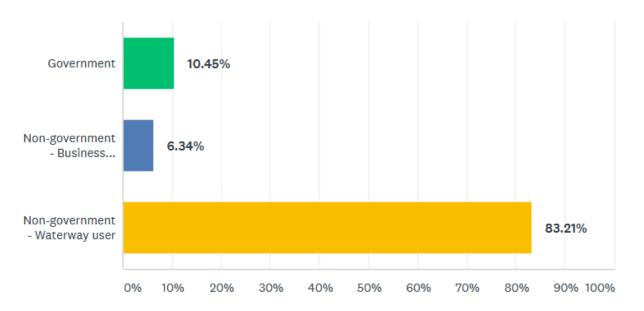
Guide to Multiple Use Waterway Management August 14, 2020

Nationwide Survey Preliminary Review

Survey Input – 3,415 Responses



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.

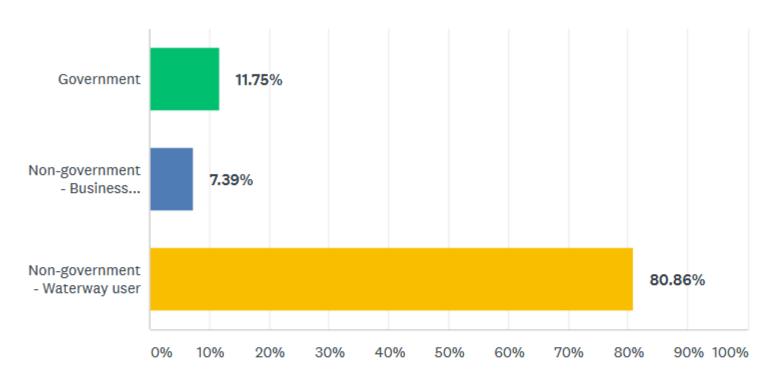
Filter Applied:

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

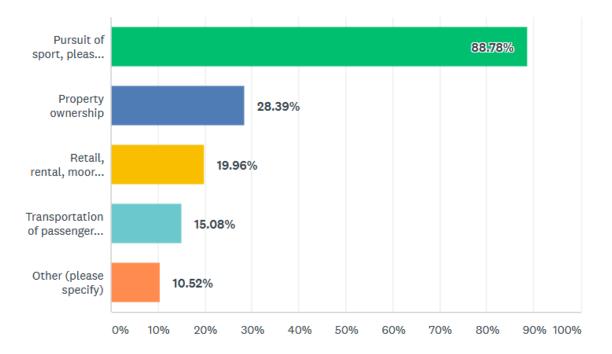


Q1 - All Complete Reponses

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



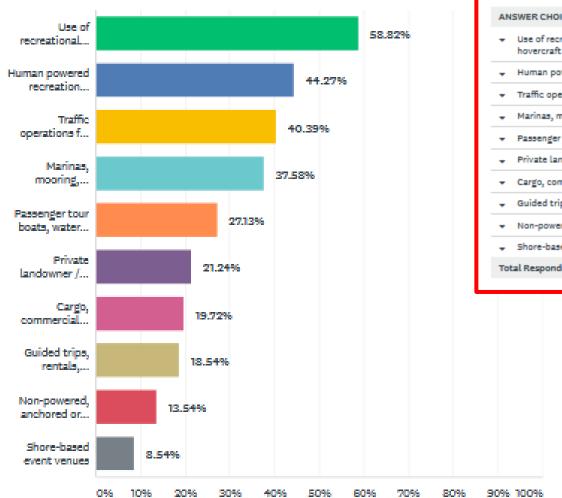
ANSWER CHOICES	•	RESPONSES	•
 Pursuit of sport, pleasure and event-based activities 		88.78%	1,401
▼ Property ownership		28.39%	448
 Retail, rental, mooring facilities, products, services 		19.96%	315
▼ Transportation of passengers, commerce-related cargo, infrastructure		15.08%	238
▼ Other (please specify)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



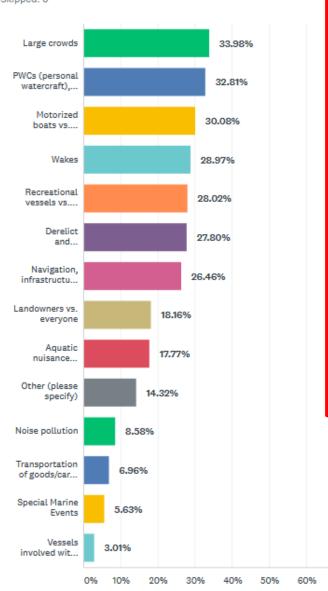
ANSWER CHOICES	*	RESPONS	SES *
 Use of recreational power or sail vessels / activities (e.g. personal watercraft, airboats, surface effect ships, hovercraft / fishing, water or kite-skiing, cruising) 		58.82%	1,047
+ Human powered recreation (e.g., swimming, canoeing, kayaking, stand-up paddle boarding, surfing)		44.27%	788
▼ Traffic operations for recreational users		40.39%	719
warings, 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			

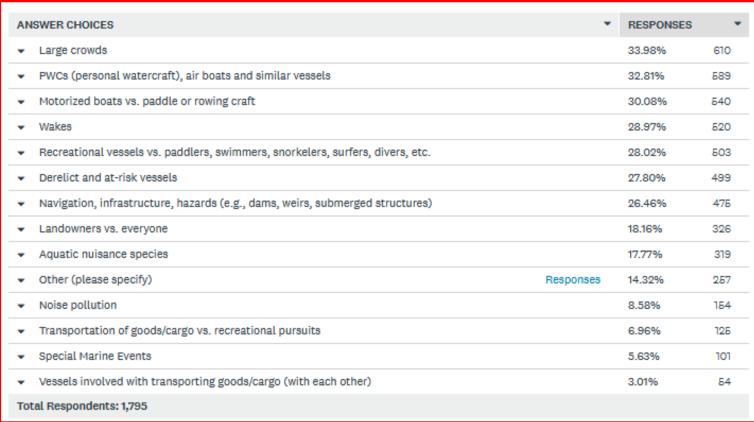
Q4 – All Complete Responses/ "Impact" Which of the following create the greatest challenges on your waterway(s)? Check up to three.

90% 100%

70%







Q5 – All Complete Responses/ "Challenges" Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.



