CHANGES UNDER ALASKA'S HALIBUT IFQ PROGRAM, 1995 TO 2006

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
NMFS Alaska Region
Restricted Access Management
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Final Report:

This is a report covering the halibut IFQ program from 1995 through 2006. The executive summary is contained in a separate document. The final report for the sablefish fishery is contained in a separate document.

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Abstract:

This study uses NMFS-RAM administrative data and other ancillary data to analyze the first twelve years of the halibut individual fishing quota (IFQ) program in Alaska.

The topics covered in the report include basic data on the extent of consolidation of quota share (QS) holdings, the volume of permanent QS transfers; QS prices; the volume of seasonal QS lease transfers, and IFQ lease prices. The report highlights the importance of several special features of the IFQ program and provides an extensive overview of changes in the geographic distribution of QS holdings. The report includes summary data on permanent transfers including the amount of QS transferred as sales, gifts, and trades; the relationships between the transferors and transfer recipients; and the finance methods used in sales transfers. The report investigates changes in the distribution of QS by person-type, changes in the distribution of QS between initial QS recipients and new entrants, and changes in halibut harvest and delivery patterns. The report also provides information on the consolidation of IFQ permit holders onto single vessel operations and on the underharvest of IFQ during the 1995 to 2006 fishing seasons.

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1 Introduction Halibut

1.1 The Purpose of This Study

This report uses administrative and harvest data from the Restricted Access Management Program (RAM) of the National Oceanic Atmospheric Administration (NOAA) National Marine Fisheries Service (NMFS) and other ancillary data to report on the first twelve years of the Halibut individual fishing quota (IFQ) program in Alaska. The purpose of this report is to provide accurate information on particular topics of interest concerning the program.

In 1995, NMFS implemented new IFQ programs in Alaska's halibut and sablefish fisheries which are administered by RAM. The programs had been developed by the North Pacific Fishery Management Council (Council) and approved by the United States Secretary of Commerce.

The new IFQ fishery management programs represent a dramatic change from fishery management under open access. The growth in fishing effort under open access had resulted in large declines in the length of the fishing seasons, and caused a host of undesirable effects.

In some areas the halibut fishery, in particular, had been reduced to a few short "derby-like" openings each year. These short hectic openings sometimes caused safety problems, particularly for small vessels during openings with bad weather and rough seas. The congestion on the fishing grounds during the short openings also led to gear conflicts, gear loss, and wastage. The fact that the harvest occurred during short periods caused short-term market gluts and forced frozen product to be held and marketed over long periods. These factors led to lower ex-vessel prices for fishermen.

The Council anticipated that the halibut IFQ program would lengthen the season, allow fishermen to harvest their individual quotas at times opportune to them, and lead to improved ex-vessel prices and economic profits. They also expected the IFQ program to reduce safety problems, congestion on the grounds, gear loss, and wastage of resources.

Through the first twelve years of the program, many of the Council's objectives have been realized. The season has been lengthened, ex-vessel prices have improved, and congestion on the grounds has been reduced. Fishermen can and do choose the times they harvest their IFQs. There is also evidence that the program has served the other Council objectives.

However, despite these successes, some people continue to have concerns about long-term changes that might occur under the program. This is particularly true in Alaska where there are many coastal communities that depend on commercial fishing for their economic base. The transfer of IFQ use-privileges to persons outside a local area or a

radical change in harvest and delivery patterns under the program might have harmful effects on some communities.

Because of this, many parties have an interest in closely monitoring changes occurring under the IFQ program. In 1995 the State of Alaska and NMFS formed an interagency study team to evaluate changes occurring under the new IFQ program. Several studies were initiated and completed through this process.

The NMFS Restricted Access Management Program (RAM) administers the IFQ programs and is committed to continuing this monitoring effort. The main purpose of this study is to use data collected and maintained by RAM to document, and report on changes that occurred during the first twelve years of the new halibut IFQ program. The information contained in this report will help inform policy discussions on proposals for new IFQ programs or proposals to alter the existing IFQ programs.

The report includes a brief description of the halibut fishery, the IFQ program, data and information that should assist in the evaluation of the program features.

1.2 The Halibut Fishery

Halibut are demersal, living on or near the bottom. Typically they are harvested in waters from 100 to 600 meters in the winter and less than 200 meters in the summer.

In the years before the IFQ program, the directed commercial harvest of halibut was prosecuted with hook-and-line gear, including longline, handline, mechanical jig, and troll. Halibut from the directed fishery tended to be landed in Alaska, and to some extent in British Columbia, Washington, and Oregon.[1] Halibut are also harvested as bycatch in groundfish trawl fisheries, pot fisheries for crab, and longline fisheries for sablefish and Pacific cod. A subsistence halibut fishery bias occurred for many years; currently NMFS recognizes more than 10,000 rural and tribal subsistence halibut users. A recreational halibut fishery in Alaska for halibut has grown considerably due to large increases in tourism, particularly in Southeast Alaska and the South Central Gulf of Alaska. The Council has recommended several measures for managing guided sport halibut fisheries and is considering additional programs

[1]This discussion of the halibut fishery is from Chapters 2 and 3 of *Draft for Public Review Environmental Impact Statement, Regulatory Impact Review, Initial Regulatory Flexibility Analysis for Proposed Individual Fishing Quota Management Alternative for the Halibut Fisheries in the Gulf of Alaska and Bering Sea/Aleutian Islands.*
North Pacific Fisheries Management Council. Anchorage: July 19, 1991.

