

***2020 Waterway Management Nationwide Survey: Overview of results to inform Waterway Management Project Steering Committee***

In late Summer of 2020, the Waterways Management Workgroup, funded through a nonprofit grant administered by the U.S. Coast Guard, distributed a nationwide survey for the purposes of developing a third edition of the Guide to Waterways Management.

Out of 1,787 completed responses, 1,445 respondents (80.86 percent) indicate their primary interest as Non-government – Waterway User when asked to self-classify as Government, Non-government – Business Interest or Non-Government – Waterway User. While this overwhelming response from one out of the three groups does not affect the content that will be contained in the Guide, the priorities indicated by this demographic does influence content priorities.

Respondents who self-identify as Government interests represent 11.75 percent of respondents, and those that self-identify as Non-government – Business Interest represent 7.39 percent of respondents. These percentages include only those responses that were considered ‘Complete.’ A ‘Complete’ response, as defined by SurveyMonkey, means the respondent answered all required questions and clicked ‘Done’ on the last page. When all responses were tallied, both ‘Complete’ and ‘Incomplete’ responses totaled 3,415 responses.

Respondents who self-identified as Non-government (Business Interest or Waterway User) were asked to indicate aspects of waterway activity that they considered most important. Of four answer choices (and the option to select ‘Other’), the selected aspect of waterway activity that lends itself to priority level for the Guide is the pursuit of sport, pleasure and event-based activities.

All respondents were asked to identify which aspects of waterway management they think are or will be the most impacted by new and evolving usage trends (only ‘complete’ responses were included). Of 10 answer choices, four selected aspects rose to the level of priority for the Guide. The four aspects of waterway management that respondents indicated they expect to be most impacted by new and evolving trends are: use of recreational power or sail vessels/activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft/fishing, water or kite-skiing, cruising); human-powered recreational activities (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing); traffic operations for recreational users; and marinas, mooring, launching, service and maintenance.

All respondents were asked to identify what creates the greatest challenge on their waterway (only ‘complete’ responses were included). Of 13 answer choices and the option to select ‘Other,’ respondents were asked to select up to three. The seven topics that rose to the level of priority for inclusion in the Guide include: large crowds; personal watercraft (PWCs), airboats and similar vessels; motorized boats vs. paddle or rowing craft; wakes; recreational vessels vs. paddlers, swimmers, snorkelers, surfers, divers, etc.; derelict and at-risk vessels; and navigation, infrastructure, hazards (e.g. dams, weirs, submerged structures).

All respondents were asked to identify the three primary drivers of use conflicts on their waterway (only 'complete' responses were included). Of nine answer choices and the option to select 'Other,' respondents were asked to select up to three. The four topics that rose to the level of priority for the Guide include: reckless watercraft users (e.g. speed, alcohol use); user inexperience, lack of education; watercraft rental outfitters who provide no safety, navigation, or awareness information; and access points that are difficult to manage.

The final question asked of all respondents was to identify which aspects of waterway management are most important to meeting public needs and minimizing user conflict (only 'complete' responses were included). Of six answer choices and the option to select 'Other,' respondents were asked to select up to three. The five aspects that were identified as priority for the Guide include: public outreach, information, signage; authorities (who are) easy to find and approachable; authorities (who) encourage and listen to public comments; authorities (who) provide timely updates about regulations and current use; and periodic reviews conducted of regulations to continue or update.

The following graphics provide a summary of the survey results as presented to the Waterway Management Steering Committee on August 14, 2020.

Guide to Multiple Use Waterway Management

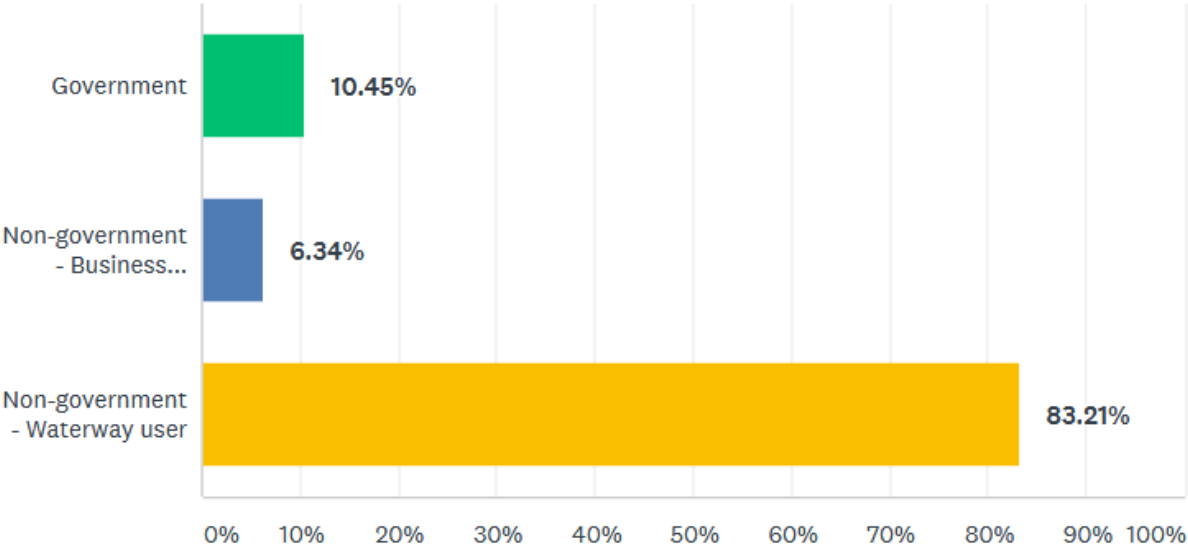
August 14, 2020

# Nationwide Survey Preliminary Review

# Survey Input – 3,415 Responses

Which term represents your primary interest?

Answered: 3,406   Skipped: 9



ANSWER CHOICES	RESPONSES	
Government	10.45%	356
Non-government - Business interest	6.34%	216
Non-government - Waterway user	83.21%	2,834
TOTAL		3,406

All Responses – Complete and Incomplete

# “Raw” Data Posted on Basecamp (8/10/2020)

"WWM\_Survey\_File\_Names\_2020\_08\_10" provides an overview of the naming convention to these posted files and the file type (csv, PPT, pdf, xls).

In general:

- "Batch 1" through "Batch 5": All Data - 3413 Responses; include data from responses labeled both "Complete" and "Incomplete"
- "Batch C1" through "Batch C5" - Data from Completed surveys only - 1795 responses with 8 unknown primary interests
- "Batch C3G-Gov" and "Batch C5G-Gov" - PowerPoint summary and Excel files from completed data filtered by 'Government interest' response in question 1 - 210 responses with open comments.
- "Batch C3B-Business" and "Batch C5B- Business" - PowerPoint summary and Excel files from completed data filtered by 'Non-Government Business Interest' in question 1 - 132 responses with open comments.
- "Batch C3U-User" and "Batch C5U-User" - PowerPoint summary and Excel files from completed data filtered by 'Non-Government - Waterway User interest' in question 1 - 1,445 responses with open comments.

Filter Applied:

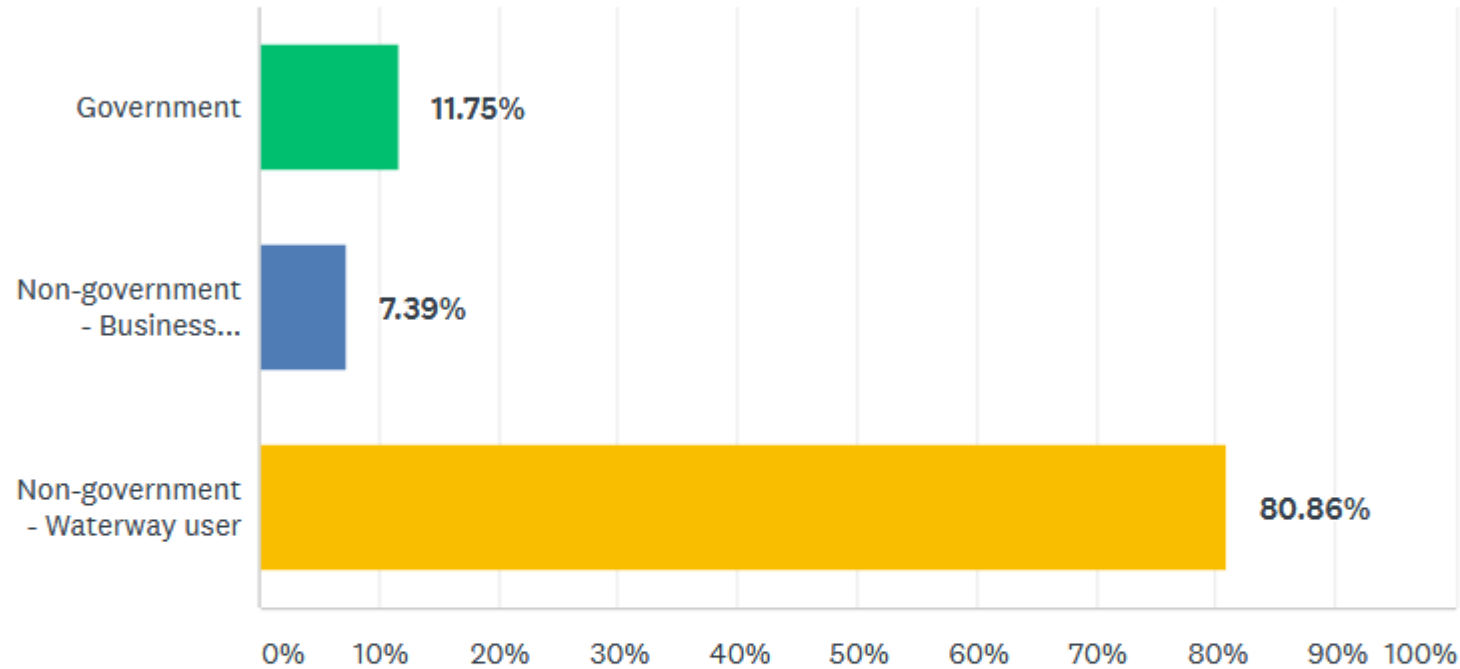
# Complete Responses

per SurveyMonkey

'Complete' means the respondent answered all required questions and clicked 'Done' on the last page.

# Which term represents your primary interest?

Answered: 1,787 Skipped: 8

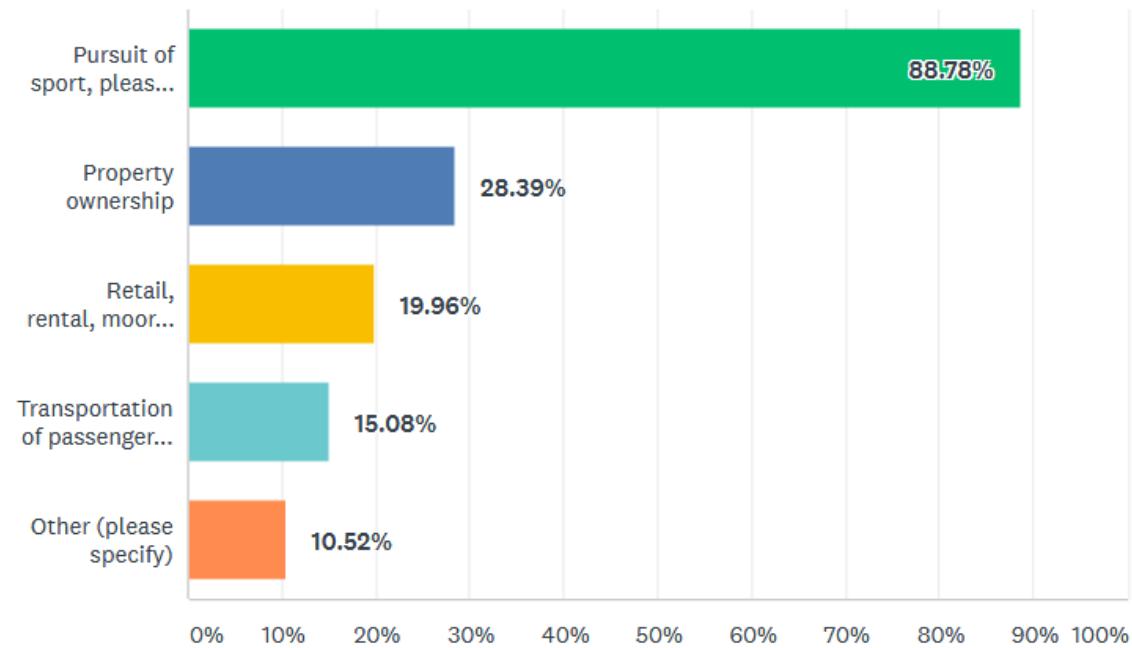


Q1 - All  
Complete  
Reponses

ANSWER CHOICES	RESPONSES	
Government	11.75%	210
Non-government - Business interest	7.39%	132
Non-government - Waterway user	80.86%	1,445
TOTAL	1,787	

Please indicate aspects of waterway activity that are most important to you.  
Check all that apply.

Answered: 1,578    Skipped: 217



ANSWER CHOICES	RESPONSES	
Pursuit of sport, pleasure and event-based activities	88.78%	1,401
Property ownership	28.39%	448
Retail, rental, mooring facilities, products, services	19.96%	315
Transportation of passengers, commerce-related cargo, infrastructure	15.08%	238
Other (please specify)	10.52%	166
Total Respondents: 1,578		

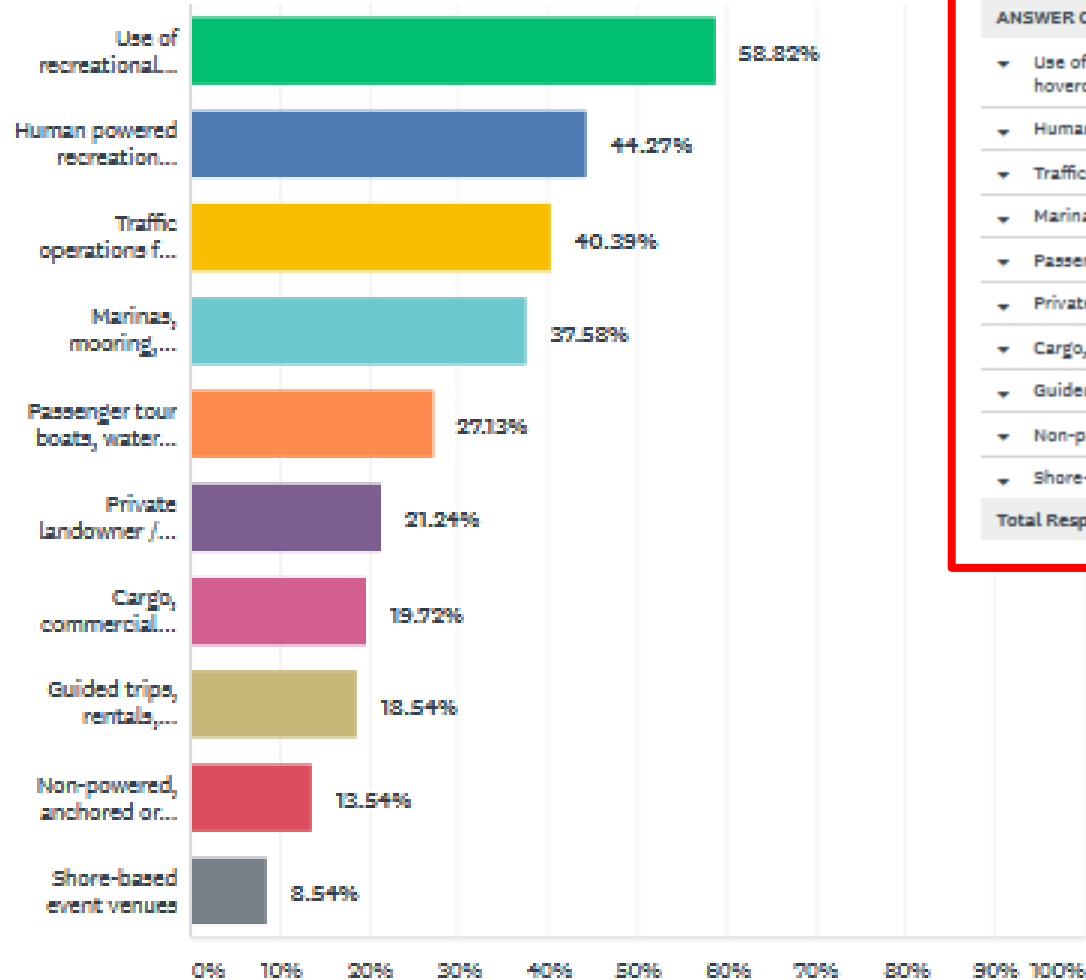
Q3 - All Complete Reponses/ "Importance"

This question was asked of 'Business' and 'Users' interest categories only.



Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 1,780 Skipped: 15



ANSWER CHOICES	RESPONSES
▼ Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	58.82% 1,047
▼ Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing)	44.27% 788
▼ Traffic operations for recreational users	40.39% 719
▼ Marinas, mooring, launching, service and maintenance	37.58% 669
▼ Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters	27.13% 483
▼ Private landowner / homeowner management	21.24% 378
▼ Cargo, commercial fishing/trolling, towing, construction, work boats	19.72% 351
▼ Guided trips, rentals, liveries, instruction	18.54% 330
▼ Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	13.54% 241
▼ Shore-based event venues	8.54% 152
Total Respondents: 1,780	

Q4 – All Complete Responses/  
“Impact”

Which of the following create the greatest challenges on your waterway(s)?  
Check up to three.

Answered: 1,795    Skipped: 0

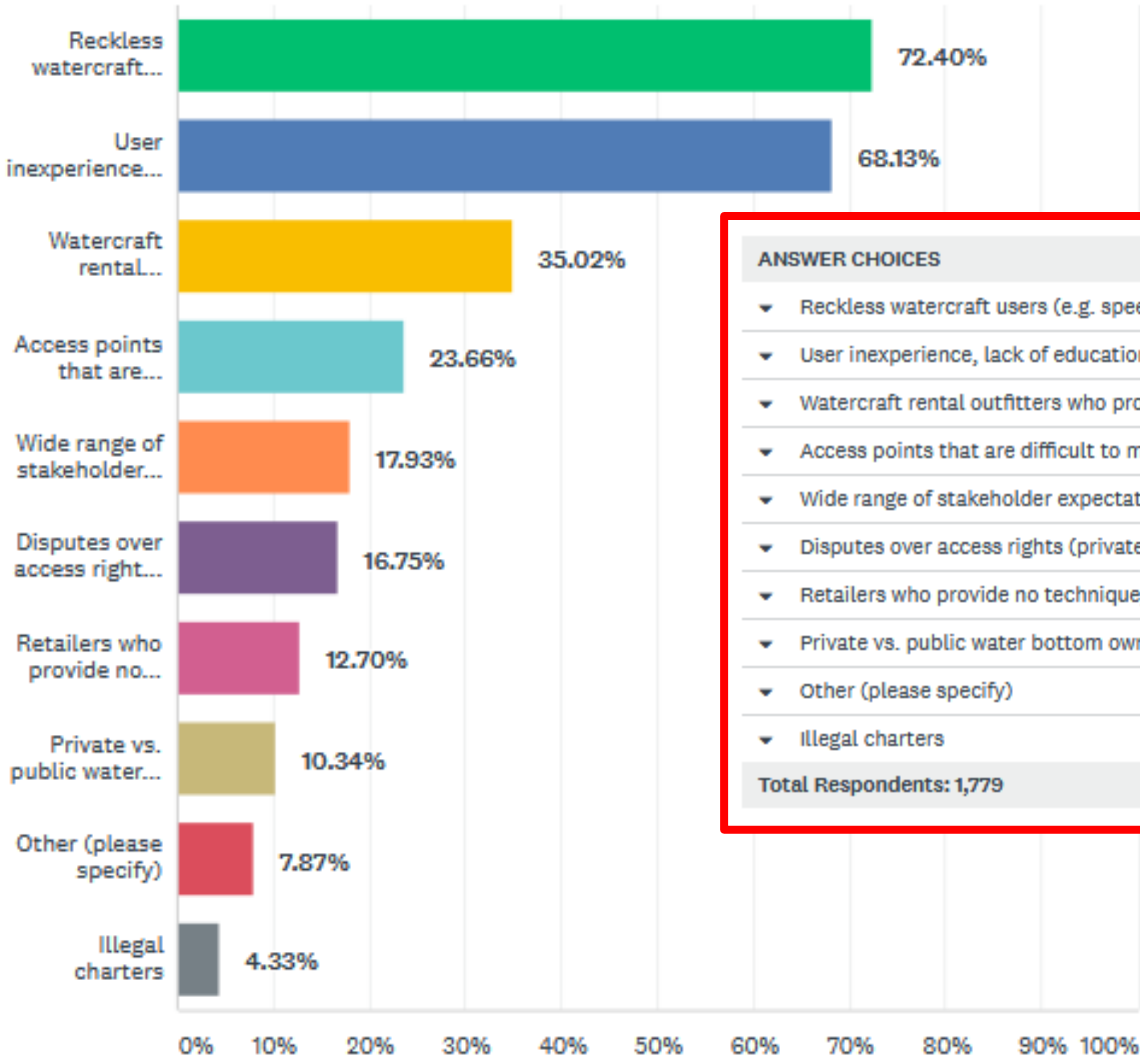


ANSWER CHOICES	RESPONSES	
Large crowds	33.98%	610
PWCs (personal watercraft), air boats and similar vessels	32.81%	589
Motorized boats vs. paddle or rowing craft	30.08%	540
Wakes	28.97%	520
Recreational vessels vs. paddlers, swimmers, snorkelers, surfers, divers, etc.	28.02%	503
Derelict and at-risk vessels	27.80%	499
Navigation, infrastructure, hazards (e.g., dams, weirs, submerged structures)	26.46%	475
Landowners vs. everyone	18.16%	326
Aquatic nuisance species	17.77%	319
Other (please specify)	14.32%	257
Noise pollution	8.58%	154
Transportation of goods/cargo vs. recreational pursuits	6.96%	125
Special Marine Events	5.63%	101
Vessels involved with transporting goods/cargo (with each other)	3.01%	54
Total Respondents: 1,795		

