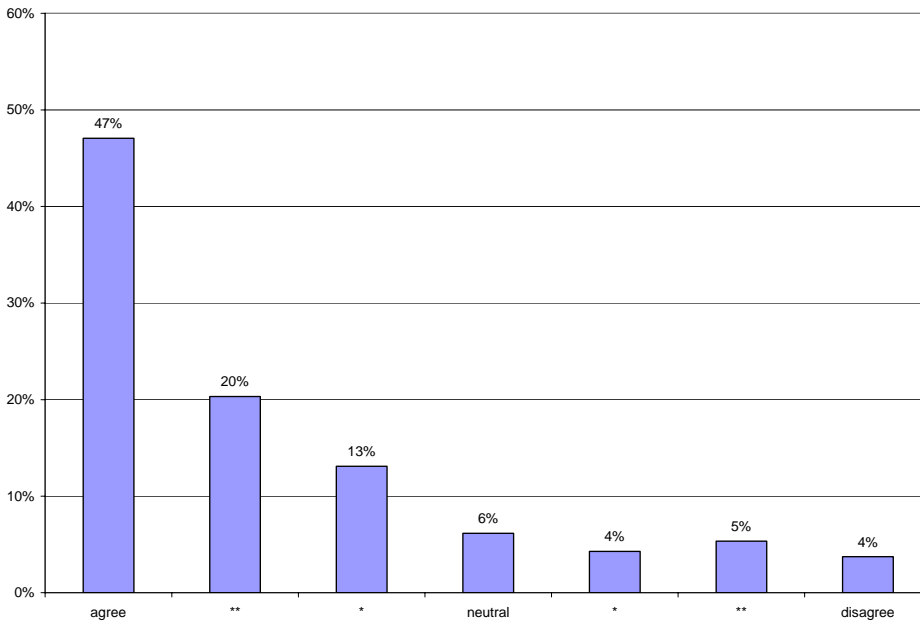


Figure 2. Responses to the statement “People do not often consider the connection between what they do on their land and the quality of surface waters in the area”.

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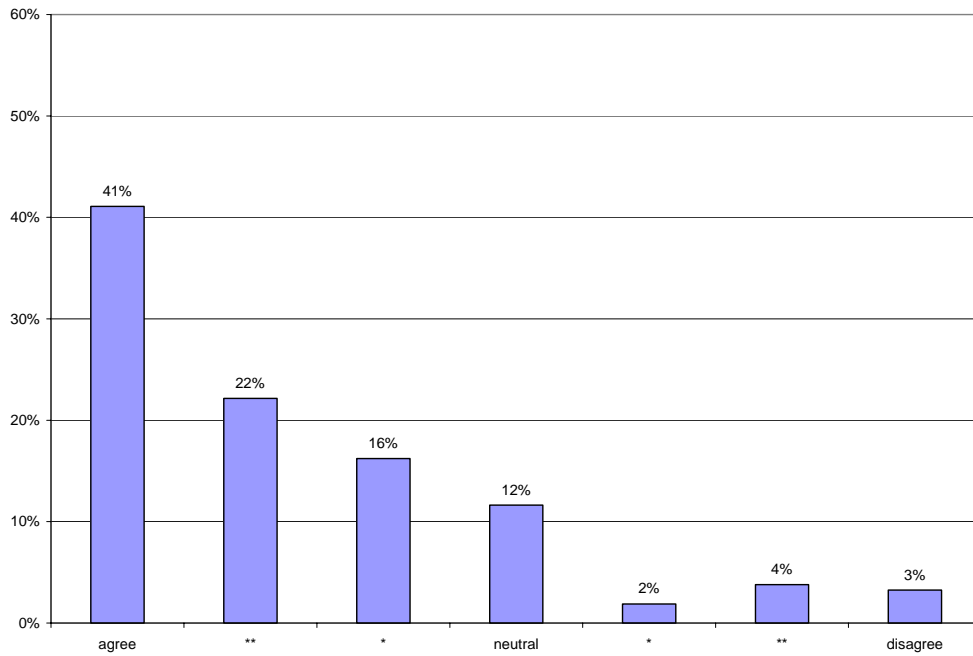


Figure 3. Responses to the statement “More incentive is needed for people to restore shoreline buffers and wetland areas for water quality protection”.

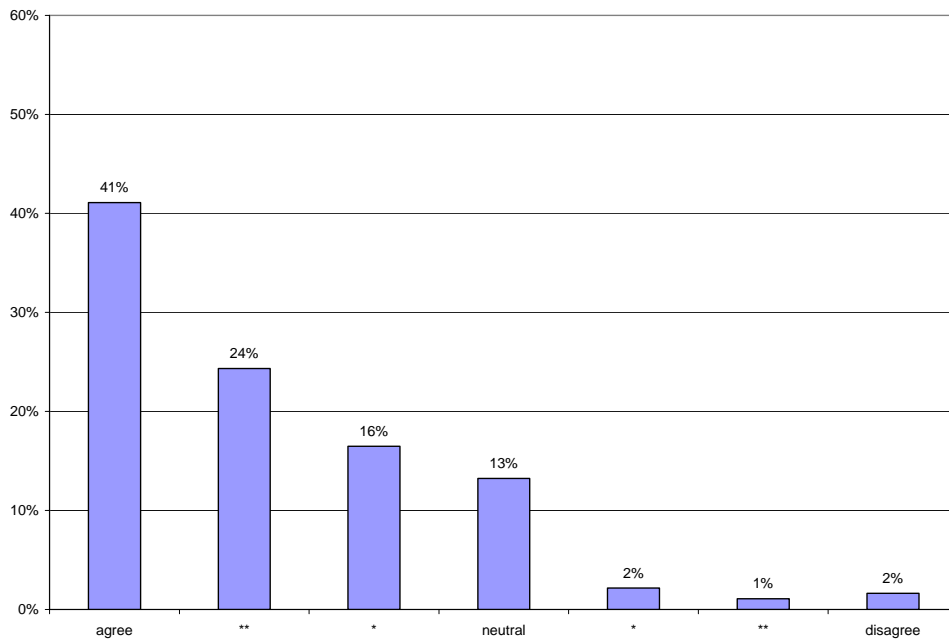


Figure 4. Responses to the statement “More educational opportunities are needed on topics related to water quality protection”.

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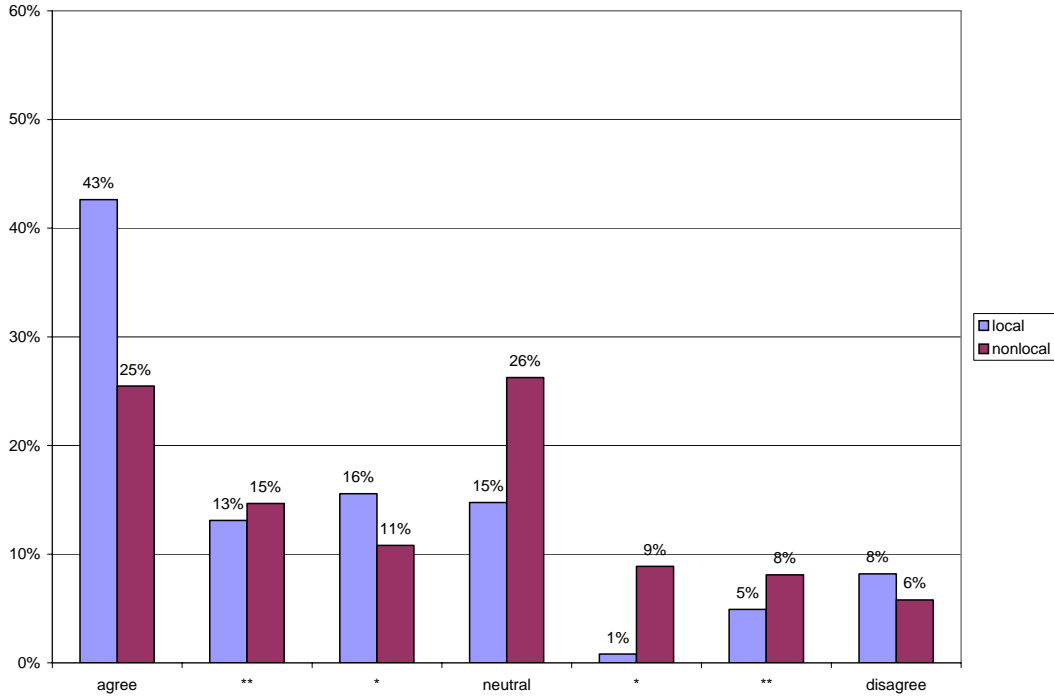


Figure 5. Responses to the statement “Construction and expansion of homes and cabins is having a negative impact on the water quality of the area”.