Illegal

charters

4.33%

30%

20%

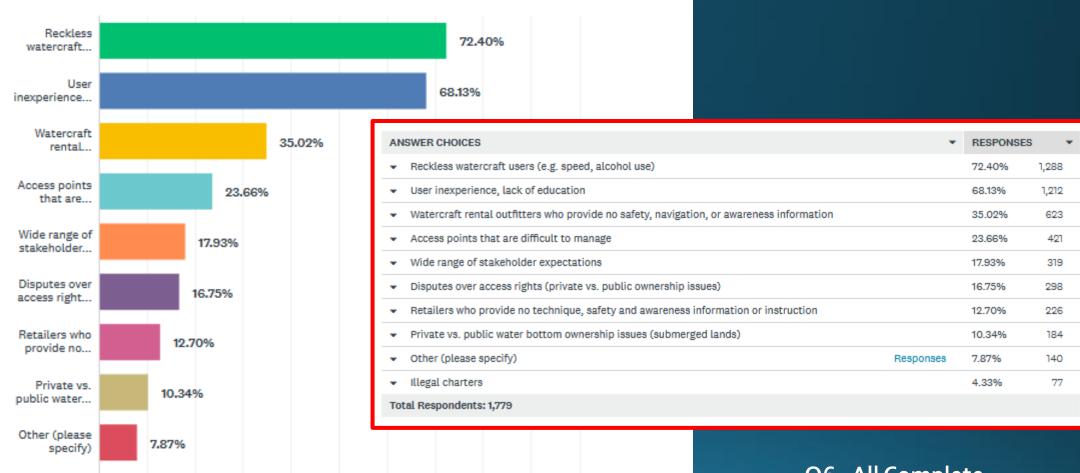
50%

60%

70%

80%

90% 100%



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"

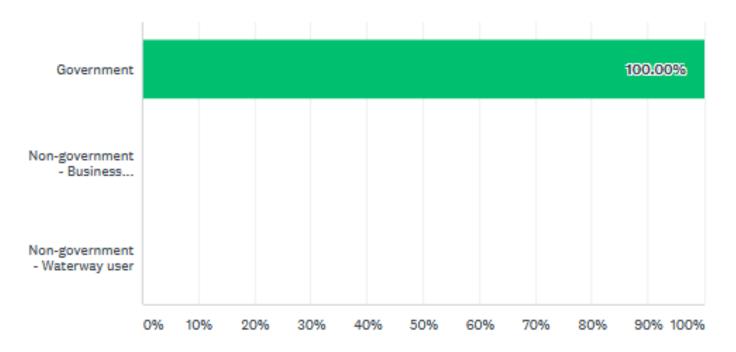
ANSWER CHOICES	•	RESPONSES	•
▼ Public outreach/information/signage		53.60%	946
▼ Authorities are easy to find and approachable		48.33%	853
→ Authorities encourage and listen to public comments		47.48%	838
 Authorities provide timely updates about regulations and current use 		43.80%	773
▼ Periodic reviews 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) Respons	ses	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

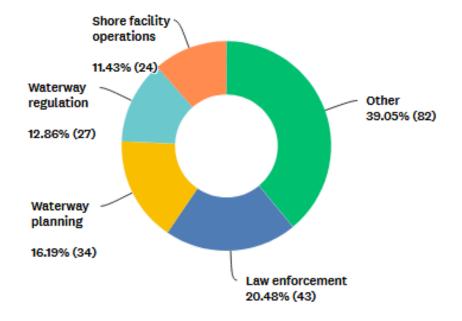


Q1 – Government Complete Reponses

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

Which of the following best describes your area of responsibility?

Answered: 210 Skipped: 0



ANSWER CHOICES	-	RESPONSES	-
▼ Other	Responses	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 Reponses

Action Item:
Explore the
"Other"
responses for
commonalities



Customize



Not Asked

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

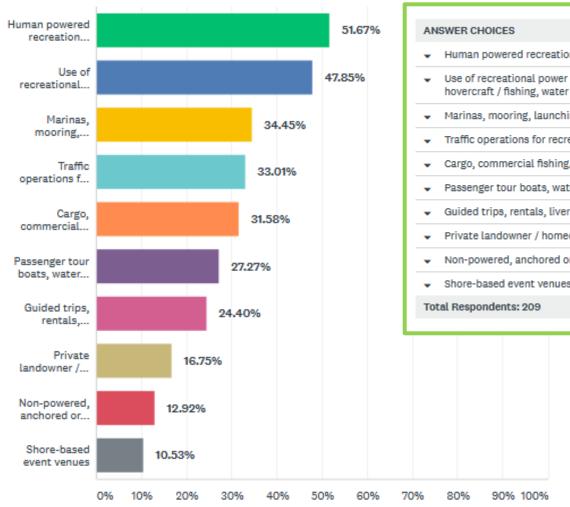
Answered: 0 Skipped: 210

▲ 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)	esponses	0.00%	0
Total Respondents: 0			

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	RESPON	NSES 🕶
▼ 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%	5 1
▼ 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.