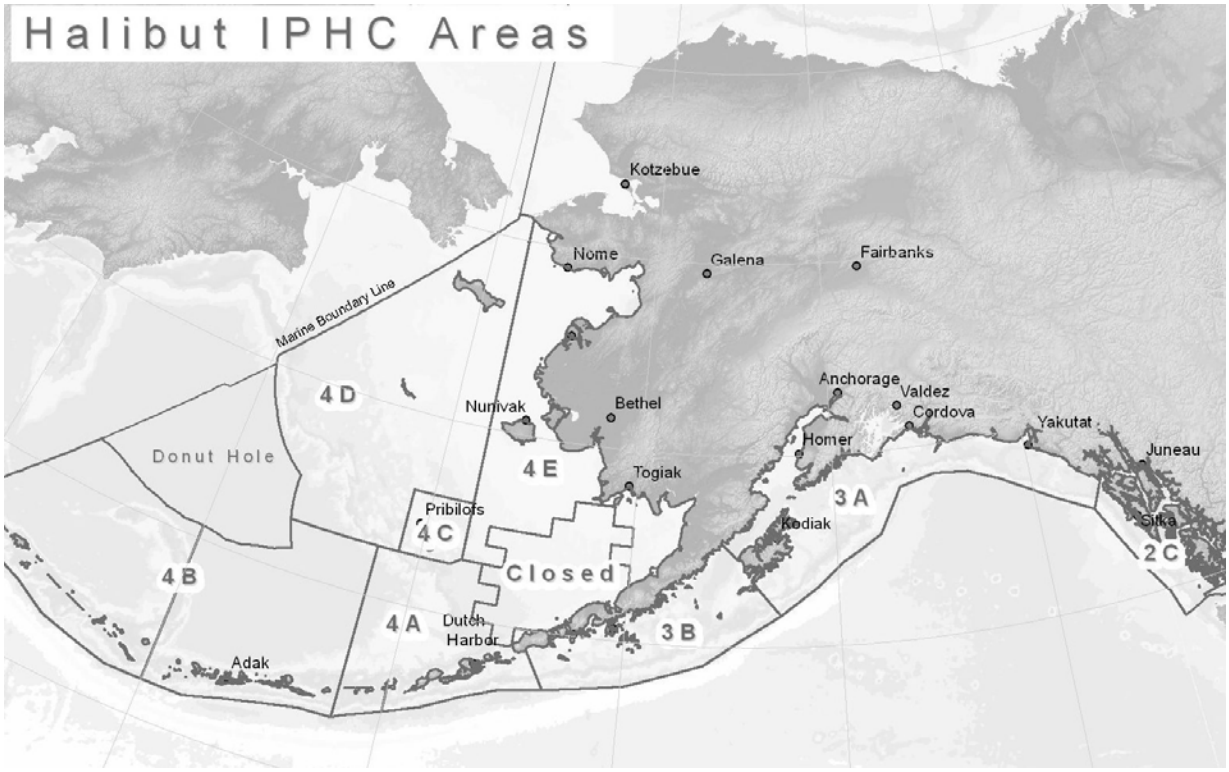

figure 1. IPHC Halibut Management Areas

The International Pacific Halibut Commission (IPHC) was established by a convention between the United States and Canada and since 1923 has been responsible for the biological management of the fishery. The IPHC has authority to establish regulatory areas, limit catch by area, license vessels, regulate gear types, protect nursery areas, collect statistics, and conduct scientific research. The IPHC has defined eight management areas off Alaska, and designated annual Total Allowable Catch (TAC) for these areas. The areas are shown in Figure 1.

In 1982 the U.S. government added to the management tools available for halibut by delegating additional regulatory authority to the geographically responsible Fishery Management Councils.[2]

The North Pacific Management Council (Council) has authority under the Magnuson-Stevens Fishery Conservation and Management Act and the North Pacific Halibut Act to regulate entry into the Alaska halibut fishery, although the Council must defer to the IPHC on biological management issues. The authority of the IPHC and Council extends the management of halibut within Alaska's waters.

[2] See the Northern Pacific Halibut Act of 1982, P.L. 97-176.

1.3 Background on the Halibut IFQ Program

In December 1991 the Council recommended an Individual Fishing Quota (IFQ) Program for management of the fixed gear sablefish and halibut fisheries off Alaska. For halibut, "fixed gear" includes all fishing gear comprising lines with hooks attached, including one or more stationary, buoyed, and anchored lines with hooks. Longlines, jigs, handlines, and troll gear are examples of halibut fixed gear. After many years of development, the Council's IFQ plan for halibut was approved as a regulatory amendment by the Secretary of Commerce in early 1993, and final implementing regulations became effective in November 1993[3].

Quota shares (QS) are the basic use-privileges that were established under the program.[4] QS were issued to qualified applicants who owned or leased a vessel with legal fixed gear landings of halibut at any time during 1988, 1989, and 1990. The regular QS units issued to a person in a management area were equal to the person's qualifying pounds, the sum of the person's best five years of landings (pounds) in the area during the seven-year period from 1984 to 1990.

The issued QS are specific to one of eight halibut management areas and one of four vessel classes. The management areas are 2C, 3A, 3B, 4A, 4B, 4C, 4D, and 4E as defined by the IPHC. The four vessel classes include a harvester-processor vessel class and three catcher vessel classes. The three catcher vessel classes are "35 feet or less," "36 to 60," and "greater than 60 feet." The harvester-processor vessel category is called "freezer" or "freezer processor" within this report.

Portions of the total allowable catches (TACs) in areas 4B, 4C, 4D, and 4E were allocated to Community Development Quotas (CDQs) for groups of communities in western Alaska.[5] In Area 4E the entire TAC was allocated to CDQs and there has been no IFQ fishery. The Council compensated QS holders in these CDQ areas for reductions in TACs due to CDQs by issuing them additional "CDQ compensation QS" in non-CDQ Areas 2C, 3A, 3B, and 4A. CDQ compensation QS increased the total QS units (the "QS Pool") in these areas.

Each year, the amount of QS in an area's QS pool as of January 31 and the TAC allocated to the area's IFQ fishery determines the basic QS/IFQ ratio that will be used in each management area for the year.[6] Table 1 shows these data from 1995 through 2006.

A person's IFQ for an area in a given year is determined by multiplying the person's fractional holding of the total QS pool in the area by the total allowable catch (TAC) allocated to the area's IFQ fishery for the year. Adjustments for underharvest or overharvest of the IFQ from the previous year determine the QS holder's final IFQ for the start of the new year.

[3] See 58 FR 59373, November 9, 1993

[4] "QS will be used to represent both "quota share" and "quota shares" in this report, depending upon the context. "QS units" and "unit of QS" will also be used for greater clarity.

[5] 50 CFR 679.31 (c)

[6] 50 CFR 679.31(c)

From the beginning of the program (1995-2006) the pools remained stable and most TACs' increased. Thus in recent years it takes fewer QS units to equal one pound then in early program years.[7]

Quota shares are permanently transferable and in some cases can be leased under regulations discussed in the report. The Council wanted to achieve some of the benefits associated with IFQ management but did not want the program to radical changes that would be harmful to communities and industries dependent on the fishery. As a result, the Council adopted several complex rules to constrain changes that could occur under the program.

These rules include limits on who may buy QS and the amount of QS that a person may hold. Rules also include constraints on the amount of QS that may be fished from a single vessel, restrictions placing some QS holdings into "blocks" that can only be permanently transferred on an "all or nothing basis," and restrictions on the number of "blocks" a person can hold in an area. These rules represent an effort by the Council to achieve economic efficiency gains under the program while preserving some of the traditional character of the fishery and diversity of the fishing operations. These rules are outlined in more detail and are discussed in subsequent chapters of this report.

[7] RAM included QS that was on appeal and claimed by two or more persons in the QS pool at the beginning of the year. When a case was resolved the QS and the associated IFQ was issued to successful applicant.