Q5 – All Complete Responses/  
“Challenges”

# Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 1,779    Skipped: 16

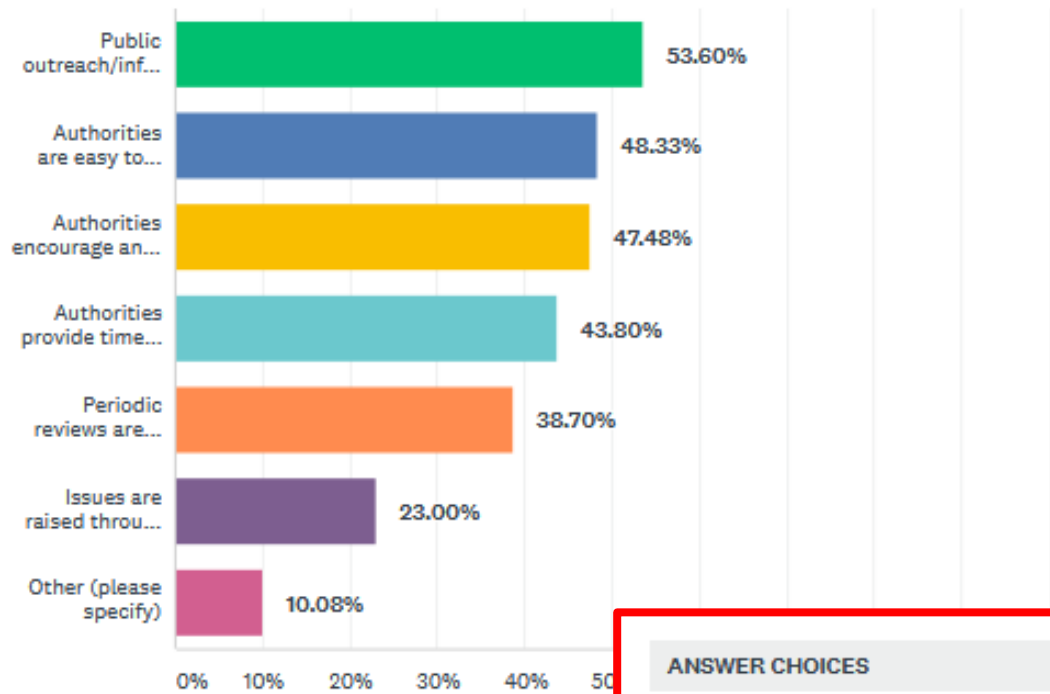


ANSWER CHOICES	RESPONSES	
Reckless watercraft users (e.g. speed, alcohol use)	72.40%	1,288
User inexperience, lack of education	68.13%	1,212
Watercraft rental outfitters who provide no safety, navigation, or awareness information	35.02%	623
Access points that are difficult to manage	23.66%	421
Wide range of stakeholder expectations	17.93%	319
Disputes over access rights (private vs. public ownership issues)	16.75%	298
Retailers who provide no technique, safety and awareness information or instruction	12.70%	226
Private vs. public water bottom ownership issues (submerged lands)	10.34%	184
Other (please specify)	7.87%	140
Illegal charters	4.33%	77
Total Respondents: 1,779		

Q6– All Complete Responses/ “Drivers”

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 1,765   Skipped: 30



Q7– All Complete Responses/  
“Path Forward”

ANSWER CHOICES	RESPONSES	
Public outreach/information/signage	53.60%	946
Authorities are easy to find and approachable	48.33%	863
Authorities encourage and listen to public comments	47.48%	838
Authorities provide timely updates about regulations and current use	43.80%	773
Periodic reviews are conducted of regulations to continue or update	38.70%	683
Issues are raised through public comment in legislation or rulemaking	23.00%	406
Other (please specify)	Responses 10.08%	178
Total Respondents: 1,765		

Filter Applied – Question 1 – Primary Interest:

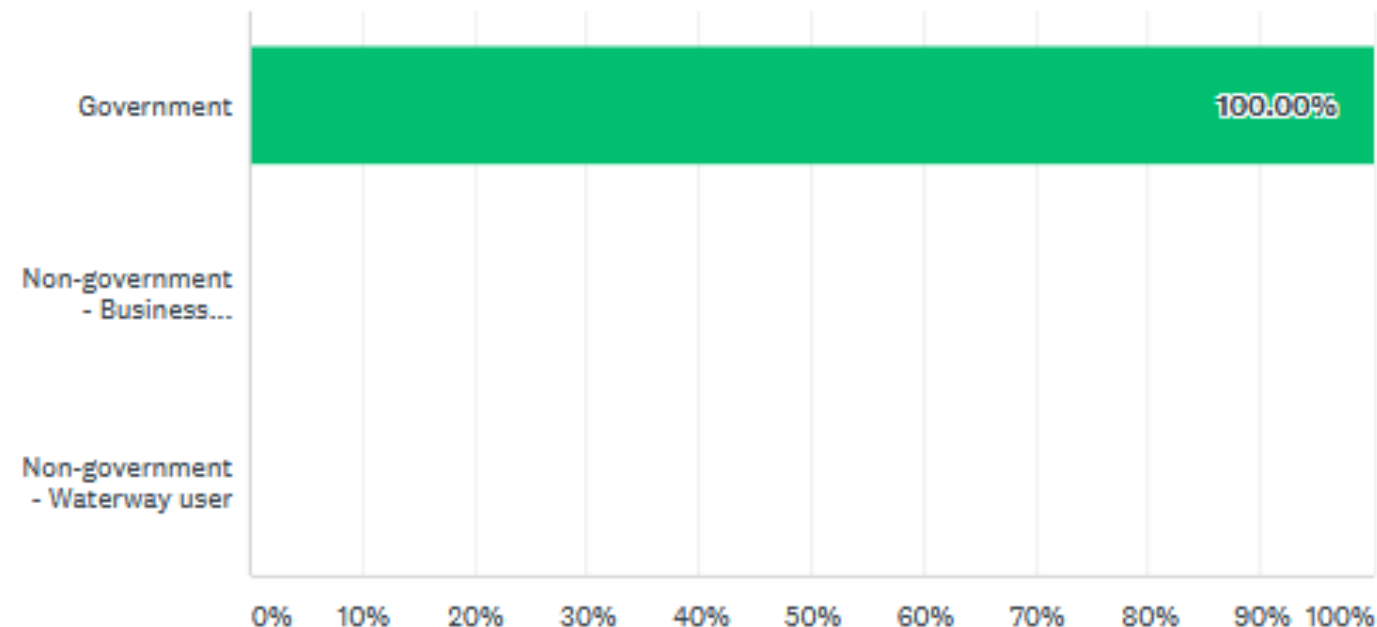
Government

Complete Responses

per SurveyMonkey

# Which term represents your primary interest?

Answered: 210    Skipped: 0

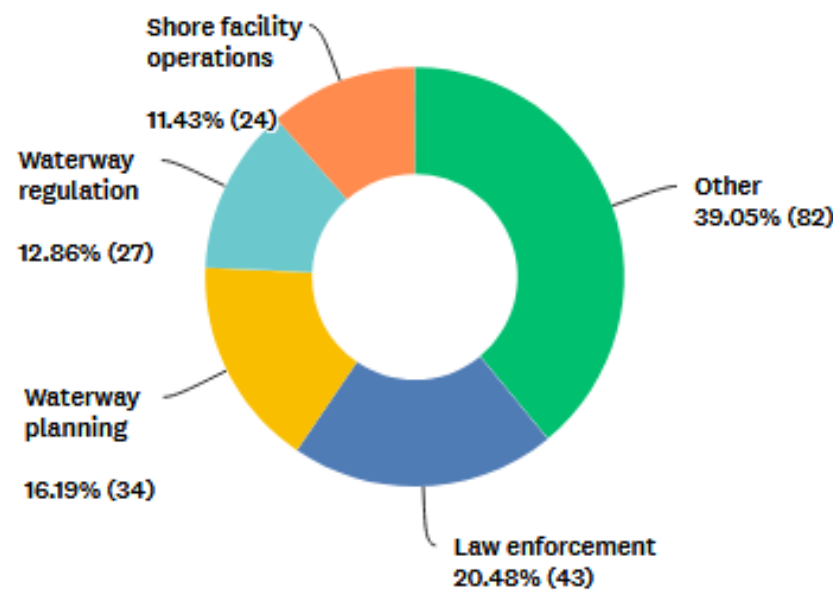


ANSWER CHOICES	RESPONSES	
Government	100.00%	210
Non-government - Business interest	0.00%	0
Non-government - Waterway user	0.00%	0
TOTAL		210

Q1 –  
Government  
Complete  
Reponses

# Which of the following best describes your area of responsibility?

Answered: 210    Skipped: 0



ANSWER CHOICES	RESPONSES
Other	39.05% 82
Law enforcement	20.48% 43
Waterway planning	16.19% 34
Waterway regulation	12.86% 27
Shore facility operations	11.43% 24
Waterway management	0.00% 0
TOTAL	210

Q2 – Government Areas of Responsibility - Complete Responses

Action Item: Explore the “Other” responses for commonalities

Q3



Customize

Save as ▾

Please indicate aspects of waterway activity that are most important to you.  
Check all that apply.

Answered: 0 Skipped: 210

⚠ No matching responses.

ANSWER CHOICES ▾	RESPONSES ▾
▼ Transportation of passengers, commerce-related cargo, infrastructure	0.00% 0
▼ Retail, rental, mooring facilities, products, services	0.00% 0
▼ Pursuit of sport, pleasure and event-based activities	0.00% 0
▼ Property ownership	0.00% 0
▼ Other (please specify) <a href="#">Responses</a>	0.00% 0
Total Respondents: 0	

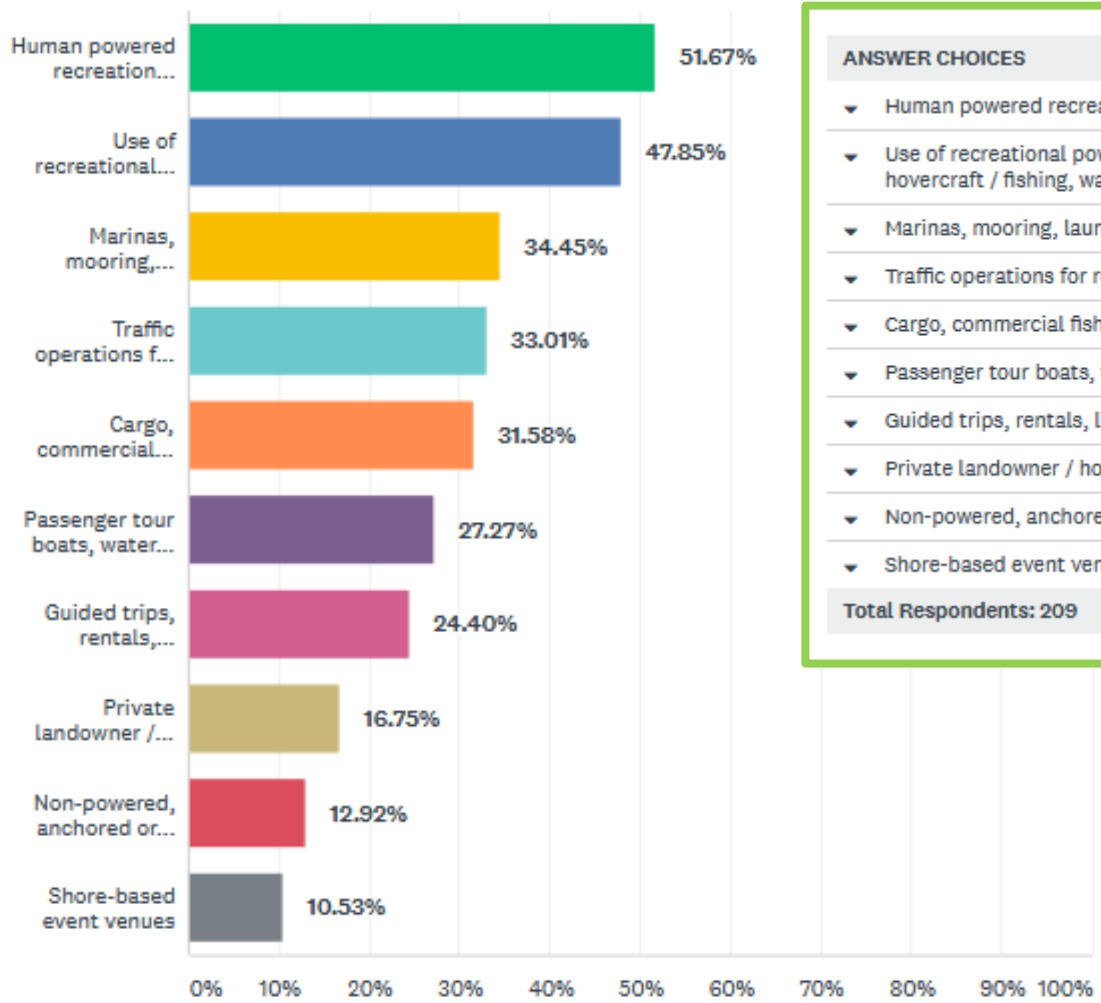
Not  
Asked

Q3 – Government  
Complete  
Reponses/  
“Importance”



Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 209    Skipped: 1

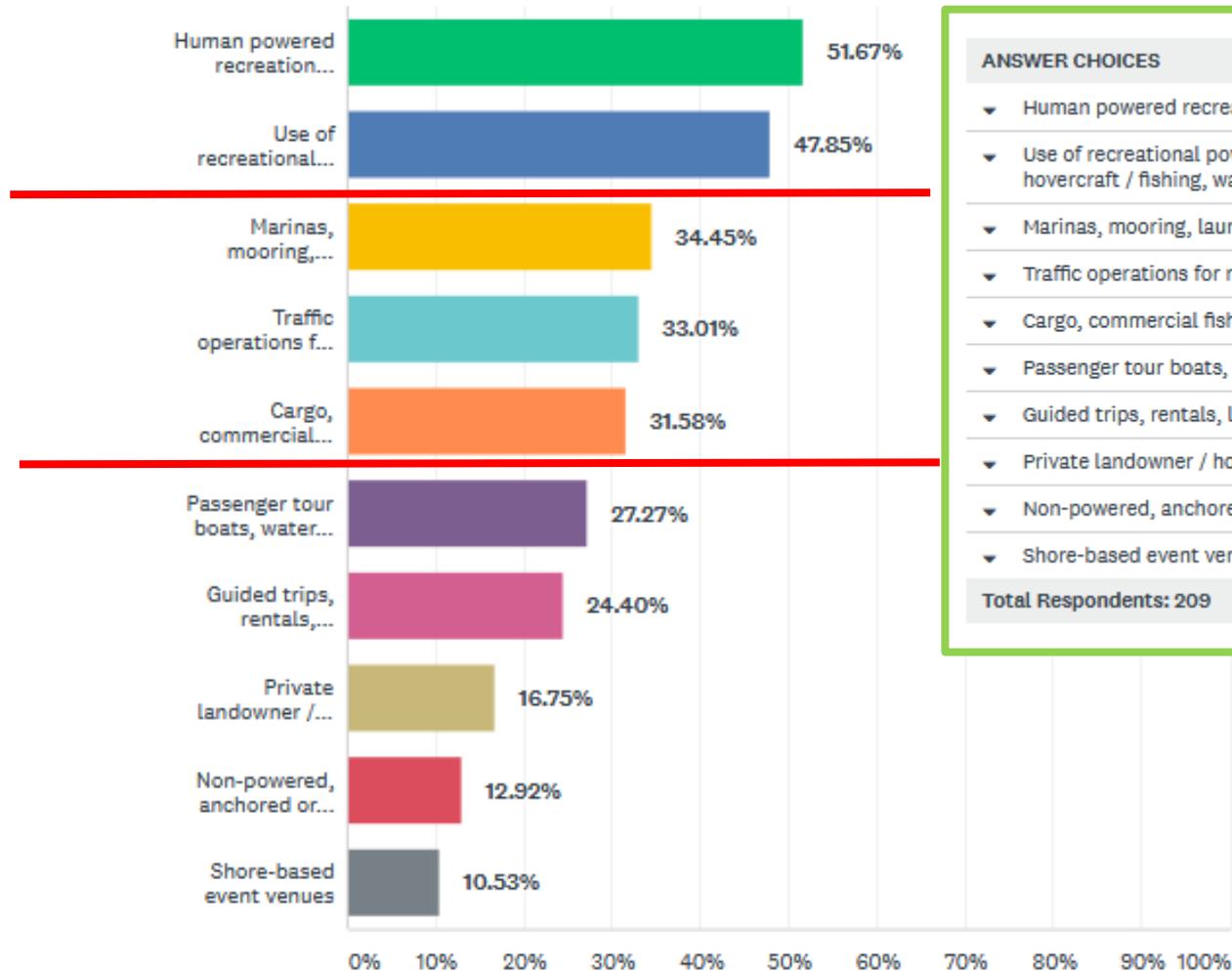


ANSWER CHOICES	RESPONSES	
Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing )	51.67%	108
Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	47.85%	100
Marinas, mooring, launching, service and maintenance	34.45%	72
Traffic operations for recreational users	33.01%	69
Cargo, commercial fishing/trolling, towing, construction, work boats	31.58%	66
Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters	27.27%	57
Guided trips, rentals, liveries, instruction	24.40%	51
Private landowner / homeowner management	16.75%	35
Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	12.92%	27
Shore-based event venues	10.53%	22
Total Respondents: 209		

Q4 – Government Complete Responses/ “Impact”

Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 209 Skipped: 1



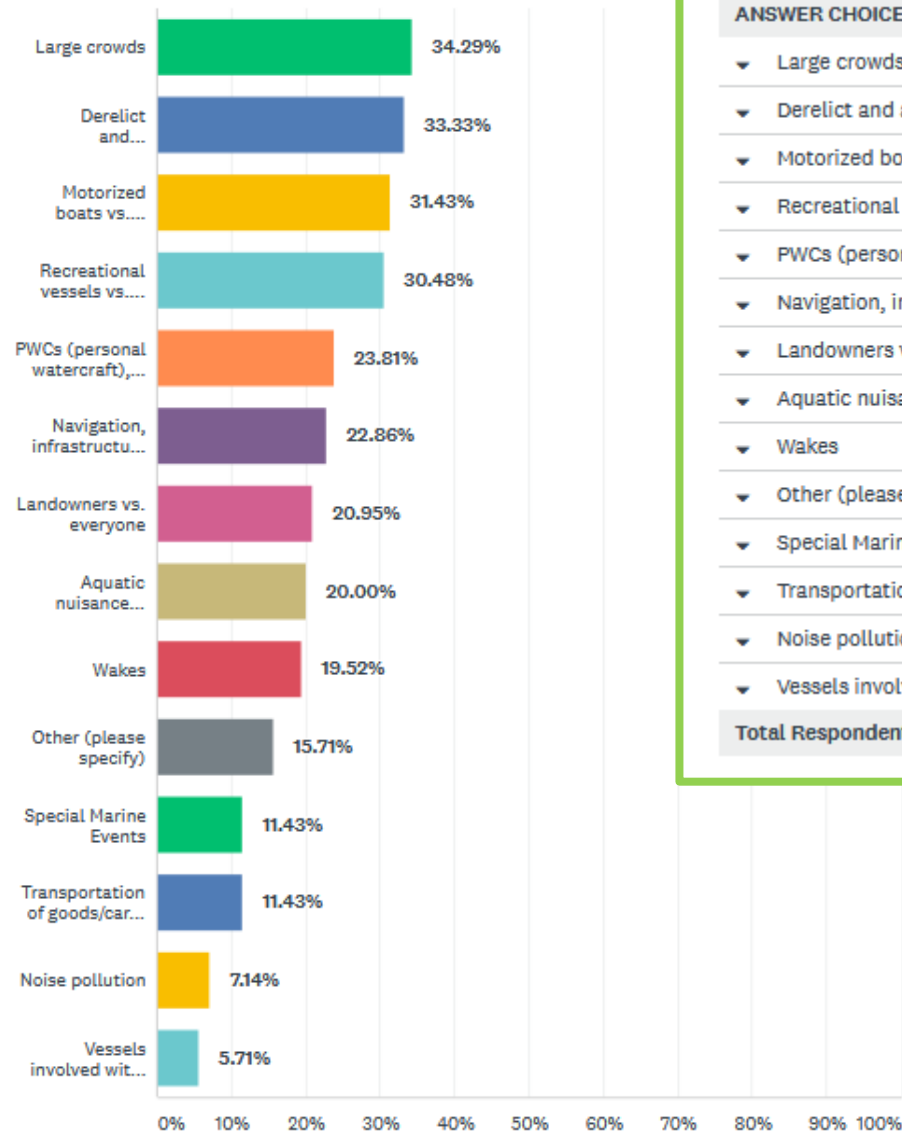
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Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing )	51.67% 108
Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	47.85% 100
Marinas, mooring, launching, service and maintenance	34.45% 72
Traffic operations for recreational users	33.01% 69
Cargo, commercial fishing/trolling, towing, construction, work boats	31.58% 66
Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters	27.27% 57
Guided trips, rentals, liveries, instruction	24.40% 51
Private landowner / homeowner management	16.75% 35
Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	12.92% 27
Shore-based event venues	10.53% 22
Total Respondents: 209	

Discussion needed on cutoff point: What is a point that is justifiable?

