

Pacific Coast Groundfish Fishery

Social Survey

Post Catch Shares

2014/2015 Version



Sponsored by:

NOAA Fisheries (National Marine Fisheries Service)
Northwest Fisheries Science Center
Human Dimensions Program

Questions?

Please Contact Suzanne Russell, NWFSC Social Scientist
Phone: (206) 860-3274
Email: NWFSC.Study@noaa.gov

OMB Control No.: 0648-0606

EXPIRATION DATE: XXXXXXX

This survey is voluntary.

ALL RESPONSES ARE CONFIDENTIAL

SURVEY INFORMATION

WHAT IS THE PURPOSE OF THE STUDY? This study aims to collect social and cultural information from those participating in any aspect of the Pacific Coast Groundfish Fishery. The study collected baseline data in 2010 to generate a description of the people in the industry before the 'individual fishing quota' program was implemented. After implementation we will repeat the study at various intervals. We can then compare the results from each data collection effort to update the baseline data on the industry, and better understand any changes or social impacts that have occurred in the industry.

WHO IS CONDUCTING THIS STUDY? This study is being conducted by the Human Dimensions Program at the Northwest Fisheries Science Center (NWFSC), National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA). This program researches people within ecosystems. This means we study human society as it relates to marine resources, inclusive of commercial fishing.

HOW IS THIS STUDY FUNDED? This project is funded by the NOAA Fisheries Office of Science and Technology, Economics and Social Sciences Program, provided to the Human Dimensions Program, Conservation Biology Division, NWFSC, NMFS, NOAA.

HOW WILL THIS STUDY BE USED? The information collected in this study will be used to understand the impacts of fishery management measures, and to inform fishery management in the future. The information will be publically available. It will also serve to meet regulatory requirements, including, for example, regulations concerning information about fishing communities in the Magnuson-Stevens Fishery Conservation Act National Standard 8 and those concerning minorities and environmental policy in Executive Order 12898 – the Environmental Justice Initiative.

HOW IS THIS SURVEY ORGANIZED? The survey is organized into seven parts; demographics, individual participation, connections, quota perspectives, quota share allocation recipients/mangers, a section for fishermen/harvesters, and a section for buyers/first receivers and processors. The questions allow us to better understand all of the components of the fishery and how they function and are connected.

WHO DOES THIS STUDY INCLUDE? This study includes former trawl limited entry permit holders, quota share holders, quota share allocation recipients, vessel owners, vessel captains/operators, crew, processors, buyers/first receivers, industry suppliers and service providers, fisherman's wives/partners/spouses and others who participate in aspects of the Pacific Coast Groundfish fishery.

HOW LONG WILL IT TAKE? This survey takes most people 45 minutes to complete.

ARE MY ANSWERS CONFIDENTIAL? This is a confidential survey. Analysis of the survey results will be anonymous and/or aggregated. Information in this survey will be subject to the confidentiality requirements of the National Marine Fisheries Service, and will not be provided or presented in any way as to identify individual respondents. Please see next page for more information.

DO I HAVE TO PARTICIPATE? Your participation and input is **VERY** important and will help us to better understand the unique opportunities and challenges of this fishery. However, this is a **voluntary** survey and you may choose to skip any question or end at any point in the survey.

HOW WAS MY NAME OBTAINED? Depending on your role in the industry, your name was obtained through ownership of a vessel, websites, through your employer, or through third party referrals.

Thank you for your participation!

Please contact Suzanne Russell, NWFSC Social Scientist for more information.

Contact information: NWFSC.Study@noaa.gov, or by phone: (206) 860-3274

Filled out by survey administrator

Code number: _____ Name of survey administrator: _____
 Survey Location: _____ Date: _____
 Research Community: _____ Trawl/Fixed/Other _____
 Notes: _____

SURVEY INSTRUCTIONS

All answers given in this survey should reflect YOUR OWN perception of the commercial fishing industry based on your personal experience and knowledge.

- Please ask questions at any time. Feel free to ask the researcher who is working with you or contact Suzanne Russell at 206-860-3274, NWFSC.Study@noaa.gov.
 - Please follow directions carefully.
 - Please **DO NOT** write your name anywhere on this survey, only on the blue form provided.
 - Please mark one answer per question unless otherwise specified. Please write clearly.
 - If you are unable to answer the question or it does not apply to you, please make sure to select the '*do not know*' or '*not applicable*' box from the options provided.
 - If you chose to **not** answer a question for any reason, please write a notation next to the question in the margin if an appropriate option (ex. Not applicable) is not provided in the question.
 - Please mark boxes clearly.
- In electronic survey versions, check boxes can be selected and unselected with a click of the mouse.
- If you mark an answer incorrectly, please draw a horizontal line through the incorrect answer and check the correct answer.

THANK YOU FOR YOUR TIME AND PARTICIPATION

EXPLANATION OF CONFIDENTIALITY

The information you provide will be kept confidential to the extent possible per the Magnuson-Stevens Fishery Conservation and Management Act (as amended) Sec 402(b) and NOAA Administrative Order NAO 216-100, Protection of Confidential Fisheries Statistics. In addition, in the event of a Freedom of Information Act (FOIA) request, we will protect the confidentiality to the extent possible under the Exemption 4 of the FOIA. To support the confidentiality of this research the following processes are in place:

- Your name will not be included on the survey document. It will be tracked in an alternate document to reduce duplication, to account for your participation in the survey, and code your name as needed for the data analysis. Access to this document will be limited to researchers working on this study and protected via confidentiality agreements.
- All personal names provided on the survey document as answers to questions, will be viewed only by the study researchers. The names will either be coded with a descriptor such as 'X Community Fisherman' or assigned a code such as 'A1' as an identifier. The type of code that will be applied to the data for each applicable question may vary based on the question itself or the associated analysis of question.
- As researchers write final reports and publish the findings of this research, your responses will be combined with responses from other participants so that no single individual may be identified.

Section Completion Guide

Please see the following table for guidance on which survey sections to complete. Anyone can complete any of the survey sections; this information is simply provided for your assistance.