Table 1. Quota Share Pools and IFQ TACs by Halibut Management Area, 1995-2006

Halibut Management Area	Year	Quota Share Pool (# of QS Units)	IFQ TAC in Net Pounds (CDQs excluded)	Ratio of QS / IFQ
2C	1995	59,853,126	9,000,000	6.65
	1996	59,979,977	9,000,000	6.66
	1997	59,100,570	10,000,000	5.91
	1998	59,551,075	10,500,000	5.67
	1999	59,551,257	10,490,000	5.68
	2000	59,555,379	8,400,000	7.09
	2001	59,633,843	8,780,000	6.79
	2002	59,633,843	8,500,000	7.02
	2003	59,635,055	8,500,000	7.02
	2004	59,556,591	10,500,000	5.67
	2005	59,556,591	10,930,000	5.45
	2006	59,552,039	10,630,000	5.60
3A	1995	185,818,173	20,000,000	9.29
	1996	186,079,384	20,000,000	9.30
	1997	184,935,642	25,000,000	7.39
	1998	184,924,431	26,000,000	7.11
	1999	184,806,828	24,670,000	7.49
	2000	184,920,851	18,310,000	10.09
	2001	184,902,586	21,890,000	8.45
	2002	184,873,475	22,630,000	8.17
	2003	184,930,966	22,630,000	8.17
	2004	184,930,966	25,060,000	7.38
	2005	184,910,103	25,470,000	7.26
	2006	184,911,315	25,200,000	7.34
3B	1995	54,435,504	3,700,000	14.71
	1996	54,505,286	3,700,000	14.73
	1997	53,909,787	9,000,000	5.99
	1998	53,903,627	11,000,000	4.90
	1999	53,903,791	13,370,000	4.03
	2000	53,907,509	15,030,000	3.59
	2001	53,907,509	16,530,000	3.26
	2002	53,907,509	17,130,000	3.15
	2003	54,203,176	17,130,000	3.16
	2004	54,203,176	15,600,000	3.47
	2005	54,262,333	13,150,000	4.13
	2006	54,262,333	10,860,000	4.99
4A	1995	14,861,967	1,950,000	7.62
	1996	14,914,713	1,950,000	7.64
	1997	14,502,966	2,940,000	4.93
	1998	14,502,965	3,500,000	4.14
	1999	14,503,009	4,240,000	3.42
	2000	14,503,996	4,970,000	2.92
	2001	14,503,996	4,970,000	2.92
	2002	14,503,996	4,970,000	2.92
	2003	14,587,099	4,970,000	2.94
	2004	14,587,099	3,470,000	4.20
	2005	14,587,099	3,440,000	4.24
	2006	14,587,099	3,350,000	4.35
4B	1995	9,236,860	1,848,000	4.99
	1996	9,293,043	1,848,000	5.03
	1997	9,284,774	2,784,000	3.34

Table 1 continued. Quota Share Pools and IFQ TACs by Halibut Management Area, 1995-2006

Halibut Management Area	Year	Quota Share Pool (# of QS Units)	IFQ TAC in Net Pounds (CDQs excluded)	Ratio of QS / IFQ
4B Cont.	1998	9,284,774	2,800,000	3.32
	1999	9,284,774	3,184,000	2.92
	2000	9,284,774	3,928,000	2.36
	2001	9,284,774	3,928,000	2.36
	2002	9,284,774	3,344,000	2.78
	2003	9,284,774	3,344,000	2.78
	2004	9,284,774	2,284,000	4.13
	2005	9,284,774	1,808,000	5.14
	2006	9,284,774	1,336,000	6.95
4C	1995	3,969,186	385,000	10.31
	1996	3,969,186	385,000	10.31
	1997	3,969,186	580,000	6.84
	1998	3,969,186	795,000	4.99
	1999	3,969,186	1,015,000	3.91
	2000	3,969,186	1,015,000	3.91
	2001	3,969,186	1,015,000	3.91
	2002	3,969,186	1,015,000	3.91
	2003	4,016,352	1,015,000	3.96
	2004	4,016,352	860,000	4.67
	2005	4,016,352	907,500	4.43
	2006	4,016,352	805,000	4.99
4D	1995	4,685,996	539,000	8.69
	1996	4,685,996	539,000	8.69
	1997	4,790,491	812,000	5.90
	1998	4,869,276	1,113,000	4.38
	1999	4,869,276	1,421,000	3.43
	2000	4,869,276	1,421,000	3.43
	2001	4,869,276	1,421,000	3.43
	2002	4,869,276	1,421,000	3.43
	2003	4,958,250	1,421,000	3.49
	2004	4,958,250	1,204,000	4.11
	2005	4,958,250	1,270,500	4.43
	2006	4,958,250	1,127,000	4.40
4E	1995	139,999	0	NA
	1996	139,999	0	NA
	1997	139,999	0	NA
	1998	139,999	0	NA
	1999	139,999	0	NA
	2000	139,999	0	NA
	2001	139,999	0	NA
	2002	139,999	0	NA
	2003	139,999	0	NA
	2004	139,999	0	NA
	2005	139,999	0	NA
	2006	139,999	0	NA

Note: "NA" means not applicable. All of the TAC in Area 4E has been devoted to Community Development Quotas (CDQs) and none has been available to the IFQ fishery.

2 Halibut - Consolidation of QS Holdings

2.1 Introduction

Near the end of 1994 NOAA Fisheries (NMFS) first allocated halibut QS. By 1995, most of the eligible applicants had received their allocations, although some allocations continued over time as appeals were resolved. Persons began to transfer their QS shortly after the allocations started. Some of the QS transfers have been to persons who were entering the fishery for the first time; other transfers went to persons who had received initial allocations and who were adjusting their QS holdings.

Transfer transactions, revocations, or other administrative or legal actions can change the distribution of QS holdings. Permanent transfer activity includes routine transfers, court-ordered transfers, transfers associated with "sweep-ups" of QS blocks, and transfers associated with "swaps" of CDQ compensation QS across catcher vessel categories. This chapter provides an overview of the consolidation of QS holdings that have occurred due to all these factors during the first 12 years of the IFQ program.[8]

Persons may consolidate QS within the limits of the IFQ program regulations. There are several regulations designed to affect the nature of transfers and to limit the amount of QS aggregation. Some of the more important ones are listed below:

- QS is issued to persons and is specific to one of four halibut vessel categories. Under most circumstances, QS from one vessel category cannot be transferred to another vessel category. Rules that allow special catcher vessel category "swaps" are discussed in more detail below.

- Some QS is issued in nonseverable "blocks." Block rules have changed over time. As of the end of 2006, a person could hold a maximum of two blocks of QS in an area, and persons with two blocks could not hold unblocked QS for that area; small blocks may be "swept" together to a maximum size block.[9] These rules are also discussed in more detail below.

- The program restricts who may buy catcher vessel QS. Only those who were originally issued catcher vessel QS or those who qualify as IFQ crewmembers by working for 150 days on the harvesting crew in any U.S. commercial fishery may buy catcher vessel QS.[10] Purchases of freezer vessel QS are not restricted in this way. The only corporations, partnerships, or other business entities that may purchase more catcher vessel QS are those that were initial QS recipients. An exception to these rules occurs when an individual transfers his/her own QS to his/her own solely owned corporation.[11]

[8] "Sweep-ups" of small QS blocks are covered in detail in Chapter 6.
[9] See 50 CFR 679.42 (g)
[10] See 50 CFR 679.41(g); "IFQ crew" are defined in 50 CFR 679.2
[11] See 50 CFR 679.42 (j) and CFR 679.41 (g)(3)

- During the first two years of the IFQ program, persons could not hold or use, individually or collectively, more than 1% of the QS in Area 2C, more than 0.5% of the QS in Areas 2C, 3A, and 3B combined, or more than 0.5% of the QS in Areas 4A, 4B, 4C, 4D, and 4E combined. The rules allowed some initial issuees to exceed some of these restrictions, but these persons were prevented from accumulating more QS. In June 1996 the Council approved an amendment that increased the combined total use caps in Areas 4A, 4B, 4C, 4D, and 4E from 0.5% to 1.5%. These percentages were then applied to the QS pool as it stood in 1996 to establish a set number of QS units that would be used as a cap from year-to-year. The other caps for Area 2C and the combined Areas 2C, 3A, and 3B were also changed to be expressed as fixed amounts of QS units. The final rule for this amendment became effective March 24, 1997.[12]

The halibut IFQ program created nonseverable "blocks" of QS that constrain QS consolidation. Persons received their QS in a block at initial allocation if their QS would have resulted in less than 20,000 pounds of halibut IFQ.[13] Blocks cannot be broken up for transfer, meaning all the QS in a block has to be sold or passed on to another person as a single unit. A person can hold a maximum of two blocks in an area, but a person with two blocks cannot hold any unblocked QS for the area. Through 2006 regulations allow persons to combine, or "sweep-up," more than two blocks if their combined total is worth less than 3,000 pounds of a hypothetical halibut IFQ.[14] These sweep-ups are discussed in more detail in Chapter 6.