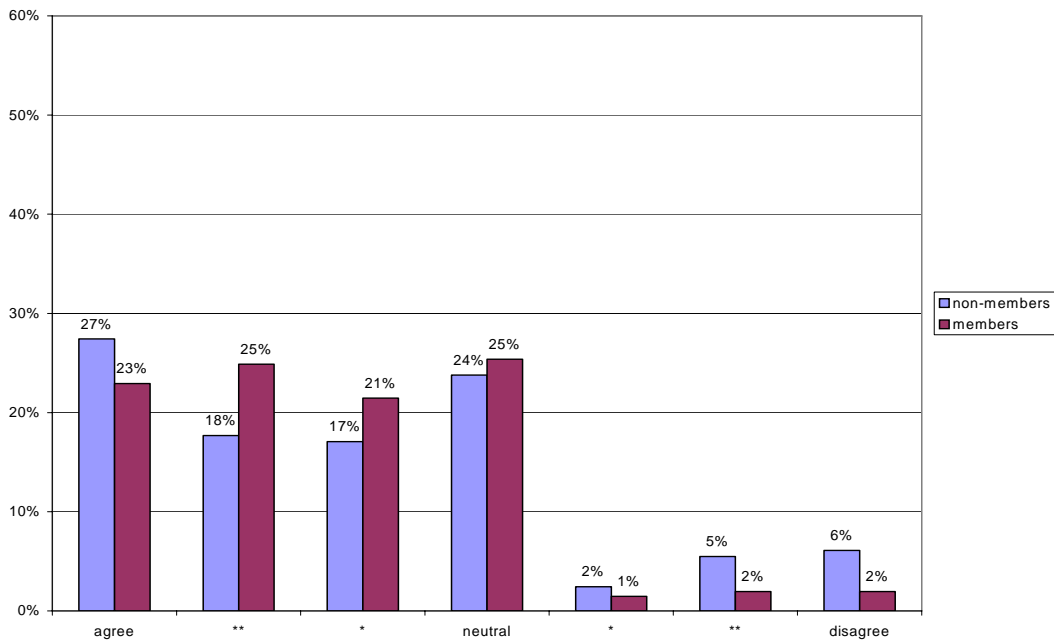


Figure 6. Responses to the statement “Conservation groups like the LLPA should be doing more to protect lake water quality”.

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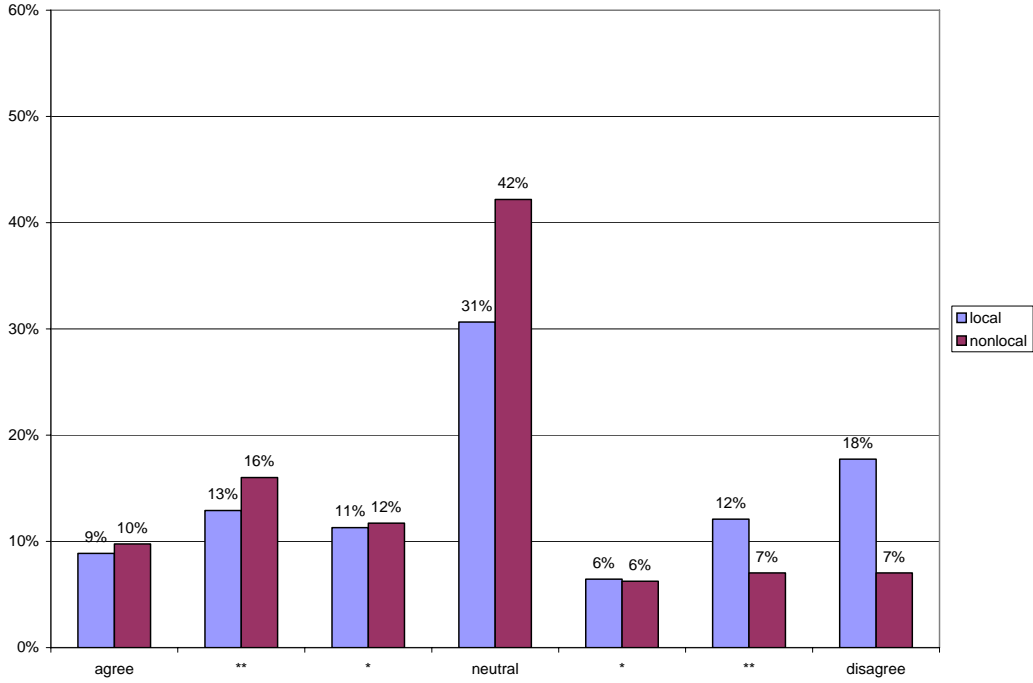


Figure 7. Responses to the statement "The Washburn County government does a good job enforcing the existing zoning and land use regulations".

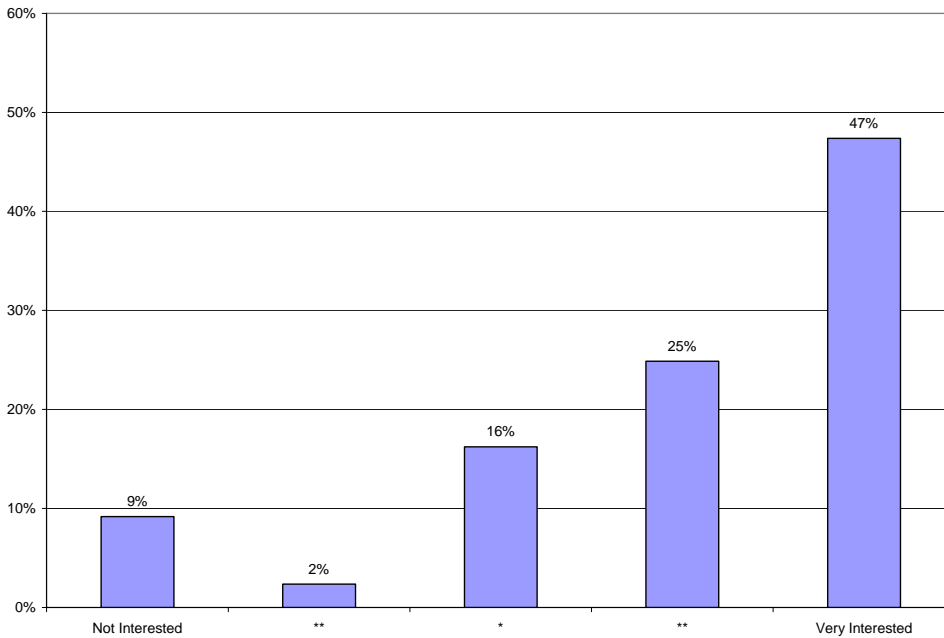


Figure 8. Responses to the topic "Proper septic system maintenance".

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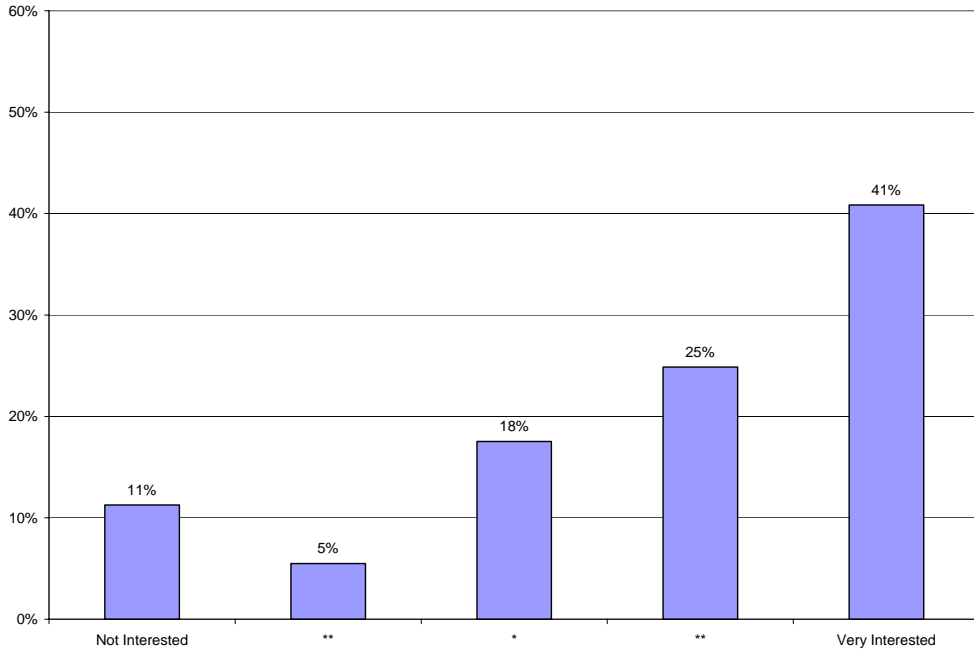


Figure 9. Responses to the topic “How to test your well water quality and understand results”.

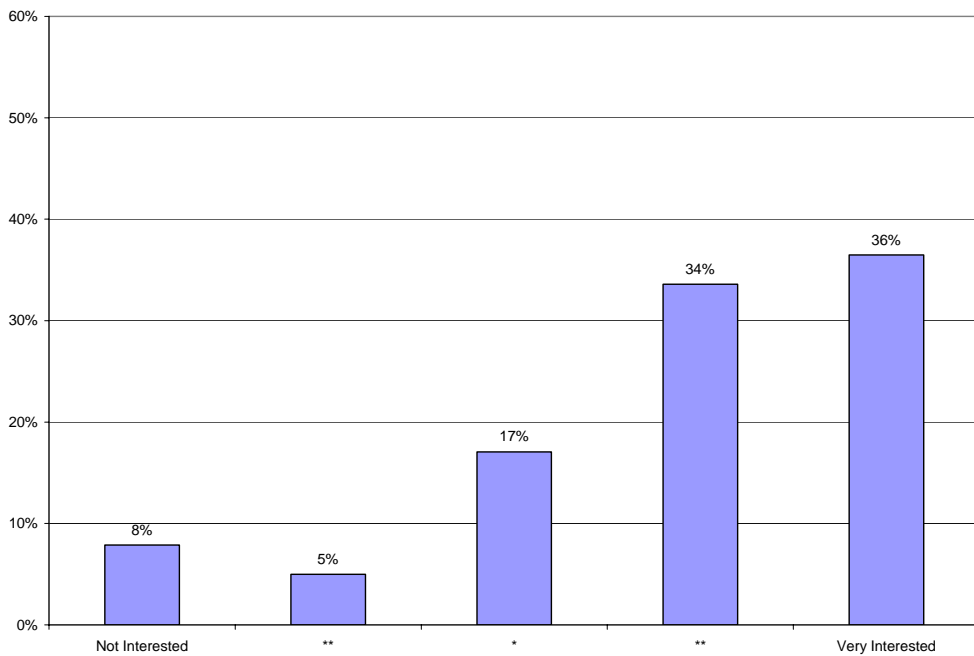


Figure 10. Responses to the topic “Maintenance and upkeep tips for the shoreland buffer zone”.