10.53%

30%

50%

60%

70%

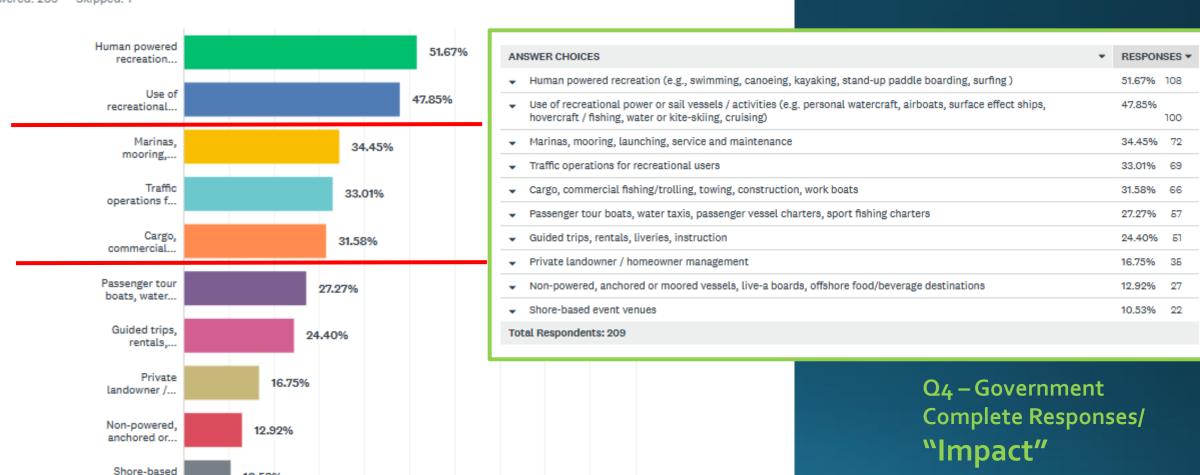
80%

90% 100%

event venues

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

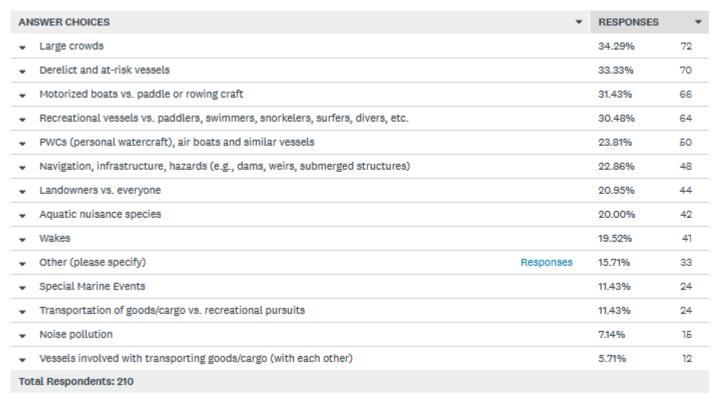
Answered: 209 Skipped: 1



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

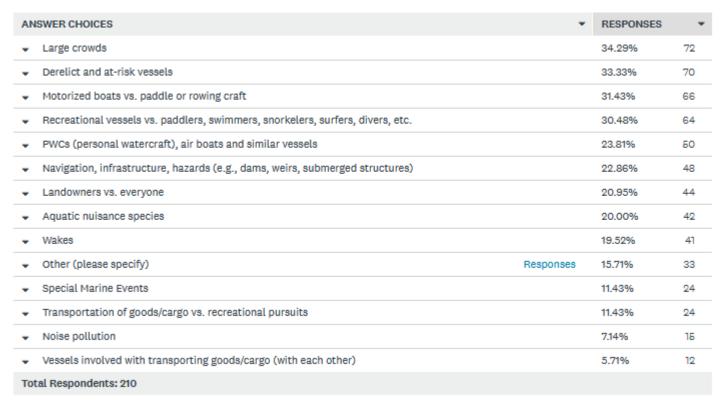
Answered: 210 Skipped: 0





Q5 – Government Complete Responses/ "Challenges" Which of the following create the greatest challenges on your waterway(s)? Check up to three.





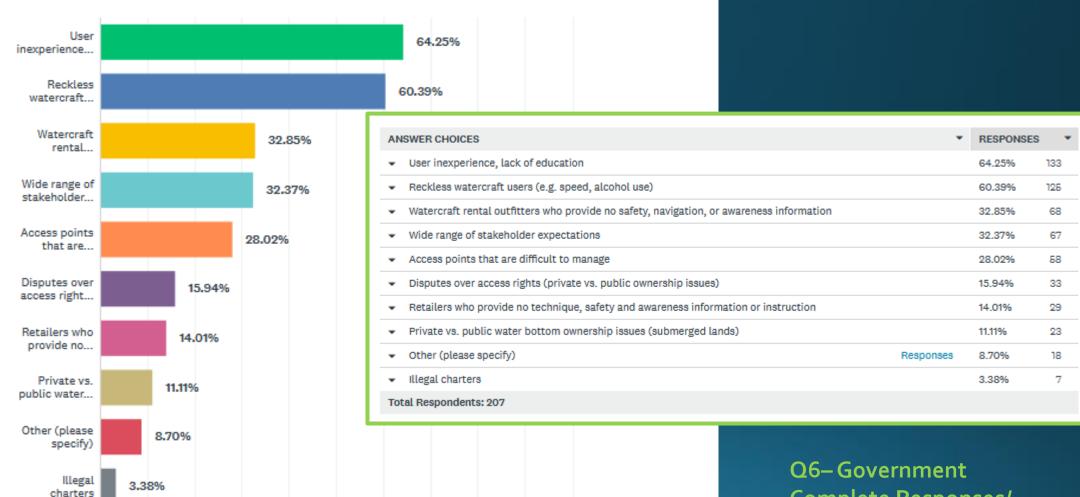
Q5 – Government Complete Responses/ "Challenges" Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

50%

70%

80%

Answered: 207 Skipped: 3



90% 100%

Q6-Government
Complete Responses/
"Drivers"

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

50%

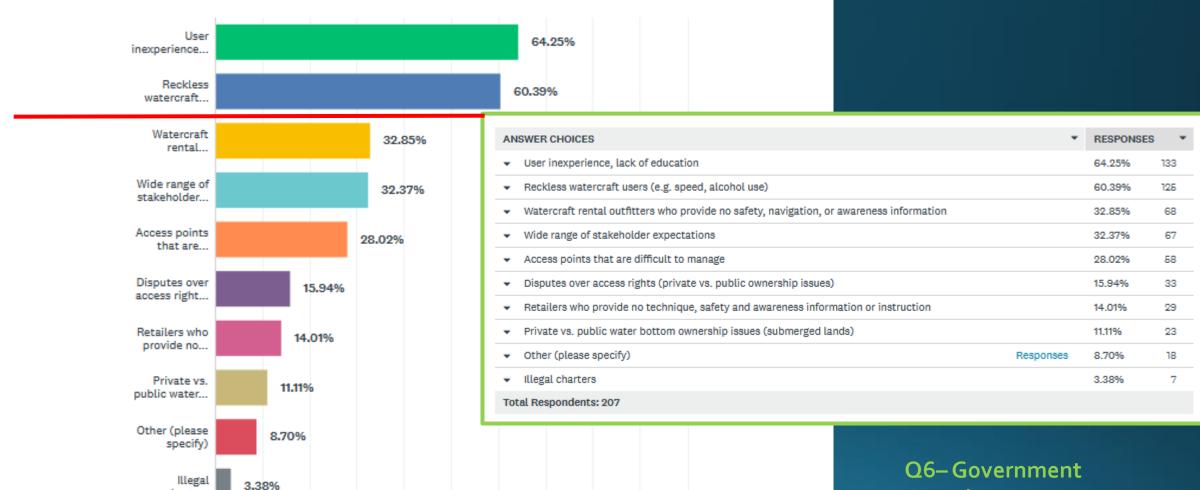
70%

80%

90% 100%



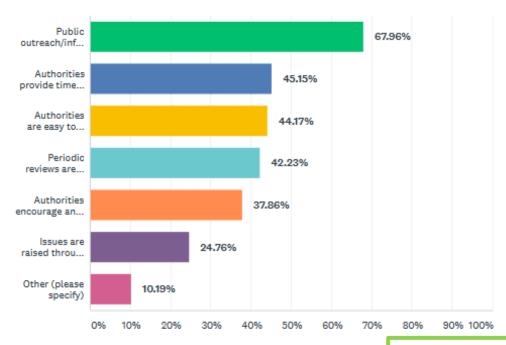
charters



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

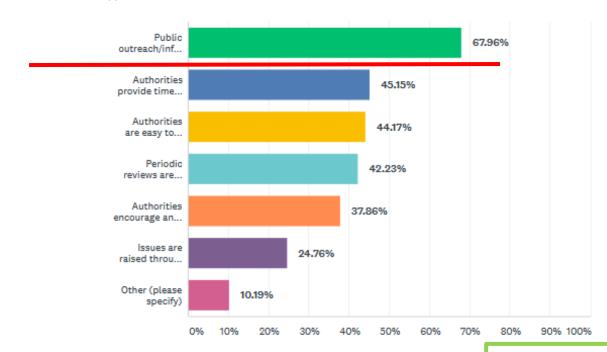


Q7-Government
Complete Responses/
"Path Forward"