The IFQ program also included provisions that set aside part or all of the TACs in Areas 4B, 4C, 4D, and 4E for community development quotas (CDQs). Setting aside TAC for CDQs effectively reduced the harvest limits of individuals who were initially allocated QS in these areas.[15] The IFQ plan contained provisions designed to compensate the QS holders for this reduction. The goal of the plan was to spread the burden of the compensation equally among all persons who initially received halibut QS. Compensation was provided by giving persons receiving QS from the CDQ areas (Areas 4B, 4C, 4D, and 4E) additional QS in each of the management areas in which CDQs were not allocated (Areas 2C, 3A, 3B, and 4A).

Some persons who received CDQ compensation QS in Areas 2C, 3A, 3B, and 4A already had QS in one or more of those areas. When this occurred, their CDQ compensation was rolled into their existing QS holding. It was either "blocked" or "unblocked," depending upon the size of the combined holding.

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[12] See 50 CFR 679.42(f).

[13] See 50 CFR 679.40(a)(1). The 20,000 pounds is actually a hypothetical IFQ based on 1994 TACs and the amount of QS in the QS pool on October 17, 1994. The halibut QS equivalent calculated for this blocking limit is equivalent to different amounts of IFQ from year-to-year as TACs and the amount of QS in the QS pool change.

[14] The original sweep-up limit was 1,000 pounds. In April 1996 the Council approved an amendment that increased the halibut sweep-up limit to 3,000 pounds. This regulation is now incorporated into 50 CFR 679.41(e)(3). The 3,000 pounds of hypothetical IFQ was based upon 1996 TACs for an area and the QS pool as of January 31, 1996. The regulation translates the rule into a specific amount of QS units for each halibut area. This amendment became effective in December 1996. In 2007, sweep up limits again changed- see chapter 6.

[15] The CDQ regulations are contained in 50 CFR 679.30 and 50 CFR 679.31(b) and(c). The provisions for CDQ compensation are contained in 50 CFR 679.41(j).

However, in many cases persons received CDQ compensation QS in areas where they had not previously fished or been issued regular QS. When this occurred, a person's catcher vessel CDQ compensation was unblocked and "swappable" to another catcher vessel category upon the first transfer. Moreover, this "swappable" catcher vessel CDQ compensation QS can be used on any size catcher vessel until it is swapped or transferred. These rules facilitate the transfer and use of CDQ compensation QS.[16]

Because of the CDQ compensation "swap" regulation, the total amount of QS may change in an area and vessel category after initial allocation. Such changes do not affect the management area totals, however, as QS is only being swapped between catcher vessel categories within an area.

In January 1996, the Council approved a "fish down" amendment that allows catcher vessel QS to be used on vessels of the same vessel size class or smaller. The Council did this to allow more flexibility for QS holders to acquire more catcher vessel QS. The amendment allows the use of larger vessel category QS on smaller vessels, except in Area 2C where "fish down" of category B (greater than 60 feet) QS was allowed only for blocks worth less than 5,000 pounds (based upon 1996 TACs). This amendment became effective August 16, 1996.[17] A 2007 amendment removed the area 2C fish down restriction and allowed "fish up" in certain areas to provide greater flexibility and harvest efficiency.[18]

Table 2-1a provides an overview of the distribution of halibut QS at initial allocation and year end of 2006. The table shows the total amount of QS and the number of QS holders in each management area, along with the change and percent change from initial issuance through year end 2006.

The negative net changes in total QS in Areas 2C, 3A, 3B, 4A, 4B, and 4D are the result of QS revocations by NOAA-RAM, which may revoke some, or all, of a person's QS. Revocations do not occur until the QS holder has been given an opportunity to appeal in administrative revocation decision, or until after a civil penalty has been levied by the agency.

The number of QS holders decreased in all areas from initial issuance thru 2006. This is primarily due to the greater number of persons leaving halibut fisheries even as others consolidate holdings or newly enter fisheries. QS revocations may also lower the number of persons who hold QS. The drop in the number of QS holders was substantial in non-CDQ areas 3A through 4A, ranging from 41.5% to 50.3% of the number of persons who were initially issued QS in those areas. In Areas 4B through 4D, the percentage decreases were smaller. Note that in Area 4E, 100% of the TAC in each year has been allocated to CDQs, resulting in very low QS transfer levels.

[16] See 50 CFR 679.41(i)
[17] See 50 CFR 679.40(a)(5)(ii) and 679.42(a)
[18] 72 FR 44795, August 9, 2007

Table 2-1b provides further data on QS consolidation. Consolidation of QS holdings is indicated by the increase in the average and median QS holdings from initial issuance to the end of 2006. The average and median QS holdings rose in all areas except 4C and 4E.

Table 2-1b also shows the median QS holdings in all areas were substantially lower than the average QS holdings, indicating a skewness toward persons with small holdings.

Table 2-1a. Initial Issuance and Year-end 2006 QS and QS Holders by Management Area

Area	Initial Amount of QS Units	2006 Year-end QS Units	Net Change in Total QS Units	Percent Change QS Units	Initial QS Holders	2006 Year-end QS Holders	Person Net Change	Percent Change QS Holders
2C	59,568,892	59,552,039	-16,853	-0.03	2,388	1,362	-1,026	-43.0
3A	185,492,433	184,911,315	-581,118	-0.31	3,071	1,795	-1,276	-41.5
3B	54,516,403	54,203,176	-313,227	-0.57	1,056	526	-530	-50.2
4A	14,634,439	14,587,099	-47,340	-0.32	531	264	-267	-50.3
4B	9,293,391	9,284,774	-8,617	-0.09	152	107	-45	-29.6
4C	4,016,352	4,016,352	0	0.00	81	62	-19	-23.5
4D	4,923,638	4,958,250	34,612	0.70	69	47	-22	-31.9
4E	139,999	139,999	0	0.00	104	103	-1	-1.0

Table 2-1b. Consolidation of Halibut QS Holdings from Initial Allocation Through Year-end 2006, by Management Area

Area	Initial Median QS Held	2006 Year-end Median QS	Net Change in Median QS Units	Percent Change Median QS	Initial Average QS Held	2006 Year-end Avg. QS	Net Change in Avg. QS Units	Percent Change Avg. QS
2C	9,553	15,183	5,630	58.9	24,945	43,724	18,779	75.3
3A	14,016	25,630	11,615	82.9	60,401	103,015	42,614	70.6
3B	11,382	30,671	19,290	169.5	51,625	103,048	51,423	99.6
4A	3,539	12,939	9,400	265.6	27,560	55,254	27,694	100.5
4B	30,955	34,518	3,563	11.5	61,141	86,774	25,633	41.9
4C	29,875	24,275	-5,600	-18.7	49,495	64,780	15,285	30.9
4D	44,677	45,814	1,137	2.5	71,357	105,495	34,138	47.8
4E	361	361	0	0.0	1,346	1,359	13	1.0

2.2 QS Consolidation by Vessel Category

The halibut IFQ program created four distinct vessel categories in each of the eight halibut management areas. One vessel category consists of harvester-processor vessels (designated "freezer"); the other three consist of catcher vessels less than or equal to 35 feet, from 36 to 60 feet, and greater than 60 feet. Under most circumstances, QS cannot be transferred across vessel categories; however, the regulations provide for vessel category "swaps" of catcher vessel CDQ compensation QS on first transfer.[19]

In January 1996, the Council approved a "fish down" amendment that allows catcher vessel QS to be used on vessels of the same vessel size class or smaller. The Council did this to allow more flexibility for QS holders to acquire more catcher vessel QS and to foster use of smaller vessels in an "owner operator" fleet. The amendment allows the use of larger vessel category QS on smaller vessels, except in Area 2C where "fish down" of category B (greater than 60 feet) QS is allowed only for QS blocks worth less than 5,000 pounds (based upon 1996 TACs). This amendment became effective August 16, 1996 and remained in effect through 2006.[20]

Tables 2-2a and 2-2b show that halibut QS was issued in 30 different area/vessel category combinations. There were no qualifying freezer vessels in Area 4E, nor were there vessels in the "35 foot or less" category in Area 4D.

