

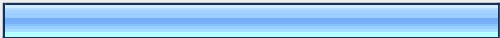
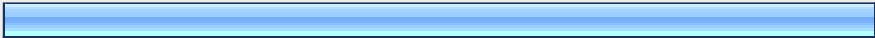

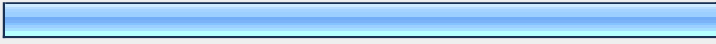
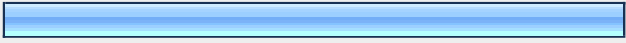





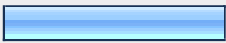
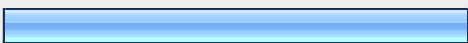


Coastal Access Survey

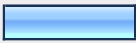
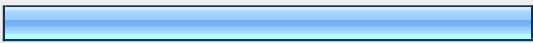
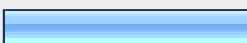
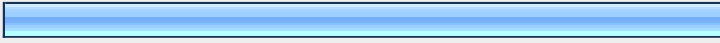
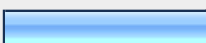
1. Participant Information			
		Response Percent	Response Count
Virginia Zip Code*		100.0%	214
Primary City/County/Town to which your answers refer:*		100.0%	214
Other Virginia towns/counties where you seek coastal access:		54.7%	117
		<i>answered question</i>	214
		<i>skipped question</i>	0

2. Is access to the waterways of the Middle Peninsula and other Chesapeake Bay coastal beaches and waterways a concern to you?			
		Response Percent	Response Count
Yes		96.3%	206
No		3.7%	8
		<i>answered question</i>	214
		<i>skipped question</i>	0

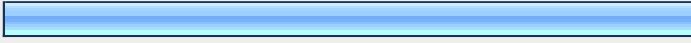
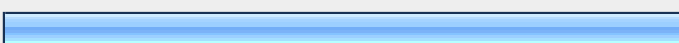
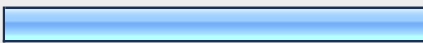
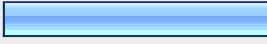
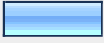
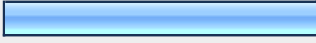
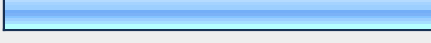
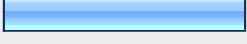
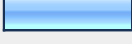
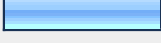
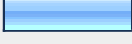
3. Please indicate which category(ies) best describes you (check all that apply)

		Response Percent	Response Count
Private or recreational boater		78.8%	160
Private or recreational angler		68.5%	139
Other private or recreational user		29.1%	59
Tour business or charter operation owner/employee		3.0%	6
Other water-dependent business owner/employee		8.4%	17
Waterfront land owner		36.5%	74
\$0- \$50,000 Household income		12.3%	25
\$50,001-\$75,000 Household Income		24.1%	49
\$75,000 + Household income		51.2%	104
		<i>answered question</i>	203
		<i>skipped question</i>	11

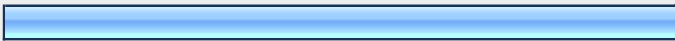

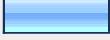

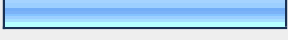
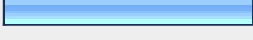
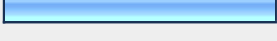
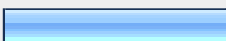

4. What do you see as the biggest threat to access to the waterways of the Middle Peninsula and the Chesapeake Bay by the public? (check all that apply)

		Response Percent	Response Count
Sea level rise (meaning that beaches and access points will become submerged under water)		14.3%	29
Loss or conversion of existing access sites to private ownership		58.1%	118
Coastal destruction due to storms and other hazards		26.6%	54
Overall lack of public water access sites		79.3%	161
Other (please specify)		22.2%	45
		answered question	203
		skipped question	11

5. How do you primarily use the waterways or shorelines of the Middle Peninsula and the Chesapeake Bay? (check all that apply)

		Response Percent	Response Count
Fishing		76.1%	153
Boating		74.6%	150
Swimming		46.3%	93
Sun-bathing		28.9%	58
Hunting		10.4%	21
Walking		34.3%	69
Canoe/kayak		47.3%	95
Sailing		26.4%	53
Birding		13.9%	28
Public Fishing Pier		16.9%	34
Other (please specify)		13.9%	28

	<i>answered question</i>	201
	<i>skipped question</i>	13

6. What specific conditions(s) are you most concerned about? (check all that apply)			Response Percent	Response Count
Lack of boat ramps		74.1%	149	
Lack of beach access		70.1%	141	
Lack of commercial fish houses		11.4%	23	
Lack of charter boat activity		5.5%	11	
Lack of safe swimming areas		30.8%	62	
Lack of public municipal slips		27.4%	55	
Lack of public fishing piers		29.9%	60	
Lack of public or private boat slips for transient (short-term) use		24.4%	49	
Other (please specify)		14.9%	30	
	<i>answered question</i>	201		
	<i>skipped question</i>	13		

7. Public Boat Ramps Rank in order from 1 (biggest problem) to 6 (smallest problem). If you have no opinion, skip to the next question.