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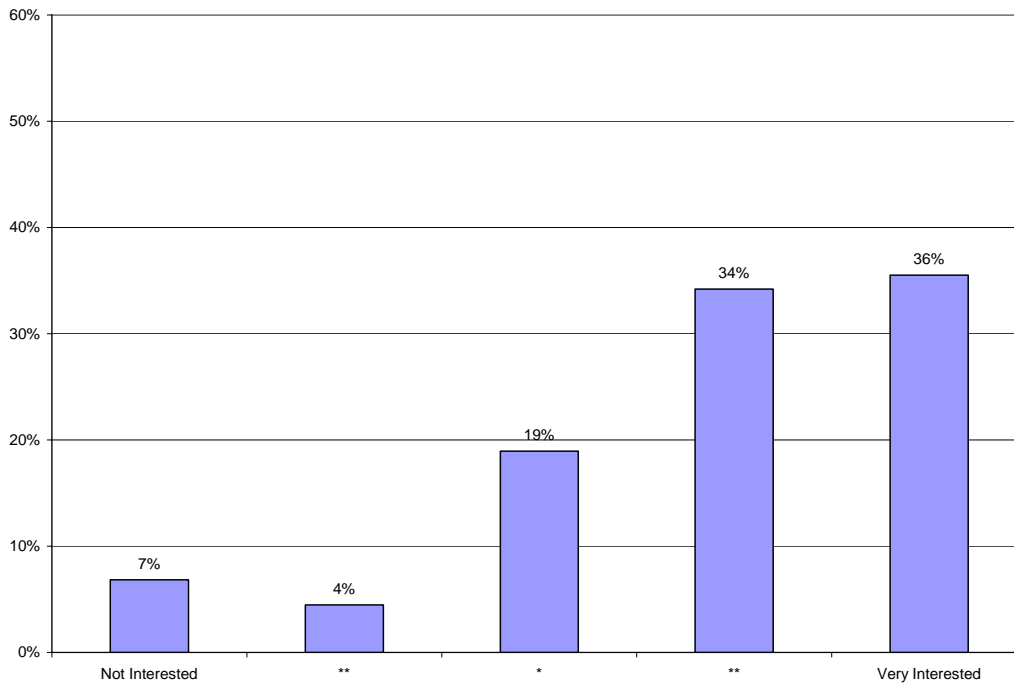


Figure 11. Responses to the topic “Shoreline restoration for fish habitat and natural beauty”.

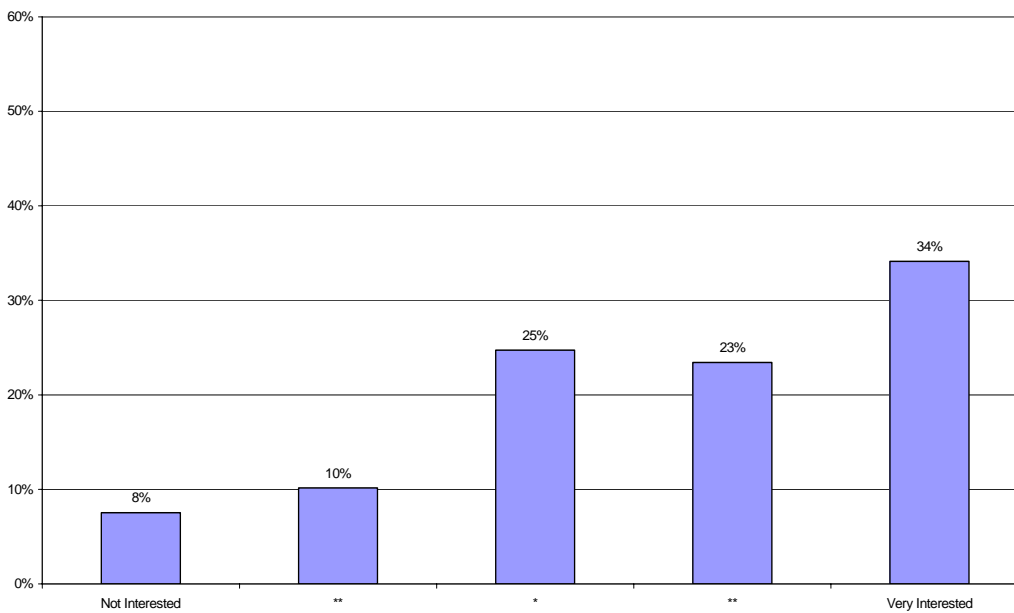


Figure 12. Responses to the topic “Natural and cultural history of the Long Lake area”.

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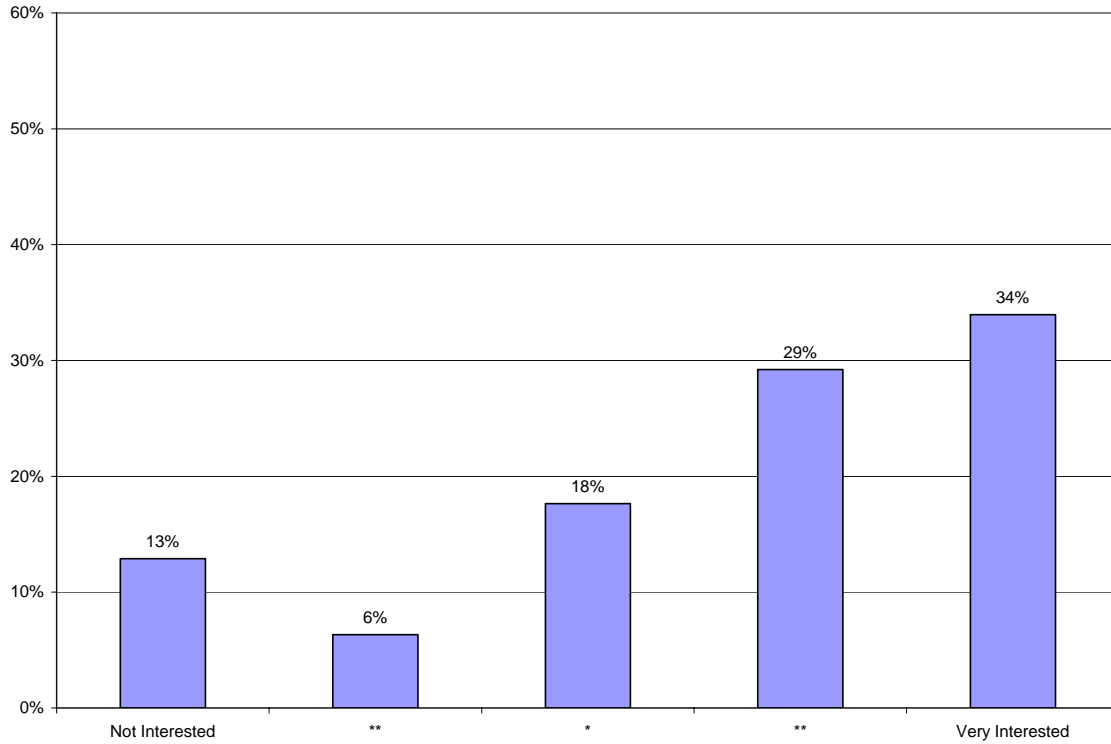


Figure 13. Responses to the topic “Lake friendly lawn care”.

