Social and Economic Survey

Introduction

Thank you very much for taking the time to fill out this survey. Included in this package you will find:

- 1) A set of Social and Economic Survey Questions designed for Northeast fishermen.
- 2) A stamped and addressed envelope for returning the completed questionnaire.

This is a sample set of questions from a variety of surveys that researchers have used in the past in order to learn more about how management affects fishermen and their communities. Many of the questions that follow ask you how to get better information from fishermen and ask you for your ideas for better questions. Other questions ask your opinion on topics that are important to you. Your collaboration in this research is appreciated. All information you provide will be kept confidential. Any public release of results, for example, to fishermen, will be in only a very summarized form, making it impossible for you to be identified. The survey is divided into six sections:

- 1. Households and Communities
- 2. Expenditure Impacts of Fishing Industry in New England
- 3. Fishing Business Practices
- 4. Management and Enforcement
- 5. Capacity and the Future
- 6. Fishing Family Assistance

NOTE: This questionnaire should be completed only by a person identified by the owner of a vessel which participated in the first or second round of the Disaster Relief program.

If you would like to speak to someone about how to complete the survey call the following number at the Northeast Regional Office. (978) 281 9399.

If you have any questions for Italian language interpretation please call Angela Sanfilippo or Nina Groppo at the Gloucester Fishing Family Assistance Center - (978) 283-2504.

If you have any questions for Portuguese language interpretation please call Rodney Avila at the New Bedford Fishing Family Assistance Center - (508) 979-1791.

Please enter your?	Multisped	cies Grou	ndfish Pe	ermit Nur	nber	

Please Print your Name:	
Please sign your name here:	
Your Address:	
Telephone Number:	
Name of Vessel whose owner	identified you as a crew member (Captain or Mate, etc.)
What is this Vessel's Multisp	ecies Groundfish Permit Number?
	Instructions
Please enter the Mult whose owner identifie the bottom of each an	ispecies Groundfish Permit number of the vessel ed you as a crew member in the space provided at swer page.
Please return all of the number. Please use you!	the answered pages which contain that permit the stamped and addressed envelope - thank
Please enter your Multispecies	Groundfish Permit Number

Households and Communities

Section 1 asks questions about household and community topics. By looking for patterns across all fishermen, we can see how different communities or other groups may be affected by management decisions. *Please use check marks and fill in with more information if appropriate.* We appreciate your sharing your knowledge and experience.

 1a. Many surveys ask fishermen to identify your race/ethnicity (e.g. Italian, Norwegian, Portugese, etc). This information can be important, since crews and work patterns are often based on ethnicity. Would a question about your ethnicity be too personal to ask in an interview? aN (please go to #2) bY (please go to #1b)
 1b. If yes, how could such a question be improved? a By providing an explanation like the one above b By wording the question in a different way. Please give an example of a question you would feel comfortable with
c By omitting the question completely d Other (please explain)
2a. Social researchers often ask fishermen questions about what school grade they finished. This helps us know more about your background and let's us better understand the people who make their living from fishing. Would asking for your education level be too personal in an interview setting? a N (please go to # 3) b Y (please go to #2b)
2b. If yes, how could such a question be improved? a By providing an explanation such as the one above b By wording the question in a different way. Please give an example of a question you would feel comfortable with
c By deleting the question entirely d Other (please explain)
3. How long have you been in commercial fishing (including party/charter)? years
4. What has your career history in fishing been? (for example, began as deck hand for ten years, currently first mate for last two) Please include your present position on the boat.
Please enter Vessel's Multispecies Groundfish Permit Number

If	so, where d	oes/did he	live?		N b. Y	
					C.	
industry o	r fishing-re	lated work	. Please s	tart with your	_	e involved in the fishing Please write "minor" in ed.
	Relation to you	Gender	Age	Involved in fishing work?	What type of fishing-related work?	Or other Occupation (or retiree, student unemployed, etc)
	SELF			Y or N		
				Y or N		
				Y or N		
				Y or N		
				Y or N		
				Y or N		
7b. Do the aY	ese question b	as adequate N If No, p	ly captur blease exp	e your family' plain further belong to any		izations?
Please	enter Vessel's	Multispecie	s Groundfi	sh Permit Numbo	er	