- = Please complete all sections that are marked with this symbol
- = Sections marked with this symbol are optional based on your knowledge of the subject.

Industry Role	Sections						
	A	B	C	D	E	F	G
Fishermen	■	■	■	■	□	■	
At-Sea Mothership and/or Catcher Processor Owner and/or Operator	■	■	■	■	■	■	■
At-Sea Mothership Employee	■	■	■	■			□
At-Sea Catcher Processor Employee – Fisherman	■	■	■	■		■	
At-Sea Catcher Processor Employee – Processing Role	■	■	■	■			□
At-Sea Mothership/Catcher Processor Employee – Other Role	■	■	■	□			
Shoreside Processor Owner and/or Operator	■	■	■	■	□		■
Shoreside Processor Employee	■	■	■	□			□
Buyer/First Receiver	■	■	■	■			■
Fisherman’s Wife/Partner	■	■	■	■	□	□	
Industry Supplier of goods or services	■	■	■	□			
Other Business Operations	■	■	■	□			
Observer	■	■		■		■	

For further clarification, the following table is provided to define the terms used in the table above.

Industry Role	Description
Fishermen (Harvester)	Existing (from 2011 catch shares implementation) & New (after 2011) Quota Share Permit Owners Quota allocation recipient (2011 original recipient) Vessel Owners Vessel Account Owners Captains/Operators Crew
Buyer/First Receiver	As defined in next section
Shoreside Processor	Those working for processors permanently fixed on land
Industry Supplier of Goods or Services	Net suppliers, gear suppliers, equipment suppliers, fuel, shipyards, various repair services, etc.
Other Business Operations	Any individual who is active in other activities that provide services or other support utilized by fishery participants such as harbormasters, accounting, business management, etc., but does not clearly fall into the other roles identified. For example: a business partner who may not be an owner.

SURVEY DEFINITIONS

The following definitions are for the application to this survey only. Where possible, these definitions have been derived from definitions found in associated fishery management documents¹.

AT-SEA PROCESSOR: An operation conducting processing that takes place on a vessel or other platform that floats and is capable of being moved from one location to another, whether shore-based or on the water.

BUYER/FIRST RECEIVER: A person(s) or organization(s) who receives, purchases, or takes custody, control, or possession of commercially caught fish onshore directly from a vessel.

CATCH SHARE PROGRAM: Not defined in MSA. A catch share program is a generic term used to describe fishery management programs that allocate a specific percentage of the total allowable fishery catch or a specific fishing area to individuals, cooperatives, communities, or other entities. Each recipient of a catch share is directly accountable to stop fishing when its exclusive allocation is reached. It includes more specific programs defined in statute such as Limited Access Privileges (LAP) and Individual Fishing Quotas (IFQ). It also includes Territorial Use Rights Fisheries (TURFs) that grant an exclusive privilege to fish in a geographically designated fishing ground².

COMMERCIAL FISHING: (1) Fishing by a person who possesses a commercial fishing license or is required by law to possess such license issued by one of the states or the Federal Government as a prerequisite to taking, landing and/or sale; or (2) Fishing that results in or can be reasonably expected to result in sale, barter, trade or other disposition of fish for other than personal consumption.

FISHERMAN: An individual who plays a role on a vessel that commercially harvests, takes, or catches fish.

INDIVIDUAL FISHING QUOTA: A specific portion of a fishery's total harvest limit that can be harvested solely by an individual or business holding the individual fishing quota.

OWNER OF A VESSEL OR VESSEL OWNER: A person identified as the current owner in the Certificate of Documentation (CG-1270) issued by the United States Coast Guard (USCG) for a documented vessel, or in a registration certificate issued by a state or the USCG for an undocumented vessel.

PERMIT OWNER: A person who owns a limited entry permit.

PERMIT HOLDER: A vessel owner as identified on the USCG form 1270 or state motor vehicle licensing document.

PERMIT LESSEE: A person who has the right to possess and use a limited entry permit for a designated period of time, with reversion of those rights to the permit owner.

QUOTA POUNDS (QP): Means the quotas, expressed in round weight of fish, that are issued annually to each Quota Share permit owner in the Shorebased IFQ Program based on the amount of QS they own and the amount of fish allocated to the Shorebased IFQ Program. QP have the same species/species group and area designations as the QS from which they are issued³.

QUOTA SHARES (QS): Means the amount of fishing quota for an individual species/species group and area expressed as a percentage of the annual allocation of fish to the Shorebased IFQ Program. The QS is used as the basis for the annual calculation and allocation of a QS permit owner's QP in the Shorebased IFQ Program³.

QUOTA SHARE PERMIT OWNER: An individual who has received or holds quota share as previously defined.

SHORESIDE PROCESSOR: An individual or operation/business that is permanently fixed to land that engages in processing; or receives live Groundfish directly from a fishing vessel for retail sale without further processing.

¹ Source: Title 50: Wildlife and Fisheries, Part 660 Fisheries off the West Coast States, Subpart G- West Coast Groundfish Fisheries §660.302 Definitions. [Electronic Code of Federal Regulations](#), accessed 6/12/2012.

² Source: NOAA Catch Shares Policy. [NOAA Fisheries Catch Share Policy](#), accessed 6/12/2012.

³ Source: Title 50: Wildlife and Fisheries, Part 660 Fisheries off the West Coast States, Subpart G- West Coast Groundfish Fisheries §660.111 Trawl fishery – definitions [Electronic Code of Federal Regulations](#): accessed 5-9-2012.

Section A: Demographic Information

Demographic questions help us to better understand the unique characteristics of people. They are standard questions in social science and can be compared to the U.S. Census data to better describe a specific population such as fishermen.

A1 What is your gender?

Answer	
	Male
	Female

A2 How old are you?

Answer

A3 What is the highest level of education you have attained?

Answer			
	Some high school		Associates degree
	High school diploma or equivalent		Bachelor's degree
	Some college or vocational, no degree		Graduate or professional degree

A4 Are you Hispanic or Latino?