Table 2-2a indicates that in Areas 2C and 3A, more QS was issued in the 36-60 foot category than in other vessel categories. In Area 4E, most QS was issued in the "35 foot or less" category. In all other areas, the greatest percentage of QS was issued in the "over 60 feet" vessel category. At the end of 2006, the greatest percentages of QS were still held in these same vessel categories in their respective areas.

As explained previously, changes in QS distribution among vessel classes will be small, because QS transfers across vessel categories are only allowed by special rules for the "swap" of CDQ compensation QS. Quota share revocations also changed the amounts of QS within a vessel category between initial issuance and year-end 2006.

Table 2-2b shows the initial and year-end 2006 distributions of QS holders in each area vessel category combination. It also indicates average QS holdings, changes in the number of persons, and average QS holdings for each vessel category.

A person may hold QS in more than one vessel category in an area. For this reason, the sum of QS holders in the different area/vessel category combinations can be greater than the number of unique persons who hold QS in the area, as reported in Table 2-1a and other tables in this report.

The greatest consolidation occurred, in both a numeric and percent basis, in Areas 2C, 3A, 3B, and 4A. Note these are the management areas in which persons received CDQ compensation QS at initial issuance. Many of the persons who were issued CDQ compensation received only

[19] IFQ from swappable catcher vessel CDQ compensation QS can be fished from any catcher vessel category and can be permanently "swapped" to another catcher vessel category upon the first transfer. See 50 CFR 679.41(i).

[20] See 50 CFR 679.40(a)(5)(ii) and 679.42(a). As noted above The area 2C fish down exception was removed in 2007 and some areas "fish up" provisions were implemented.

small amounts of QS in areas in which they had no prior history of fishing. A considerable amount of CDQ compensation QS was transferred (see Chapter 5) and contributed to the decrease in the number of QS holders in the areas.

As one would expect, average QS holdings increased in most of the areas and vessel categories that experienced declines in the number of QS holders. QS revocations also decreased average QS holdings slightly. Therefore, QS revocations partly offset increases in average holdings due to consolidation.

Table 2-2a. Initial Allocation and Year-end 2006 QS by Management Area and Vessel Category

Area	Vessel Category	Initial Amount of QS	2006 Amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	Freezer	1,249,141	1,249,141	2.1	2.1	0	0
	GT 60 ft.	2,933,494	2,653,410	4.9	4.5	-280,084	-9.5
	36-60 ft.	45,710,106	46,670,959	76.7	78.4	960,853	2.1
	LE 35 ft.	9,676,151	8,978,529	16.2	15.1	-697,622	-7.2
3A	Freezer	4,773,918	4,773,918	2.6	2.6	0	0.4
	GT 60 ft.	68,051,777	68,559,245	36.7	37.1	507,468	0.7
	36-60 ft.	99,004,864	98,878,681	53.4	53.5	-126,183	-0.1
	LE 35 ft.	13,661,874	12,699,471	7.4	6.9	-962,403	-7.0
3B	Freezer	1,593,155	1,593,155	2.9	2.9	0	0.0
	GT 60 ft.	29,863,254	29,987,611	54.8	55.3	124,357	0.4
	36-60 ft.	21,028,414	20,966,072	38.6	38.7	-62,342	-0.3
	LE 35 ft.	2,031,580	1,656,338	3.7	3.1	-375,242	-18.5
4A	Freezer	619,003	619,003	4.2	4.2	0	0.0
	GT 60 ft.	8,508,678	8,547,737	58.1	58.6	39,059	0.5
	36-60 ft.	4,378,707	4,370,615	29.9	30.0	-8,092	-0.2
	LE 35 ft.	1,128,051	1,049,744	7.7	7.2	-78,307	-6.9
4B	Freezer	553,489	553,489	6	6.0	0	0.0
	GT 60 ft.	7,120,537	7,114,526	76.6	76.6	-6,011	-0.1
	36-60 ft.	1,350,369	1,347,763	14.5	14.5	-2,606	-0.2
	LE 35 ft.	268,996	268,996	2.9	2.9	0	0.0
4C	Freezer	18,876	18,876	0.5	0.5	0	0.0
	GT 60 ft.	1,767,422	1,620,607	44.5	40.4	-146,815	-8.3
	36-60 ft.	1,054,250	867,827	25.4	21.6	-139,257	-17.7
	LE 35 ft.	1,175,804	1,509,042	29.6	37.6	333,238	28.3
4D	Freezer	413,936	413,936	8.4	8.3	0	0.0
	GT 60 ft.	4,021,310	4,100,095	81.7	82.7	78,785	2.0
	36-60 ft.	488,392	444,219	9.9	9.0	-44,173	-9.0
4E	GT 60 ft.	11,176	11,176	8	8.0	0	0.0
	36-60 ft.	37,032	37,032	26.5	26.5	0	0.0
	LE 35 ft.	91,791	91,791	65.6	65.6	0	0.0

Table 2-2b. Initial Allocation and Year-end 2006 QS Holders by Management Area and Vessel Category