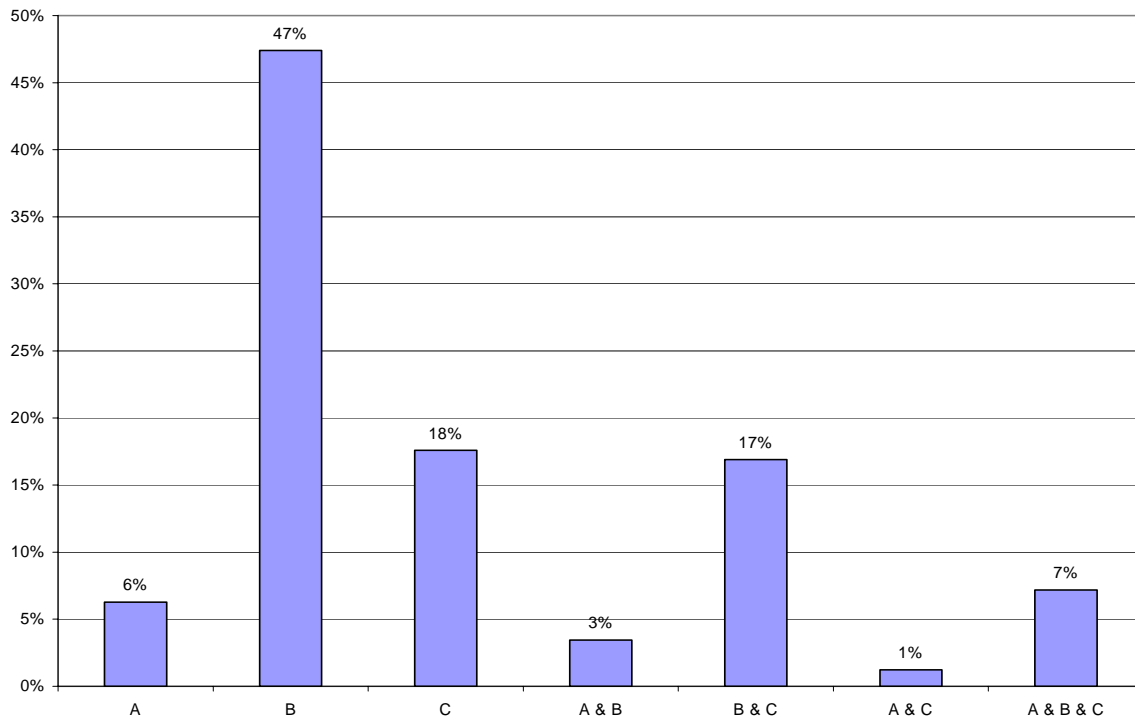


Figure 14. Preferred delivery formats for educational topics (A: Hands-on workshops; B: Brochures & pamphlets; C: Computer webpages)

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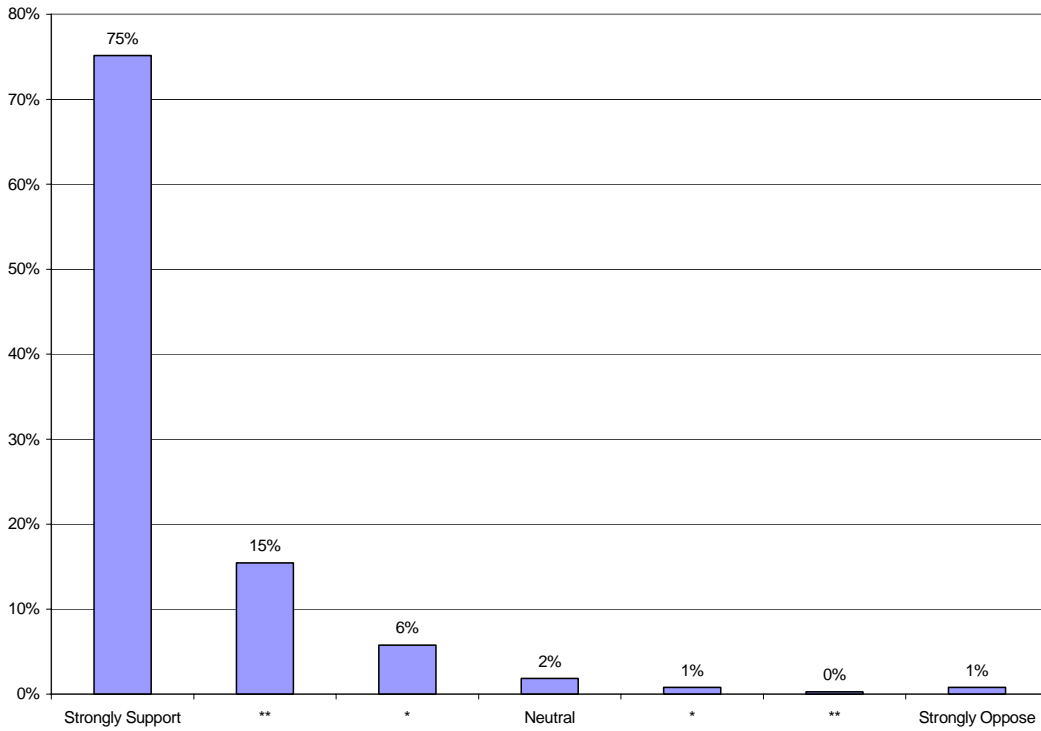


Figure 15. Responses to the strategy “Regulate the future establishment of commercial and industrial facilities using hazardous chemicals that could pollute groundwater”.

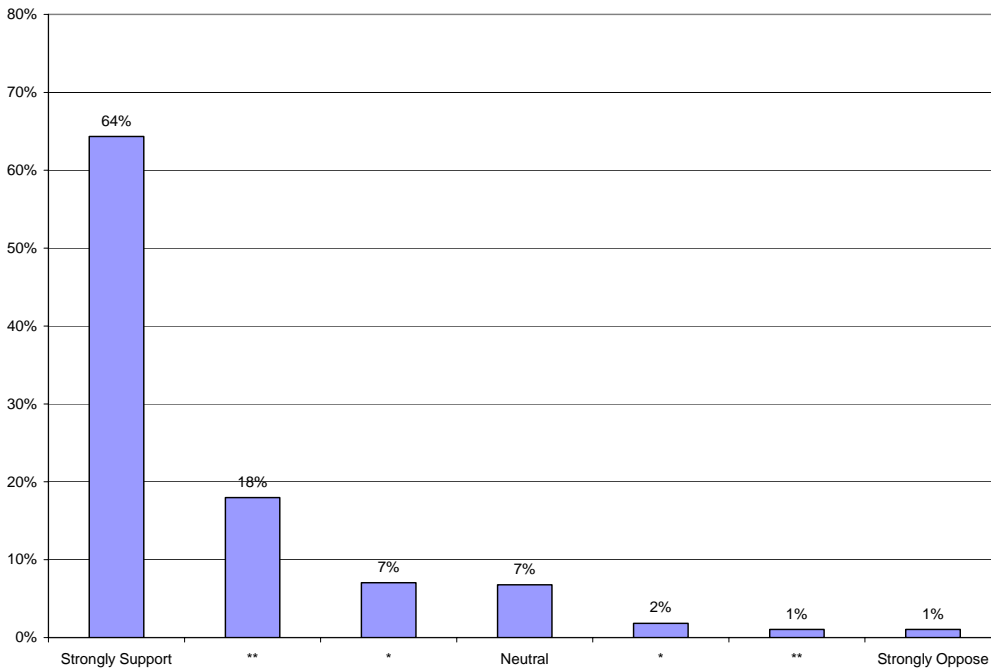


Figure 16. Responses to the strategy “Restrict the potential establishment of large-scale animal farms (‘factory farms’) to areas where water impacts are minimal”.



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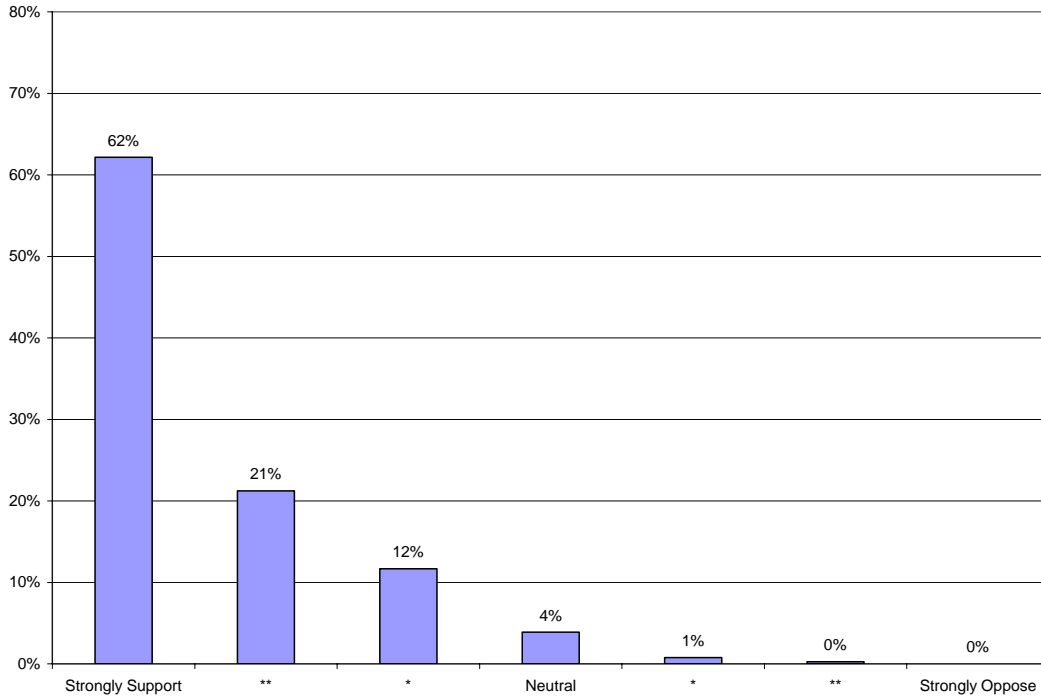


Figure 17. Responses to the strategy “Carefully monitor groundwater to detect early signs of contamination from nearby waste landfills”.