		Response Average	Response Total	Response Count
Ramps are closing or being replaced for carry-on boats		4.11	547	133
Ramp sites lack adequate parking		2.55	411	161
There is not enough local and/or regional access		1.72	287	167
Local users have been replaced by visitors		4.32	613	142
Ramp conditions are deteriorating and not being improved		2.83	430	152
The wait time at ramp is too long or multiple ramps needed		3.95	557	141
	<i>answered question</i>			176
	<i>skipped question</i>			38

8. Public Beaches/Swimming Rank in order from 1 (biggest problem) to 5 (smallest problem). If you have no opinion, skip to the next question.

	Response Average	Response Total	Response Count
Public access sites lack parking	2.51	392	156
Parking is too expensive at access sites	4.39	580	132
Traditional, historical (publicly owned or privately available that served as "public") access has been replaced by private homes/businesses	2.56	404	158
There are not enough officially marked beach access sites	2.18	351	161
Lack of public facilities (rest rooms, trash pickup, security etc)	2.78	445	160
	<i>answered question</i>		175
	<i>skipped question</i>		39

9. Public Fishing Piers and Fishing from Shore Rank in order from 1 (biggest problem) to 4 (smallest problem). If you have no opinion, skip to the next question.

	Response Average	Response Total	Response Count
Have been destroyed in storms	2.58	279	108
Have turned to private ownership or private owners now forbid fishing use	2.28	255	112
Have been removed for private development	2.03	217	107
Was never available	2.28	244	107
	<i>answered question</i>		133
	<i>skipped question</i>		81

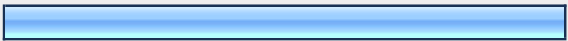
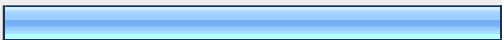
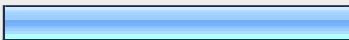
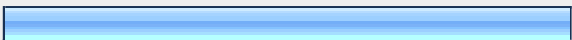
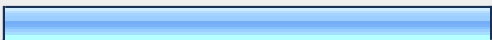
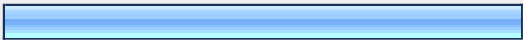
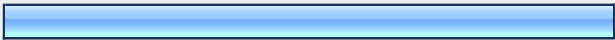


10. Boat Slips Rank in order from 1 (biggest problem) to 4 (smallest problem). If you have no opinion, skip to the next question.

		Response Average	Response Total	Response Count
Have been turned into private condo-related slips		2.25	173	77
Have been priced above market value		1.88	156	83
Are being demolished		2.84	196	69
Are not available		2.05	170	83
			<i>answered question</i>	97
			<i>skipped question</i>	117







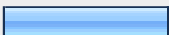
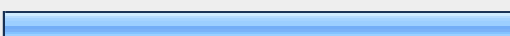
11. Commercial Seafood Houses (Working Waterfront) Rank in order from 1 (biggest problem) to 3 (smallest problem). If you have no opinion, skip to the next question.







		Response Average	Response Total	Response Count
Are being replaced by private development		2.04	204	100
Property tax is too high for watermen to retain the property		1.89	193	102
Not enough catch for watermen to make a living		1.70	199	117
			<i>answered question</i>	121
			<i>skipped question</i>	93

12. What tools do you think your county or local government should investigate to protect public access to the waterways of the Middle Peninsula and Chesapeake Bay? (Check all that apply.)

		Response Percent	Response Count
Transfer of development rights (protect key sites from development or conversion)		62.0%	114
Public financing dedicated to working waterfronts or public access		54.9%	101
Fees or other taxation options (for special projects like dredging, new boat ramps, or land acquisition)		38.0%	70
Zoning (to protect and manage land and water uses)		62.5%	115
Encouraging private donations (land and funding) for the protection of public access		53.8%	99
Working with property owners to save working waterfronts through easements or other partnerships.		57.1%	105
Developing laws and regulations for the protection of public access		67.4%	124
Don't know		3.8%	7
Other (please specify)		9.2%	17
		answered question	184
		skipped question	30

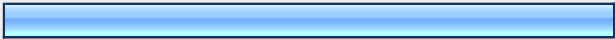

13. Does your county or local government do any of the following? (Check all that apply.)


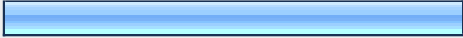
		Response Percent	Response Count
Track public and private access (maps and information available for public use)		27.7%	51
Have information online dedicated to public access issues		20.7%	38
Educate the public on access issues		12.5%	23
Fund capital investments such as public wharves		26.1%	48
Fund research on causes for diminishing access		3.8%	7
Establish legislation for protecting access		4.9%	9
Facilitate community planning that addresses multiple uses of waterways		17.9%	33
Don't know		56.0%	103
		<i>answered question</i>	184
		<i>skipped question</i>	30