Answer	
	Yes , Hispanic or Latino
	No , Not Hispanic or Latino

A5 What is your race? **Please mark all that apply.**

Answer	
	American Indian or Alaska Native
	Asian
	Black or African American
	Native Hawaiian or Other Pacific Islander
	White/Caucasian

A6 What is your ancestry (ethnic origin)? **Please mark all that apply.**

Answer	Answer	Answer	Answer
	Chinese	Italian	Mexican
	English	Irish	Norwegian
	Filipino	Japanese	Russian
	German	Korean	Vietnamese
	Other (Specify)		
			Portuguese
			Scottish
			American Indian

A7 What is your current marital status?

Answer	
	Single
	Married → Go to A7a
	Partner
	Divorced
	Widowed
	Other (Specify)

A7a If married, does your spouse participate in any aspect of the commercial fishing industry?

Answer	
	Yes
	No

Section A: Demographic Information

A8 How many members are in your household (including yourself)? (U.S. Census defines a household consists of all the people related and unrelated that occupy a housing unit⁴)

Answer in #

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A9 What percentage of your income comes from your participation in any commercial fishing activity?

Answer

	Prefer not to answer this question

A10 How are you paid for your work in the commercial fishing industry? **Please mark all that apply.**

Answer

	By trip
	By percentage of value of catch
	By days at sea
	Hourly
	Salary
	Owner Share
	Other (Specify)

A11 Please indicate your permanent residence (where you are registered to vote or your principal home you intend to return to) or your most current residence:

Answer

City/Town:
State:
Zip Code:

A11a Please clarify if the above address is your permanent (where you are registered to vote or your principal home you intend to return to), or your current (temporary or secondary home) address.

Answer	Description
	Permanent Residence
	Current Residence

A11b How long have you lived at your permanent or current residence?

Answer

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A12 Please describe your living situation. **Please mark all that apply.**

Answer	Answer
	Own Residence
	Live with Parents
	Rent Residence
	Other (Specify)

⁴ U.S. Census Current Population Survey Definitions [U.S. Census Definitions](#), accessed 5/22/2013.

Section B: Individual Participation

Questions in this section help us better understand additional characteristics of the people in the industry, beyond what the demographic information provided in the previous section. In this section we seek to better understand how you participate in commercial fishing and your historical activity in fishing.

B1 Please indicate your role and any role your spouse/partner may have in any aspect of the commercial fishing industry. **Please mark all that apply.**

* Please complete this question from your perspective *not* your spouse's/partner's.

Self	Role Description	Spouse/ Partner
	Quota Share Permit Owner	
	Co- Quota Share Permit Owner	
	Vessel Owner	
	Co-Vessel Owner	
	Vessel Account Owner	
	Co-Vessel Account Owner	
	Captain/Operator	
	QS/QP Manager	
	Risk Pool Manager	
	Broker	
	Fishing Crew	
	Observer	
	At-Sea Catcher Processor and/or Mothership Owner	
	At-Sea Catcher Processor and/or Mothership Operator	
	At-Sea Catcher Processor and/or Mothership Employee - Fisherman	
	At-Sea Catcher Processor and/or Mothership Employee – Processing Role	
	Vessel Crew – Other Non-Fishing/Non-Processing Role	
	Buyer (First Receiver)	
	Shoreside Processor Owner	
	Shoreside Processor Operator	
	Shoreside Processor Employee	
	Fisherman's Wife*/Partner/Spouse	
	Industry Supplier/Service Provider (Nets, Fuel, Shipyard, etc.)	
	Business Operations (accounting etc.)	
	Other (Specify)	
	NOT APPLICABLE	

B2 Has your family historically participated in any commercial fishing activity? (Including yourself)

Answer		
	Yes	➡ Go to B3
	No	➡ Go to B4

B3 If so, for how many generations has your family participated in any commercial fishing activity? (Including yourself)

Answer

B4 How old were you when you started to work in **any** commercial fishing activity?

Answer

B5 For how many total years have you worked in **any** commercial fishing activity?

Answer

B6 Of the years you've worked in commercial fishing, how many years have you worked in the Pacific Coast **groundfish** trawl fishing industry?

Answer

Section B: Individual Participation Continued

B7 What location do you work from in relation to where you live (your permanent or current residence; for at-sea industry members, where you live when you are not working aboard a vessel)?

Please mark all that apply.

Answer			
<input type="checkbox"/>	Same city/town	<input type="checkbox"/>	Different City/Town
<input type="checkbox"/>	Same Harbor	<input type="checkbox"/>	Different Harbor
<input type="checkbox"/>	Same County	<input type="checkbox"/>	Different County
<input type="checkbox"/>	Same State	<input type="checkbox"/>	Different State
Other (Specify)			

B7a Please list the city/towns/harbors where you participate in the commercial fishing industry.

City/Town/Harbor	State

B7b Why do you participate in the commercial fishing industry in a location other than where you live?

Answer

B8 Please indicate your level of employment in each category indicated below.

Please mark all that apply. (NOTE: We understand fishermen don't work on an hourly basis. Please select the option that best represents your situation. For example: A full time groundfish fishery employment response could be fishing the groundfish fishery quota over the year and supplementing that effort with fishing in another fishery or a non-fishing job.)

Answer	Groundfish Fishery	All Other Fisheries	Non-Fishing
Full-Time Employment (40 hrs./week)			
Part-Time (less than 40 hrs./week)			
Seasonal Full-Time Employment (Part of the year 40 hrs./week.)			
Seasonal Part-Time Employment (Part of the year less than 40 hrs. /week.)			
Self-Employed (In business for yourself, independent contractor etc.).			
Other (Specify)			

Section B: Individual Participation Continued

B8a Do you work multiple jobs?
(In any combination of fishing or non-fishing)

Answer	
	Yes, multiple part-time jobs
	Yes, multiple full-time jobs
	Yes, both full and part-time jobs
	No

B9 Do you maintain a job outside the commercial fishing industry?