8b. Have you participated in any fishing organizations' activities or meetings on a regular basis? a N bY. If so, what activities have you participated in?
8c. Do you feel these groups represent fishermen's interests? a N If not, why not?
b Y If so, do they do it well?
8d. Do you feel these groups represent your interests as a crew member? a N If not, why not?
b Y If so, do they do it well?
9a. Surveys often ask about earnings in order to determine whether or not a management measure has the same impact on fishermen of different income levels. Would asking you for your income be too personal in an interview setting? a N (please go to # 10) b Y (please go to # 9b)
9b. If yes, how could such a question be improved? a By providing an explanation such as the one above b By wording the question in a different way. Please give an example of a question you would feel comfortable with
c By deleting the question entirely d Other (please explain)
10. Have the fishermen in your household ever worked outside the fishing industry? a N
11. What percent of your household's total annual income comes from all aspects of the fishing industry? %
12a. Would a question about the level of your household indebtedness (for example, as a percentage of your household income) be too personal to ask in an interview setting? a N (please go to # 13.) b Y (please go to #12b)
Please enter Vessel's Multispecies Groundfish Permit Number

12b. If yes, could such a question be improved by:	
a Providing an explanation such as the one above	
b Wording the question in a different way. Please give an example of a question you would feel comfortable with	u
would feel comfortable with c Deleting the question entirely	_
d Other (please explain)	
u Other (preuse explain)	-
13. How long have you lived in the town you live in now? years	
14a. Do you consider this town a fishing community? a N b Y	
14b. Why or why not?	_
15a. Do you consider this town a community which is dependent on the fishing industry? a N	_
15b. Why or why not?	_
	_
16. Would you have to move out of your town if fishing became more difficult because of more regulations? a N b Y	
17. What else might you be able to do in your town if you were not fishing?	-
19. Do you or any household members participate in community organizations?	_
18. Do you or any household members participate in community organizations? a N b Y If yes, can you describe them and what you do with them)
	—
19. We would like to know if the questions above gave you a chance to identify your communit describe its relation to the fishing industry. Are there other questions we should have asked?	– y and –
	_ _
	_
Please enter Vessel's Multispecies Groundfish Permit Number	

Expenditure Impacts of Fishing Industry in New England

The fishing industry is not isolated from the rest of the New England economy. How fishermen and coastal communities are impacted by fishery regulation requires information about where captain and crew income is spent.

Information on what fishing businesses buy helps us understand what other types of shore-side businesses may be affected when fishing conditions change. Knowing where these businesses are located and where captain and crew live helps us understand how economic impacts are spread throughout the New England coastal region.

On the next page you will find a map of New England with several different coastal subregions identified along with towns and cities for reference. Each subregion has been identified with a number and a name. For example, subregion 2 has been called the "Upper Mid-Coast region of Maine." Altogether there are 11 coastal subregions for New England, one non-coastal region for the entire inshore part of New England (region 12), and one region for everything outside New England (region 13).

Following the map is a table for recording the home region of your vessel, where you live, and where you spent whatever you didn't save of your 1999 income. If you spent your money in several regions, try to give approximately what percent you spent in each. For example, if you operate out of Portland, Maine, then in 1999, 50% of whatever you spent of your income may have been spent within the Lower Mid-Coast region, 25% in Southern Maine, 15 % in the Gloucester/North Shore region and 10% perhaps in Culebra, Puerto Rico (the percentages should sum to 100). **Please use a best guess.**