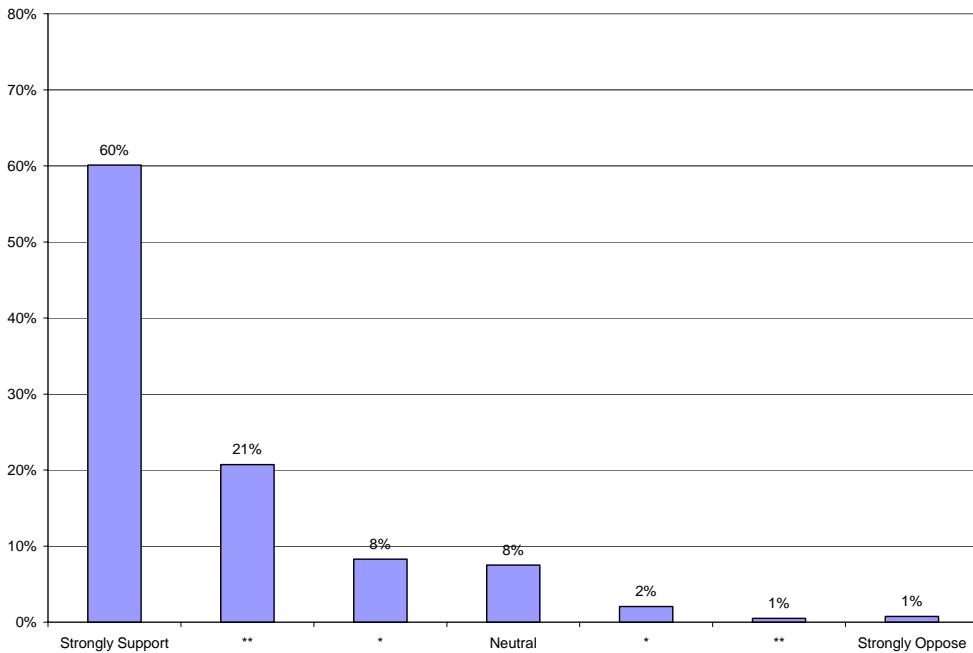


Figure 18. Responses to the strategy “Restrict the use of phosphorous fertilizers in residential yards near lakes, rivers and wetlands”.

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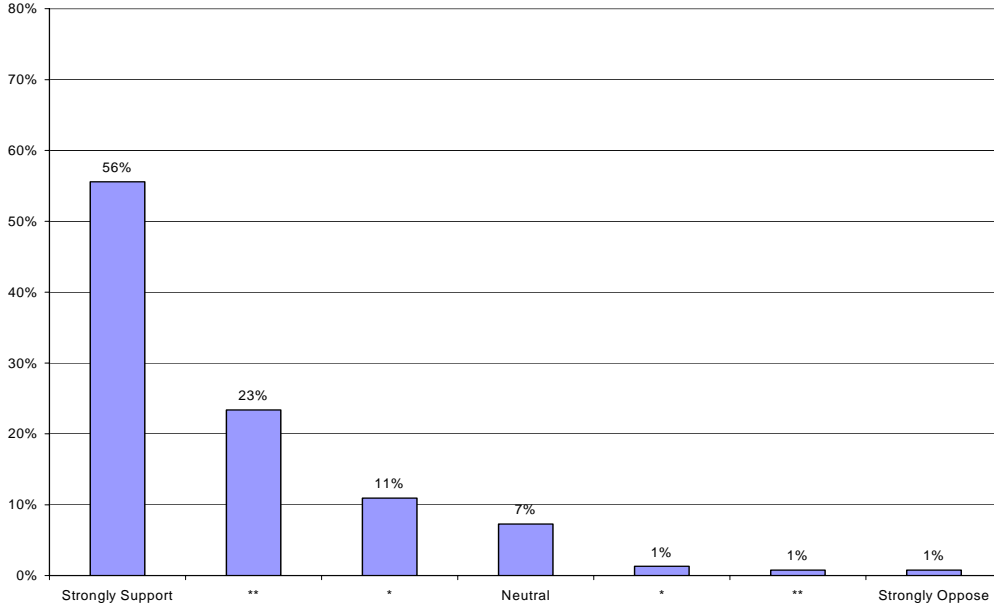


Figure 19. Responses to the strategy “Strictly enforce erosion control standards at residential construction sites near lakes, wetlands and streams”

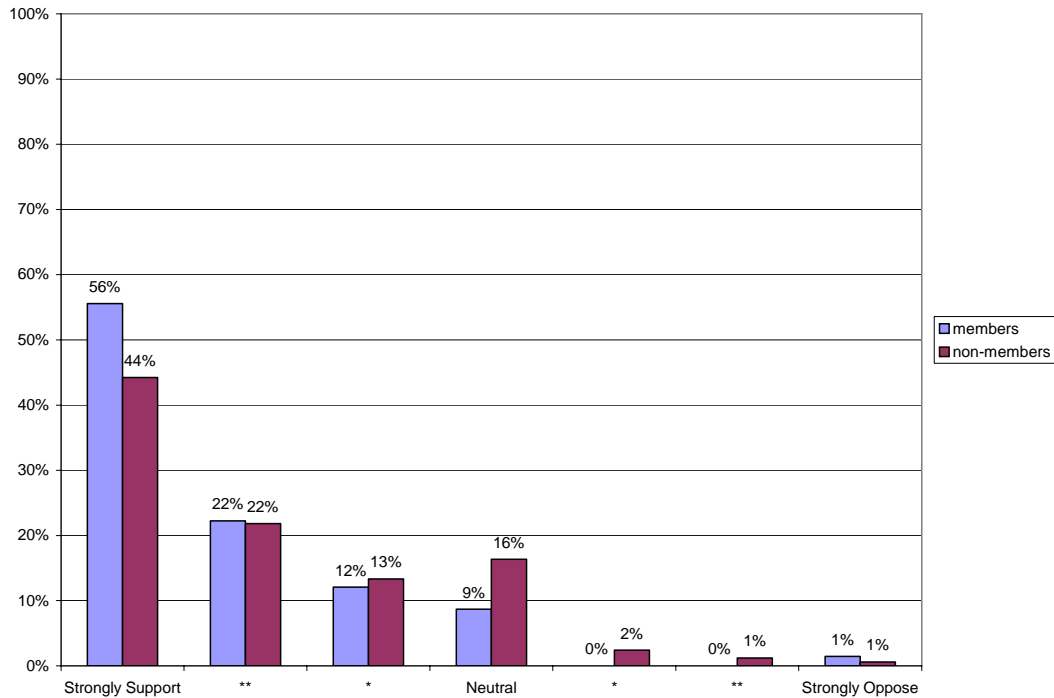


Figure 20. Responses to the strategy “Require more stringent erosion control measures for public works projects (roads, culverts, utilities, etc.)”

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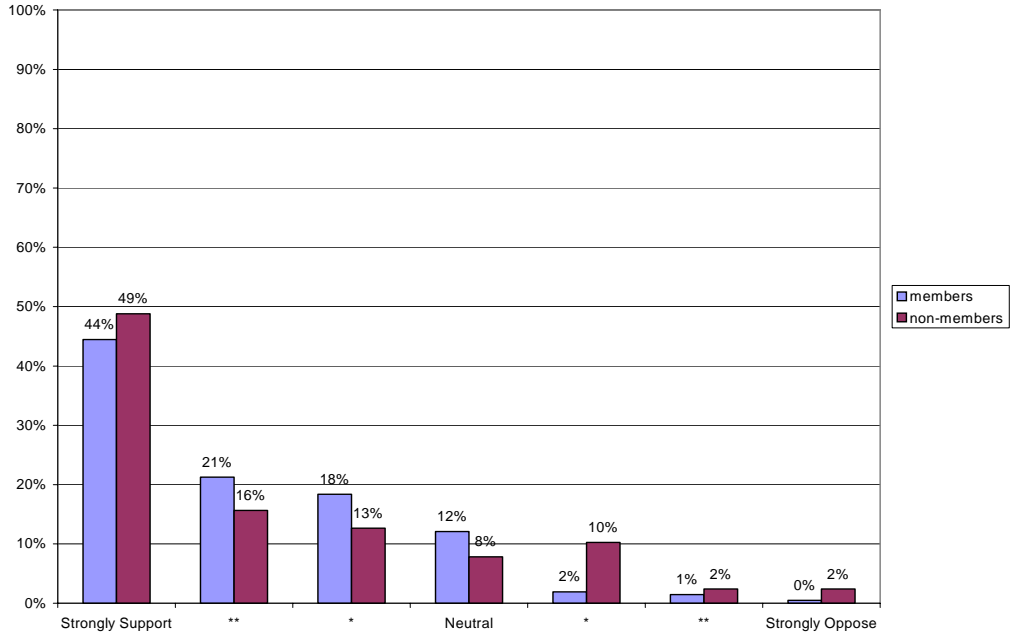


Figure 21. Responses to the strategy “Provide greater enforcement of no-wake rules near shorelines and sensitive areas”.