Area	Vessel Category	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Freezer	31	28	1.3	2.0	-3.0	-9.7	40,295	44,612	-4,317	-10.7
	GT 60 ft.	138	70	5.7	5.0	-68.0	-49.3	21,257	37,906	-16,649	-78.3
	36-60 ft.	1,146	747	47.5	52.8	-399.0	-34.8	39,913	62,478	-22,565	-56.5
	LE 35 ft.	1,096	569	45.5	40.2	-527	-48.1	8,829	15,996	-7,167	-81.2
3A	Freezer	36	36	1.2	1.9	0.0	0.0	132,086	132,609	-523	-0.4
	GT 60 ft.	300	282	9.6	14.6	-18.0	-6.0	226,839	243,118	-16,279	-7.2
	36-60 ft.	1,496	925	47.9	47.7	-571.0	-38.2	66,122	106,896	-40,774	-61.7
	LE 35 ft.	1,287	695	41.3	35.9	-592.0	-46.0	10,615	18,273	-7,658	-72.1
3B	Freezer	19	17	1.8	2.9	-2.0	-10.5	83,850	93,715	-9,865	-11.8
	GT 60 ft.	214	179	19.9	30.9	-35.0	-16.4	139,548	167,529	-27,981	-20.1
	36-60 ft.	560	290	52.0	50.1	-270.0	-48.2	37,002	72,297	-35,295	-95.4
	LE 35 ft.	284	93	26.4	16.1	-191.0	-67.3	7,153	17,810	-10,657	-149.0
4A	Freezer	15	12	2.8	4.0	-3.0	-20.0	41,267	51,584	-10,317	-25.0
	GT 60 ft.	140	107	26.0	35.8	-33.0	-23.6	60,776	79,885	-19,109	-31.4
	36-60 ft.	146	91	27.1	30.4	-57.0	-38.5	29,422	48,029	-18,607	-63.2
	LE 35 ft.	237	89	44.1	29.8	-148.0	-62.4	4,760	11,795	-7,035	-147.8
4B	Freezer	8	7	5.2	5.7	-1.0	-12.5	69,186	79,070	-9,884	-14.3
	GT 60 ft.	82	67	53.6	54.9	-15.0	-18.3	86,836	106,187	-19,351	-22.3
	36-60 ft.	36	32	23.5	26.2	-4.0	-11.1	37,510	42,118	-4,608	-12.3
	LE 35 ft.	27	16	17.6	13.1	-11.0	-40.7	9,963	16,812	-6,849	-68.7
4C	Freezer	1	1	1.2	1.4	0.0	0.0	18,876	18,876	0	0.0
	GT 60 ft.	29	23	35.8	32.9	-6.0	-20.7	60,946	70,461	-9,515	-15.6
	36-60 ft.	20	14	24.7	20.0	-6.0	-30.0	50,354	61,988	-11,634	-23.1
	LE 35 ft.	31	32	38.3	45.7	1.0	3.2	37,929	47,158	-9,229	-24.3
4D	Freezer	5	4	7.2	7.4	-1.0	-20.0	82,787	103,484	-20,697	-25.0
	GT 60 ft.	50	39	72.5	72.2	-11.0	-22.0	80,426	105,131	-24,705	-30.7
	36-60 ft.	14	11	20.3	20.4	-3.0	-21.4	25,375	40,384	-15,009	-59.1
4E	GT 60 ft.	2	2	1.9	1.9	0.0	0.0	5,588	5,588	0	0.0
	36-60 ft.	7	7	6.7	6.7	0.0	0.0	5,290	5,290	0	0.0
	LE 35 ft.	95	94	91.3	90.4	-1.0	-1.1	966	966	-11	-1.10

2.3 QS Consolidation by Size of QS Holding

The tables in this section provide information on QS distribution at initial issuance and year-end 2006 by area and the relative size of the QS holding. Quota share holdings are classified based on their percentage of the total QS pool in the area. There are nine distinct size categories. It is important to remember that a unit of QS translates to different amounts of IFQ in each area.

The IFQ program rules constrain how much QS a single person may accumulate. In 1995 and 1996, no person, individually or collectively, could use more than 1% of the QS in Area 2C, more than 0.5% of the QS in Areas 2C, 3A, and 3B combined, or more than 0.5% of the QS in Areas 4A, 4B, 4C, 4D, and 4E combined. The rules allowed some initial issuees to exceed some of these restrictions, but these persons were prevented from accumulating more QS.

In June 1996 the NPFMC approved an amendment that increased the combined total caps in Areas 4A, 4B, 4C, 4D, and 4E from 0.5% to 1.5%. This percentage was then applied to the 1996 QS pool to establish a permanent amount of QS that would be used as a cap from year-to-year. The final rule for this amendment became effective March 24, 1997.[21]

Table 2-3a indicates that in Area 2C, 87.0% of the QS was initially issued to persons who held less than 0.25 percent of the total area QS. In Areas 3A and 3B, 76.5% and 42.0% of the respective QS fell into this classification. In Areas 4A through 4E, the QS was distributed among a wider range of size categories.

Consolidation of QS holdings has led to a reduction in the amount of QS in the smallest size category in all areas except 4E, where there were very few transfers and where all of the TAC is allocated to CDQs. The differences in the distribution from initial issuance to the end of 2006 largely reflect the degree of consolidation.

Table 2-3b provides similar information as Table 2-3a, but shows the number of persons at initial issuance and year-end 2006 by management area and relative size of QS holding. The table shows that the majority of QS holders in Areas 2C to 4A each received less than .25% of the total area QS. After initial issuance in these areas, the number of QS holders in this category dropped significantly. In Area 2C, there was a 44.9% decrease in the number of persons in the "less than .25%" classification, and in Areas 3A, 3B, and 4A the decreases were 43.6%, 58.4%, and 68.9%, respectively. Note that Areas 2C to 4A are areas in which persons were issued CDQ compensation QS, and some of this decrease may have been related to such persons transferring away that type of QS.

In the other areas from 4B through 4E, where fewer persons were issued QS, QS holders were more widely distributed among different owner categories. The actual numbers of persons who changed QS size categories in these areas was smaller than in areas 2C to 4A.
There were relatively few persons who held large percentages of any area's QS pool. The only persons who held percentages larger than 3% at initial issuance and at the end of 2006 were in Areas 4B, 4C, 4D, and 4E. Again, relatively few persons were initially issued QS in these areas.

[21] See 50 CFR 679.42(f) and 50 CFR 679.41(c)(6).

Table 2-3a. Initial Allocation and Year-end 2006 QS By Management Area and Size of QS Holding

Area	Percent Of area QS	Initial amount of QS	2006 amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in total QS	Percent Change in QS
2C	% < .25	51,846,431	44,295,147	87.0	74.3	-7,551,284	-14.6
	.25 <= % < .5	7,197,918	12,102,919	12.1	20.4	4,905,001	68.4
	.5 <= % < 1.0	524,543	3,153,973	0.9	5.3	2,629,430	501.3
		59,568,892	59,552,039			-16,853	
3A	% < .25	142,394,109	118,276,091	76.5	64.0	-24,007,125	-16.9
	.25 <= % < .5	43,098,324	53,903,034	23.5	29.1	10,693,817	25.1
	.5 <= % < 1.0	0	12,732,190	0	6.9	12,732,190	0.0
		185,492,433	184,911,315			-581,118	
3B	% < .25	22,879,230	17,875,481	42.0	33.0	-5,003,749	-21.9
	.25 <= % < .5	13,391,928	15,336,514	24.6	28.3	1,944,586	14.5
	.5 <= % < 1.0	12,710,325	16,491,934	23.3	30.4	3,781,609	29.8
	1.0 <= % < 2.0	5,534,920	4,499,247	10.2	8.3	-1,035,673	-18.7
		54,516,403	54,203,176			-313,227	
4A	% < .25	3,645,687	1,164,212	24.8	8.0	-2,481,475	-68.1
	.25 <= % < .5	2,749,175	2,877,507	18.6	19.7	128,332	4.7
	.5 <= % < 1.0	4,023,937	5,600,357	27.6	38.4	1,576,420	39.2
	1.0 <= % < 2.0	3,210,718	4,652,779	21.9	31.9	1,442,061	44.9
	2.0 <= % < 3.0	1,004,922	292,244	6.9	2.0	-712,678	-70.9
		14,634,439	14,587,099			-47,340	
4B	% < .25	662,307	313,669	7.1	3.4	-348,638	-52.6
	.25 <= % < .5	1,232,824	586,553	13.3	6.3	-646,271	-52.4
	.5 <= % < 1.0	1,625,713	1,691,832	17.5	18.2	66,119	4.1
	1.0 <= % < 2.0	1,650,480	2,630,625	17.8	28.3	980,145	59.4
	2.0 <= % < 3.0	2,303,964	2,375,848	24.8	25.6	71,884	3.1
	3.0 <= % < 4.0	937,537	1,686,247	10.1	18.2	748,710	79.9
	4.0 <= % < 5.0	389,990	0	4.2	0.0	-389,990	-100.0
	5.0 <= % < 10	490,576	0	5.3	0.0	-490,576	-100.0
		9,293,391	9,284,774			-8,617	
4C	% < .25	101,293	55,864	2.5	1.4	-45,429	-44.8
	.25 <= % < .5	158,922	109,913	4.0	2.7	-49,009	-30.8
	.5 <= % < 1.0	603,463	214,898	15.0	5.4	-388,565	-64.4
	1.0 <= % < 2.0	952,760	845,569	23.7	21.1	-107,191	-11.3
	2.0 <= % < 3.0	278,795	810,192	6.9	20.2	531,397	190.6
	3.0 <= % < 4.0	547,726	653,490	13.6	16.3	105,764	19.3
	4.0 <= % < 5.0	546,430	508,730	13.6	12.7	-37,700	-6.9
	5.0 <= % < 10	826,963	817,696	20.6	20.4	-9,267	-1.1
		4,016,352	4,016,352			0	
4D	% < .25	59,625	18,847	1.2	0.4	-40,778	-68.4
	.25 <= % < .5	242,584	114,622	4.9	2.4	-127,962	-52.7
	.5 <= % < 1.0	485,628	221,670	10.8	4.6	-263,958	-58.2
	1.0 <= % < 2.0	1,319,316	745,011	26	15.4	-574,305	-41.8
	2.0 <= % < 3.0	331,367	1,065,094	6.7	22.1	733,727	221.4
	3.0 <= % < 4.0	537,271	861,946	10.9	17.9	324,675	60.4
	4.0 <= % < 5.0	454,584	460,348	9.2	9.5	5,764	1.3
	5.0 <= % < 10	1,493,263	1,470,712	30.3	30.5	-22,551	-1.5
		4,923,638	4,958,250			34,612	
4E	% < .25	8,049	8,026	5.7	5.7	-23	-0.3
	.25 <= % < .5	9,727	9,750	6.9	6.9	23	0.2
	.5 <= % < 1.0	10,136	10,136	7.2	7.2	0	0