Q4 – Government Complete Responses/ "Impact"

## Which of the following create the greatest challenges on your waterway(s)? Check up to three.

Answered: 210 Skipped: 0

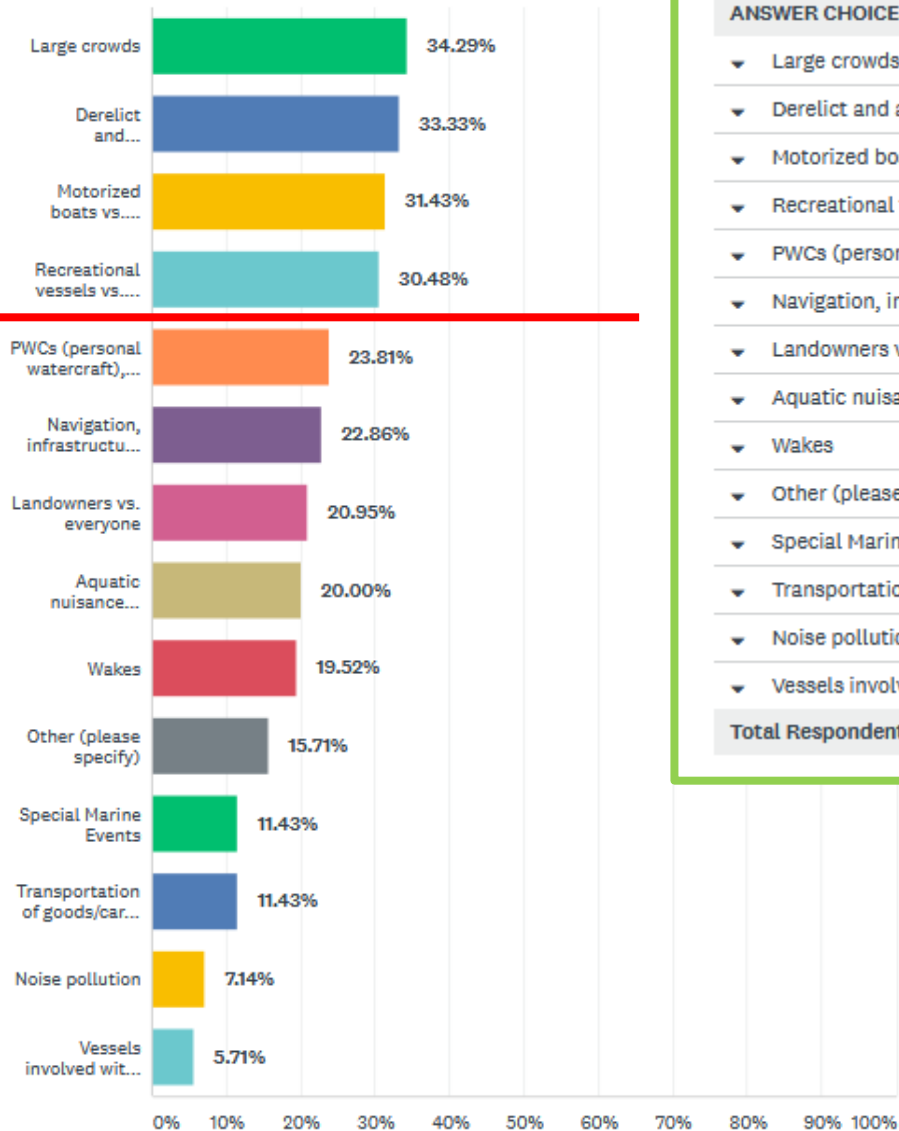


ANSWER CHOICES	RESPONSES	
Large crowds	34.29%	72
Derelict and at-risk vessels	33.33%	70
Motorized boats vs. paddle or rowing craft	31.43%	66
Recreational vessels vs. paddlers, swimmers, snorkelers, surfers, divers, etc.	30.48%	64
PWCs (personal watercraft), air boats and similar vessels	23.81%	50
Navigation, infrastructure, hazards (e.g., dams, weirs, submerged structures)	22.86%	48
Landowners vs. everyone	20.95%	44
Aquatic nuisance species	20.00%	42
Wakes	19.52%	41
Other (please specify)	15.71%	33
Special Marine Events	11.43%	24
Transportation of goods/cargo vs. recreational pursuits	11.43%	24
Noise pollution	7.14%	15
Vessels involved with transporting goods/cargo (with each other)	5.71%	12
Total Respondents: 210		

Q5 – Government  
Complete Responses/  
“Challenges”

## Which of the following create the greatest challenges on your waterway(s)? Check up to three.

Answered: 210 Skipped: 0

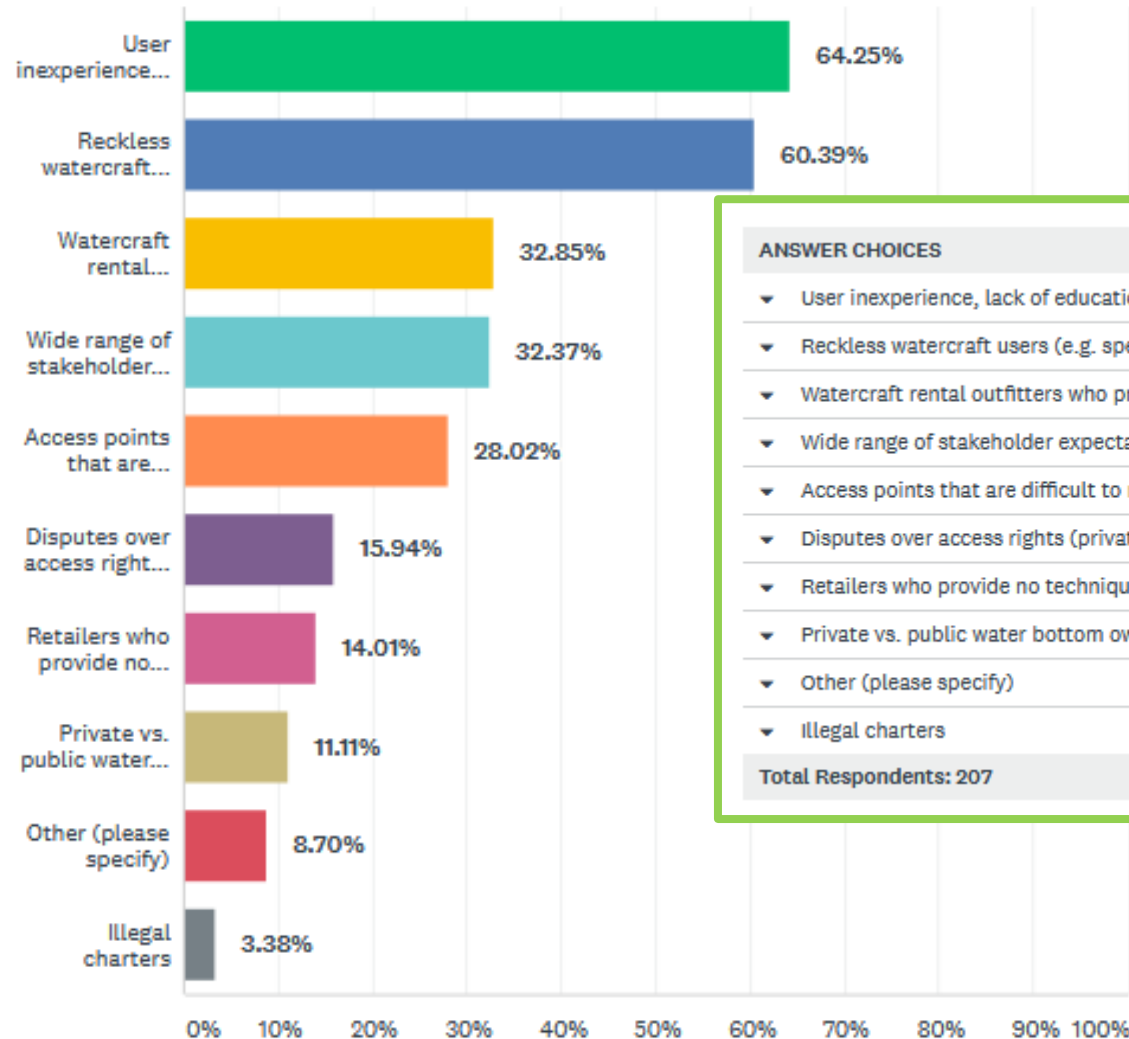


ANSWER CHOICES	RESPONSES	
Large crowds	34.29%	72
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Motorized boats vs. paddle or rowing craft	31.43%	66
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Wakes	19.52%	41
Other (please specify)	15.71%	33
Special Marine Events	11.43%	24
Transportation of goods/cargo vs. recreational pursuits	11.43%	24
Noise pollution	7.14%	15
Vessels involved with transporting goods/cargo (with each other)	5.71%	12
Total Respondents: 210		

Q5 – Government  
Complete Responses/  
“Challenges”

Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 207 Skipped: 3

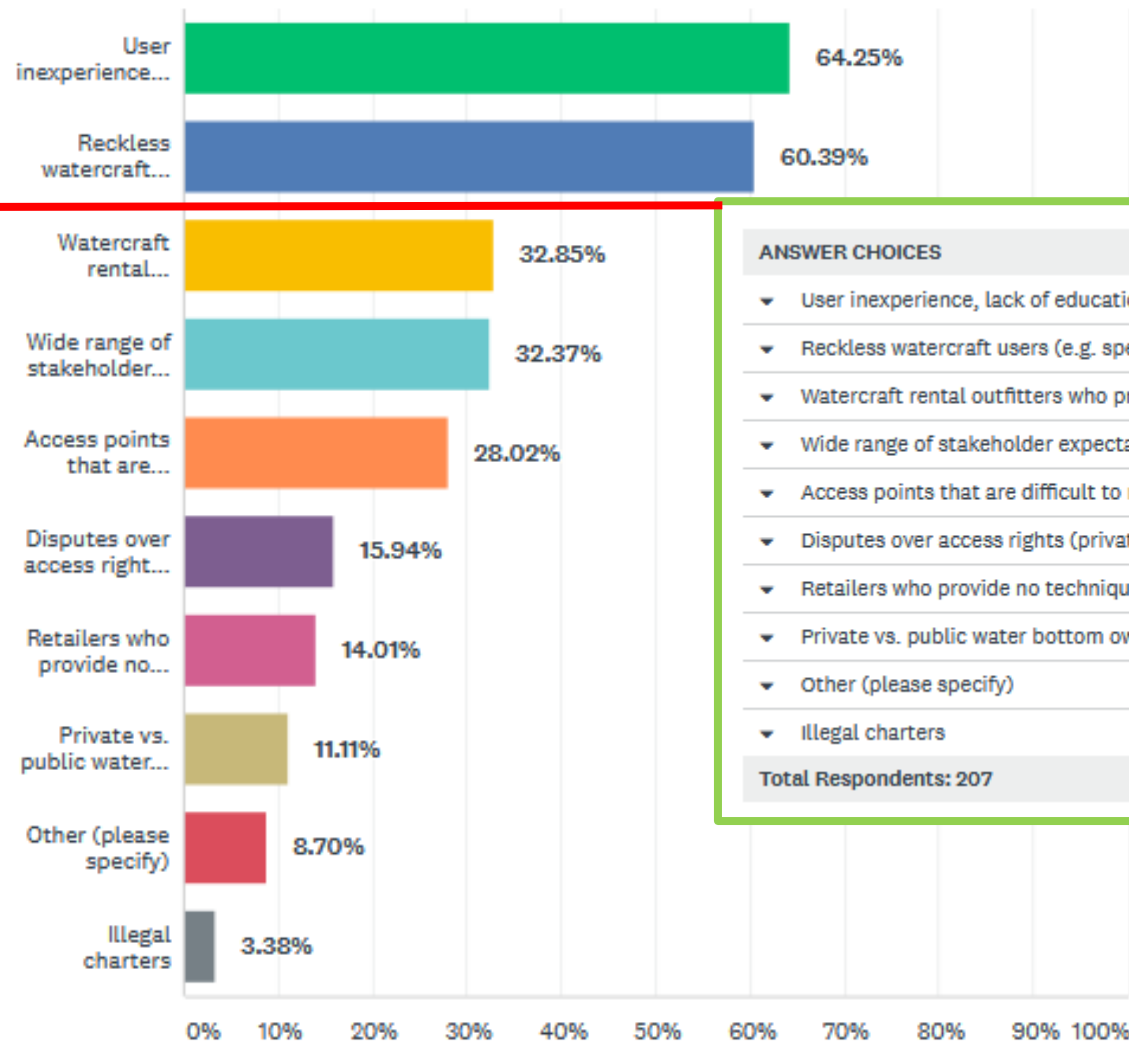


ANSWER CHOICES	RESPONSES	
▼ User inexperience, lack of education	64.25%	133
▼ Reckless watercraft users (e.g. speed, alcohol use)	60.39%	126
▼ Watercraft rental outfitters who provide no safety, navigation, or awareness information	32.85%	68
▼ Wide range of stakeholder expectations	32.37%	67
▼ Access points that are difficult to manage	28.02%	58
▼ Disputes over access rights (private vs. public ownership issues)	15.94%	33
▼ Retailers who provide no technique, safety and awareness information or instruction	14.01%	29
▼ Private vs. public water bottom ownership issues (submerged lands)	11.11%	23
▼ Other (please specify)	8.70%	18
▼ Illegal charters	3.38%	7
Total Respondents: 207		

Q6– Government  
Complete Responses/  
“Drivers”

Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 207 Skipped: 3

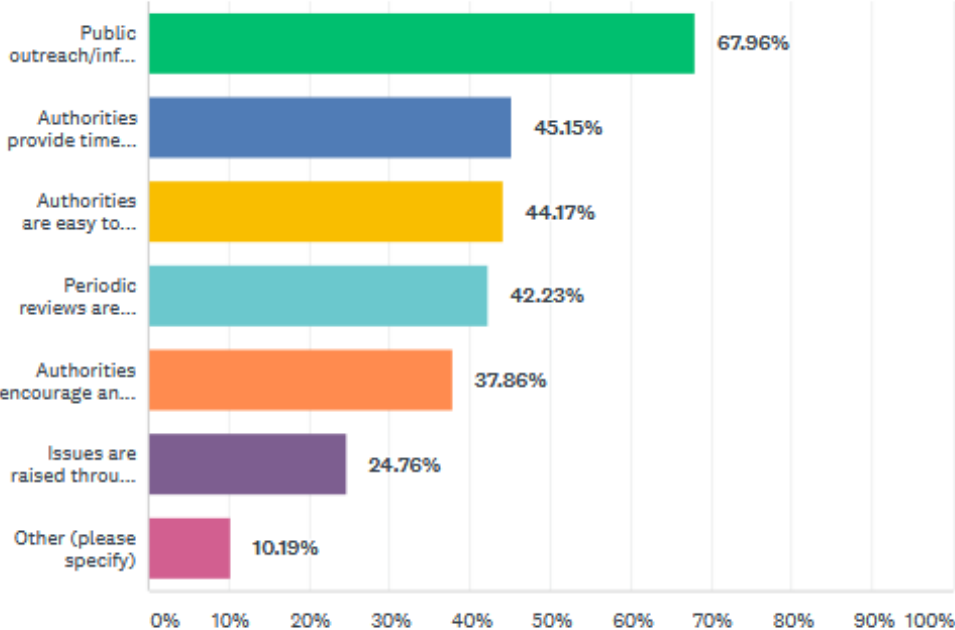


ANSWER CHOICES	RESPONSES	
▼ User inexperience, lack of education	64.25%	133
▼ Reckless watercraft users (e.g. speed, alcohol use)	60.39%	126
▼ Watercraft rental outfitters who provide no safety, navigation, or awareness information	32.85%	68
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▼ Private vs. public water bottom ownership issues (submerged lands)	11.11%	23
▼ Other (please specify)	8.70%	18
▼ Illegal charters	3.38%	7
Total Respondents: 207		

Q6– Government  
Complete Responses/  
“Drivers”

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 206   Skipped: 4

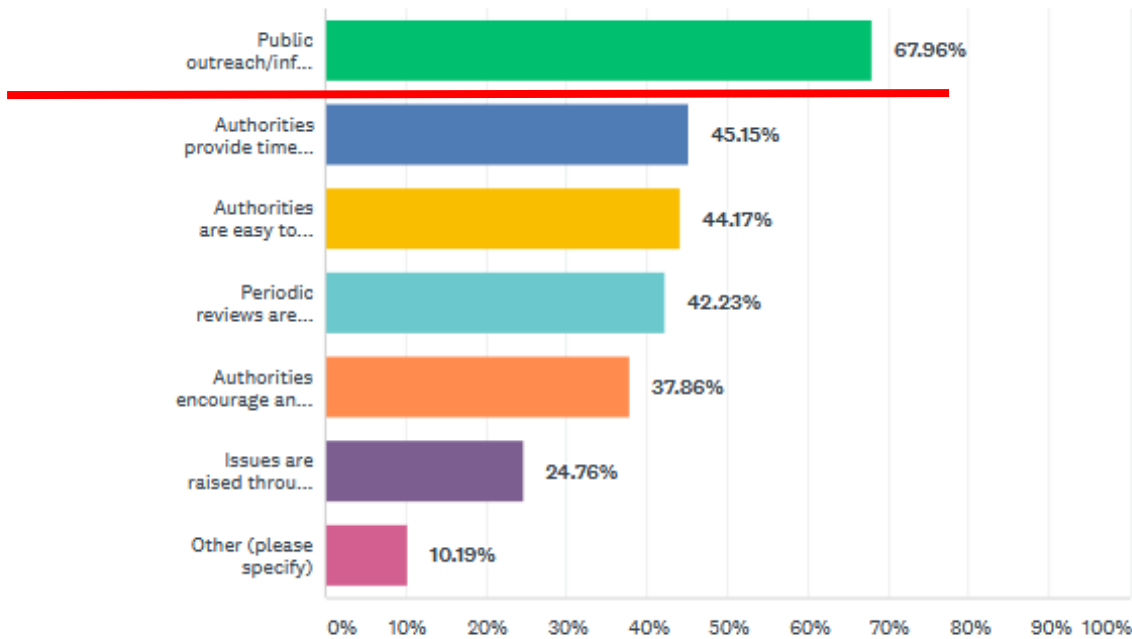


Q7– Government Complete Responses/ “Path Forward”

ANSWER CHOICES	RESPONSES	
Public outreach/information/signage	67.96%	140
Authorities provide timely updates about regulations and current use	45.15%	93
Authorities are easy to find and approachable	44.17%	91
Periodic reviews are conducted of regulations to continue or update	42.23%	87
Authorities encourage and listen to public comments	37.86%	78
Issues are raised through public comment in legislation or rulemaking	24.76%	61
Other (please specify)	10.19%	21
Total Respondents: 206		

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 206 Skipped: 4



Q7– Government Complete Responses/ “Path Forward”

ANSWER CHOICES	RESPONSES	
Public outreach/information/signage	67.96%	140
Authorities provide timely updates about regulations and current use	45.15%	93
Authorities are easy to find and approachable	44.17%	91
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Issues are raised through public comment in legislation or rulemaking	24.76%	61
Other (please specify)	10.19%	21
Total Respondents: 206		



Filter Applied – Question 1 – Primary Interest:

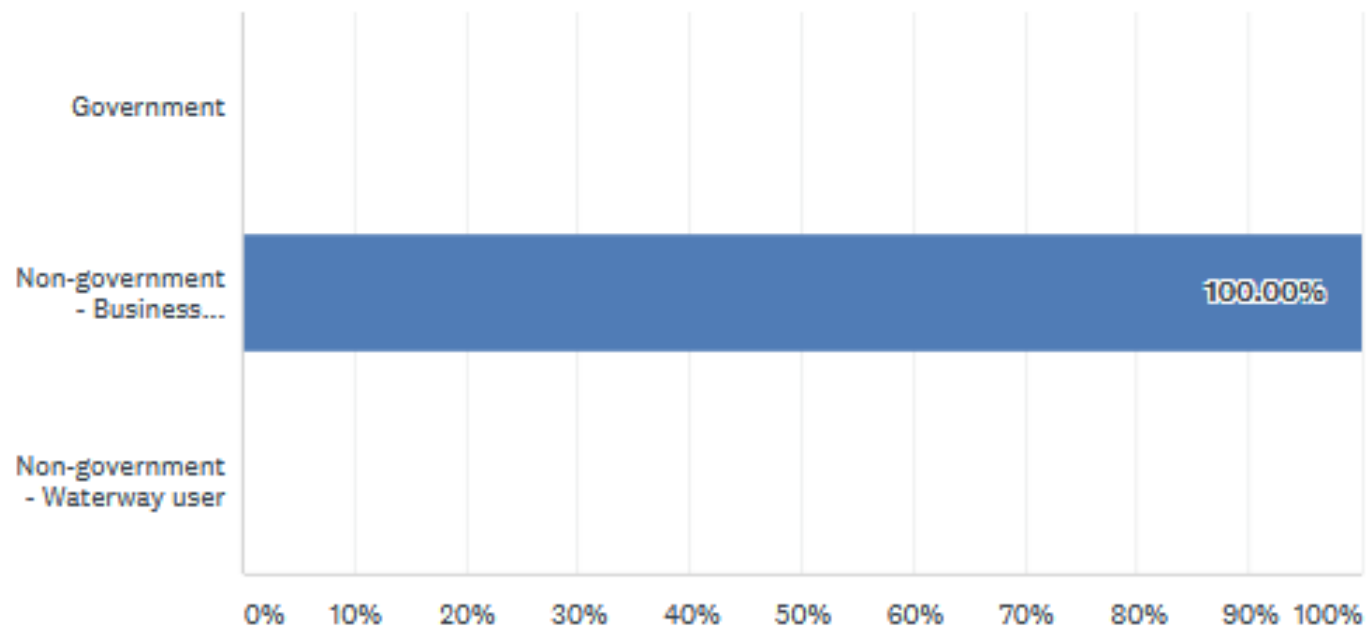
Non-government – Business  
Interest (“Business”)

Complete Responses

per SurveyMonkey

## Which term represents your primary interest?

Answered: 132 Skipped: 0

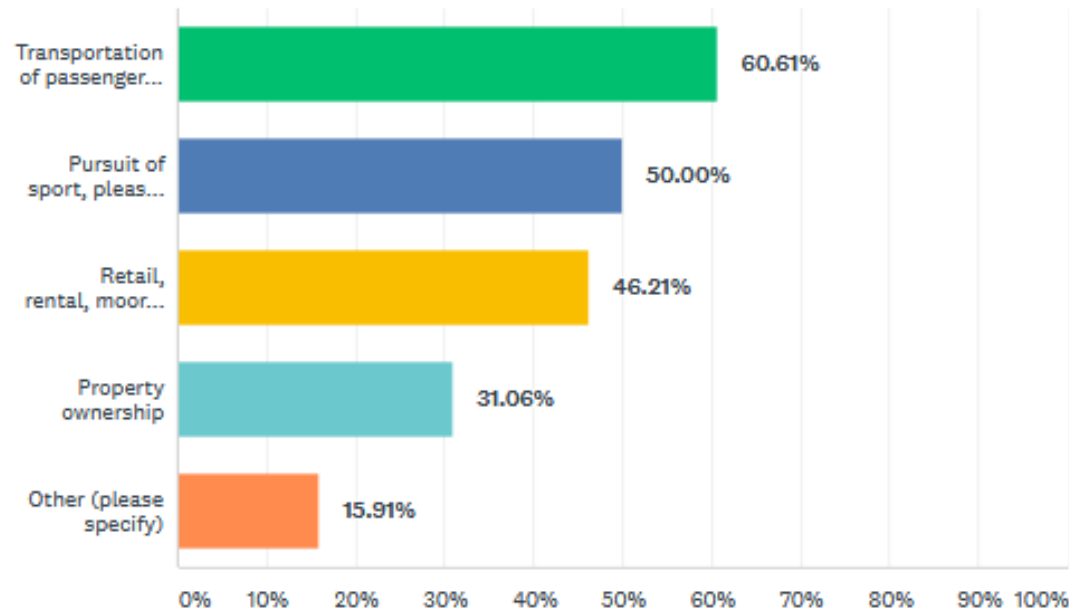


Q1 – Business  
Complete  
Reponses

ANSWER CHOICES	RESPONSES	
Government	0.00%	0
Non-government - Business interest	100.00%	132
Non-government - Waterway user	0.00%	0
TOTAL		132

Please indicate aspects of waterway activity that are most important to you.  
Check all that apply.

Answered: 132 Skipped: 0

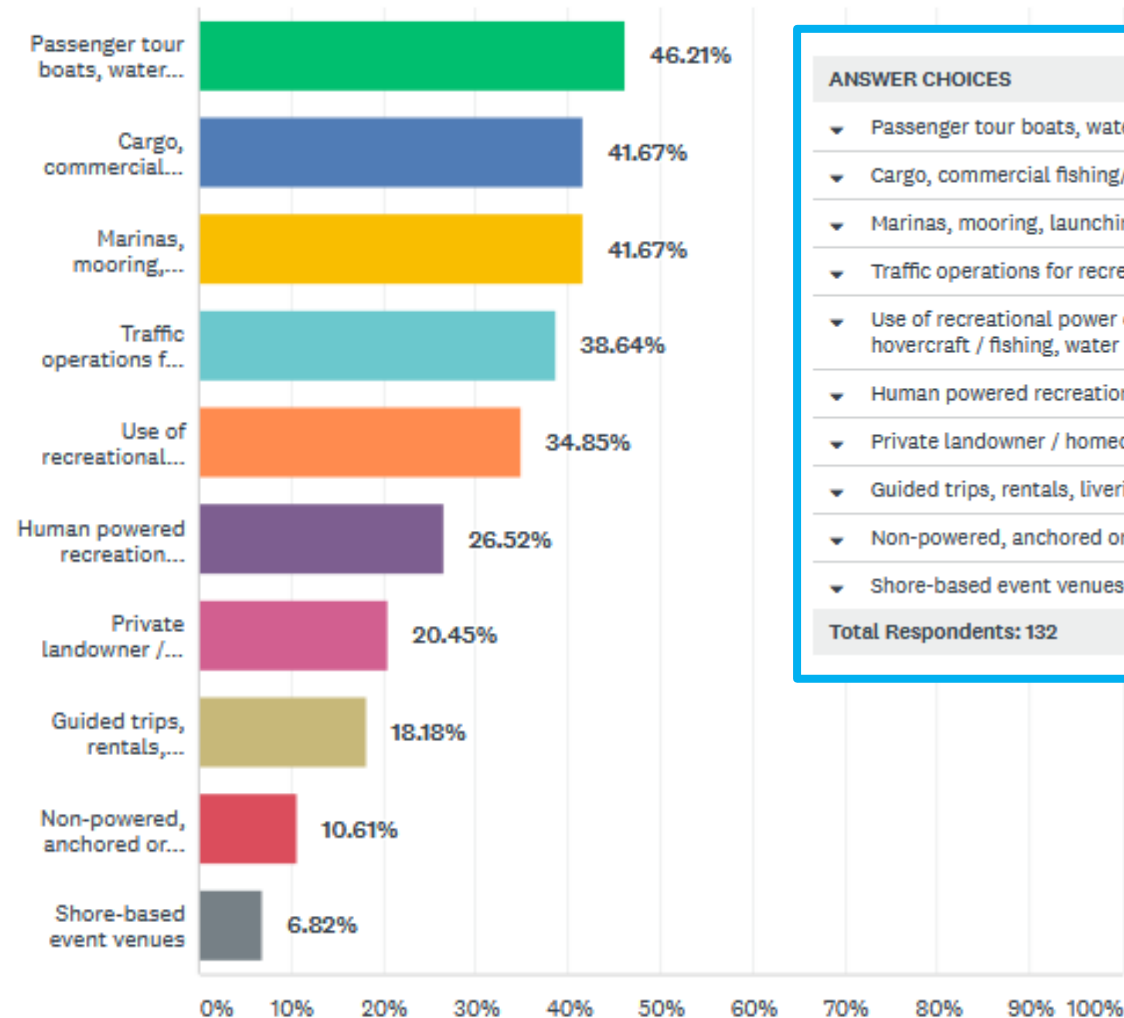


ANSWER CHOICES	RESPONSES	
Transportation of passengers, commerce-related cargo, infrastructure	60.61%	80
Pursuit of sport, pleasure and event-based activities	50.00%	66
Retail, rental, mooring facilities, products, services	46.21%	61
Property ownership	31.06%	41
Other (please specify)	15.91%	21
Total Respondents: 132		

Q3 – Business  
Complete  
Reponses/  
“Importance”

Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 132 Skipped: 0

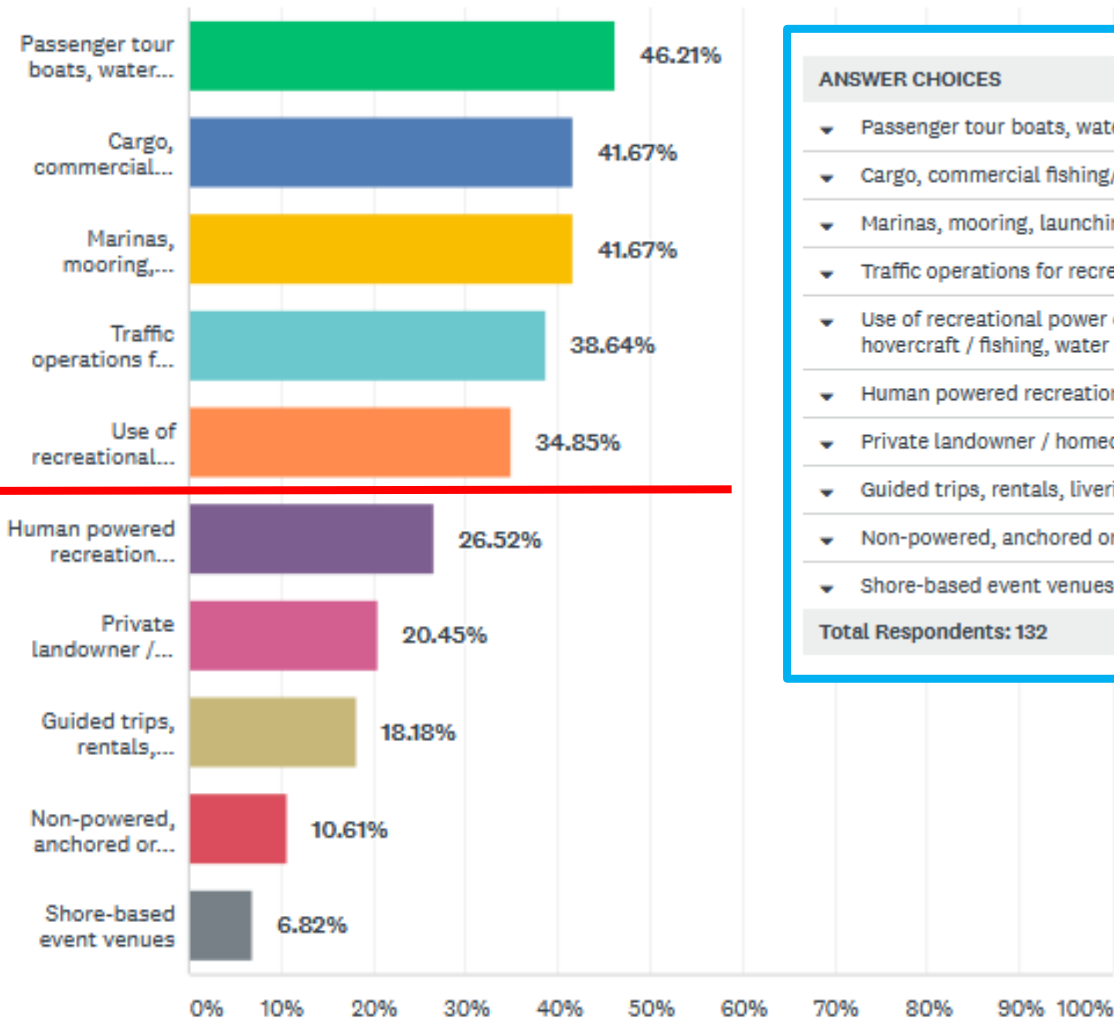


ANSWER CHOICES	RESPONSES	
▼ Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters	46.21%	61
▼ Cargo, commercial fishing/trolling, towing, construction, work boats	41.67%	55
▼ Marinas, mooring, launching, service and maintenance	41.67%	55
▼ Traffic operations for recreational users	38.64%	51
▼ Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	34.85%	46
▼ Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing)	26.52%	35
▼ Private landowner / homeowner management	20.45%	27
▼ Guided trips, rentals, liveries, instruction	18.18%	24
▼ Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	10.61%	14
▼ Shore-based event venues	6.82%	9
Total Respondents: 132		

Q4 – Business Complete Responses/ "Impact"

Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 132 Skipped: 0

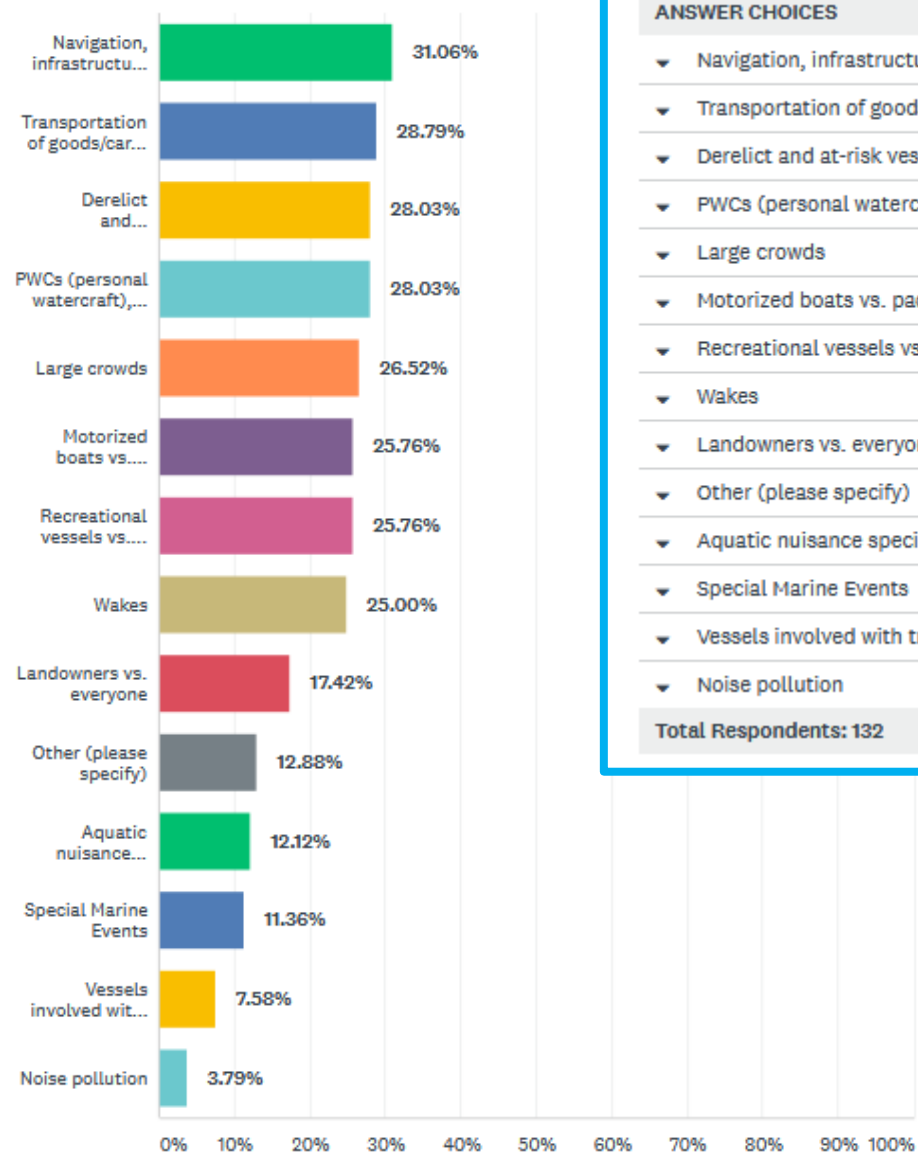


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▼ Traffic operations for recreational users	38.64%	51
▼ Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	34.85%	46
▼ Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing)	26.52%	35
▼ Private landowner / homeowner management	20.45%	27
▼ Guided trips, rentals, liveries, instruction	18.18%	24
▼ Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	10.61%	14
▼ Shore-based event venues	6.82%	9
Total Respondents: 132		

Q4 – Business Complete Responses/ "Impact"

## Which of the following create the greatest challenges on your waterway(s)? Check up to three.

Answered: 132 Skipped: 0

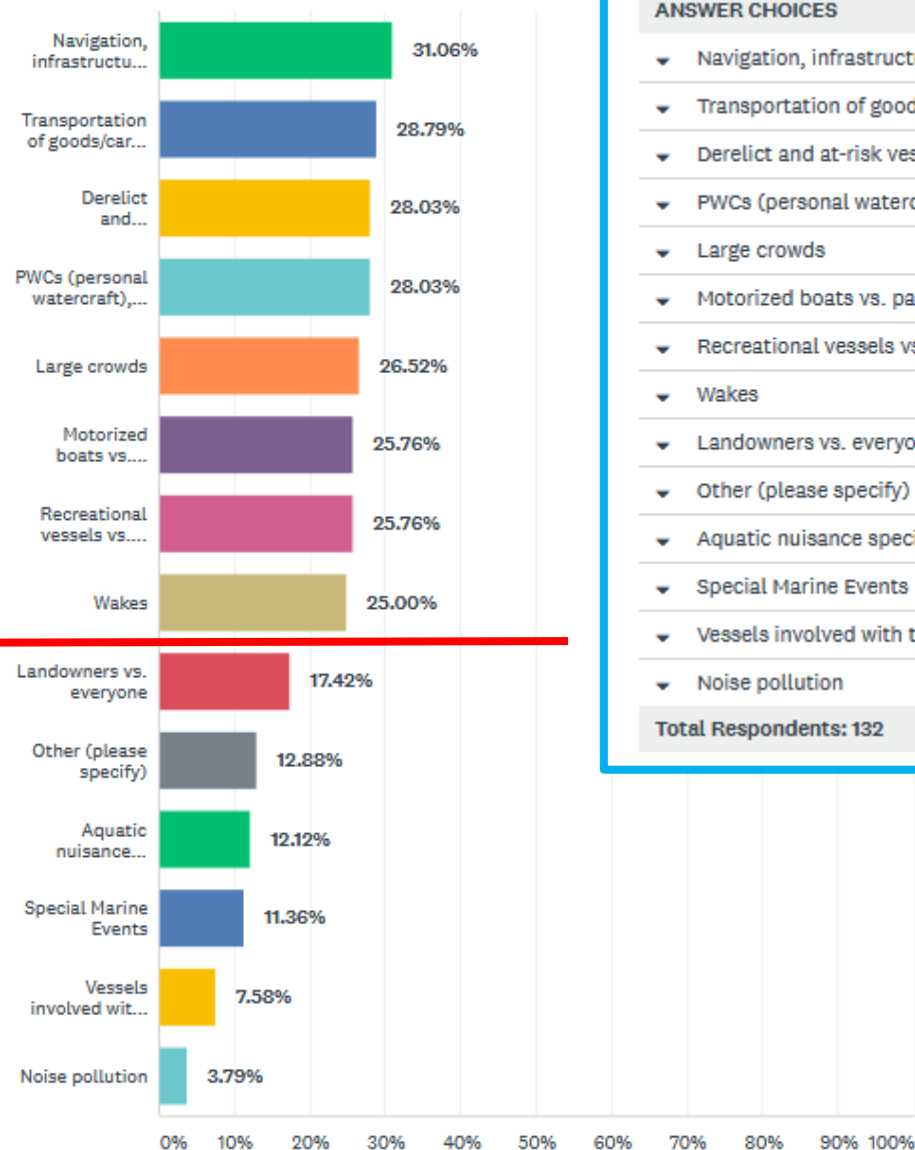


ANSWER CHOICES	RESPONSES	
Navigation, infrastructure, hazards (e.g., dams, weirs, submerged structures)	31.06%	41
Transportation of goods/cargo vs. recreational pursuits	28.79%	38
Derelict and at-risk vessels	28.03%	37
PWCs (personal watercraft), air boats and similar vessels	28.03%	37
Large crowds	26.52%	35
Motorized boats vs. paddle or rowing craft	25.76%	34
Recreational vessels vs. paddlers, swimmers, snorkelers, surfers, divers, etc.	25.76%	34
Wakes	25.00%	33
Landowners vs. everyone	17.42%	23
Other (please specify)	12.88%	17
Aquatic nuisance species	12.12%	16
Special Marine Events	11.36%	15
Vessels involved with transporting goods/cargo (with each other)	7.58%	10
Noise pollution	3.79%	5
Total Respondents: 132		