Answer		
	Yes	➔ Go to B9a
	No	➔ Go to B10

B9a Please list any jobs you have outside of the commercial fishing industry.

Answer

B9b Please explain why you work outside the commercial fishing industry.
For example: personal interest, supplement income, etc.

Answer

B10 How would you rate the following items in your role in the commercial fishing industry?

Description	Poor	Fair	Good	Excellent
Job satisfaction				
Compensation/Pay (Amount)				
Method of Compensation/Pay (How you are paid)				
Job Stability				
Standard of Living				
Relationship with Co-Workers				

B10a What would contribute to improving the above (B10) conditions? Please indicate how each item may be improved. *For example: Standard of Living would improve with increased income.*

Answer	
Job Satisfaction	
Compensation/Pay (Amount)	
Method of Compensation/Pay (How you are paid)	
Job Stability	
Standard of Living	
Relationship with Co-Workers	

Section C: Connections

Questions in this section help us understand how people in the industry are connected, how information and resources flow, and identify important resources.

C1 Who do you depend on for everyday information about the commercial fishing industry?

For example: status of fishing grounds. **Please list first and last names of people, companies, and/or organizations.** Personal names will be coded to protect identity, see page ii.

Answer

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NOT APPLICABLE

C2 Who do you depend on for equipment and supplies you utilize while working in the commercial fishing industry? *For example: net suppliers, vessel parts, etc.* **Please list first and last names of people, companies, and/or organizations.** Personal names will be coded to protect identity, see page ii

Answer

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NOT APPLICABLE

C3 Who do you depend on for services you utilize while working in the commercial fishing industry? *For example shipyards, equipment repairs, etc.* **Please list first and last names of people, companies, and/or organizations.** Personal names will be coded to protect identity, see page ii

Answer

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NOT APPLICABLE

Section C: Connections Continued

C4 Who do you depend on for information about fisheries management? *For example: changes in regulations.* **Please list first and last names of people, companies, and/or organizations.** Personal names will be coded to protect identity, see page ii

Answer	
	NOT APPLICABLE

C5 Where do you get information related to your work in the fishery?

Answer			
	Telephone/Cell Phone		Internet, Social Networking Sites (Facebook, Twitter, etc.)
	Radio		Print Media (Newspaper, Magazines, Newsletters)
	Verbal/Word of Mouth		Other (Specify)
		NOT APPLICABLE	

C6 Please list any organizations or associations you are a member of that relate(s) to your participation in any aspect of the commercial fishing industry.

Answer	
	NOT APPLICABLE

Section D: Catch Shares Perspectives

Questions in this section will help us understand people's opinions about the new catch shares program as well as what actions they have taken since the management change.

D1 Did you support the catch shares program before the management change in January 2011?

Answer			
	Yes		Was Not Sure
	No		Not Applicable

D2 Do you support the catch shares program now?

Answer			
	Yes		Not Sure
	No		Not Applicable

D3 Please select the reasons for your response in the previous question (D2)? Why do you support or not support the existing catch shares program? **Please mark all that apply.**

	More stable jobs		Fewer jobs
	Increase in income		Decrease in income
	More stable income		Less stable income
	Increase in safety		Decrease in safety
	Increase in business flexibility		Management program difficult to understand
	Increase in market competition		Increased cost to enter fishery
	Increase in market value		Increased cost to remain in the fishery
	Increase in product quality		Loss of businesses and community infrastructure
	Longer fishing seasons		Boats leave the fishery and negatively impact the community
	Increase in gear flexibility		Increased cost for raw product
	Reduced bycatch		Increase in processing costs
	More businesses and better community infrastructure		Processors leave the community and negatively impact the community
	More stable delivery schedule		An increase in processing capacity
	Decrease in processing costs		Observer coverage is problematic
	Increases individual accountability		Impacts small boats/small businesses (negatively)
	Benefits business planning		Shift to other fisheries
	Other (Specify)		

D4 How were you personally affected by the catch shares program implemented in January 2011? Please describe what contributed to your answer.

Answer		
	Positively	Please describe:
	Negatively	
	No significant change	
	NOT APPLICABLE	

Section D: Catch Shares Perspectives Continued

D5 Please select the description below that most closely represents your activities in the **Pacific Coast Groundfish Trawl Fishery** after the implementation of the catch shares program in January 2011.

Answer	
<input type="checkbox"/>	No change in <i>groundfish</i> fishery activity (Same as prior to catch shares in January 2011)
<input type="checkbox"/>	Increased level of activity in the <i>groundfish</i> fishery (Fishing more, processing more, other role more, etc.)
<input type="checkbox"/>	Decreased level of activity in the <i>groundfish</i> fishery (Fishing less, processing less, less of other role, etc.)
<input type="checkbox"/>	New to the <i>groundfish</i> fishery (Started fishing, started processing, started new role/business, etc.)
<input type="checkbox"/>	Exited the <i>groundfish</i> fishery (No longer participate in any capacity)
<input type="checkbox"/>	Other (Specify)
<input type="checkbox"/>	NOT APPLICABLE

D5a Please select the description below that most accurately clarifies your activities in **Non-Pacific Coast-Groundfish Trawl Fisheries** since the implementation of the catch shares program in January 2011.