Table 2-3a continued. Initial Allocation and Year-end 2006 QS By Management Area and Size of QS Holding

Area	Percent Of area QS	Initial amount of QS	2006 amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in total QS	Percent Change in QS
4E	1.0 <= % < 2.0	20,904	20,904	14.9	14.9	0	0
Cont.	2.0 <= % < 3.0	22,065	22,065	15.8	15.8	0	0
	3.0 <= % < 4.0	15,117	15,117	10.8	10.8	0	0
	4.0 <= % < 5.0	13,404	13,404	9.6	9.6	0	0
	5.0 <= % < 10	40,597	40,597	29.0	29.0	0	0
		139,999	139,999			0	

Table 2-3b. Initial Allocation and Year-end 2006 QS Holders By Management Area and Size of QS Holding

Area	Percent Of area QS	Initial Numbers of QS holders	2006 Numbers of QS holders	Initial Pct. of Area QS holders	2006 Pct. of Area QS holders	Change in total QS holders	Percent Change in QS holders	Initial average QS holding	Year end 2006 Average
2C	% < .25	2,348	1,293	98.3	94.9	-1,055	-44.9	22,081	34,243
	.25 <= % < .5	39	61	1.6	4.5	22	56.4	184,562	198,715
	.5 <= % < 1.0	1	8	0	0.6	7	700.0	524,543	394,247
		2,388	1,362			-1,026			
3A	% < .25	3,000	1,699	97.7	124.7	-1,302	-43.4	47,449	69,680
	.25 <= % < .5	71	85	2.3	6.2	14	19.7	607,019	632,849
	.5 <= % < 1.0	0	11	0	0.8	11	100.0	0	1,157,472
		3,071	1,795			-1,277			
3B	% < .25	945	392	89.5	74.6	-552	-58.4	24,178	45,601
	.25 <= % < .5	70	82	6.6	15.6	12	17.1	191,313	187,031
	.5 <= % < 1.0	35	46	3.2	8.7	11	31.4	365,137	358,520
	1.0 <= % < 2.0	7	6	0.7	1.1	-1	-14.3	790,703	749,875
		1,056	526			-530			
4A	% < .25	422	131	79.4	49.6	-291	-68.9	8,567	8,797
	.25 <= % < .5	51	56	9.6	21.2	5	9.8	53,189	51,019
	.5 <= % < 1.0	38	52	7.2	19.7	14	36.8	105,719	108,318
	1.0 <= % < 2.0	17	24	3.2	9.1	7	41.2	188,866	193,866
	2.0 <= % < 3.0	3	1	0.6	0.4	-2	-66.7	334,974	292,244
		531	264			-267			
4B	% < .25	65	31	42.8	29.0	-34	-52.3	10,189	10,118
	.25 <= % < .5	35	17	23	15.9	-18	-51.4	35,224	34,503
	.5 <= % < 1.0	25	25	16.4	23.4	0	0.0	65,029	67,673
	1.0 <= % < 2.0	12	19	7.9	17.8	7	58.3	137,540	138,454
	2.0 <= % < 3.0	10	10	6.6	9.3	0	0.0	230,396	237,585
	3.0 <= % < 4.0	3	5	2	4.7	2	66.7	312,512	337,249
	4.0 <= % < 5.0	1	0	0.7	0.0	-1	-100.0	389,990	
	5.0 <= % < 10	1	0	0.7	0.0	-1	-100.0	490,576	
		152	107			-45			
4C	% < .25	20	13	24.7	21.0	-7	-35.0	5,065	4,297
	.25 <= % < .5	10	7	12.3	11.3	-3	-30.0	15,892	15,702
	.5 <= % < 1.0	20	8	24.7	12.9	-12	-60.0	30,173	26,862
	1.0 <= % < 2.0	18	15	22.2	24.2	-3	-16.7	52,931	56,371
	2.0 <= % < 3.0	3	8	3.7	12.9	5	166.7	92,932	101,274
	3.0 <= % < 4.0	4	5	4.9	8.1	1	25.0	136,932	130,698
	4.0 <= % < 5.0	3	3	3.7	4.8	0	0.0	182,143	169,577

Table 2-3b. continued Initial Allocation and Year-end 2006 QS Holders By Management Area and Size of QS Holding