Q5 – Business  
Complete Responses/  
“Challenges”

## Which of the following create the greatest challenges on your waterway(s)? Check up to three.

Answered: 132 Skipped: 0

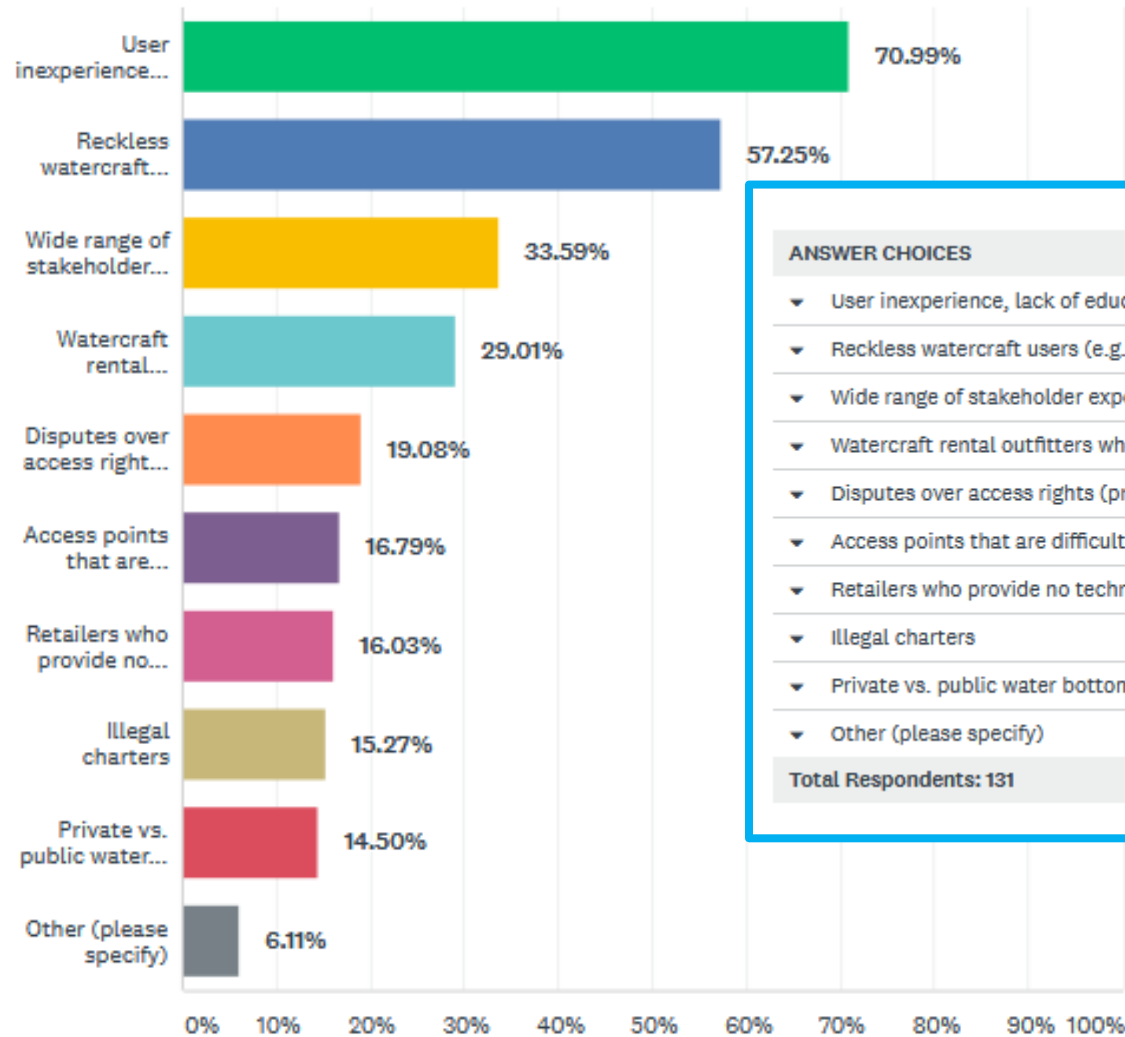


ANSWER CHOICES	RESPONSES	
Navigation, infrastructure, hazards (e.g., dams, weirs, submerged structures)	31.06%	41
Transportation of goods/cargo vs. recreational pursuits	28.79%	38
Derelict and at-risk vessels	28.03%	37
PWCs (personal watercraft), air boats and similar vessels	28.03%	37
Large crowds	26.52%	35
Motorized boats vs. paddle or rowing craft	25.76%	34
Recreational vessels vs. paddlers, swimmers, snorkelers, surfers, divers, etc.	25.76%	34
Wakes	25.00%	33
Landowners vs. everyone	17.42%	23
Other (please specify)	12.88%	17
Aquatic nuisance species	12.12%	16
Special Marine Events	11.36%	15
Vessels involved with transporting goods/cargo (with each other)	7.58%	10
Noise pollution	3.79%	5
Total Respondents: 132		

Q5 – Business  
Complete Responses/  
“Challenges”

## Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 131 Skipped: 1



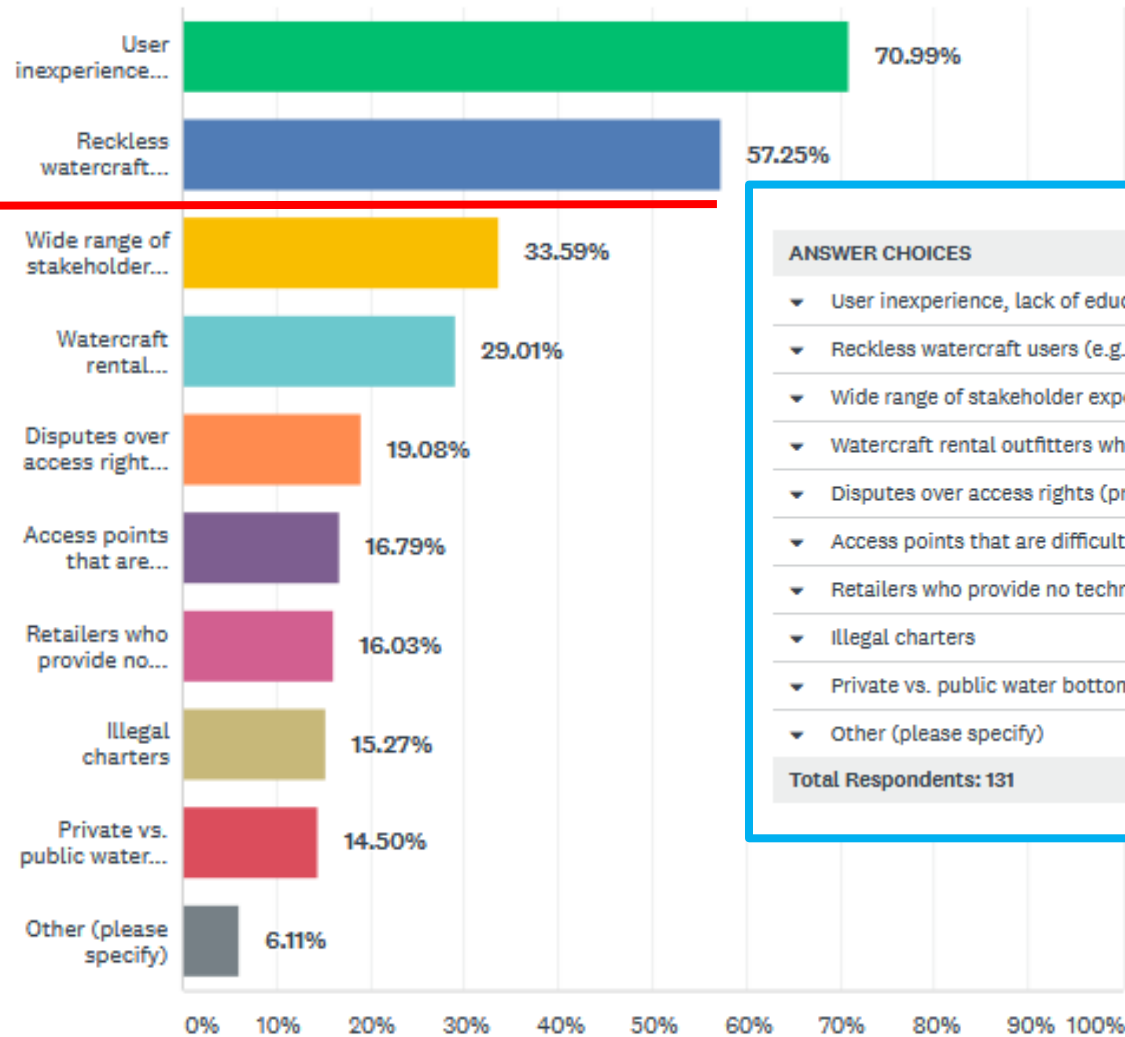
ANSWER CHOICES	RESPONSES	
User inexperience, lack of education	70.99%	93
Reckless watercraft users (e.g. speed, alcohol use)	57.25%	75
Wide range of stakeholder expectations	33.59%	44
Watercraft rental outfitters who provide no safety, navigation, or awareness information	29.01%	38
Disputes over access rights (private vs. public ownership issues)	19.08%	25
Access points that are difficult to manage	16.79%	22
Retailers who provide no technique, safety and awareness information or instruction	16.03%	21
Illegal charters	15.27%	20
Private vs. public water bottom ownership issues (submerged lands)	14.50%	19
Other (please specify)	6.11%	8
Total Respondents: 131		

Q6– Business  
Complete Responses/  
“Drivers”



Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 131 Skipped: 1

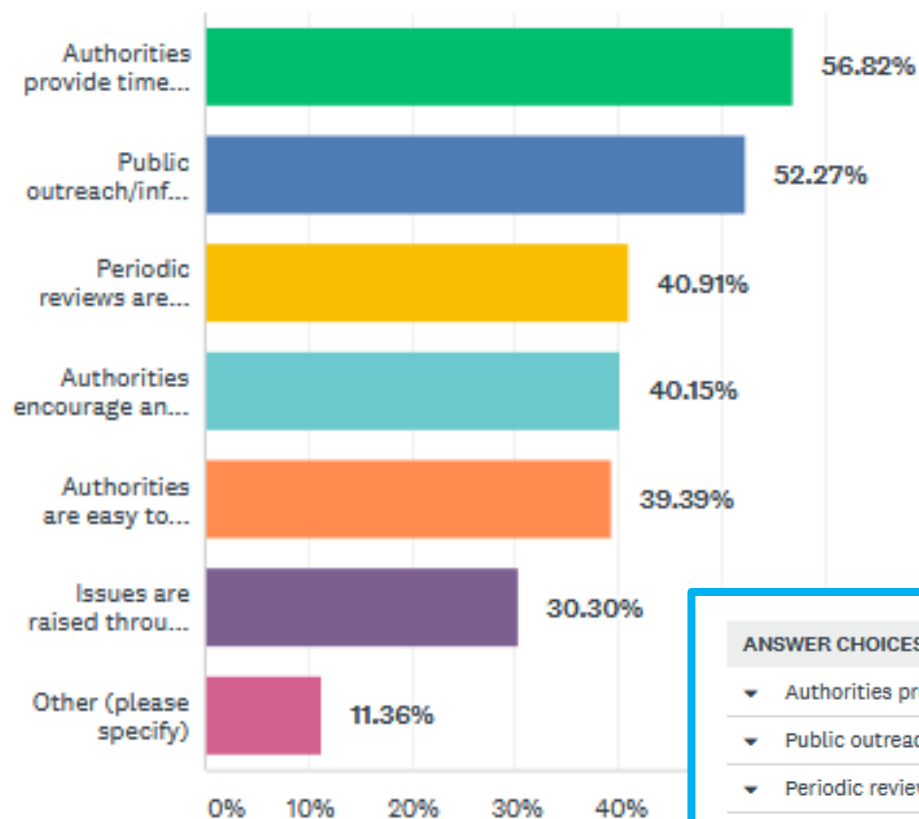


ANSWER CHOICES	RESPONSES	
▼ User inexperience, lack of education	70.99%	93
▼ Reckless watercraft users (e.g. speed, alcohol use)	57.25%	75
▼ Wide range of stakeholder expectations	33.59%	44
▼ Watercraft rental outfitters who provide no safety, navigation, or awareness information	29.01%	38
▼ Disputes over access rights (private vs. public ownership issues)	19.08%	25
▼ Access points that are difficult to manage	16.79%	22
▼ Retailers who provide no technique, safety and awareness information or instruction	16.03%	21
▼ Illegal charters	15.27%	20
▼ Private vs. public water bottom ownership issues (submerged lands)	14.50%	19
▼ Other (please specify)	6.11%	8
Total Respondents: 131		

Q6– Business  
Complete Responses/  
“Drivers”

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 132 Skipped: 0

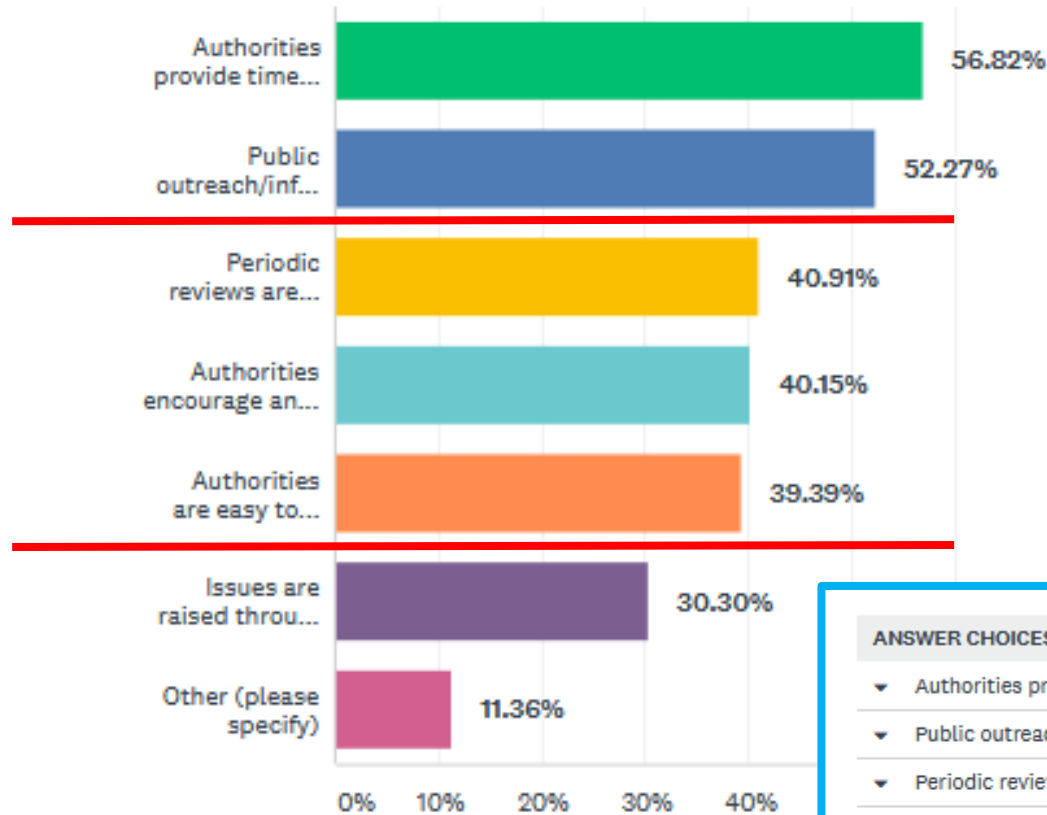


Q7– Business  
Complete Responses/  
“Path Forward”

ANSWER CHOICES	RESPONSES	
▼ Authorities provide timely updates about regulations and current use	56.82%	75
▼ Public outreach/information/signage	52.27%	69
▼ Periodic reviews are conducted of regulations to continue or update	40.91%	54
▼ Authorities encourage and listen to public comments	40.15%	53
▼ Authorities are easy to find and approachable	39.39%	52
▼ Issues are raised through public comment in legislation or rulemaking	30.30%	40
▼ Other (please specify)	Responses 11.36%	15
Total Respondents: 132		

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 132 Skipped: 0



Q7– Business  
Complete Responses/  
“Path Forward”

ANSWER CHOICES	RESPONSES	
▼ Authorities provide timely updates about regulations and current use	56.82%	75
▼ Public outreach/information/signage	52.27%	69
▼ Periodic reviews are conducted of regulations to continue or update	40.91%	54
▼ Authorities encourage and listen to public comments	40.15%	53
▼ Authorities are easy to find and approachable	39.39%	52
▼ Issues are raised through public comment in legislation or rulemaking	30.30%	40
▼ Other (please specify)	Responses 11.36%	15
Total Respondents: 132		

Filter Applied – Question 1 – Primary Interest:

Non-government –  
Waterway User (“User”)

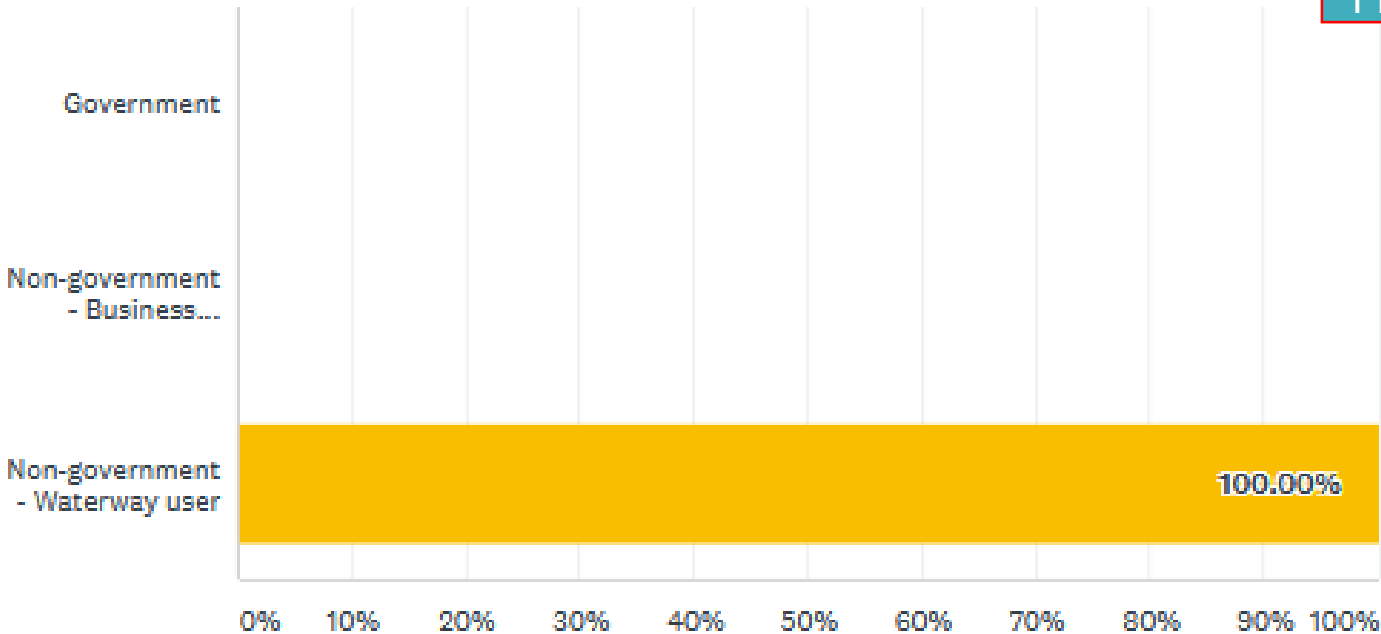
Complete Responses

per SurveyMonkey

# Which term represents your primary interest?

Answered: 1,445    Skipped: 0

Note: 77 percent of the respondents in this interest category identified as 'Florida'.