Answer	
<input type="checkbox"/>	No change in <i>non-groundfish</i> fisheries (Same as prior to catch shares in January 2011)
<input type="checkbox"/>	Increased participation in <i>non-groundfish</i> fisheries (Fishing more, processing more, other role more, etc.)
<input type="checkbox"/>	Decreased participation in <i>non-groundfish</i> fisheries (Fishing less, processing less, less of other role, etc.)
<input type="checkbox"/>	Entered new <i>non-groundfish</i> fisheries (Not previously fished, processed, or worked in etc.)
<input type="checkbox"/>	Exited commercial fisheries activity in all fisheries (No longer participate in any capacity)
<input type="checkbox"/>	Other (Specify)
<input type="checkbox"/>	NOT APPLICABLE

➔ Go to D5b
 ➔ Go to D6

D5b Please select the **non-Pacific Coast -Groundfish** fisheries you have participated in, in any capacity, since the implementation of the catch shares program in January 2011. **Please mark all that apply.**

Answer			
<input type="checkbox"/>	Pacific Whiting	<input type="checkbox"/>	Bering Sea & Aleutian Islands Groundfish
<input type="checkbox"/>	Pacific Salmon	<input type="checkbox"/>	Bering Sea & Aleutian Islands King and Tanner Crab
<input type="checkbox"/>	Pacific Halibut	<input type="checkbox"/>	GOA Groundfish
<input type="checkbox"/>	Highly Migratory Species (For example: Tunas, Billfish/Swordfish, Sharks, Dorado, etc.)	<input type="checkbox"/>	Alaska Scallop
<input type="checkbox"/>	Coastal Pelagic Species (Pacific sardine, Pacific mackerel, Jack mackerel, Northern Anchovy, Market Squid, etc.)	<input type="checkbox"/>	Alaska Salmon
<input type="checkbox"/>	Dungeness Crab	<input type="checkbox"/>	Alaska Halibut
<input type="checkbox"/>	Pink Shrimp		
<input type="checkbox"/>	Other (Specify)		
Continue to Question D7			

Section D: Catch Shares Perspectives Continued

D6 Please describe any new/ additional work or activities you have engaged in due to your exit from the commercial fishing industry or to supplement current commercial fishing activities.

ANSWER

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NOT APPLICABLE

D6a Please describe what factors, events, or other circumstances have contributed to the change in your activities identified in **D6**.

ANSWER

--

NOT APPLICABLE

D7 Please indicate your plans for participation in the fishing industry sectors described below.

Please mark all that apply. (NOTE: *Groundfish* refers to Pacific Coast Groundfish Trawl Fishery)

Answer

	Keep current activity levels in the <u>groundfish</u> fishery		Keep current activity levels in <u>non-groundfish</u> fisheries
	Increase current activity levels in the <u>groundfish</u> fishery		Increase current activity levels in <u>non-groundfish</u> fisheries
	Decrease current activity levels in the <u>groundfish</u> fishery		Decrease current activity levels in <u>non-groundfish</u> fisheries
	Exit the <u>groundfish</u> fishery		Exit some but not all <u>non-groundfish</u> fisheries
	Do Not Know		Exit all <u>non-groundfish</u> fisheries
	Other (Specify)		

NOT APPLICABLE

D8 Have your plans for the Pacific Coast Groundfish trawl fishery been influenced by the transition to catch share management?

Answer

<input type="checkbox"/>	Yes	➔ Go to 8a
<input type="checkbox"/>	No	➔ Go to 9

Section D: Catch Shares Perspectives Continued

D8a How has the transition to catch share management influenced your future plans?

Answer	
	NOT APPLICABLE

D8b Please describe any results of the transition to a catch shares program that occurred, but you did not expect.

Answer	
	NOT APPLICABLE

D9 Has the catch shares program changed your lifestyle?

Answer	
	Yes ➔ Go to 9a
	No ➔ End Section

D9a If you answered yes, the catch shares program has changed your lifestyle, please describe how.
For example: Fish groundfish more consistently or changed fishery because quota shares/lbs. too expensive, etc.

Answer	
	NOT APPLICABLE

Section E: Quota Share Owners/Managers & Vessel Account Owners/Managers

Questions in this section will help us understand what actions people have taken under the catch shares program and what changes have occurred to date. QS = quota share, QP = quota pounds

E1 Please indicate your role as described below. **Please mark all that apply.**

Answer		
	Quota Share Permit Owner	➔ Go to E1a
	Quota Share Permit Co-Owner	➔ Go to E1a
	Vessel Account Owner/Manager	➔ Go to E2
	Vessel Account Co-Owner/Manager	➔ Go to E2
	Vessel Owner	➔ Go to E2
	Non-Owner Quota Share/Vessel Account Manager	➔ Go to E2
	Other (Specify)	
	NOT APPLICABLE	

E1a Please select the following description that best describes when you received your quota share (QS) permit.

Answer	
	QS permit was obtained for the program implementation in January 2011.
	QS permit was received after program implementation.
	Other (Specify)

E2 Did you or the QS permit owner you work for receive an initial quota share allocation for catch shares implementation in January 2011?

Answer		
	Yes	➔ Go to E2a
	No	➔ Go to E3

E2a Do you or the QS permit owner you work for/manage still have the same quota share identified in question E2?

Answer	
	Yes
	No

E3 How many vessels (or vessel accounts) received quota pounds resulting from the quota share you own or manage?

Answer

Section E: Quota Share Owners/Managers & Vessel Account Owners/Managers Cont'd.

E4 Please select the actions described below that apply to the QS/QP you own, work for, or manage.
Please mark all that apply. QP = quota pounds, QS = quota shares

Answer	
<i>Quota Pound Transfers: QS Account</i>	
	Transferred QP from a QS account I own/manage <u>to</u> a vessel account(s) I own/manage
	Transferred QP from a QS account I own/manage <u>to</u> a vessel account(s), I do <u>not</u> own/manage
	Obtained QP in a vessel account(s) I own/manage <u>from</u> a QS account I own/manage
	Obtained QP in a vessel account(s) I own/manage <u>from</u> a QS account that I do <u>not</u> own/manage
<i>Quota Pound Transfers: Vessel Account</i>	
	Transferred QP from a vessel account(s) I own/manage <u>to</u> another vessel account I own/manage
	Transferred QP from a vessel account(s) I own/manage <u>to</u> another vessel account I do <u>not</u> own/manage
	Obtained QP in a vessel account(S) I own/manage <u>from</u> a vessel account(s) I own/manage
	Obtained QP in a vessel account(s) I own/manage from a vessel account(s) I do <u>not</u> own/manage
<i>Quota Share Transfers</i>	
	Transferred QS from a QS permit/account(s) I own/manage <u>to</u> another QS permit/account(s) I own/manage
	Transferred QS from a QS permit/account(s) I own/manage <u>to</u> another QS permit/account(s) I do <u>not</u> own/manage
	Obtained QS from a QS permit/account(s) I own/manage to another QS permit/account(s) I own/manage
	Obtained QS from a QS permit/account(s) I own/manage to another QS permit/account(s) I do <u>not</u> own/manage
	No action
	Exited the fishery
	Other (Specify)