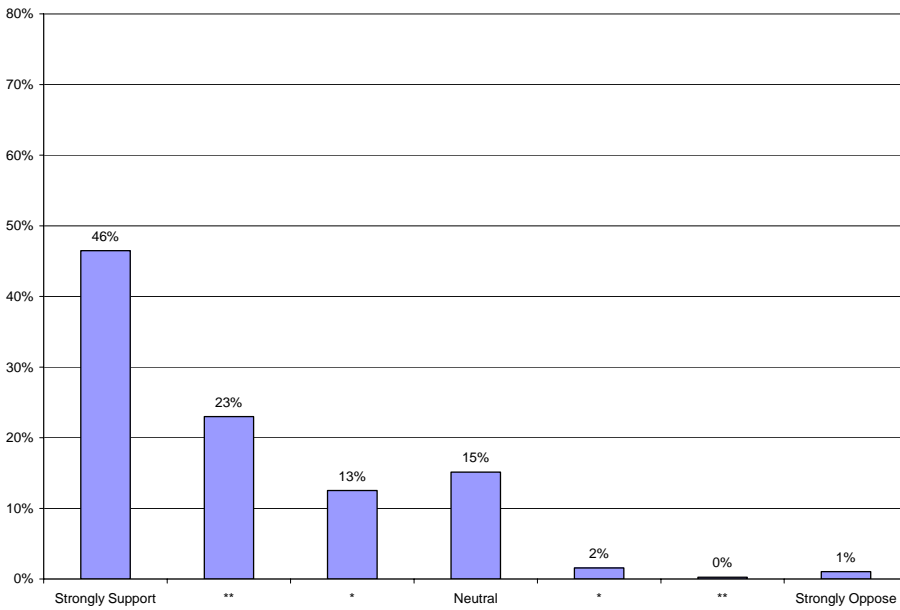


Figure 22. Responses to the strategy “Regulate the future location of high-capacity groundwater wells where they may negatively impact groundwater quality”.

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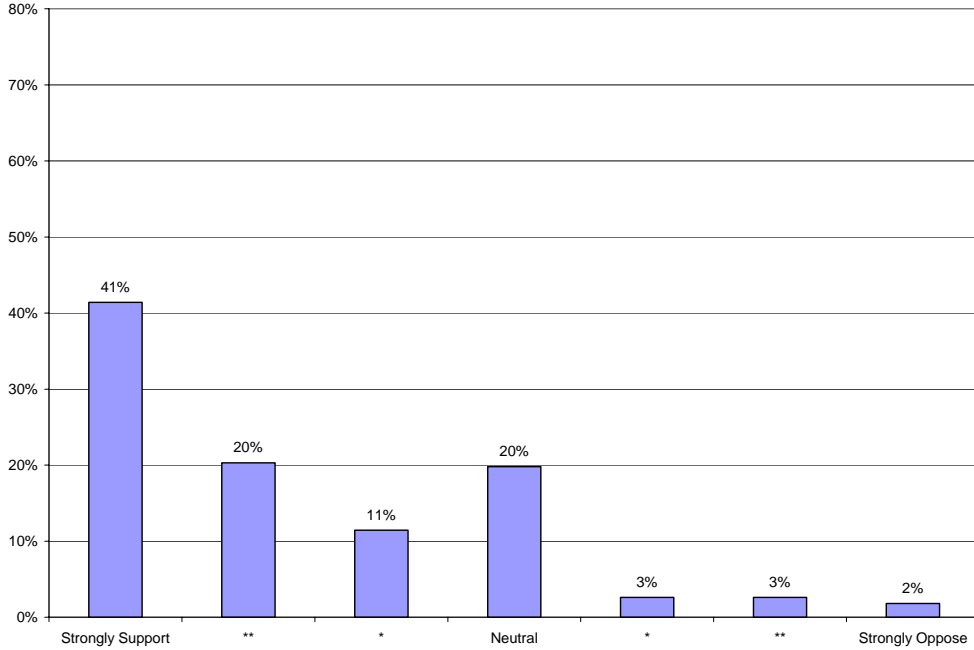


Figure 23. Responses to the strategy “Provide educational materials that encourage fishing tournament participants to protect water quality”.

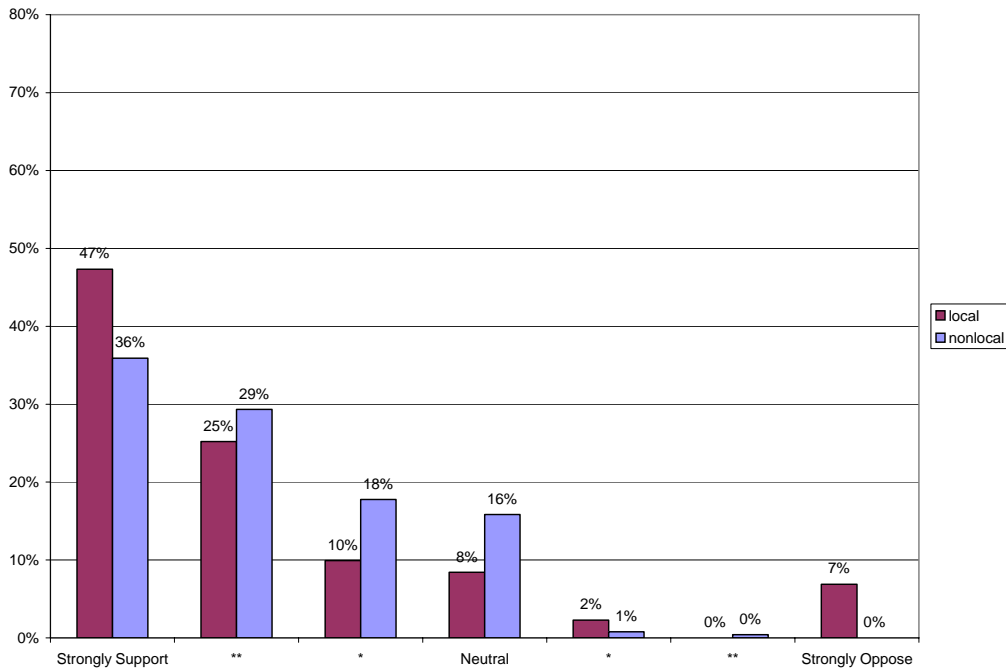


Figure 24. Responses to the strategy “Improve boat landings and other public access points to reduce runoff and erosion”.

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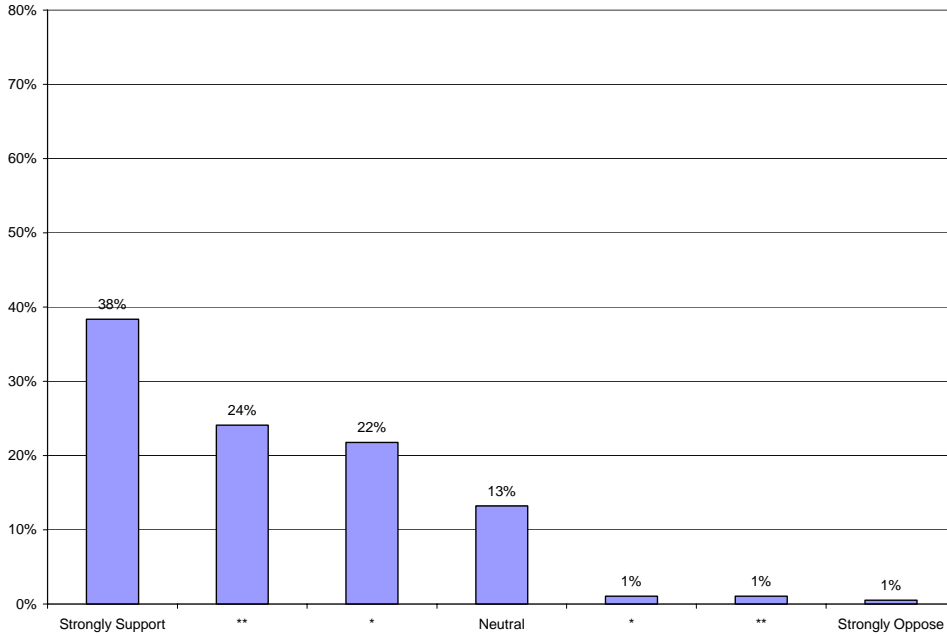


Figure 25. Responses to the strategy “Increase the availability of educational programs for people who wish to improve water quality through land stewardship”.

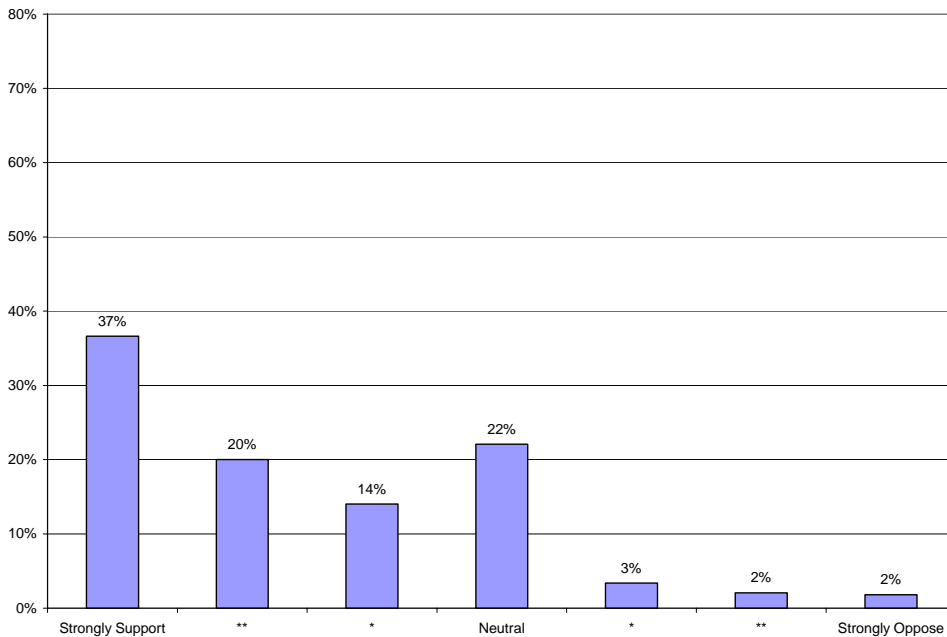


Figure 26. Responses to the strategy “Limit construction in and around areas where rainwater and surface waters contribute to the groundwater supply”.