 ▼ Public outreach/information/signage ▼ Authorities provide timely updates about regulations and current use ▼ Authorities are easy to find and approachable ▼ Periodic reviews are conducted of regulations to continue or update ▼ Authorities encourage and listen to public comments 	67.96% 45.15% 44.17%	140 93
 ✓ Authorities are easy to find and approachable ✓ Periodic reviews are conducted of regulations to continue or update ✓ Authorities encourage and listen to public comments 		
Periodic reviews are conducted of regulations to continue or update Authorities encourage and listen to public comments	44 1704	
▼ Authorities encourage and listen to public comments	77.1770	91
,	42.23%	87
	37.86%	78
 Issues are raised through public comment in legislation or rulemaking 	24.76%	5 1
▼ Other (please specify) Response	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"

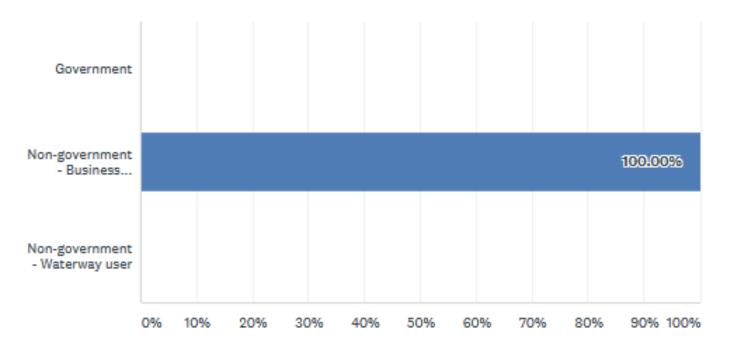
ANSWER CHOICES	•	RESPONSES	•
 Public outreach/information/signage 		67.96%	140
 Authorities provide timely updates about regulations and current use 		45.15%	93
 Authorities are easy to find and approachable 		44.17%	91
 Periodic reviews are conducted of regulations to continue or update 		42.23%	87
 Authorities encourage and listen to public comments 		37.86%	78
 Issues are raised through public comment in legislation or rulemaking 		24.76%	51
▼ Other (please specify) Respons	es	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

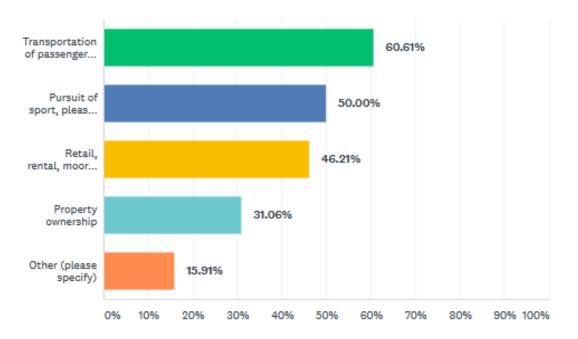


Q1 – Business Complete Reponses

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

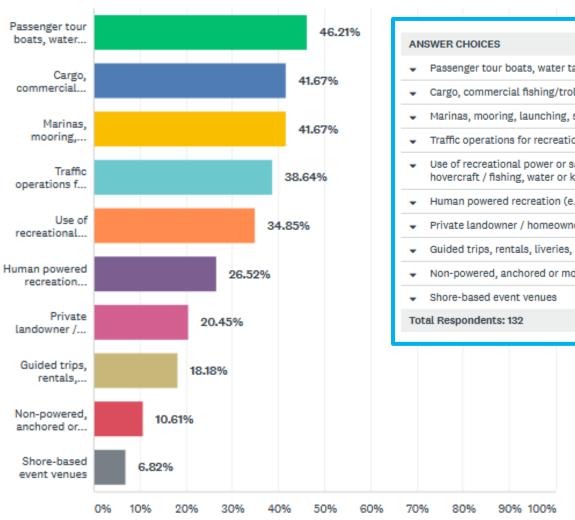


ANSWER CHOICES	▼ RESPONSES	•
 Transportation of passengers, commerce-related cargo, infrastructure 	60.61%	80
 Pursuit of sport, pleasure and event-based activities 	50.00%	66
 Retail, rental, mooring facilities, products, services 	46.21%	61
▼ Property ownership	31.06%	41
▼ Other (please specify) Responses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

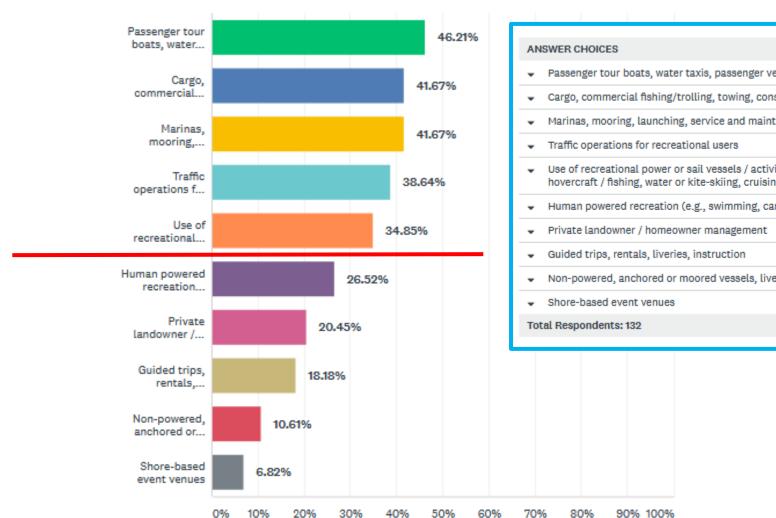


ANSWER CHOICES	▼ RESPONSES ▼	
▼ Passenger tour boats, water taxis, passenger vessel charters, sport fishing charters	46.21%	61
▼ Cargo, commercial fishing/trolling, towing, construction, work boats	41.67%	55
▼ Marinas, mooring, launching, service and maintenance	41.67%	55
▼ Traffic operations for recreational 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



A	ISWER CHOICES ▼	RESPON	SES 🕶
•	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%	5 1
•	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
To	tal Respondents: 132		

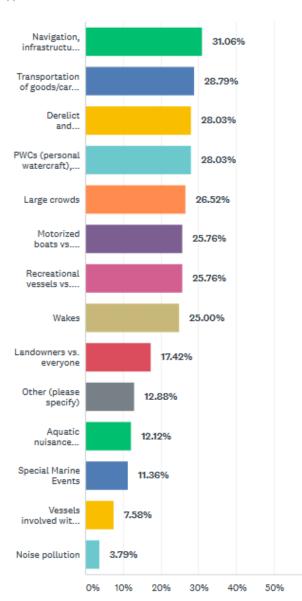
Q4 – Business Complete Responses/ "Impact" Which of the following create the greatest challenges on your waterway(s)? Check up to three.