E4a Why did you take the actions selected in E4? **Please mark all that apply.**

Answer			
	To cover a deficit		To increase target species QS percentage
	To avoid a deficit		To maximize surplus carryover QP in vessel account(s)
	To increase Halibut IBQ pounds		To manage risk pool
	To increase Halibut IBQ QS percentage		To divest of excess QS due to accumulation limits
	To increase overfished species QP		To divest QS due to portfolio
	To increase overfished species QS percentage		To diversify species portfolio
	To increase target species QP		To diversify business opportunities
	Other (Specify)		
NOT APPLICABLE			

Section E: Quota Share Owners/Managers & Vessel Account Owners/Managers Cont'd.

E5 Did any *additional*/QS/QP you received meet your expectations?

Answer			
	QP	QS	
Yes			➔ Go to E6
No			➔ Go to E5a
	NOT APPLICABLE		➔ Go to E6

E5a If you answered **NO** in question **E5**, please describe why the additional QS/QP did not meet your expectations.

Answer

E6 Have you had any difficulty transferring quota pounds or quota share percentage(s)?

Answer		
	Yes	➔ Go to E6a
	No	➔ Go to E7
	NOT APPLICABLE	

E6a If you answered **YES** in question **E6**, please indicate why you had the difficulties identified in **E6**.

Answer			
	Too expensive		Hard to determine who has QP/QS available
	Species/species mix not acceptable		Hard to determine who needs QP/QS
	Amount of QP not available		Process difficult to understand
	Amount of QS not available		Mechanism difficult to utilize
	Not enough QS on market		
	Other (Specify)		

E7 What are your plans for the fishery? **Please mark all that apply.**

Answer		Answer	
	Acquire more quota <u>pounds</u>		Acquire more quota <u>shares</u>
	Maintain current level of participation with existing levels of quota <u>pounds</u>		Maintain current level of participation with existing levels of quota <u>shares</u>
	Sell/Transfer quota <u>pounds</u>		Sell/Transfer quota <u>shares</u>
	Exit the fishery		Do Not Know
	Other (Specify)		
	NOT APPLICABLE		

FISHERMEN: PLEASE CONTINUE TO NEXT PAGE

AT-SEA & SHORESIDE PROCESSOR & BUYERS: PLEASE CONTINUE TO PAGE 23

Section F: FISHERMEN Continued

F3 Have you changed the species you have caught since the catch shares program was implemented in January 2011?

Answer		
	Yes	➔ Go to F3a
	No	➔ Go to F4
	NOT APPLICABLE	

F3a Why have you changed the species you catch?

Answer

F4 What gear(s) do you commonly use to fish? **Please mark all that apply.**

Answer					
<input type="checkbox"/>	Setline	<input type="checkbox"/>	Drift Gill Net	<input type="checkbox"/>	Midwater Trawl
<input type="checkbox"/>	Jig	<input type="checkbox"/>	Purse Seine/Round Haul Net	<input type="checkbox"/>	Pair Trawl
<input type="checkbox"/>	Pole	<input type="checkbox"/>	Danish/Scottish Seine	<input type="checkbox"/>	Roller Trawl
<input type="checkbox"/>	Vertical Hook and Line	<input type="checkbox"/>	Lobster Pot	<input type="checkbox"/>	Beam Trawl
<input type="checkbox"/>	Longline	<input type="checkbox"/>	Crab Pot	<input type="checkbox"/>	River Trawl
<input type="checkbox"/>	Troll	<input type="checkbox"/>	Fish Pot	<input type="checkbox"/>	Shrimp Trawl, Double Rigged
<input type="checkbox"/>	Stick Gear	<input type="checkbox"/>	Prawn Trap	<input type="checkbox"/>	Shrimp Trawl, Single or Double Rigged
<input type="checkbox"/>	Gill Net/Trammel Net	<input type="checkbox"/>	Flatfish Trawl	<input type="checkbox"/>	Shrimp Trawl, Single Rigged
<input type="checkbox"/>	Dip Net	<input type="checkbox"/>	Groundfish Trawl, Large Footrope	<input type="checkbox"/>	Diving Gear
<input type="checkbox"/>	Set Net	<input type="checkbox"/>	Groundfish Trawl, Small Footrope	<input type="checkbox"/>	
<input type="checkbox"/>	Other (Specify)				

F5 For the period since the catch shares program was implemented, please complete the table below with information about the gear you have used, the estimated percent of time per year that you have utilized the gear, and the species you have targeted with that gear. See example below.

Gear Type	% time used	Species Targeted
<i>Crab Pot</i>	<i>25%</i>	<i>Dungeness Crab</i>

Section F: FISHERMEN Continued

F6 Have the vessel(s) you own or work on used excluders?

Answer		
	Yes	➔ Go to F6a
	No	➔ Go to F7
	NOT APPLICABLE	

F6a Was the use of the excluder(s) directly related to the trawl catch shares program?

Answer		
	Yes	➔ Go to F6d
	No	➔ Go to F6b
	NOT APPLICABLE	

F6b If you answered **NO** in question **E6a**, please indicate when the vessel started using excluders. (Approx. MM/YY).

Answer

F6c Has the use of the excluder(s) increased due to the trawl catch shares program?

Answer		
	Yes	
	No	
	NOT APPLICABLE	

F6d What species is the vessel trying to avoid by the use of the excluder?

Answer

F6e What percentage of time is the excluder used?

Answer

F6f During specific fishing trips, what contributes to the decision to use the excluder?

Answer

F6g Has the excluder been beneficial and served its purpose?