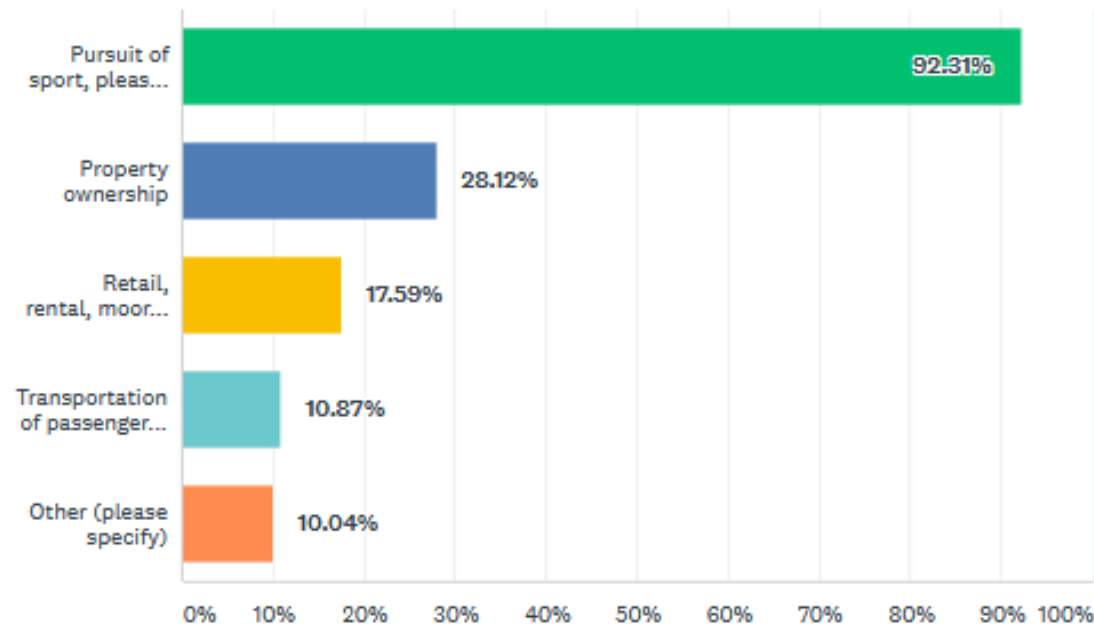


Q1 – User Complete Reponses

ANSWER CHOICES	RESPONSES	
Government	0.00%	0
Non-government - Business interest	0.00%	0
Non-government - Waterway user	100.00%	1,445
TOTAL		1,445

Please indicate aspects of waterway activity that are most important to you  
Check all that apply.

Answered: 1,444    Skipped: 1



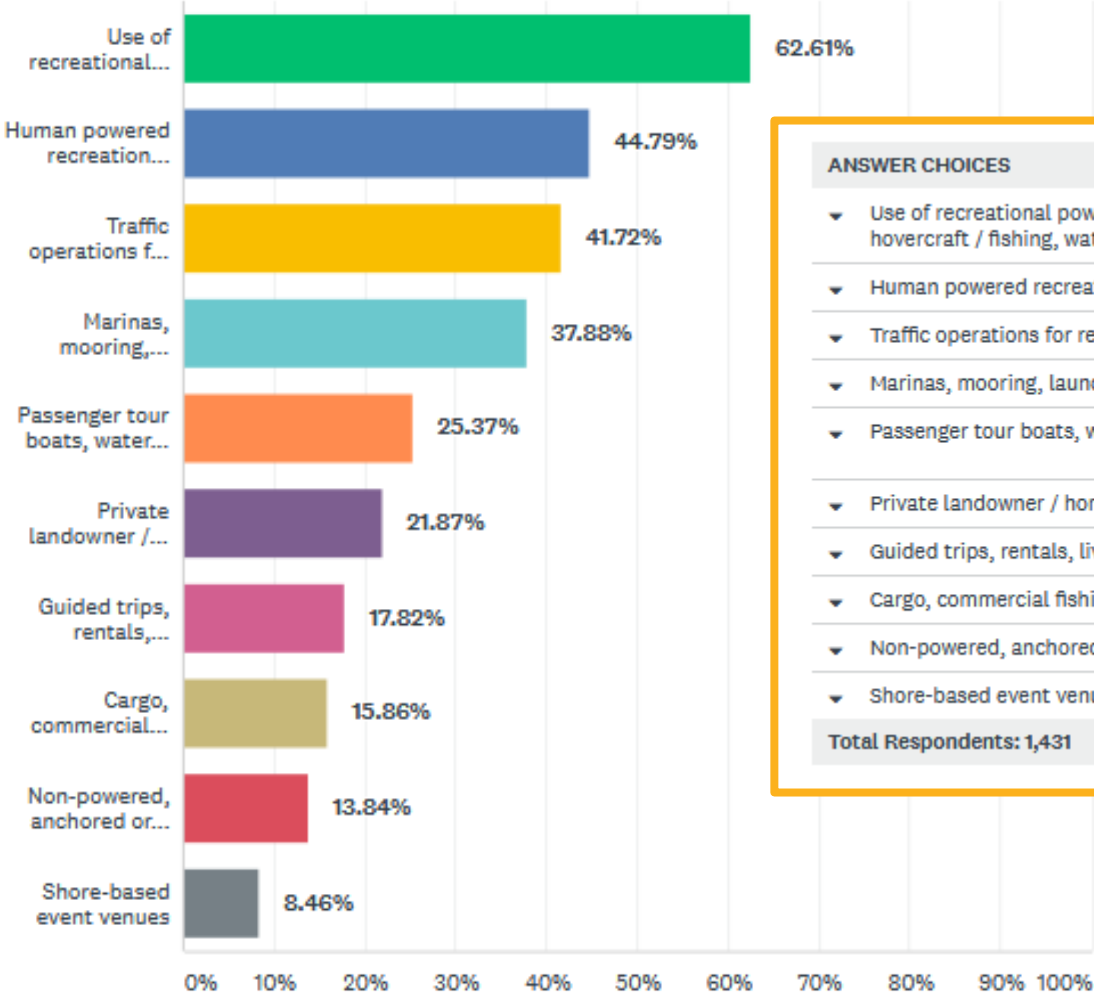
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

Q3 – User Complete Responses/ "Importance"

ANSWER CHOICES	RESPONSES	
Pursuit of sport, pleasure and event-based activities	92.31%	1,333
Property ownership	28.12%	406
Retail, rental, mooring facilities, products, services	17.59%	254
Transportation of passengers, commerce-related cargo, infrastructure	10.87%	157
Other (please specify)	10.04%	145
Total Respondents: 1,444		

Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 1,431    Skipped: 14



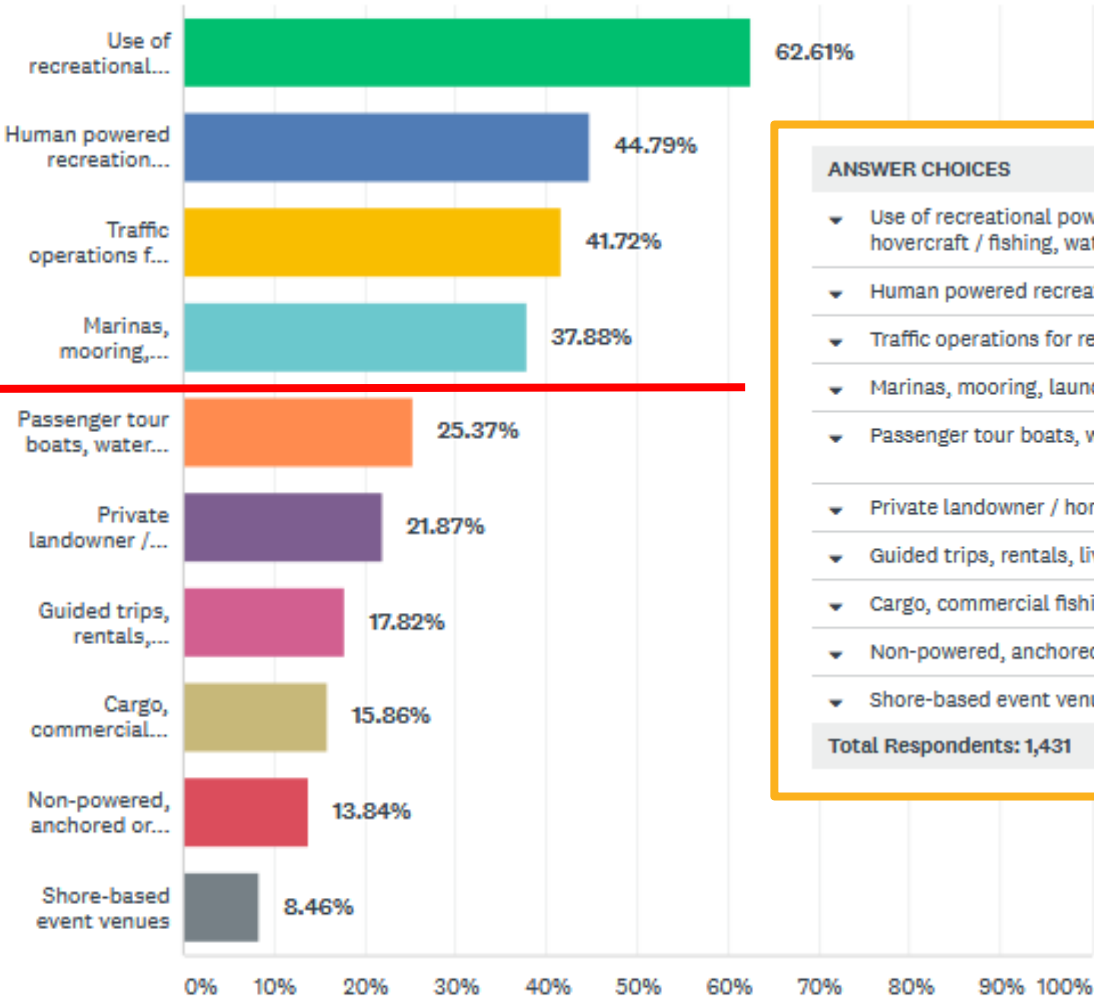
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

ANSWER CHOICES	RESPONSES
Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	62.61% 896
Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing )	44.79% 641
Traffic operations for recreational users	41.72% 597
Marinas, mooring, launching, service and maintenance	37.88% 542
Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters	25.37% 363
Private landowner / homeowner management	21.87% 313
Guided trips, rentals, liveries, instruction	17.82% 255
Cargo, commercial fishing/trolling, towing, construction, work boats	15.86% 227
Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	13.84% 198
Shore-based event venues	8.46% 121
Total Respondents: 1,431	

Q4 – User Complete Responses/ “Impact”

Which of the following aspect(s) of waterway management do you think are or will be most impacted by new and evolving usage trends? Please select up to three.

Answered: 1,431   Skipped: 14



Note: 77 percent of the respondents in this interest category identified as 'Florida'.

ANSWER CHOICES	RESPONSES
▼ Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising)	62.61% 896
▼ Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing )	44.79% 641
▼ Traffic operations for recreational users	41.72% 597
▼ Marinas, mooring, launching, service and maintenance	37.88% 542
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▼ Private landowner / homeowner management	21.87% 313
▼ Guided trips, rentals, liveries, instruction	17.82% 255
▼ Cargo, commercial fishing/trolling, towing, construction, work boats	15.86% 227
▼ Non-powered, anchored or moored vessels, live-a boards, offshore food/beverage destinations	13.84% 198
▼ Shore-based event venues	8.46% 121
Total Respondents: 1,431	

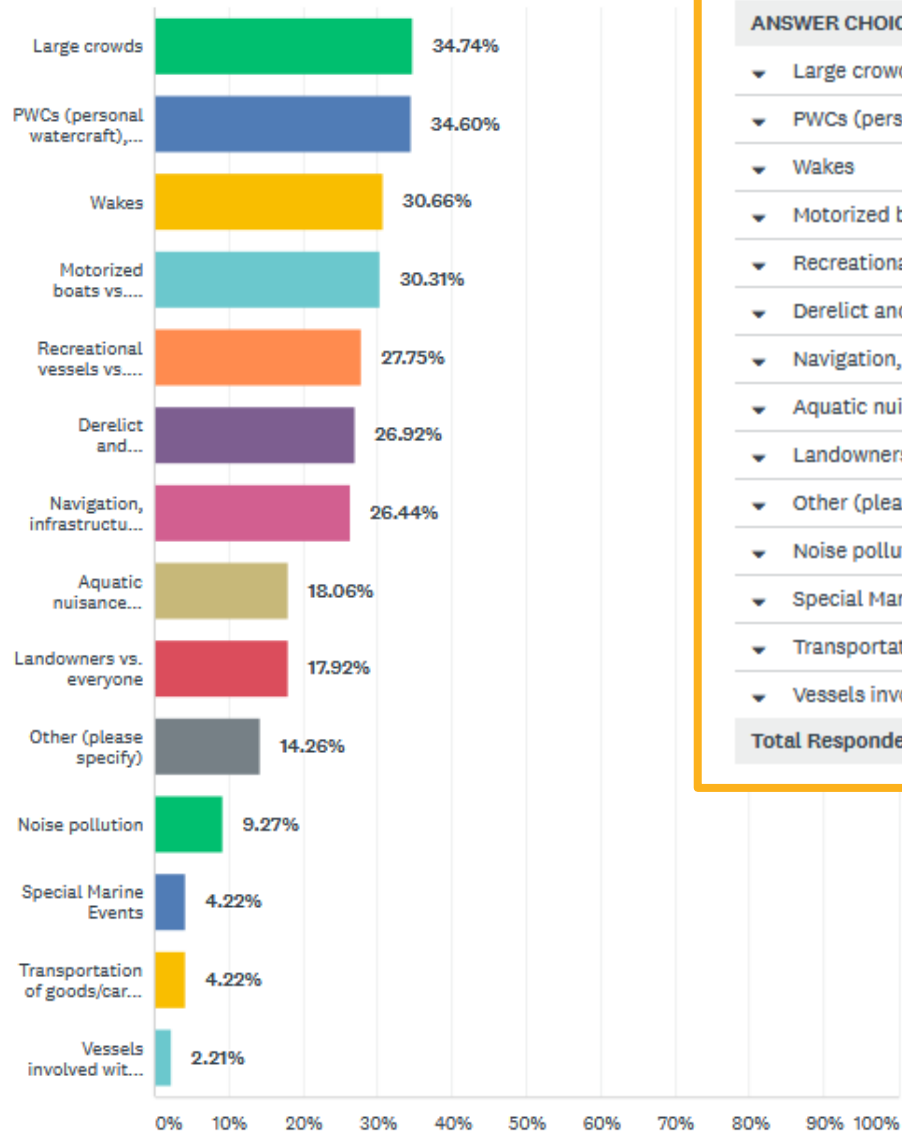
Q4 – User Complete Responses/ “Impact”



Which of the following create the greatest challenges on your waterway(s)?  
Check up to three.

Answered: 1,445   Skipped: 0

Note: 77 percent of the respondents in this interest category identified as 'Florida'.

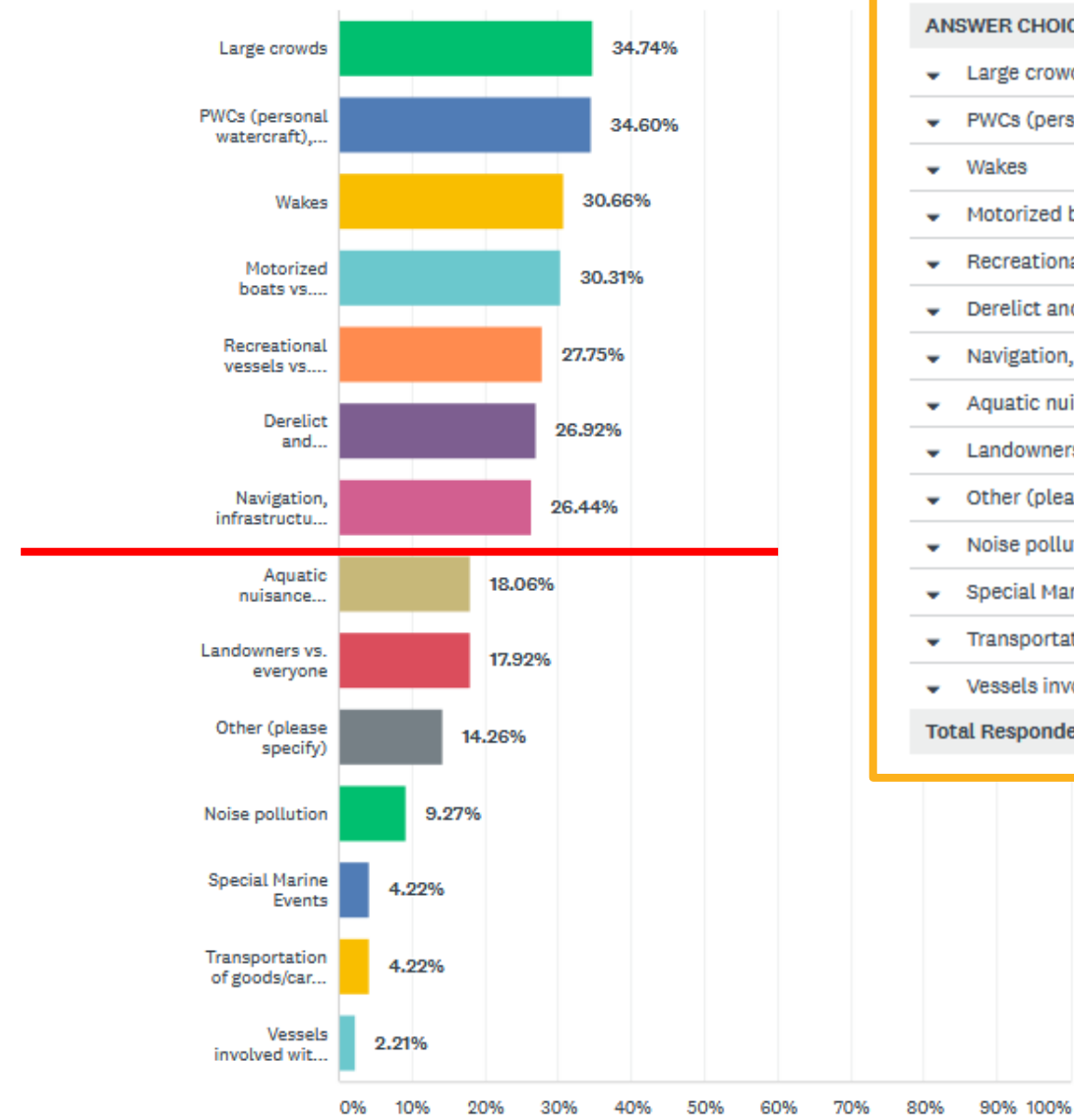


ANSWER CHOICES	RESPONSES	
Large crowds	34.74%	502
PWCs (personal watercraft), air boats and similar vessels	34.60%	500
Wakes	30.66%	443
Motorized boats vs. paddle or rowing craft	30.31%	438
Recreational vessels vs. paddlers, swimmers, snorkelers, surfers, divers, etc.	27.75%	401
Derelict and at-risk vessels	26.92%	389
Navigation, infrastructure, hazards (e.g., dams, weirs, submerged structures)	26.44%	382
Aquatic nuisance species	18.06%	261
Landowners vs. everyone	17.92%	259
Other (please specify)	14.26%	206
Noise pollution	9.27%	134
Special Marine Events	4.22%	61
Transportation of goods/cargo vs. recreational pursuits	4.22%	61
Vessels involved with transporting goods/cargo (with each other)	2.21%	32
Total Respondents: 1,445		

Q5 – User Complete Responses/  
“Challenges”

Which of the following create the greatest challenges on your waterway(s)?  
Check up to three.