80%

70%

90% 100%

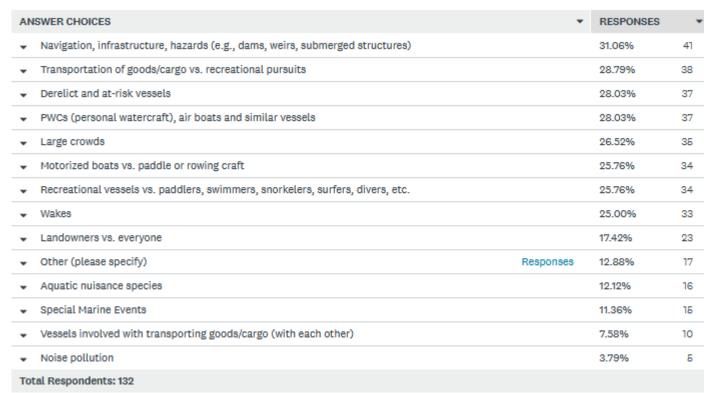
Answered: 132 Skipped: 0





Q5 – Business Complete Responses/ "Challenges" Which of the following create the greatest challenges on your waterway(s)? Check up to three.





O5 – 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

Other (please

specify)

6.11%

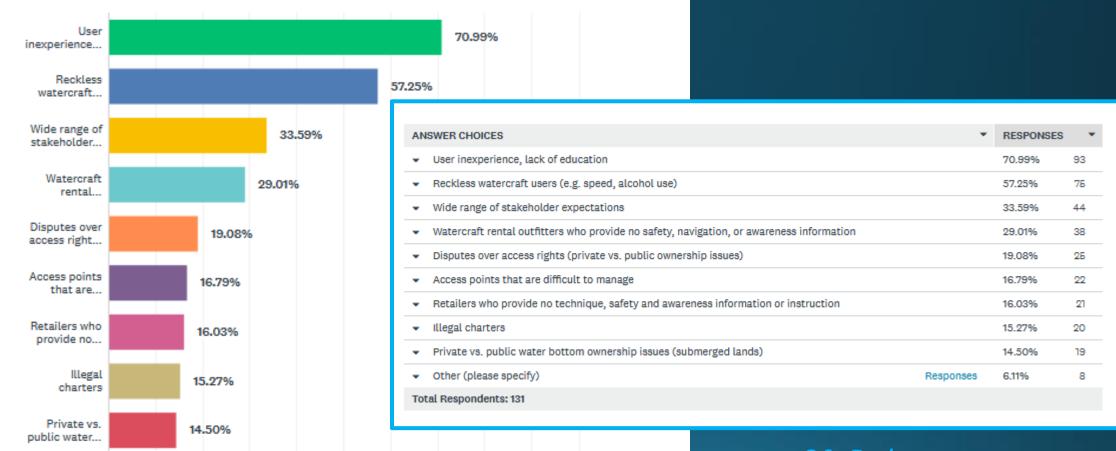
30%

50%

70%

80%

90% 100%



Q6- Business
Complete Responses/
"Drivers"

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



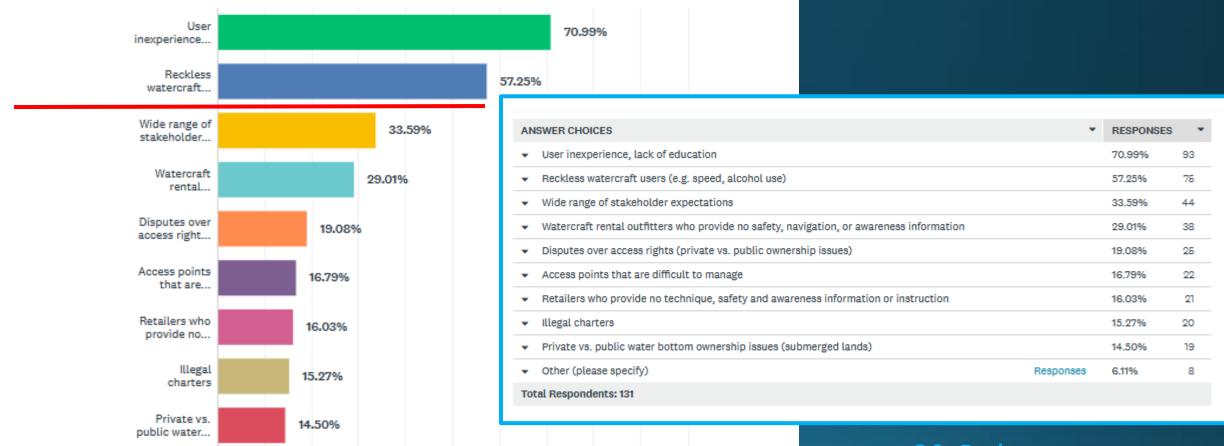
Other (please

specify)

6.11%

30%

50%



80%

90% 100%

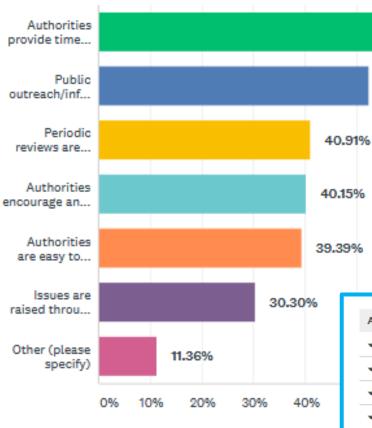
Q6- Business
Complete Responses/
"Drivers"

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

56.82%

52,27%

Answered: 132 Skipped: 0



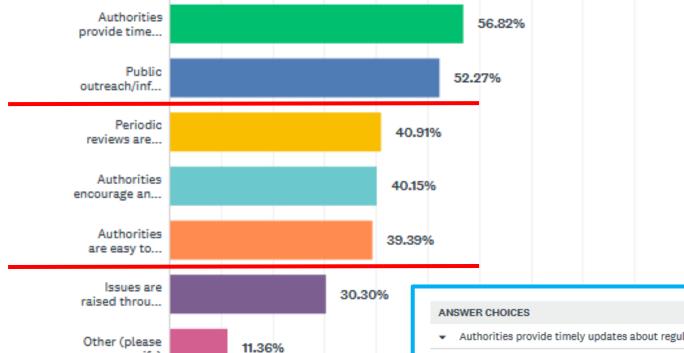
Q7-Business
Complete Responses/
"Path Forward"

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) Respons	es	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

specify)



40%

20%

Q7- Business
Complete Responses/
"Path Forward"