Answer		
	Yes	➔ Go to F8
	No	➔ Go to 6h
	NOT APPLICABLE	➔ Go to F8

F6h If you answered **NO**, to **F6g**, Please describe why the excluder has not been beneficial.

Answer

F7 What contributes to the lack of use of an excluder? **Please mark all that apply.**

Answer	
<input type="checkbox"/>	Cost
<input type="checkbox"/>	Availability/Access to excluders
<input type="checkbox"/>	Do not fish in areas where risk is high for bycatch species
<input type="checkbox"/>	Other (Specify)
<input type="checkbox"/>	NOT APPLICABLE

F8 Independent of excluders, what efforts to change gear are being made to avoid or reduce bycatch?

Answer

Section F: FISHERMEN Continued

F9 For the period since the catch shares program was implemented in January 2011, please complete the following table to identify and describe the boats you own or you work on.

Own: Please check the box if you own or co-own the vessel listed.

Mooring Port(s): Please tell us the port(s) where the boat most frequently moors (This may be different than where the boat lands catch).

Trawl Participant: Please check whether or not the vessel actively participates in the Pacific Coast Groundfish Trawl Fishery.

Other Fisheries: Please list all the other fisheries the boat(s) actively participates in. Please include both West Coast and Alaska Fisheries.

Do Not Know: If you do not know a piece of information please indicate Do Not Know in the corresponding space in the table.

NOT APPLICABLE						
No.	Own	Vessel Name	Mooring Port(s)	Trawl Participant		Other Fisheries
<i>Example</i>	✓	<i>Wandering Seas</i>	<i>Bellingham, WA</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<i>Crab</i>
1				Y	N	
2				Y	N	
3				Y	N	
4				Y	N	
5				Y	N	
6				Y	N	
7				Y	N	
8				Y	N	

Section F: FISHERMEN Continued

F10 Approximately how many people work with you on the boat(s) you work on or own? Please include yourself in the number. Please indicate the fishery and the number of people who work on the boat when participating in that fishery. See example below.

Number	Fishery	Number	Fishery
4	<i>For Example: Groundfish Fishery</i>		

F11 For each of the fisheries identified above (F7), have you typically worked with the same people year after year (since the catch shares implementation in January 2011)? Please indicate your response and the corresponding fishery.

Yes	No	Fishery
	X	<i>Example: Groundfish Fishery</i>
NOT APPLICABLE		

F11a Have the people you work with within each fishery changed as a result of the catch shares program?

Yes	No	Fishery
	X	<i>Example: Groundfish Fishery</i>
NOT APPLICABLE		

F11b Please describe why you think this has or has not changed.

Answer
Do Not Know

F12 What is your relationship to others on the boat(s) you commercially fish/work on? Note: Please include quota share permit owners not on board. **Please mark all that apply.**

Answer	
Related to at least one individual – Family	Co-workers
All on boat are family members	Friends
Business partner(s)	Other (Specify)

Section F: FISHERMEN Continued

F13 Please rate the quality of your relationships with the following people on the most recent groundfish trawl fishery boat(s) you have worked on. Please indicate if this has changed since the catch shares implementation in January 2011. QS = quota share

Individual	Negative	Neutral	Positive	Self/Not Applicable	Changed	
					YES	NO
QS Owner						
Vessel Account Owner						
Vessel Owner						
Captain/Operator						
Crew						
Observer						
Other (Specify)						

F13a If the quality of the relationships noted in question (F13) has changed, please explain why you think they have changed.

Answer	
Do Not Know	NOT APPLICABLE

F14 To whom do you sell your trawl caught groundfish? Please provide information for the vessel you most recently worked on or owned. Please list business(es).

Answer	
Do Not Know	NOT APPLICABLE

F15 What items are taken into consideration when deciding where to sell the catch?

Answer	
Mutual agreement with Buyer	Mothership or Catcher - Processor
Mutual agreement with Processor	Longstanding Relationship
Contract with Buyer	Vessel owned by Processor
Contract with Processor	Do Not Know
Only Single Buyer Available	Other (Specify)
Best Price/Market	

Section F: FISHERMEN Continued

F16 Do you have a choice of where you sell your fish?

Answer			
	Yes		➔ Go to F14
	No		➔ Go to F13a
	Do Not Know		NOT APPLICABLE

F16a If you answered **NO** in question **F13**, please describe why you have don't have a choice.

Answer

F17 How many buyers/processors are located in the port(s) you deliver to?

Answer
Do Not Know

F18 What limits your choice of where you sell your fish?

Answer			
	Market		Sell/deliver to a Mothership or Catcher-Processor
	Limited number of processors		No Limitations
	Location of processors		Vessel is owned by processor
	Amount purchased by processor		Other (Specify)
	Amount paid for catch by processor		
	Species purchased by processor		
	Multiple species required by processor for purchase of all species (for example groundfish and crab)		

F19 Please rate the quality of your relationships with the following people related to the selling of trawl caught Pacific Coast Groundfish species. Please indicate if this has changed since the catch shares implementation in January 2011.

Individual	Negative	Neutral	Positive	Self/Not Applicable	Changed	
					YES	NO
Buyer/First Receiver						
Processor						
Mothership						
Other (Specify)						
NOT APPLICABLE						

F19a If the responses in question **F16** have changed, please describe why you think they have changed.

Answer
Do Not Know
NOT APPLICABLE

Section F: FISHERMEN Continued

F20 Do you plan to continue your participation in the Pacific Coast Groundfish Trawl Fishery?

Answer		
	Yes	➔ Go to F18
	No	➔ Go to F17a
	NOT APPLICABLE	

F20a Please describe why you do not plan on continuing fishing in the commercial Pacific Coast Groundfish trawl fishery.

Answer

F21 Do you plan on continuing your participation in other commercial fisheries?

Answer		
	Yes	➔ Go to F18a
	No	➔ Go to F18b

F21a Please list other commercial fisheries you plan on participating in.

Answer

F21b Please describe why you do not plan on continuing fishing in other commercial fisheries.