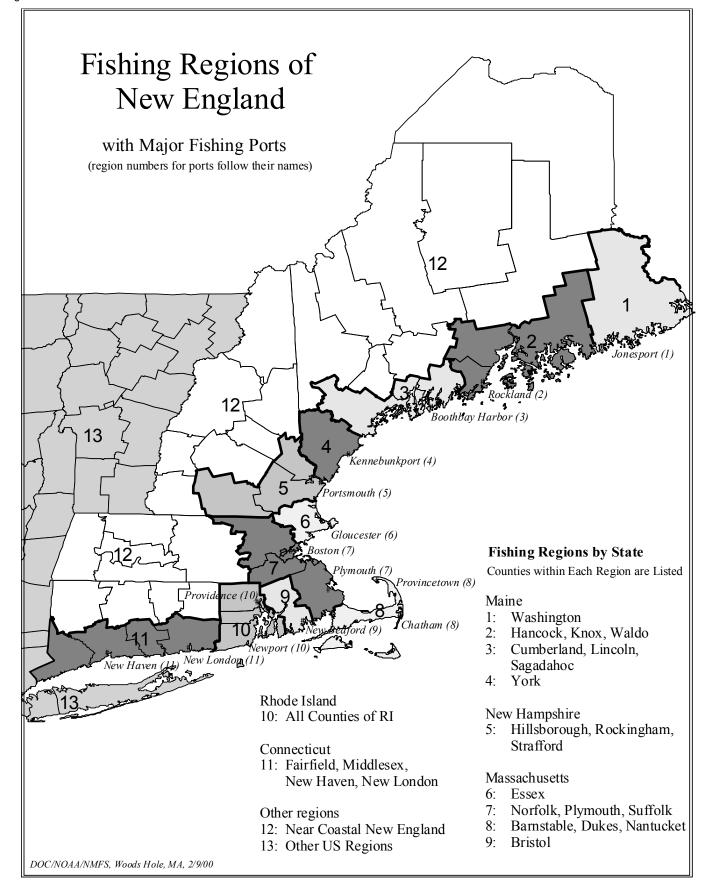


Table 1	Downeast Maine	Upper Mid-Coast Maine	Lower Mid-Coast Maine	Southern Maine	New Hampshire Coast	Gloucester/North Shore	Boston/South Shore	Cape and Islands	New Bedford Area	Rhode Island	Connecticut Coast	Non-Coastal New England	Outside New England
Region Number	1	2	3	4	5	6	7	8	9	10	11	12	13
Check regions for next questions													
Example				1									
1. Vessel Home Port													
2. Your Home													
Percent breakdown of spending													
Example			50	25		15							10
3. Of 1999 Income spent, it went here.													

4.	Hav	e area	a closu	res or o	other re	gulations changed where you spend your income?	
		a	_ N	b	Y	If yes, what regulations and what have you changed?	

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Fishing Business Practices

Over the past five years fishery regulations have significantly impacted fishing practices. This section seeks to find out what adjustments fishermen have made. Some questions look at how these changes impact the family as well. *Please use check marks and fill in with more information if appropriate.*

Я	d
b.	d e.
C	e f
	that you know well work on or own vessels which have all of d operating order on board their vessels?%.
3. How many boats did you worked o	on in 1999? boats
4a. Is this about the same number of a Same b More than usual. Up c Went down by	boats you usually work on in a year? by (please fill in) (please fill in)
	w member of one boat? aN bY boat that you want to crew on? aN bY
	poat?
7. What makes a boat the kind you w	ould like to work for (e.g. one that catches a particular species ain or owner, one with a good safety record etc.)?

a N (If not, what causes the crew to change?) b Y (If so, what accounts for the loyalty of crew to that particular boat?) Do you think crew members generally come from families with a history of fishing? a N (If not, why?) b Y (If so, why?)	
b Y (If so, why?)	
a N (If not, why?) b Y (If so, why?)	
a N (If not, why?) b Y (If so, why?)	,
a N (If not, why?) b Y (If so, why?)	
b Y (If so, why?)	
b Y (If so, why?)	
o you think that crew members ought to come from families with a history of fishing?	
a N (If not, why?)	
b Y (If so, why?)	
0 1 (11 50, why :)	
Do you have any say in how long your boat stays out fishing?	
a N b Y	
Is this amount of time away from home different than it was five years ago?	
a N b Y (If so, please indicate whether time away from home has increased decreased, and the impact on you	or
decreased, and the impact on you	
	_

_	a paid for your work on the boat (for example, lay system, hourly wages, piece
2b. Has this cha	anged at all from the way it was five years ago? a N b Y (If so, how
3a. Do you wan	t to own your own boat in the future? aY bN
	k you would be able to able to own your own boat if you wanted to? aY I. If no, why not?
	xpectations about owning a boat in the future changed over the past 5 years? bY If yes, why?
4. What other q	uestions should crew be asked to get at how regulations have affected them?
	uestions should crew members be asked to show the differences between being nd being a vessel owner?
	crew members should be licensed? aN bY. If yes, what uld you make for getting a license?
 16. Do you think	crew members should be licensed? aN bY. If yes, what

Management & Enforcement

The following questions ask what you think, as a fisherman, about the fisheries management process, about the use of social, biological and economic information in that process, about the role of fishermen in the process, and about enforcement issues. We also want to know what information you feel is important for managers to understand about fishermen's roles in enforcement and fisheries management, and which management measures you view as effective. *Please use check marks and fill in with more information if appropriate*.