ANSWER CHOICES	▼ RES	SPONSES	•
 Authorities provide timely updates about regulations and current use 	56.	82% 7	75
 Public outreach/information/signage 	52.	27% 6	39
 Periodic reviews are conducted of regulations to continue or update 	40.	91% 8	54
 Authorities encourage and listen to public comments 	40.	15% E	53
 Authorities are easy to find and approachable 	39.	39% &	52
 Issues are raised through public comment in legislation or rulemaking 	30.	30% 4	10
▼ Other (please specify) Respons	ses 11.3	16%	15
Total Respondents: 132			

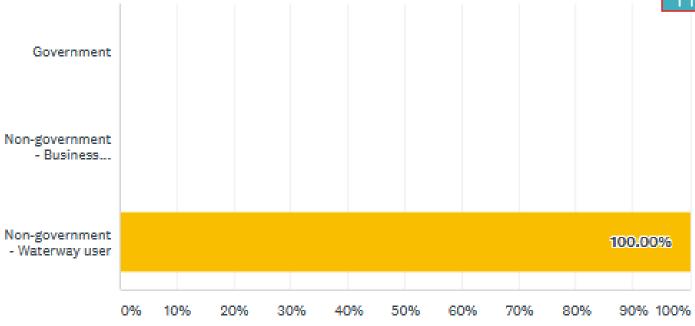
Filter Applied – Question 1 – Primary Interest:

Non-government – Waterway User ("User") Complete Responses perSurveyMonkey

Which term represents your primary interest?

Answered: 1,445 Skipped: 0

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

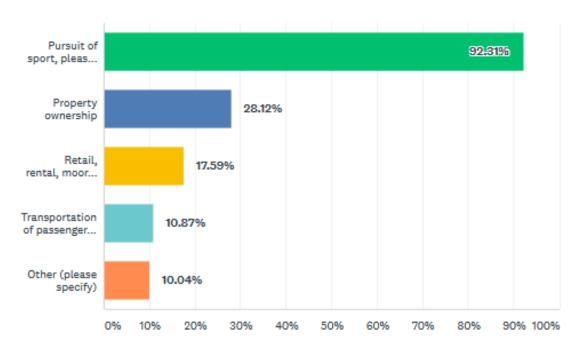


Q1 – User Complete Reponses

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 Note: 77 percent of the 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 Reponses/ "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) Response	S	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.

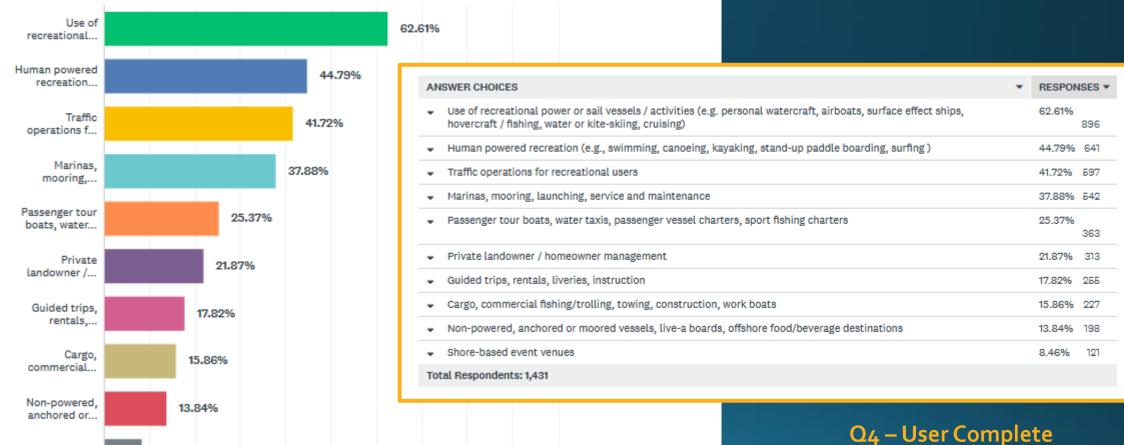
Answered: 1,431 Skipped: 14

Shore-based

event venues

8,46%

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



90% 100%

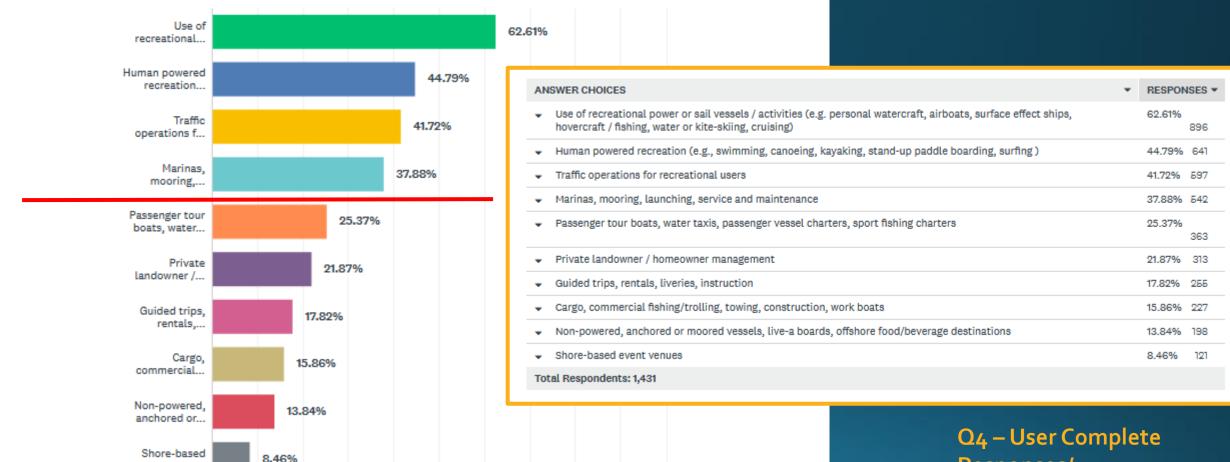
Q4 – User Complete Responses/
"Impact"

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

event venues

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



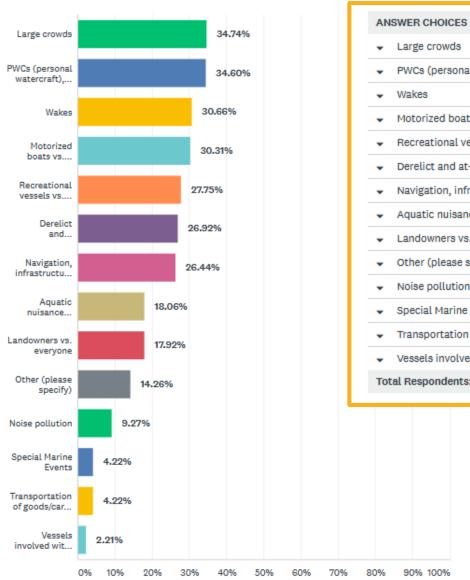
90% 100%

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	•			
	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			
	17.92%	259			
▼ Other (please specify) Responses	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.