Answered: 1,445    Skipped: 0



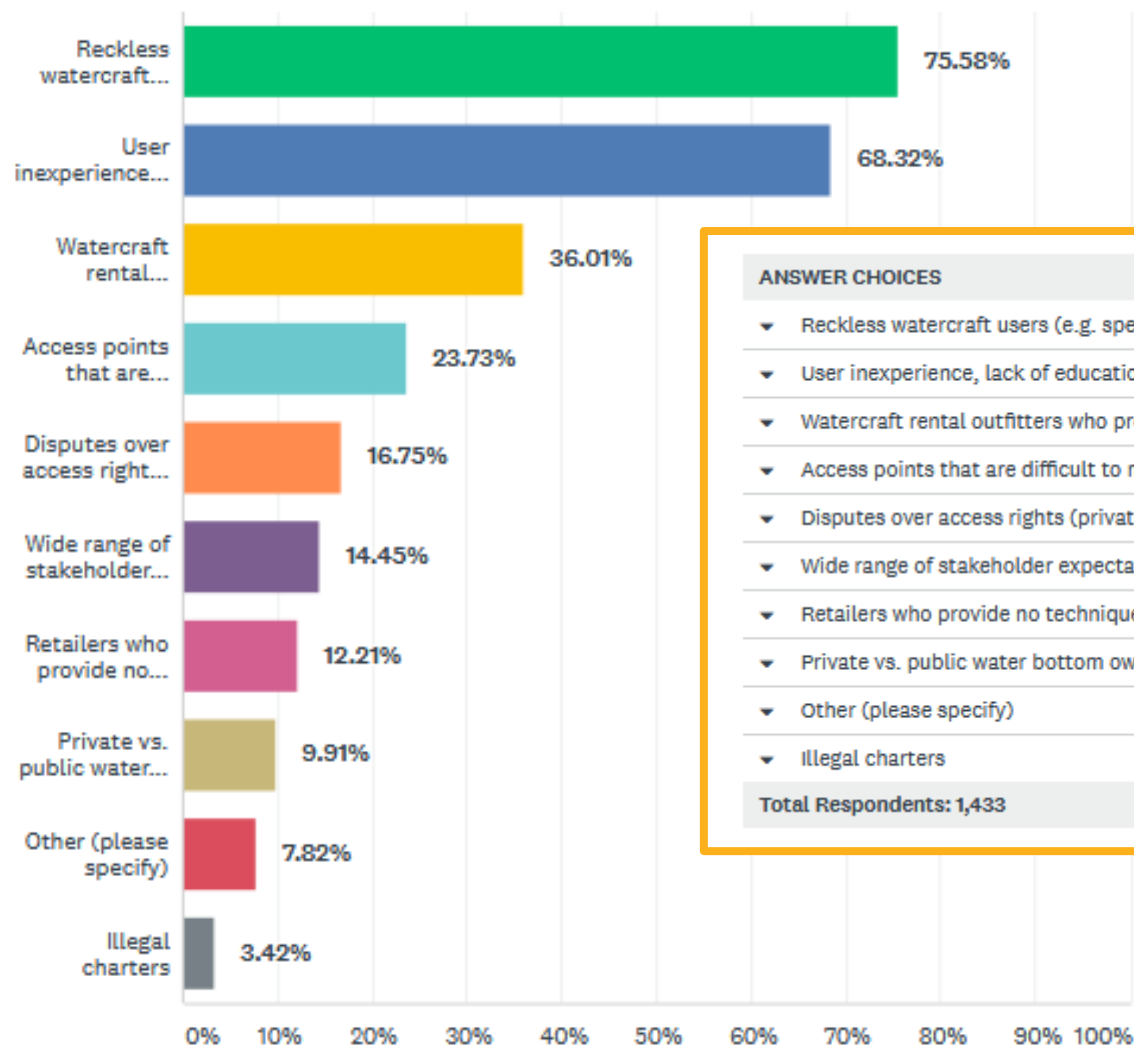
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

ANSWER CHOICES	RESPONSES	
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Landowners vs. everyone	17.92%	259
Other (please specify)	14.26%	206
Noise pollution	9.27%	134
Special Marine Events	4.22%	61
Transportation of goods/cargo vs. recreational pursuits	4.22%	61
Vessels involved with transporting goods/cargo (with each other)	2.21%	32
Total Respondents: 1,445		

Q5 – User Complete Responses/  
“Challenges”

Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 1,433 Skipped: 12



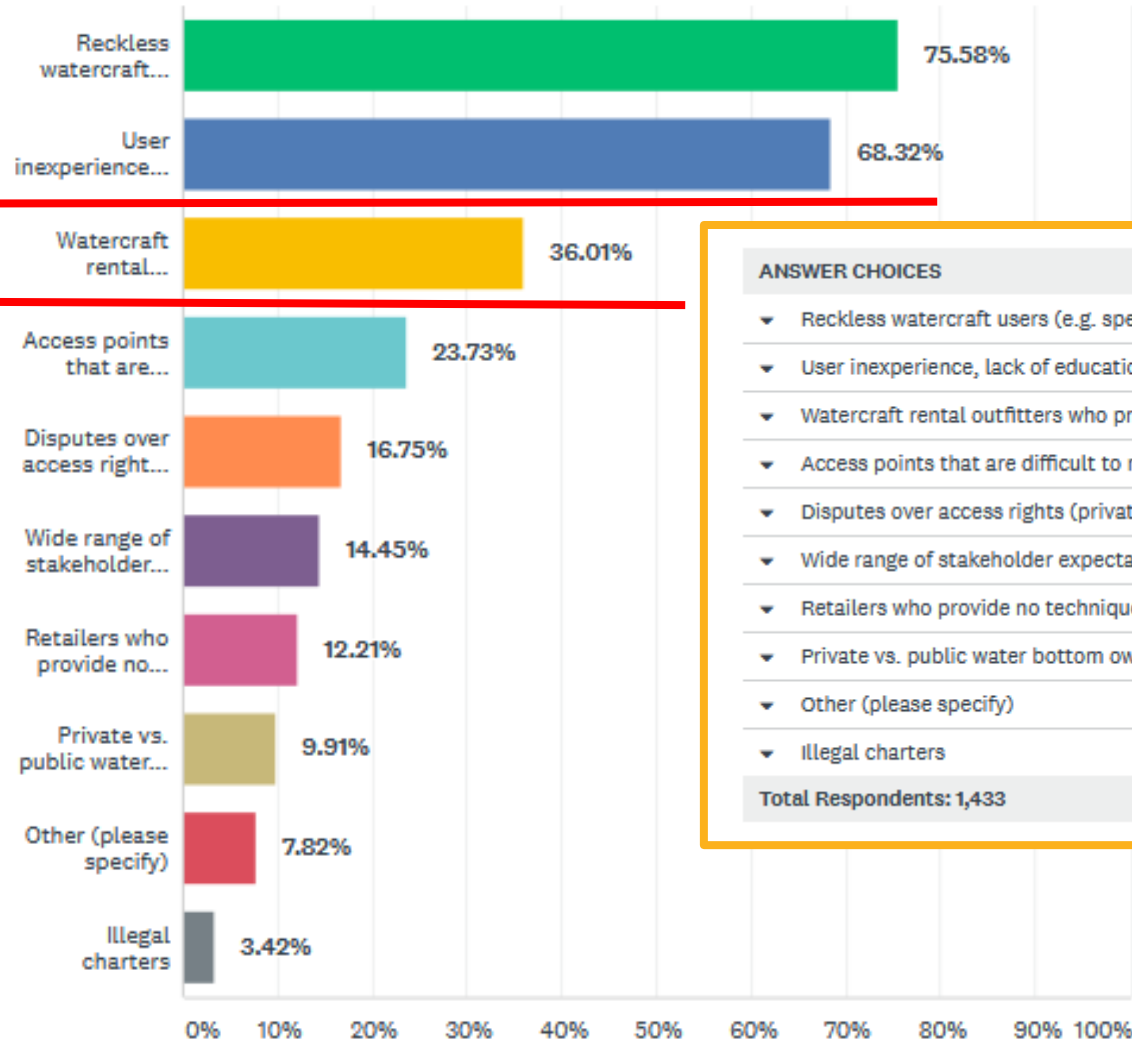
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

ANSWER CHOICES	RESPONSES	
Reckless watercraft users (e.g. speed, alcohol use)	75.58%	1,083
User inexperience, lack of education	68.32%	979
Watercraft rental outfitters who provide no safety, navigation, or awareness information	36.01%	516
Access points that are difficult to manage	23.73%	340
Disputes over access rights (private vs. public ownership issues)	16.75%	240
Wide range of stakeholder expectations	14.45%	207
Retailers who provide no technique, safety and awareness information or instruction	12.21%	175
Private vs. public water bottom ownership issues (submerged lands)	9.91%	142
Other (please specify)	7.82%	112
Illegal charters	3.42%	49
Total Respondents: 1,433		

Q6– User Complete Responses/ "Drivers"

Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

Answered: 1,433 Skipped: 12



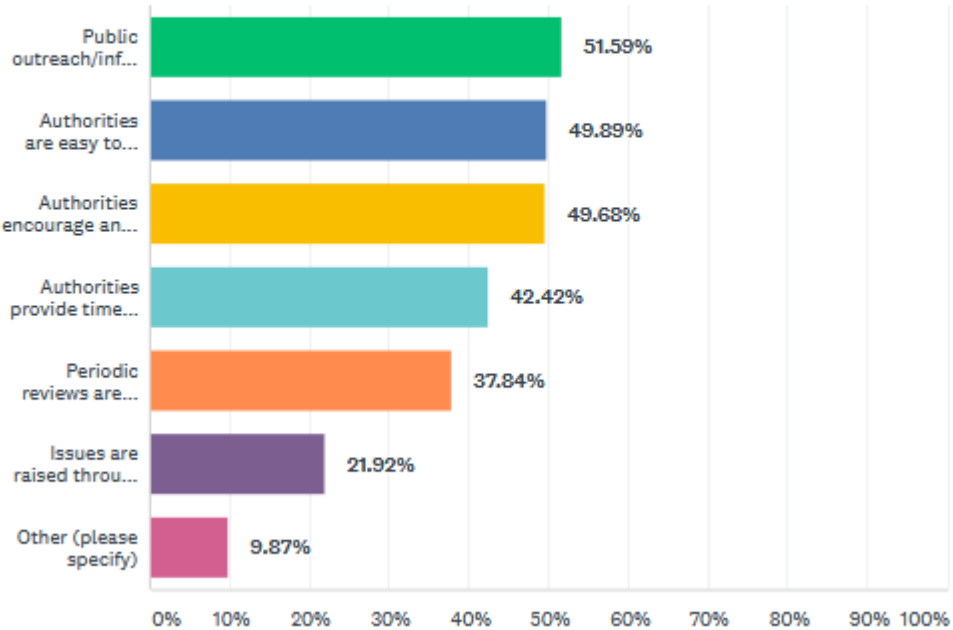
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

ANSWER CHOICES	RESPONSES	
Reckless watercraft users (e.g. speed, alcohol use)	75.58%	1,083
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Private vs. public water bottom ownership issues (submerged lands)	9.91%	142
Other (please specify)	7.82%	112
Illegal charters	3.42%	49
Total Respondents: 1,433		

Q6– User Complete Responses/ "Drivers"

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 1,419    Skipped: 26



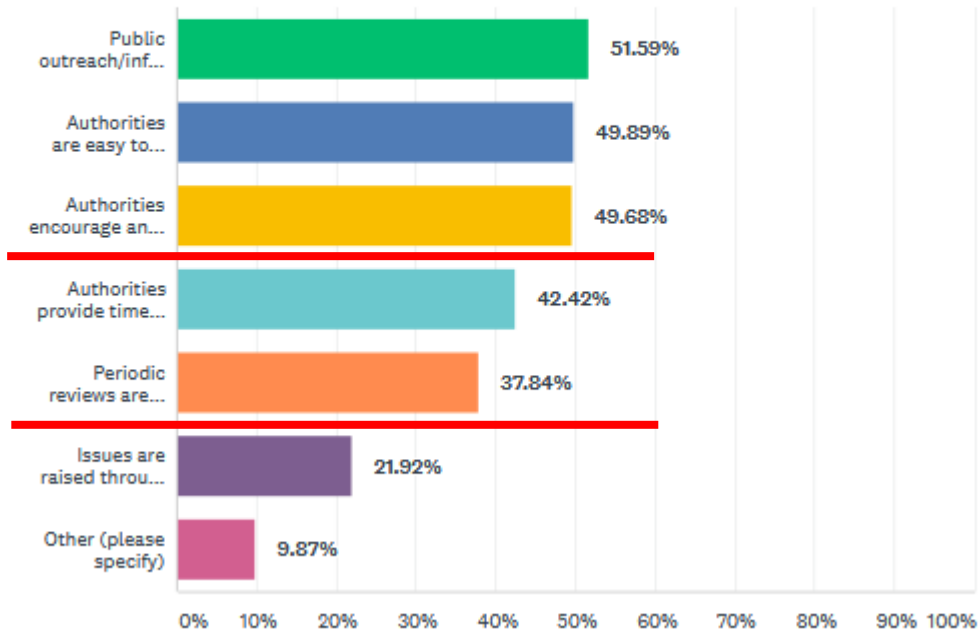
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

Q7– User Complete Responses/ “Path Forward”

ANSWER CHOICES	RESPONSES	
Public outreach/information/signage	51.59%	732
Authorities are easy to find and approachable	49.89%	708
Authorities encourage and listen to public comments	49.68%	705
Authorities provide timely updates about regulations and current use	42.42%	602
Periodic reviews are conducted of regulations to continue or update	37.84%	537
Issues are raised through public comment in legislation or rulemaking	21.92%	311
Other (please specify)	Responses 9.87%	140
Total Respondents: 1,419		

Which aspects of waterway management are most important to meeting public needs and minimizing user conflict? Select up to three.

Answered: 1,419 Skipped: 26



Note: 77 percent of the respondents in this interest category identified as 'Florida'.

## Q7– User Complete Responses/ "Path Forward"

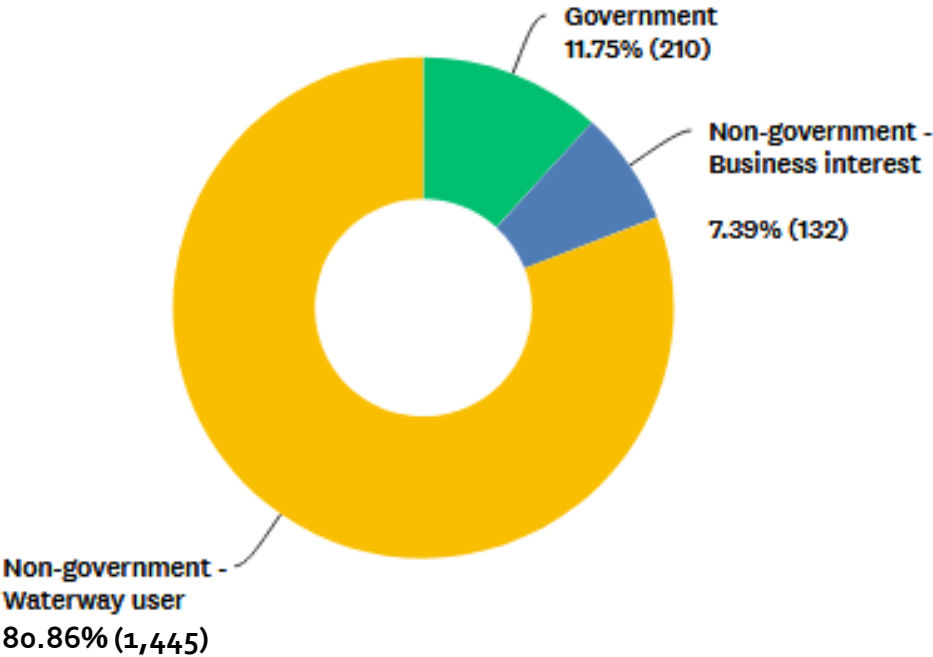
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Periodic reviews are conducted of regulations to continue or update	37.84%	537
Issues are raised through public comment in legislation or rulemaking	21.92%	311
Other (please specify)	9.87%	140
Total Respondents: 1,419		

Interest Category

# Comparisons

# Which term represents your primary interest?

Answered: 1,787    Skipped: 8



ANSWER CHOICES	RESPONSES	
Government	11.75%	210
Non-government - Business interest	7.39%	132
Non-government - Waterway user	80.86%	1,445
TOTAL		1,787

Q1 –  
Primary  
Interest  
Category



# Q3 – Waterway Activity of “Importance”

(Ranking based on % of completed SurveyMonkey responses)

## Government

- No responses (Question not asked)

## Business

1. Transportation of passengers, commerce-related cargo, infrastructure – 61%
2. Pursuit of sport, pleasure, event-based activities – 50%
3. Retail, rental, mooring facilities, products, services – 46%
4. Property ownership – 31%

Additional Responses – 16% or less

## Waterway User

1. Pursuit of sport, pleasure, event-based activities – 92%
2. Property ownership – 29%
3. Retail, rental, mooring facilities, products, services – 18%
4. Transportation of passengers, commerce-related cargo, infrastructure – 11%

Additional Responses – 10% or less

# Q3 – Waterway Activity of “Importance”

(Ranking based on % of completed SurveyMonkey responses)

## Government

- No responses (Question not asked)

## Business

1. Transportation of passengers, commerce-related cargo, infrastructure – **61%**
2. Pursuit of sport, pleasure, event-based activities – **50%**
3. Retail, rental, mooring facilities, products, services – 46%
4. Property ownership – 31%

Additional Responses – 16% or less

## Waterway User\*

1. Pursuit of sport, pleasure, event-based activities – **92%**
2. Property ownership – 29%
3. Retail, rental, mooring facilities, products, services – 18%
4. Transportation of passengers, commerce-related cargo, infrastructure – 11%

Additional Responses – 10% or less

**\* 77% of responses from Florida**

Any response 50% or greater highlighted in red

# Q4 – Trends “Impact” on Waterway Management

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. Human Powered Recreation - 52%
2. Use of Recreational Power/Sail Vessels -48%
3. Marinas, Mooring, Launching, Service/Maintenance-34%
4. Traffic Operations for Rec users - 33%
5. Cargo, commercial fishing, towing, construction, work boats – 32%
6. Passenger tour boats, water taxis, passenger vessels charters, sport fishing charters – 27%
7. Guided trips, rentals, liveries, instruction – 24%

Additional responses – 17% or less

## Business

1. Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters – 46%
2. Cargo, commercial fishing, towing, construction, work boats – 42%
3. Marinas, mooring, launching , service/maintenance – 42%
4. Traffic operation for recreational users – 39%
5. Use of recreational power or sail vessels/activities – 35%
6. Human powered recreation – 27%
7. Private landowner/homeowner Management – 20%

Additional responses - 18% or less

## Waterway User\*

1. Use of Recreational Power/Sail Vessels -63%
2. Human Powered Recreation - 45%
3. Traffic Operations for Rec users - 42%
4. Marinas, Mooring, Launching, Service/Maintenance-38%
5. Passenger tour boats, water taxis, passenger vessels charters, sport fishing charters – 27%
6. Private landowner/homeowner Management – 20%
7. Guided trips, rentals, liveries, instruction – 24%

Additional responses – 16% or less

**\* 77% of responses from Florida**

# Q4 – Trends “Impacting” Waterway Management

(Selections to 30% or greater)

## Government

1. Human Powered Recreation - 52%
2. Use of Recreational Power/Sail Vessels - 48%
3. Marinas, Mooring, Launching, Service/Maintenance - 34%
4. Traffic Operations for Rec users - 33%
5. Cargo, commercial fishing, towing, construction, work boats - 32%
6. Passenger tour boats, water taxis, passenger vessels charters, sport fishing charters - 27%
7. Guided trips, rentals, liveries, instruction - 24%

Additional responses – 17% or less

## Business

1. Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters - 46%
2. Cargo, commercial fishing, towing, construction, work boats - 42%
3. Marinas, mooring, launching, service/maintenance - 42%
4. Traffic operation for recreational users - 39%
5. Use of recreational power or sail vessels/activities - 35%
6. Human powered recreation - 27%
7. Private landowner/homeowner Management - 20%

Additional responses - 18% or less

## Waterway User\*

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2. Human Powered Recreation - 45%
3. Traffic Operations for Rec users - 42%
4. Marinas, Mooring, Launching, Service/Maintenance - 38%
5. Passenger tour boats, water taxis, passenger vessels charters, sport fishing charters - 27%
6. Private landowner/homeowner Management - 20%
7. Guided trips, rentals, liveries, instruction - 24%

Additional responses – 16% or less

\* 77% of responses from Florida

# Q4 – Trends “Impacting” Waterway Management

(Selections to 30% or greater)

## Government

1. Human Powered Recreation - 52%
2. Use of Recreational Power/Sail Vessels - 48%
3. Marinas, Mooring, Launching, Service/Maintenance - 34%
4. Traffic Operations for Rec users - 33%
5. Cargo, commercial fishing, towing, construction, work boats - 32%
6. Passenger tour boats, water taxis, passenger vessels charters, sport fishing charters - 27%
7. Guided trips, rentals, liveries, instruction - 24%

Additional responses – 17% or less

## Business

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3. Marinas, mooring, launching, service/maintenance – 42%
4. Traffic operation for recreational users – 39%
5. Use of recreational power or sail vessels/activities – 35%
6. Human powered recreation – 27%
7. Private landowner/homeowner Management – 20%

Additional responses - 18% or less

## Waterway User\*

1. Use of Recreational Power/Sail Vessels - 63%
2. Human Powered Recreation - 45%
3. Traffic Operations for Rec users - 42%
4. Marinas, Mooring, Launching, Service/Maintenance - 38%
5. Passenger tour boats, water taxis, passenger vessels charters, sport fishing charters – 27%
6. Private landowner/homeowner Management – 20%
7. Guided trips, rentals, liveries, instruction – 24%

Additional responses – 16% or less

\* 77% of responses from Florida

# Q5 – Use “Challenges” on Waterways

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. Large Crowds – 34%
2. Derelict or At-Risk vessels – 33%
3. Motorized boats vs. paddle or rowing craft – 31%
4. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. - 30%
5. PWCs, air boats, similar vessels – 24%
6. Navigation, infrastructure, hazards – 23%
7. Landowners vs. everyone – 21%
8. Aquatic nuisance species – 20%
9. Wakes – 20%