1. Do y	el you understand the Council/Committee management system? _ N b Y . If no, what isn't clear?	
-	eel your views get expressed or represented (if not adopted) in the Council a management process? a Y b N . If no, why don't they get represe	
in writi	n do you express your views to the Council or a Committee of the Council in power a year? Never b Seldom c Frequently	person o
-	ink you have a basic understanding about fish population dynamics? _ N	
	you think fishermen want to know about fish population dynamics/biology that y know?	it they
	el you know the important laws (like the Magnuson Act) that guide the fisher t process? a N b Y	ries
	you think fishermen want to know about the laws that apply to fisheries t?	

8. Do you think you know how economic information is used in the management process? a N b Y
9. What do you think fishermen want to know about how economic information is used?
10. Do you know how social/cultural information is used in the management process? a N
11. What questions do fishermen have about how social/cultural information is used?
12. Do you think fishermen generally want to comply with regulations? a N b Y
13. Do you think most fishermen know how to improve enforcement? a N b Y
14. What questions should be asked to fishermen to give them a chance to tell how to improve enforcement?
15. Do you feel there is adequate fisheries enforcement <u>at sea</u> in the areas where you fish? a N
16. Do you feel there is adequate fisheries enforcement <u>at the dock</u> where you land your catch? a N
17. What percentage of the enforcement in the groundfish fishery is carried out by fishermen themselves without the help or knowledge of enforcement officers? (Check the one that most applies)
a None

Please enter Vesse	el's Mult	Multispecies Groundfish Permit Number					

18. Please est	imate to the best of you	ır ability, wha	at percent	of com	mercial fishe	rmen us	ually or
always COM	PLY with the groundfis	sh laws and re	egulations	? (Chec	k the ONE	category	y that is
closest to you	ır answer)						
 a.	Zero %	b. 1-4	%	c.	5-9%	d.	10-24%
e	Zero % _ 25-49% _ 95 - 98%	f. 50 -	74%	g.		h	90-94%
i	95 - 98%	i. 99 -	100%	<i>-</i>			
		J					
19 Please es	timate as best you can,	what percent	of comm	ercial fi	shermen frec	mently V	/IOLATE
	h laws and regulations?						
a grounding	Zero %	h 1-4	%	c C	5-9%	d d	10-24%
u	Zero % _ 25-49% _ 95 - 98%	f 50 -	7/10/2	σ	_5	h	00-04%
i	_ 25-47/0	i 00	100%	ğ	73 - 07/0	11	
1	. 93 - 90/0	J 99 -	100/0				
20 What mans	ant aftha mana ann an	t mastinas (C	ر ما انمسیرما	Cammi	400 on A desig	aa.?	tin as) 4h a4
_	cent of the management			Commi	tee or Advis	ors mee	etings) that
you would lil	ke to attend are you ab	ole to get to?	%				
	1 0 11 1	1 001					
	the following general to						effective in
_	ing mortality? Please						
a	Days At Sea (DAS) li	imits	d	Mesh s	ize regulatio	ns	
b	Large and long closed Short term closed area	d areas	e	Trip Li	mits		
c	Short term closed area	as	f	Overall	TAC		
22. Which of	the following general to	ools of fisher	ies manag	ement o	lo you feel a	re most o	difficult
	o adjust to? Please Ra		_		-		
-	Days At Sea (DAS) li			-			
	Large, long-time clos						
	Short term closed area					\sim	
·	. Short term crosed area	us	1	Overan	Quota (111)		
23 Which of	the same tools are hard	lest on incom	e? Please	Rank	Most impa	rt on net	t income =
	pact on net income = 6		c. i icasc	ixank.	wiost impa	ct on ne	income
			d	Magh g	iza ragulatia	na	
a	Days At Sea (DAS) li Large and long closed	111111111111111111111111111111111111111	u	Trin I	ize regulatio	115	
c	Short term closed area	as	ī	Overall	IAC		
24. If you cou	ald manage fisheries, w	hat would yo	u do diffe	rently a	nd why?		
Dl.	. 17 12. M. 1.' C	10:-1. D	NT1.				
Piease enter	Vessel's Multispecies Gro	oundrish Permit	number	 1			
	i l	1 1	ı				