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%	40
▼ Derelict and at-risk vessels		26.92%	389
 Navigation, infrastructure, hazards (e.g., dams, weirs, submerged structures) 		26.44%	38
▼ Aquatic nuisance species		18.06%	26
▼ Landowners vs. everyone		17.92%	259
▼ Other (please specify)	Responses	14.26%	20
▼ Noise pollution		9.27%	134
▼ Special Marine Events		4.22%	6
 Transportation of goods/cargo vs. recreational pursuits 		4.22%	6
 Vessels involved with transporting goods/cargo (with each other) 		2.21%	35
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.

50%

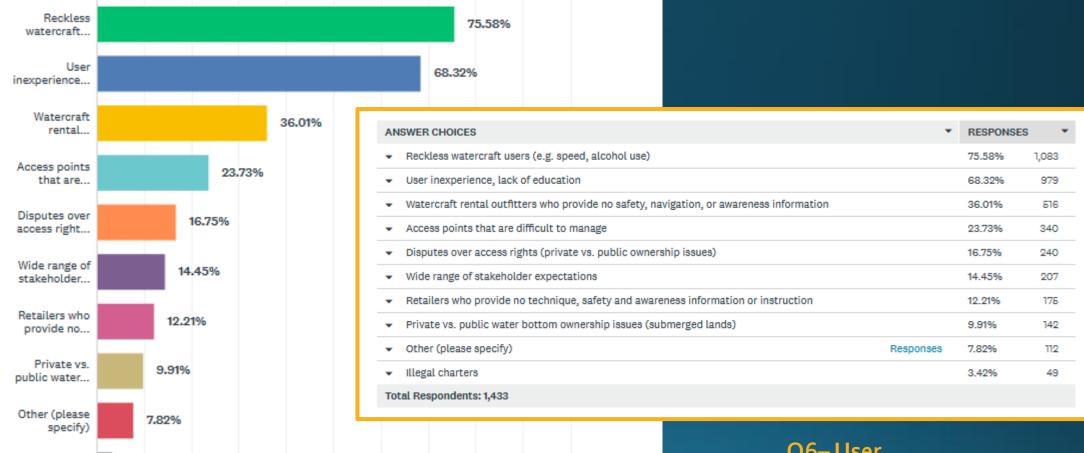
Answered: 1,433 Skipped: 12

Illegal

charters

3.42%

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



90% 100%

Q6-User Complete Responses/ "Drivers" Which of the following are the primary drivers of use conflicts on your waterway? Select up to three.

50%

70%

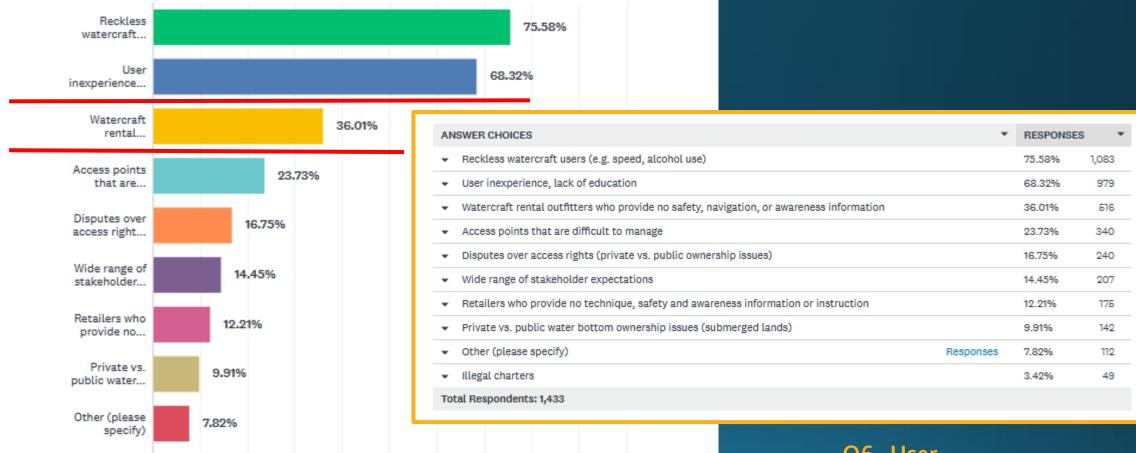
Answered: 1,433 Skipped: 12

Illegal

charters

3.42%

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

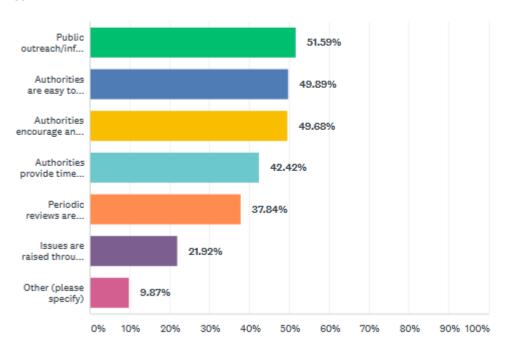


90% 100%

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



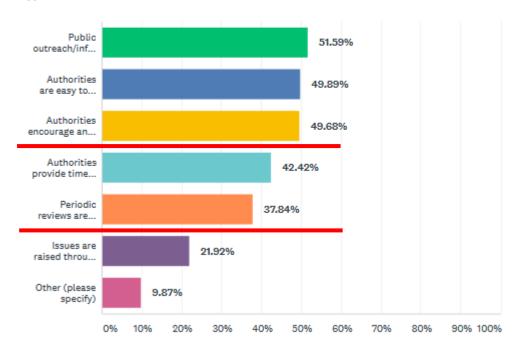
Note: 77 percent of the respondents in this interest category identified as 'Florida'.

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"

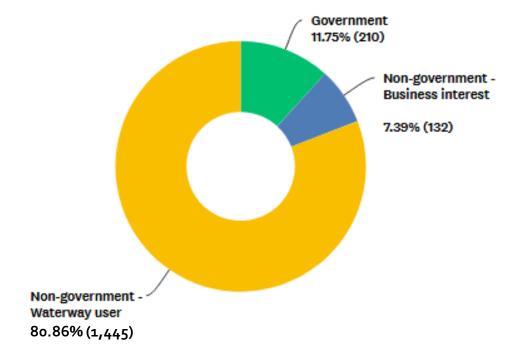
ANSWER CHOICES	•	RESPONSES	,
▼ Public outreach/information/signage		51.59%	732
 Authorities are easy to find and approachable 		49.89%	708
 Authorities encourage and listen to public comments 		49.68%	705
 Authorities provide timely updates about regulations and current use 		42.42%	602
 Periodic reviews 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			

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			

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, eventbased activities – 50%
- Retail, rental, mooring facilities, products, services 46%
- 4. Property ownership 31%

Additional Responses – 16% or less

Waterway User

- Pursuit of sport, pleasure, eventbased activities – 92%
- 2. Property ownership 29%
- 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