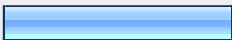

14. If fees were instituted for the use and maintenance of public access sites, which of the following should be included?			
		Response Percent	Response Count
A pass system for annual or seasonal use		63.6%	117
One-time use fee		33.7%	62
Higher fee for non-local residents		44.0%	81
Higher fee for out-of-state residents		44.0%	81
Fee based on parking only		16.8%	31
Don't know		11.4%	21
		answered question	184
		skipped question	30


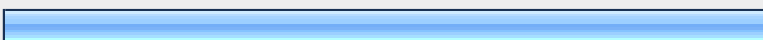
15. What would your preferred type of public access be? Rank in order from 1 (most preferred) to 3 (least preferred)				
		Response Average	Response Total	Response Count
Boat ramps with adequate parking for multiple users		1.65	293	178
A network of access sites for paddling (car-top use only with limited parking)		1.97	351	178
A network of very small, special purpose access sites (for birding, community access by foot, or hand-carried watercraft only)		2.33	415	178
			answered question	178
			skipped question	36

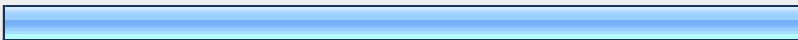
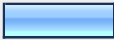
16. If you have another preferred type of public access, please describe.		
		Response Count
		37
<i>answered question</i>		37
<i>skipped question</i>		177

17. Would your favorite public access site benefit from dredging?			
		Response Percent	Response Count
No		67.4%	120
Yes (please describe location)		32.6%	58
<i>answered question</i>			178
<i>skipped question</i>			36

18. Would you consider paying for a dredging project that benefits your use of the water?			
		Response Percent	Response Count
Yes		49.4%	88
No		50.6%	90
<i>answered question</i>			178
<i>skipped question</i>			36

19. Would you consider allowing a public water access site on your land?			Response Percent	Response Count
Yes			25.0%	33
No			75.0%	99
			Why or why not?	99
			answered question	132
			skipped question	82

20. Would you consider selling, leasing, or receiving some other compensation in exchange for creating public water access on your land?			Response Percent	Response Count
Yes (Please call 804-758-2311 to discuss further)			15.8%	18
No			84.2%	96
			Why or why not?	70
			answered question	114
			skipped question	100

21. Are you a boater?			Response Percent	Response Count
Yes			88.1%	156
No			11.9%	21
			answered question	177
			skipped question	37



22. How far do you typically drive to launch your boat?

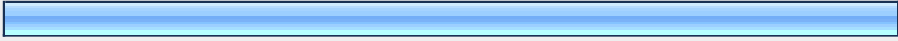
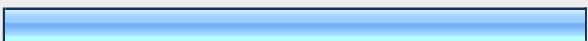

		Response Percent	Response Count
Less than 5 miles		28.8%	45
5-15 miles		29.5%	46
15-30 miles		15.4%	24
30-60 miles		4.5%	7
60 miles or more		5.8%	9
Don't drive to launch my boat		16.0%	25
		answered question	156
		skipped question	58



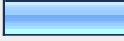
23. How do you gain access to the water?

		Response Percent	Response Count
I lease or own a boat slip		23.1%	36
I lease dry storage for my boat		3.2%	5
I have direct private access		30.1%	47
I trailer my boat from my primary residence		64.7%	101
I trailer my boat from another location (describe)		4.5%	7
		answered question	156
		skipped question	58

24. Have you lost access to a boat ramp in the past 5 years?			Response Percent	Response Count
No			75.0%	117
Yes			25.0%	39
If yes, where? What caused the loss?				34
			answered question	156
			skipped question	58

25. Do you ever pay to launch your boat?			Response Percent	Response Count
No			39.7%	62
Yes			60.3%	94
If yes, how much do you typically pay?				87
			answered question	156
			skipped question	58

26. Where would you like to see a new public boat ramp? (Optional)			Response Percent	Response Count
Body of water			98.8%	80
Closest street/route and general location			64.2%	52
Second location site			43.2%	35
			answered question	81
			skipped question	133

27. What is the more important priority to you? (Check one)			Response Percent	Response Count
Improvement of existing public boat ramps and parking			34.6%	53
Construction of new public boat ramps and parking			52.3%	80
Other (please specify)			13.1%	20
		<i>answered question</i>		153
		<i>skipped question</i>		61

28. You have completed the survey. Thank you for your time. If you'd like to submit additional comments, please use the box below.			Response Count
			46
		<i>answered question</i>	46
		<i>skipped question</i>	168