Capacity and the Future

These questions ask for your views on fishing capacity and its impact and ask for your ideas about the future of fishing. <i>Please use check marks and fill in with more information</i> .
1. Do you think the current permit system reduces flexibility for fishermen? a N b Y
2. Do you think the permit system could be changed to increase flexibility without increasing the pressure on stocks? a N b Y If Yes, how do you think it could be done?
3. Do you see advantages to more local control of fishing capacity and/or effort such as with lobster management by zones in Maine? a N (go to #4) b Y If yes, what are the advantages?
4. If no, why do you think there would be no advantage?
5. Can you think of any existing groups or organizations that could play that kind of role, or would new groups or organizations need to be started? a Existing group(go to #6) b Need new group (please go to #7) c Won't work anyway.
6. What group or kind of group?
7. If you answered (b) a new group, what would it look like?
8. Can you think of a way to "bank" capacity until stocks recover? a N b Y If yes, how?
9. Do you think there is too much active capacity now for stocks to recover without more regulations? a N b Y
10. Do you think there will be too much active capacity for stocks to stay recovered when they do come back? a N b Y
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1. What questions do fishermen want to be asked					
2. If you were not fishing, what do you think you a. Much less b. Less c. San	could be	earning?	,		
3. What would that job be?					
4. Would you advise young people to go into the	fishing in	ndustry?	a N	b	Y
5. If yes, what job in the industry?					
6. What other questions do you think fishermen vor themselves, their family's role in fishing, or the	e industry	/?			
7. Please indicate if you agree or disagree with this region in the future:	he follow	ing list o	f possible	goals for fi	sheries in
	Strongly Agree	Agree	Neutral	Disagree	Disagree
 a. Most economic benefits to the nation b. Harvest capacity matched to resources c. Unlimited entry in any fishery d. New entrants limited to numbers exiting e. Secure places for existing fishermen with opportunities not reduced by new entrant f. Maximum benefits to the community g. Maximum possible number of fishermer h. Maximum possible number of fishing jobs the resource can support 	ts				
8. What other goals do you strongly support?					

Fishing Family Assistance

These questions ask about your involvement and views on Fishing Family Assistance Programs in general and about other programs aimed at helping fishermen and their families. Your suggestions for making these programs as useful as possible is invited. *Please use check marks and fill in with more information if appropriate.*

1. Are you aware of Fishing Family Assistance type Programs? a N b Y
2. If yes, how did you become aware?
3. Have you ever used any of these programs? a N b Y
4. If yes, what is your opinion of them?
5. If no, why haven't you used them?
6. What do you think are the best ways to inform fishermen about the kinds of job training programs available to them?
7. What type of training/services would you like to see offered through these centers to fishermen experiencing a decline in fishing activity/income?
8. What kind of employment/career would interest you if fishing couldn't support you and your family?
9. What services could Centers like this offer to fishermen who want to continue to fish?
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10. Would you use a Center that provided free Internet access, free computer use for resumes, and
want ads, etc? a N b Y
11. Are you planning to stay in fishing? a N b Y
12. How many generations of your family have been involved in the fishing industry?
13. Were you fishing in 1994? a N b Y
14. Would you be interested in participating in a fishermen's round-table (discussion group, meeting) on gear conflict, new gear and technology, or some other topic? a N
15. If yes, what topics?
 16. Would you be interested in attending a career orientation workshop? a N b Y 17. Do you have health insurance? a N b Y
18. Do you need assistance in preparing any of the following? Check any that apply a Loans or credit availability c Setting up a new business b Bankruptcy/ foreclosure d Other
19. What other kinds of assistance or training programs do you think fishermen should be asked about?
Thank you very much for your time and effort!
Please return the answer sheets by using the stamped
and addressed envelope.

Please enter Vessel's Multispecies Groundfish Permit Number