Answer

END SURVEY THANK YOU FOR YOUR PARTICIPATION

Section G: PROCESSORS (AT-SEA and/or SHORESIDE) and BUYERS/RECEIVERS

Questions in this section are specific to processors, including shoreside processors, buyers, and receivers, catcher-processors, and motherships. Information gathered in this section will help us understand the connections between processors and fishermen, the flow of the product from the fishermen to the distributor and the stops along the way, and the decisions that processors must make.

- G1** Please select below which option best describes the type of processor that you own or work for. Please provide the name of the company next to the corresponding selection. **Please mark all that apply.**

Answer	Company Name
Shoreside Processor	
Mothership	
Catcher-Processor	
Independent Buyer/First Receiver	
Other (Specify)	

- G2** In which port/city is the processor you own/work for physically located? For catcher-processors or motherships, please indicate most common port(s). For buyers please indicate base city of business.

Port/City	State

- G3** Is the processor you work for part of a larger company? If so what are the company's other locations?

Answer	Port/City	State
Yes		
No	➔ Go to G4	
Do Not Know		

- G4** Please list, in order of importance, the **top 10** species of fish that are processed or purchased by the company you own/work for. Please refer to question **F2** for species examples.

Answer	Species	Rank	Species
1		6	
2		7	
3		8	
4		9	
5		10	
Do Not Know			

Section G: PROCESSORS (AT-SEA and/or SHORESIDE) and BUYERS/RECEIVERS Cont'd.

G5 Please explain why some of the species you process are more important than others.
For example market value is higher, available year round, etc.

Species	Explanation
Do Not Know	

G6 Whom do you purchase trawl-caught groundfish from? **Please mark all that apply.**

Answer	
	Commercial Fishing Boats
	Buyers/First Receivers
	Do Not Know
	NOT APPLICABLE
	Other (Specify)

G7 How many boats do you purchase trawl caught groundfish from in a typical season?

Answer	
	Do Not Know
	NOT APPLICABLE

G8 What items are taken into consideration when deciding where to purchase trawl caught groundfish?
Please mark all that apply.

Answer	
	Mutual agreement with Fisherman/Boat
	Contract with Fisherman/Boat
	Relationship with Fishermen
	Company Fishing Boats
	Buyer/First Receiver
	Contract/Agreement with Buyer/First Receiver
	Catcher – Processor
	Geographic Location (distance from plant)
	Do Not Know
	Other (Specify)

Section G: PROCESSORS (AT-SEA and/or SHORESIDE) and BUYERS/RECEIVERS Cont'd.

G9 Please rate the quality of your relationships with the following people related to the purchasing of Trawl-caught groundfish and indicate whether those relationships have changed since the catch shares program was implemented in January 2011.

Individuals	Negative	Neutral	Positive	Self/Not Applicable	Changed	
					YES	NO
QS Owner						
Vessel Account Owner						
Vessel Owner						
Captain/Operator						
Buyer						
Distributor						
Marketer						
Laborers						
Other (Specify)						

G9a If the responses in question G9 have changed, please describe why you think they have changed.

Answer	
<input type="checkbox"/> Do Not Know	<input type="checkbox"/> NOT APPLICABLE

G10 Is the trawl caught groundfish purchased typically processed in the same port where it is purchased?

Answer	
<input type="checkbox"/> Yes	➔ Go to G11
<input type="checkbox"/> No	➔ Go to G10a
<input type="checkbox"/> Depends on Species	
<input type="checkbox"/> Other (Specify)	
<input type="checkbox"/> Do Not Know	➔ Go to G11

G10a Please clarify why groundfish purchased in one port, is processed in another location.

Species	Location and reason for different location
<input type="checkbox"/> Do Not Know	

Section F: PROCESSORS (AT-SEA and/or SHORESIDE) and BUYERS/RECEIVERS Cont'd.

G10b Where do you process groundfish that is not processed in the same port where it is purchased?
Please mark all that apply and list locations (For example, Coos Bay, OR).

Answer	Locations
Local	
Regional	
National	
International	
Do Not Know	

G10c How are the product(s) transported? **Please mark all that apply.**

Answer
Boat
Truck
Air
Do Not Know
Other (Specify)

G11 What items does your company take into consideration when deciding where to sell trawl caught groundfish? **Please mark all that apply.**

Answer
Contract with wholesaler
Contract with distributor
Contract with restaurant(s)
Contract with retailer(s)
Best Markets
Do Not Know
Other (Specify)

G12 Where do you market your product? **Please mark all that apply and list locations.**
 (For example: Seattle, WA).

Answer	Locations
Local	
Regional	
National	
International	
Do Not Know	

Section F: PROCESSORS (AT-SEA and/or SHORESIDE) and BUYERS/RECEIVERS Cont'd.

G13 How is the product(s) transported to the final distributor or company distribution location?
Please mark all that apply.

Answer	
<input type="checkbox"/>	Boat
<input type="checkbox"/>	Truck
<input type="checkbox"/>	Air
<input type="checkbox"/>	Do Not Know
<input type="checkbox"/>	Other (Specify)

G14 What other businesses do you depend on for the complete purchase, processing, and sale of your company's seafood products? *For example: trucking company, broker, etc.*

Answer	
<input type="checkbox"/>	Do Not Know

G15 To help us better understand what happens to trawl caught groundfish after it is purchased from a vessel, please describe the path the product takes from purchase to selling. *For example:*

Vessel → Shoreside Processor → Local distributor → National market	
Answer	
<input type="checkbox"/>	Do Not Know

END SURVEY

THANK YOU FOR YOUR PARTICIPATION

The following space is left blank for notes or comments

Pacific Coast Groundfish Fishery Social Survey

Please address any questions or comments to:

Suzanne Russell

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Seattle, WA 98112

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206-860-3274

*Public reporting or burden for this survey is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to **Suzanne Russell, NWFSC-Human Dimension Program, 2725 Montlake Blvd. East, Seattle, WA 98112-2097.***

THANK YOU FOR YOUR PARTICIPATION