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

Additional Responses – 16% or less

Waterway User*

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

Additional Responses – 10% or less

Q4 – Trends "Impact" on Waterway Management (Ranking based on % of completed SurveyMonkey responses)

Government

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

Additional responses – 17% or less

Business

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

Additional responses - 18% or less

Waterway User*

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

Additional responses – 16% or less

Q4 – Trends "Impacting" Waterway Management (Selections to 30% or greater)

Government

- 1. Human Powered Recreation 52%
- 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 taxies, passenger vessels charters, sport fishing charters 27%
- 7. Guided trips, rentals, liveries, instruction 24%

Additional responses – 17% or less

Business

- Passenger tour boats, water taxies, 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 taxies, 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

Q4 – Trends "Impacting" Waterway Management (Selections to 30% or greater)

Government

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

Additional responses – 17% or less

Business

- Passenger tour boats, water taxies, 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 –
- 7. Private landowner/homeowner Management – 20%

Additional responses - 18% or less

Waterway User*

- 1. Use of Recreational Power/Sail Vessels 63%
- Human Powered Recreation 45%
- 3. Traffic Operations for Rec users 42%
- 4. Marinas, Mooring, Launching, Service/Maintenance-38%
- 5. Passenger tour boats, water taxies, 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

Q5 – Use "Challenges" on Waterways

(Ranking based on % of completed SurveyMonkey responses)

Government

- 1. Large Crowds 34%
- 2. Derelict or At-Risk vessels 33%
- 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%
- 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%
- 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

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%
- 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%
- PWCs, air boats, similar vessels
 28%
- 5. Large crowds 27%
- 6. Motorized boats vs. paddles/row craft 26%
- 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%
- Navigation, infrastructure, hazards – 26%
- 8. Aquatic nuisance species 18%
- 9. Landowners vs. everyone 18%

Additional responses – 14% or less

Q5 - Use "Challenges" on Waterways

(Color coded/ cross-referenced items)

30% or greater in Yellov

Government

- 1. Large Crowds 34%
- Derelict or At-Risk vessels –
 33%
- 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

- 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%
- 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%
- Navigation, infrastructure, hazards – 26%
- 8. Aquatic nuisance species 18%
- 9. Landowners vs. everyone 18%

Additional responses — 14% or less

(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%
- 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%
- 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

(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%
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- 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

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Additional responses – 15% or less

Waterway User*

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- Retailers who provide no techniques, safety, awareness information or instruction 12%

Additional responses – 11% or less

(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%
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- 7. Retailers who provide no techniques, safety, awareness information or instruction 14%

Additional responses – 11% or less

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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

- Reckless watercraft users (e.g. speed, alcohol use) 76%
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- 4. Access points that are difficult to manage 24%
- 5. Disputes over access rights (private vs. public) 17%
- Wide range of stakeholder expectations 14%
- 7. Retailers who provide no techniques, safety, awareness information or instruction 12%

Additional responses – 11% or less

(Ranking based on % of completed SurveyMonkey responses)

Government		Business		Waterway User*		
1.	User inexperience, lack of education – 64%	1.	User inexperience, lack of education – 71%	1.	Reckless watercraft users (e.g. speed, alcohol use) – 76%	
2.	Reckless watercraft users (e.g. speed, alcohol use) – 60%	2.	Reckless watercraft users (e.g. speed, alcohol use) – 57%	2.	User inexperience, lack of education – 68%	
3.	Rental outfitters provide no safety, navigation, or awareness information – 33%	3.	Wide range of stakeholder expectations – 34%	3.	Rental outfitters provide no safety, navigation, or awareness information – 36%	
4.	Wide range of stakeholder expectations – 32%	4.	Rental outfitters provide no safety, navigation, or awareness information – 29%	4.	Access points that are difficult to manage – 24%	
5.	Access points that are difficult to manage – 28%	5.	Disputes over access rights (private vs. public – 19%	5.	Disputes over access rights (private vs. public) – 17%	
6.	Disputes over access rights (private vs. public) – 16%	6.	Access points that are difficult to manage – 17%	6.	Wide range of stakeholder expectations – 14%	
7.	Retailers who provide no techniques, safety, awareness information or instruction – 14%	7.	Retailers who provide no techniques, safety, awareness information or instruction – 16%	7.	Retailers who provide no techniques, safety, awareness information or instruction – 12% litional responses – 11% or less	
Ad	ditional responses – 11% or less	Ado	ditional responses – 15% or less		% of responses from Florida	

O7 - "Path Forward" for Meeting Needs, Minimizing Conflict (Ranking based on % of completed SurveyMonkey responses)

Government

- Public outreach/ information/ signage – 68%
- Authorities provide timely updates about regulations and current use -45%
- Authorities are easy to find and approachable 44%
- 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%

Business

- Authorities provide timely updates about regulations and current use –
 57%
- 2. Public outreach/ information/ signage 52%
- Periodic reviews are conducted of regulations to continue or update 41%
- 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%

Waterway User*

- Public outreach/ information/ signage – 52%
- 2. Authorities are easy to find and approachable **50%**
- 3. Authorities encourage and listen to public comments 50%
- Authorities provide timely updates about regulations and current use –
 42%
- 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

Additional responses – 11 % or less

Additional responses – 10 % or less

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%
- 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%

Business

- Authorities provide timely updates about regulations and current use – 57%
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Waterway User*

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- 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%
- Periodic reviews are conducted of regulations to continue or update – 38%
- 6. Issues are raised through public comment in legislation or rulemaking 22%

10 % or less Add

Additional responses – 11 % or less

Additional responses – 10 % or less

O7 - "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%
- 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%

Business

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- 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%
- 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

Additional responses – 10 % or less

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%
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Additional responses – 10 % or less

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Additional responses – 11 % or less

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- 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

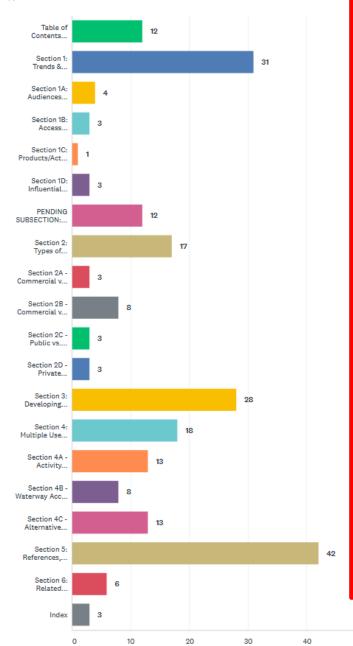
- 1. Review the Table of Contents (5-7-20 version) with survey results and recommend revision if needed. *Input needed before end of August 2020 (Risa -*
 - Is there a significant group categorized among the "Other" government responders whose input can change the priorities (e.g., Boating Educators)? (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



50

ANSWER CHOICES ▼					
▼ 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					