Additional responses – 16% or less

## Business

1. Navigation, infrastructure, hazards (dams, etc.) – 31%
2. Transportation of goods/cargo vs. recreational pursuits – 29%
3. Derelict and at-risk vessels – 28%
4. PWCs, air boats, similar vessels – 28%
5. Large crowds – 27%
6. Motorized boats vs. paddles/row craft – 26%
7. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. – 26%
8. Wakes – 25%

Additional responses 17% or less

## Waterway User\*

1. Large Crowds – 35%
2. PWCs, air boats, similar vessels – 34%
3. Wakes – 31%
4. Motorized boats vs. paddle or rowing craft – 30%
5. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. - 28%
6. Derelict or At-Risk vessels – 27%
7. Navigation, infrastructure, hazards – 26%
8. Aquatic nuisance species – 18%
9. Landowners vs. everyone – 18%

Additional responses – 14% or less

**\* 77% of responses from Florida**

# Q5 -Use “Challenges” on Waterways

(Select up to three from 14 categories including ‘other’) – selections to 25% or greater

## Government

1. Large Crowds – 34%
2. Derelict or At-Risk vessels – 33%
3. Motorized boats vs. paddle or rowing craft – 31%
4. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. - 30%
5. PWCs, air boats, similar vessels – 24%
6. Navigation, infrastructure, hazards – 23%
7. Landowners vs. everyone – 21%
8. Aquatic nuisance species – 20%
9. Wakes – 20%

Additional responses – 16% or less

## Business

1. Navigation, infrastructure, hazards (dams, etc.) – 31%
2. Transportation of goods/cargo vs. recreational pursuits – 29%
3. Derelict and at-risk vessels – 28%
4. PWCs, air boats, similar vessels – 28%
5. Large crowds – 27%
6. Motorized boats vs. paddles/row craft – 26%
7. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. – 26%
8. Wakes – 25%

Additional responses 17% or less

## Waterway User\*

1. Large Crowds – 35%
2. PWCs, air boats, similar vessels – 34%
3. Wakes – 31%
4. Motorized boats vs. paddle or rowing craft – 30%
5. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. - 28%
6. Derelict or At-Risk vessels – 27%
7. Navigation, infrastructure, hazards – 26%
8. Aquatic nuisance species – 18%
9. Landowners vs. everyone – 18%

Additional responses – 14% or less

\* 77% of responses from Florida



# Q5 - Use “Challenges” on Waterways

(Color coded/ cross-referenced items)

30% or greater in Yellow

## Government

1. Large Crowds – 34%
2. Derelict or At-Risk vessels – 33%
3. Motorized boats vs. paddle or rowing craft – 31%
4. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. - 30%
5. PWCs, air boats, similar vessels – 24%
6. Navigation, infrastructure, hazards – 23%
7. Landowners vs. everyone – 21%
8. Aquatic nuisance species – 20%
9. Wakes – 20%

Additional responses – 16% or less

## Business

1. Navigation, infrastructure, hazards (dams, etc.) – 31%
2. Transportation of goods/cargo vs. recreational pursuits – 29%
3. Derelict and at-risk vessels – 28%
4. PWCs, air boats, similar vessels – 28%
5. Large crowds – 27%
6. Motorized boats vs. paddles/row craft – 26%
7. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. – 26%
8. Wakes – 25%

Additional responses 17% or less

## Waterway User\*

1. Large Crowds – 35%
2. PWCs, air boats, similar vessels – 34%
3. Wakes – 31%
4. Motorized boats vs. paddle or rowing craft – 30%
5. Recreational vessels vs. paddlers, swimmers, snorkelers, etc. - 28%
6. Derelict or At-Risk vessels – 27%
7. Navigation, infrastructure, hazards – 26%
8. Aquatic nuisance species – 18%
9. Landowners vs. everyone – 18%

Additional responses – 14% or less

\* 77% of responses from Florida



# Q6 - “Drivers” of Use Conflicts

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. User inexperience, lack of education – 64%
2. Reckless watercraft users (e.g. speed, alcohol use) – 60%
3. Rental outfitters provide no safety, navigation, or awareness information – 33%
4. Wide range of stakeholder expectations – 32%
5. Access points that are difficult to manage – 28%
6. Disputes over access rights (private vs. public) – 16%
7. Retailers who provide no techniques, safety, awareness information or instruction – 14%

Additional responses – 11% or less

## Business

1. User inexperience, lack of education – 71%
2. Reckless watercraft users (e.g. speed, alcohol use) – 57%
3. Wide range of stakeholder expectations – 34%
4. Rental outfitters provide no safety, navigation, or awareness information – 29%
5. Disputes over access rights (private vs. public) – 19%
6. Access points that are difficult to manage – 17%
7. Retailers who provide no techniques, safety, awareness information or instruction – 16%

Additional responses – 15% or less

## Waterway User\*

1. Reckless watercraft users (e.g. speed, alcohol use) – 76%
2. User inexperience, lack of education – 68%
3. Rental outfitters provide no safety, navigation, or awareness information – 36%
4. Access points that are difficult to manage – 24%
5. Disputes over access rights (private vs. public) – 17%
6. Wide range of stakeholder expectations – 14%
7. Retailers who provide no techniques, safety, awareness information or instruction – 12%

Additional responses – 11% or less

\* 77% of responses from Florida

# Q6 - “Drivers” of Use Conflicts

(Ranking based on % of completed SurveyMonkey responses)

30% or greater in Yellow

## Government

1. **User inexperience, lack of education – 64%**
2. **Reckless watercraft users (e.g. speed, alcohol use) – 60%**
3. **Rental outfitters provide no safety, navigation, or awareness information – 33%**
4. **Wide range of stakeholder expectations – 32%**
5. Access points that are difficult to manage – 28%
6. Disputes over access rights (private vs. public) – 16%
7. Retailers who provide no techniques, safety, awareness information or instruction – 14%

Additional responses – 11% or less

## Business

1. **User inexperience, lack of education – 71%**
2. **Reckless watercraft users (e.g. speed, alcohol use) – 57%**
3. **Wide range of stakeholder expectations – 34%**
4. Rental outfitters provide no safety, navigation, or awareness information – 29%
5. Disputes over access rights (private vs. public) – 19%
6. Access points that are difficult to manage – 17%
7. Retailers who provide no techniques, safety, awareness information or instruction – 16%

Additional responses – 15% or less

## Waterway User\*

1. **Reckless watercraft users (e.g. speed, alcohol use) – 76%**
2. **User inexperience, lack of education – 68%**
3. **Rental outfitters provide no safety, navigation, or awareness information – 36%**
4. Access points that are difficult to manage – 24%
5. Disputes over access rights (private vs. public) – 17%
6. Wide range of stakeholder expectations – 14%
7. Retailers who provide no techniques, safety, awareness information or instruction – 12%

Additional responses – 11% or less

**\* 77% of responses from Florida**

# Q6 - “Drivers” of Use Conflicts

(color-coded/cross-references)

## Government

1. User inexperience, lack of education – 64%
2. Reckless watercraft users (e.g. speed, alcohol use) – 60%
3. Rental outfitters provide no safety, navigation, or awareness information – 33%
4. Wide range of stakeholder expectations – 32%
5. Access points that are difficult to manage – 28%
6. Disputes over access rights (private vs. public) – 16%
7. Retailers who provide no techniques, safety, awareness information or instruction – 14%

Additional responses – 11% or less

## Business

1. User inexperience, lack of education – 71%
2. Reckless watercraft users (e.g. speed, alcohol use) – 57%
3. Wide range of stakeholder expectations – 34%
4. Rental outfitters provide no safety, navigation, or awareness information – 29%
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6. Access points that are difficult to manage – 17%
7. Retailers who provide no techniques, safety, awareness information or instruction – 16%

Additional responses – 15% or less

## Waterway User

1. Reckless watercraft users (e.g. speed, alcohol use) – 76%
2. User inexperience, lack of education – 68%
3. Rental outfitters provide no safety, navigation, or awareness information – 36%
4. Access points that are difficult to manage – 24%
5. Disputes over access rights (private vs. public) – 17%
6. Wide range of stakeholder expectations – 14%
7. Retailers who provide no techniques, safety, awareness information or instruction – 12%

Additional responses – 11% or less

\* 77% of responses from Florida

# Q6 - “Drivers” of Use Conflicts

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. User inexperience, lack of education – 64%
2. Reckless watercraft users (e.g. speed, alcohol use) – 60%
3. Rental outfitters provide no safety, navigation, or awareness information – 33%
4. Wide range of stakeholder expectations – 32%
5. Access points that are difficult to manage – 28%
6. Disputes over access rights (private vs. public) – 16%
7. Retailers who provide no techniques, safety, awareness information or instruction – 14%

Additional responses – 11% or less

## Business

1. User inexperience, lack of education – 71%
2. Reckless watercraft users (e.g. speed, alcohol use) – 57%
3. Wide range of stakeholder expectations – 34%
4. Rental outfitters provide no safety, navigation, or awareness information – 29%
5. Disputes over access rights (private vs. public) – 19%
6. Access points that are difficult to manage – 17%
7. Retailers who provide no techniques, safety, awareness information or instruction – 16%

Additional responses – 15% or less

## Waterway User\*

1. Reckless watercraft users (e.g. speed, alcohol use) – 76%
2. User inexperience, lack of education – 68%
3. Rental outfitters provide no safety, navigation, or awareness information – 36%
4. Access points that are difficult to manage – 24%
5. Disputes over access rights (private vs. public) – 17%
6. Wide range of stakeholder expectations – 14%
7. Retailers who provide no techniques, safety, awareness information or instruction – 12%

Additional responses – 11% or less

\* 77% of responses from Florida

# Q7 - “Path Forward” for Meeting Needs, Minimizing Conflict

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. Public outreach/ information/ signage – **68%**
2. Authorities provide timely updates about regulations and current use – **45%**
3. Authorities are easy to find and approachable – **44%**
4. Periodic reviews are conducted of regulations to continue or update – **42%**
5. Authorities encourage and listen to public comments – **38%**
6. Issues are raised through public comment in legislation or rulemaking – **25%**

Additional responses – 10 % or less

## Business

1. Authorities provide timely updates about regulations and current use – **57%**
2. Public outreach/ information/ signage – **52%**
3. Periodic reviews are conducted of regulations to continue or update – **41%**
4. Authorities encourage and listen to public comments – **40%**
5. Authorities are easy to find and approachable – **39%**
6. Issues are raised through public comment in legislation or rulemaking – **30%**

Additional responses – 11 % or less

## Waterway User\*

1. Public outreach/ information/ signage – **52%**
2. Authorities are easy to find and approachable – **50%**
3. Authorities encourage and listen to public comments – **50%**
4. Authorities provide timely updates about regulations and current use – **42%**
5. Periodic reviews are conducted of regulations to continue or update – **38%**
6. Issues are raised through public comment in legislation or rulemaking – **22%**

Additional responses – 10 % or less

**\* 77% of Respondents from Florida**

# Q7 - “Path Forward” for Meeting Needs, Minimizing Conflict (30% or greater)

## Government

1. Public outreach/ information/ signage – 68%
2. Authorities provide timely updates about regulations and current use – 45%
3. Authorities are easy to find and approachable – 44%
4. Periodic reviews are conducted of regulations to continue or update – 42%
5. Authorities encourage and listen to public comments – 38%
6. Issues are raised through public comment in legislation or rulemaking – 25%

Additional responses – 10 % or less

## Business

1. Authorities provide timely updates about regulations and current use – 57%
2. Public outreach/ information/ signage – 52%
3. Periodic reviews are conducted of regulations to continue or update – 41%
4. Authorities encourage and listen to public comments – 40%
5. Authorities are easy to find and approachable – 39%
6. Issues are raised through public comment in legislation or rulemaking – 30%

Additional responses – 11 % or less

## Waterway User\*

1. Public outreach/ information/ signage – 52%
2. Authorities are easy to find and approachable – 50%
3. Authorities encourage and listen to public comments – 50%
4. Authorities provide timely updates about regulations and current use – 42%
5. Periodic reviews are conducted of regulations to continue or update – 38%
6. Issues are raised through public comment in legislation or rulemaking – 22%

Additional responses – 10 % or less

\* 77% of Respondents from Florida



# Q7 - “Path Forward” for Meeting Needs, Minimizing Conflict

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. Public outreach/ information/ signage – **68%**
2. Authorities provide timely updates about regulations and current use – **45%**
3. Authorities are easy to find and approachable – **44%**
4. Periodic reviews are conducted of regulations to continue or update – **42%**
5. Authorities encourage and listen to public comments – **38%**
6. Issues are raised through public comment in legislation or rulemaking – **25%**

Additional responses – 10 % or less

## Business

1. Authorities provide timely updates about regulations and current use – **57%**
2. Public outreach/ information/ signage – **52%**
3. Periodic reviews are conducted of regulations to continue or update – **41%**
4. Authorities encourage and listen to public comments – **40%**
5. Authorities are easy to find and approachable – **39%**
6. Issues are raised through public comment in legislation or rulemaking – **30%**

Additional responses – 11 % or less

## Waterway User\*

1. Public outreach/ information/ signage – **52%**
2. Authorities are easy to find and approachable – **50%**
3. Authorities encourage and listen to public comments – **50%**
4. Authorities provide timely updates about regulations and current use – **42%**
5. Periodic reviews are conducted of regulations to continue or update – **38%**
6. Issues are raised through public comment in legislation or rulemaking – **22%**

Additional responses – 10 % or less

\* **77% of responses from Florida**

# Q7 - “Path Forward” for Meeting Needs, Minimizing Conflict

(Ranking based on % of completed SurveyMonkey responses)

## Government

1. Public outreach/ information/ signage – **68%**
2. Authorities provide timely updates about regulations and current use – **45%**
3. Authorities are easy to find and approachable – **44%**
4. Periodic reviews are conducted of regulations to continue or update – **42%**
5. Authorities encourage and listen to public comments – **38%**
6. Issues are raised through public comment in legislation or rulemaking – **25%**

Additional responses – 10 % or less

## Business

1. Authorities provide timely updates about regulations and current use – **57%**
2. Public outreach/ information/ signage – **52%**
3. Periodic reviews are conducted of regulations to continue or update – **41%**
4. Authorities encourage and listen to public comments – **40%**
5. Authorities are easy to find and approachable – **39%**
6. Issues are raised through public comment in legislation or rulemaking – **30%**

Additional responses – 11 % or less

## Waterway User\*

1. Public outreach/ information/ signage – **52%**
2. Authorities are easy to find and approachable – **50%**
3. Authorities encourage and listen to public comments – **50%**
4. Authorities provide timely updates about regulations and current use – **42%**
5. Periodic reviews are conducted of regulations to continue or update – **38%**
6. Issues are raised through public comment in legislation or rulemaking – **22%**

Additional responses – 10 % or less

**\* 77% of responses from Florida**

**Action Item –**  
Compare FL to Non-FL responses – Does this change priorities?



# Next Steps

# Action Items

1. Review the Table of Contents (5-7-20 version) with survey results and recommend revision if needed.
  - Is there a significant group categorized among the “Other” government responders whose input can change the priorities (e.g., Boating Educators)?
  - Compare “Florida” to “Non-Florida” responses for Waterway Users. Does this change the priorities?
  - Review all text responses (completed and incomplete) by Interest Category for commonalities. Identify useful “quotes” or “insight” for the Guide.
2. Draft 1 of Guide
3. Draft Waterway Management Web Tool
4. Other?

# Action Items – Work groups

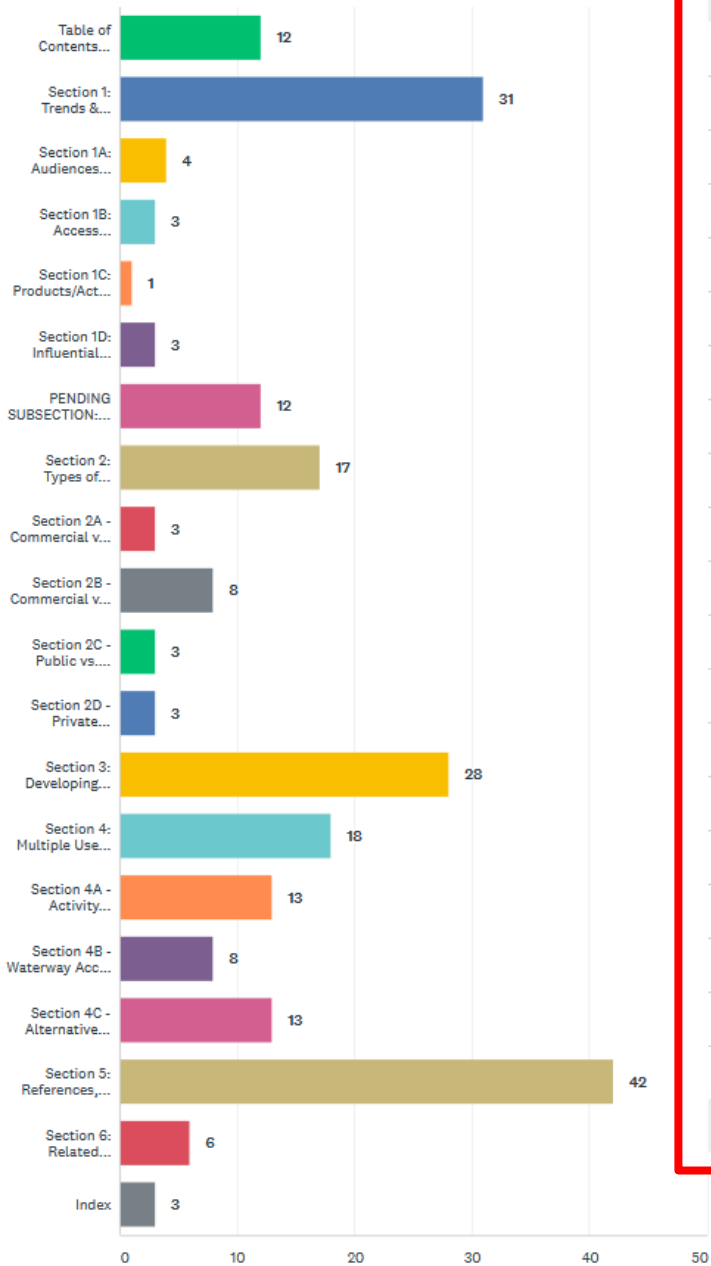
1. Review the Table of Contents (5-7-20 version) with survey results and recommend revision if needed. *Input needed before end of August 2020 (Risa -*
  - Is there a significant group categorized among the “Other” government responders whose input can change the priorities (e.g., Boating Educators)? *(Alex, Ron -*
  - Compare “Florida” to “Non-Florida” responses for Waterway Users. Does this change the priorities? *(Alex -*
  - Review all text responses (completed and incomplete) by Interest Category for commonalities. Identify useful “quotes” or “insight” for the Guide. *(Ron -*
2. Draft 1 of Guide *(Alex -*
3. Draft Waterway Management Web Tool *(Ron -*
4. Other?

# Action Items – Work groups/Timelines

- 1. Two September meetings – Doodle Poll of availability to all**
- 2. Workgroups to meet and report at September meetings**

Indicate which chapter(s) of the Guide would best include a link to this reference:

Answered: 65   Skipped: 1



ANSWER CHOICES	RESPONSES	
▼ Table of Contents (Foreword, How to Use This Reference)	18.46%	12
▼ Section 1: Trends & Emerging Issues – What is shaping waterway use, demands, and resulting conflict?	47.69%	31
▼ Section 1A: Audiences (Users)	6.15%	4
▼ Section 1B: Access (Communities, Venues, Considerations e.g. public vs. private, ADA, local rules, etc.)	4.62%	3
▼ Section 1C: Products/Activities (e.g. equip. availability, related activities, social activities, non-managed access, etc.)	1.54%	1
▼ Section 1D: Influential Technology (e.g.GPS, maps, Radar, LIDAR, solar power, batteries, etc.)	4.62%	3
▼ PENDING SUBSECTION: Regional Perspectives (Indicate which region in comment box)	18.46%	12
▼ Section 2: Types of Multiple Use Waterway Issues and Conflicts	26.15%	17
▼ Section 2A - Commercial vs. Commercial	4.62%	3
▼ Section 2B - Commercial vs. Public	12.31%	8
▼ Section 2C - Public vs. Public	4.62%	3
▼ Section 2D - Private Landowners vs. Everyone Else	4.62%	3
▼ Section 3: Developing Plans & Solutions for Waterway Use Issues and Conflicts	43.08%	28
▼ Section 4: Multiple Use Waterway Management Approaches & Related Tools	27.69%	18
▼ Section 4A - Activity Controls & Traffic Management	20.00%	13
▼ Section 4B - Waterway Access Controls	12.31%	8
▼ Section 4C - Alternative Management Methods	20.00%	13
▼ Section 5: References, Links & Additional Resources (works cited)	64.62%	42
▼ Section 6: Related Organizational References (websites, contacts)	9.23%	6
▼ Index	4.62%	3
Total Respondents: 65		