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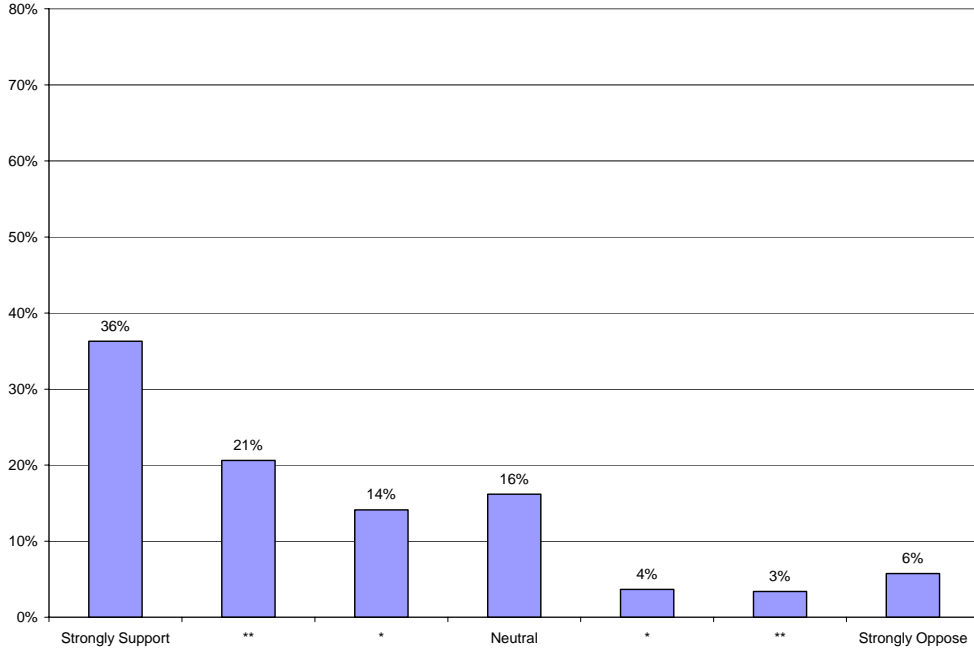


Figure 27. Responses to the strategy “Provide property tax credits to property owners who voluntarily restore vegetation in the shoreline area”.

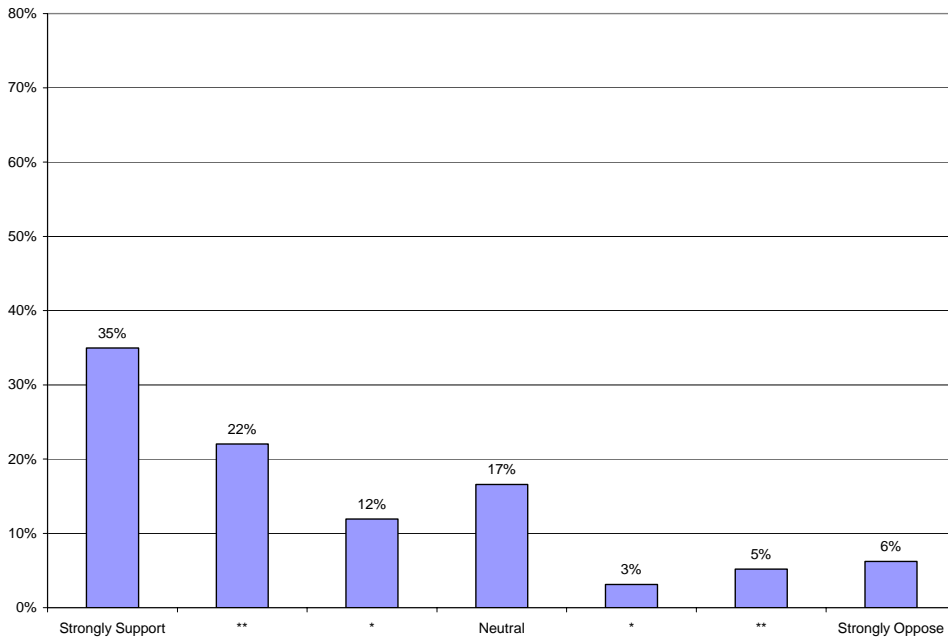


Figure 28. Responses to the strategy “Use public funds to acquire lakeshore, wetlands and other areas to provide water quality protection”.

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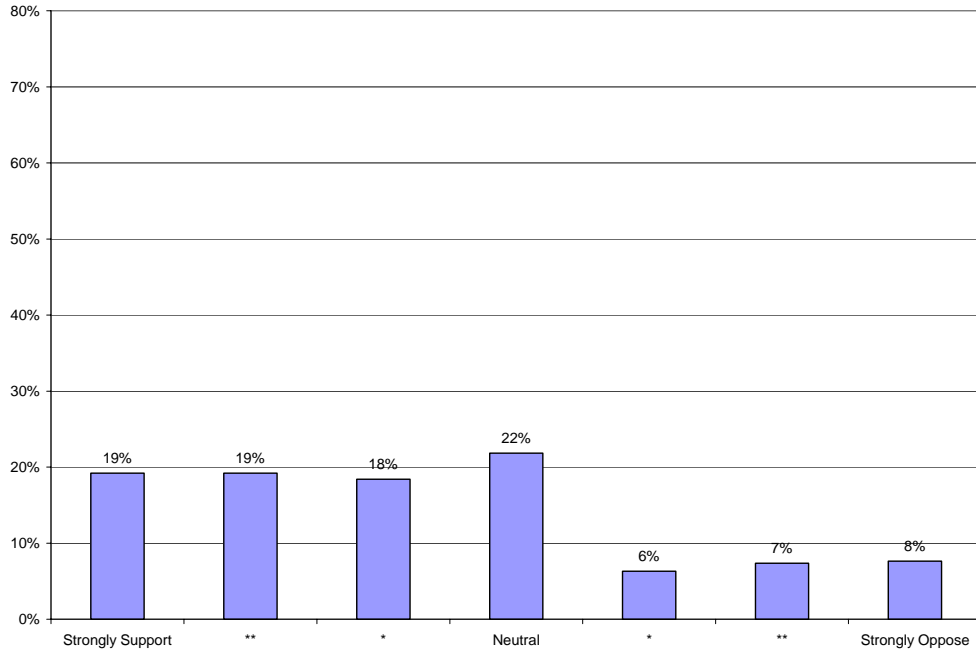


Figure 29. Responses to the strategy “Provide financial assistance to farmers in the area to help them meet mandatory erosion and runoff reduction goals”

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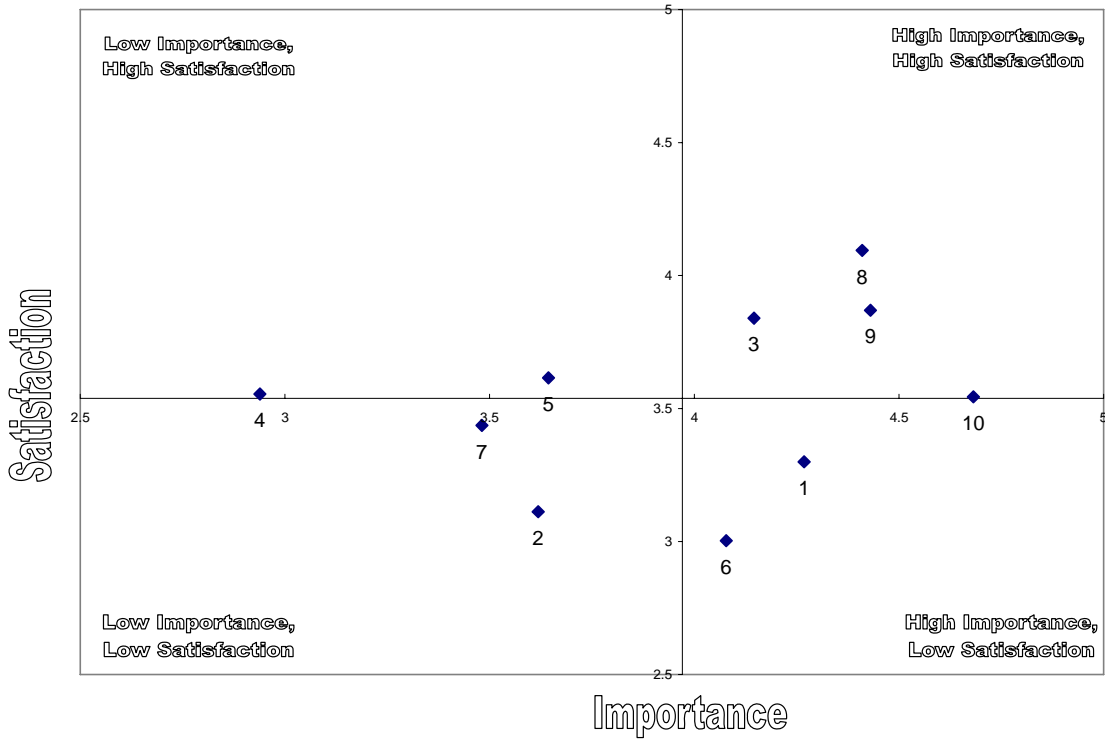


Figure 30. Importance- Satisfaction mapping for ten motivations of property ownership:

- |  |   |
|--|---|
| <p>1. Undeveloped nature of the area’s lakes</p> <p>2. Economic health of the area</p> <p>3. Wildlife watching opportunities</p> <p>4. Hunting Opportunities</p> <p>5. Overall access to lakes and streams for fishing</p> | <p>6. The overall quality of fishing resources in the area</p> <p>7. Access to public lands for various other outdoor recreation activities</p> <p>8. Presence of undeveloped areas (Hunt Hill, Tomahawk Scout Camp, etc.)</p> <p>9. Open space and scenic beauty of the countryside</p> <p>10. The high level of water quality in the area’s lakes, rivers and streams</p> |
|--|---|



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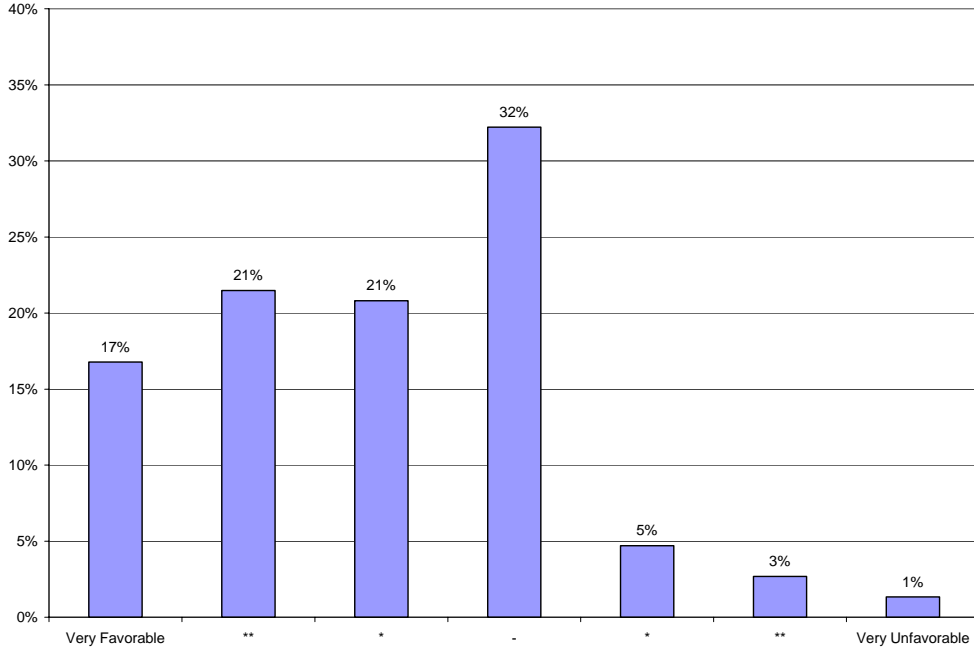


Figure 31. Responses to the statement “Overall, how favorable of an opinion do you have of the LLPA?”

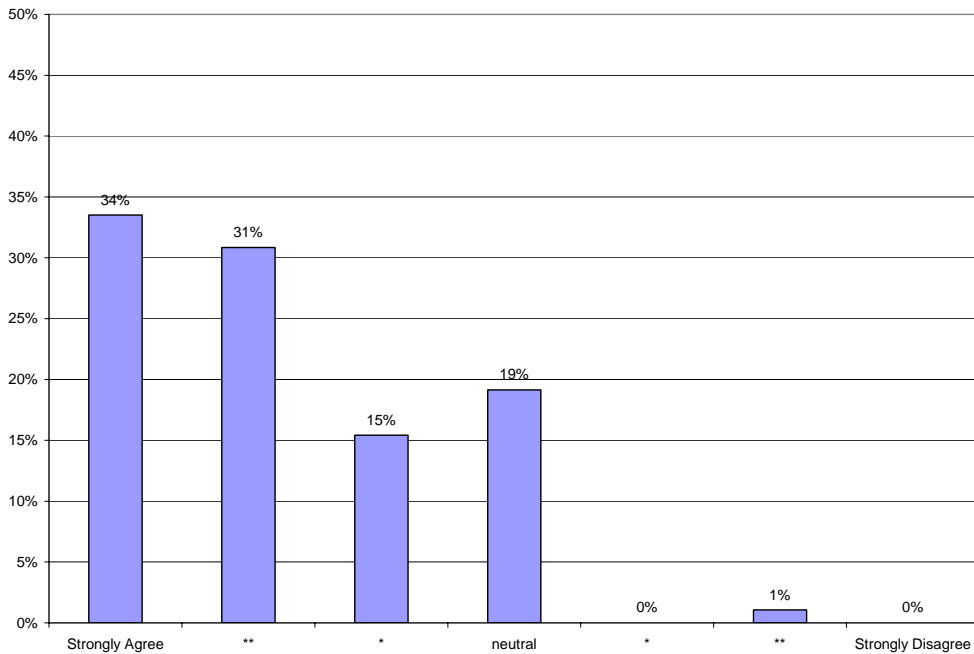


Figure 32. Responses to the statement “The LLPA should be more involved in reducing watershed (non-lakeshore) sources of nutrients and sediments”

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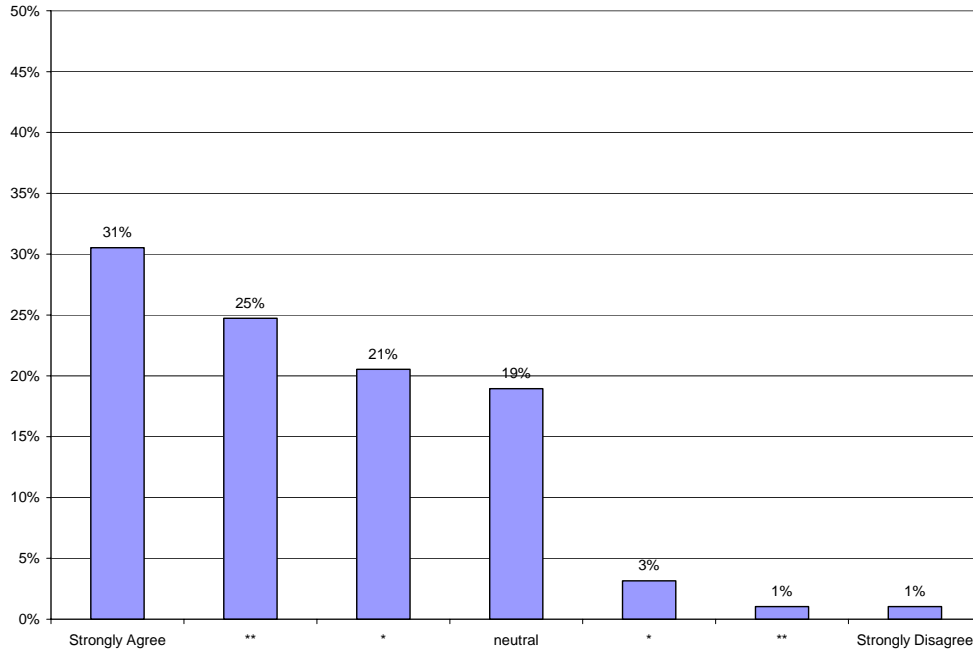


Figure 33. Responses to the statement “The LLPA should do more to address shoreline and shoreland area vegetation and habitat restoration”

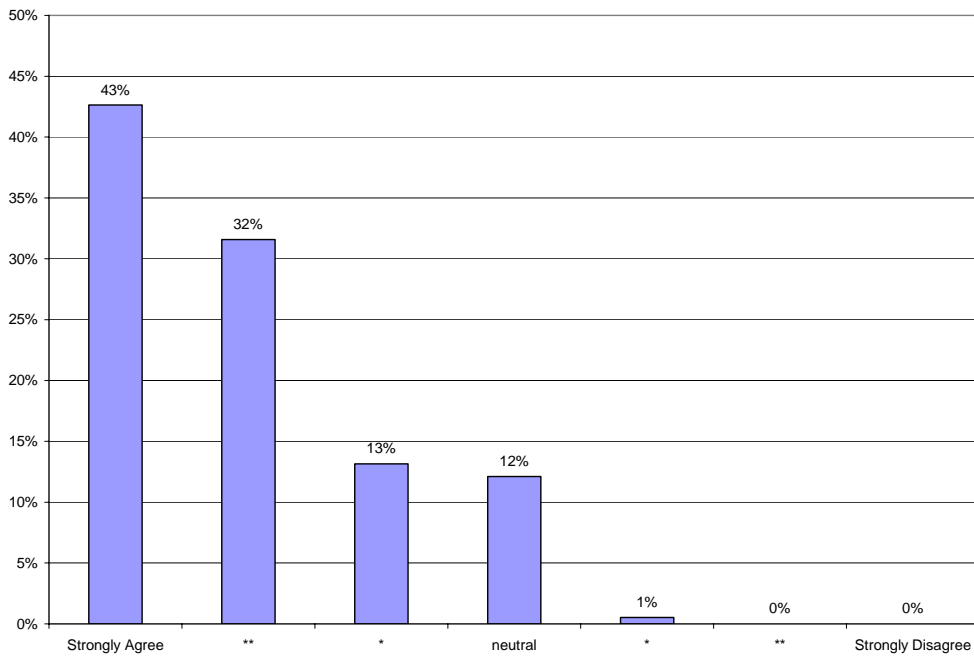


Figure 34. Responses to the statement “The LLPA should be more proactively involved with town and county board decisions that could impact Long Lake”