Area	Percent Of area QS	Initial Numbers of QS holders	2006 Numbers of QS holders	Initial Pct. of Area QS holders	2006 Pct. of Area QS holders	Change in total QS holders	Percent Change in QS holders	Initial average QS holding	Year end 2006 Average
4C Cont.	5.0 <= % < 10	3	3	3.7	4.8	0	0.0	275,654	272,565
		---	---			---			
		81	62			-19			
4D	% < .25	11	3	15.9	6.4	-8	-72.7	5,420	6,282
	.25 <= % < .5	13	6	18.6	12.8	-7	-53.8	18,660	19,104
	.5 <= % < 1.0	13	6	18.8	12.8	-7	-53.8	37,356	36,945
	1.0 <= % < 2.0	19	11	27.5	23.4	-8	-42.1	69,438	67,728
	2.0 <= % < 3.0	3	9	4.3	19.1	6	200.0	110,456	118,344
	3.0 <= % < 4.0	3	5	4.3	10.6	2	66.7	179,090	172,389
	4.0 <= % < 5.0	2	2	2.9	4.3	0	0.0	227,292	230,174
	5.0 <= % < 10	5	5	7.2	10.6	0	0.0	298,653	294,142
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		69	47			-22			
4E	% < .25	49	48	47.1	46.2	-1	-2.0	164	167
	.25 <= % < .5	20	20	19.2	19.2	0	0	486	488
	.5 <= % < 1.0	10	10	9.6	9.6	0	0	1,014	1,014
	1.0 <= % < 2.0	10	10	9.6	9.6	0	0	2,090	2,090
	2.0 <= % < 3.0	6	6	5.8	5.8	0	0	3,678	3,678
	3.0 <= % < 4.0	3	3	2.9	2.9	0	0	5,039	5,039
	4.0 <= % < 5.0	2	2	1.9	1.9	0	0	6,702	6,702
	5.0 <= % < 10	4	4	3.8	3.8	0	0	10,149	10,149
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		104	103			-1			

3 Halibut: QS Transfers and QS Prices

Permanent transferability of QS is an important part of the IFQ program. Transfers allow QS to move to persons who feel that they can use it more profitably and to consolidate QS holdings and fishing operations. This chapter looks at the extent of permanent transfers and the prices paid for QS in permanent transactions during the 12 four years of the program.

Section 3.1 presents data on the volume and rate of permanent QS transfers and on the number and percentage of persons who transferred QS, summarized by management area from 1995 through 2006.

Section 3.2 presents similar data on QS transfer rates and on QS holder transfer rates, summarized by management area and vessel category from 1995 through 2006. In this section tables, "LE" means "less than or equal to" and GT means "greater than". Categories refer to the length overall at the vessel on which IFQ generally may be fished.

Section 3.3 presents estimates of average prices for permanent QS transfers broken out by management area, vessel category, and year.

3.1 Transfer Rates by Area

Table 3-1 displays data on QS transfer rates and on QS holder transfer rates by management area for each year from 1995 through 2006, and for all 12 years together. The table contains information on the QS holdings at the end of each year, the total QS permanently transferred, the QS transfer rate, the total number of QS holders at the end of the year, the total number of QS holders who transferred QS (transferors), and the rate at which QS holders transferred QS. The QS transfer rates are the ratios of QS transferred to total QS held at the end of the year, expressed as a percentage. The QS holder transfer rate is the ratio of QS transferors to total QS holders at the end of the year, expressed as a percentage. These data reflect total units transferred even if a particular unit is transferred more then once. "All Year" data reflect sums of annual QS and QS holders and QS transferors, not numbers of unique QS units or persons.

Table 3-1 shows a substantial volume of permanent QS transfers. Over all 12 years combined, the QS transfer rates range from a low of 0.2% in Area 4E (where all of the TAC had been allocated to CDQs), to a high of 13.8% in Area 4A. In each year, the lowest QS transfer rates were in Area 4E where no transfers occurred, except in 1997 and 2003. The highest QS transfer rate in any single year occurred in Area 4D in 1997 in which 24% of the QS were transferred.

In 2006 the volume of QS transferred and the QS transfer rates in each area almost always were at or lower than earlier year amounts and rates. These declines were often large. For example, in Area 3B the volume of QS transferred fell by more than half, and in area 2C it fell by almost two thirds. Aside from general consolidation and increasing value of QS, the cause of the declines is not clear.

The QS transfer rates for the 12 year period tended to be in the mid-range compared with transfer rates for the State of Alaska limited entry permits. Over the years 1995 to 2006, the ratio of the total number of limited entry permit transfers to the total number of transferable permit-years, interpreted here as the permit transfer rate, was 8.9%. Annual permit transfer rates during the period ranged from .2 % to 13.9%.[22]

Table 3-1 also reports on the QS holder transfer rates. These are the rates derived from the ratios of the number of persons transferring QS to the total number of persons holding QS at the end of the calendar year. Over the 12 years combined, these rates ranged from a low of 0.0% in Area 4E to a high of 34.5% in the year 2000 in Area 4B.

In all areas, both the number of QS transferors and the QS holder transfer rate fell from 1997 to 2006. In many cases these declines were large. For example, the numbers of QS transferors in Area 2C fell by more then 70%. These movements in the number of QS transferors and the QS holder transfer rate paralleled similar declines from 1997 to 2006 for the volume of QS transfers and the QS transfer rate.

[22]Iverson, Kurt, Al Tingley, and Elaine Dinneford. *Executive Summary. Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2004.* Alaska Commercial Fisheries Entry Commission. CFEC 99-3N-EXEC. Juneau: July 1999. Table 1, page 4. Transfer rates of State of Alaska limited entry permits and halibut QS units are not completely comparable. Limited entry permits provide an all-or-nothing access to the fishery, and leasing is prohibited, except in emergency cases. Halibut QS units can be transferred in small amounts by persons who remain in the fishery and some halibut QS units can be leased.

Table 3-1. Halibut QS Transfer Rates by Area and Year

Area	Year	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS Holder Transfer Rate %
2C	1995	58,965,237	10,488,537	17.8	2,134	447	20.9
	1996	59,025,567	8,970,321	15.2	1,920	441	23.0
	1997	59,549,860	5,952,264	10.0	1,742	320	18.4
	1998	59,551,257	3,602,291	6.0	1,685	166	9.9
	1999	59,555,379	5,990,804	10.1	1,623	164	10.1
	2000	59,633,843	6,293,229	10.6	1,582	171	10.8
	2001	59,633,843	5,011,728	8.4	1,536	152	9.9
	2002	59,635,055	4,983,251	8.4	1,511	129	8.5
	2003	59,556,591	4,858,727	8.2	1,466	162	11.1
	2004	59,556,591	4,419,506	7.4	1,413	153	10.8
	2005	59,552,039	4,910,190	8.2	1,384	131	9.5
	2006	59,552,039	3,939,219	6.6	1,362	128	9.4
	All Yrs	713,767,301	69,420,067	9.7	19,358	2,623	13.5
3A	1995	182,683,910	28,557,489	15.6	2,764	523	18.9
	1996	184,311,045	26,626,791	14.4	2,541	529	20.8
	1997	184,740,655	18,560,798	10.0	2,343	436	18.6
	1998	184,723,476	11,374,984	6.2	2,247	242	10.8
	1999	184,806,828	16,247,898	8.8	2,156	248	11.5
	2000	184,902,586	14,104,337	7.6	2,098	183	8.7
	2001	184,873,475	12,824,496	6.9	2,049	190	9.3
	2002	184,930,966	13,014,661	7.0	2,017	192	9.5
	2003	184,930,966	10,957,094	5.9	1,964	210	10.7
	2004	184,910,103	11,069,057	6.0	1,897	208	11.0
	2005	184,911,315	7,631,332	4.1	1,842	154	8.4
	2006	184,911,315	9,386,115	5.1	1,795	163	9.1
	All Yrs	2,215,636,640	180,355,052	8.1	25,713	3,360	17.5
3B	1995	53,394,413	7,332,140	13.7	957	150	15.7
	1996	53,824,727	7,576,146	14.1	838	248	29.6
	1997	53,912,549	7,184,384	13.3	715	233	32.6
	1998	53,840,588	3,077,361	5.7	669	85	12.7
	1999	53,858,666	6,368,057	11.8	630	144	22.9
	2000	53,907,509	3,939,314	7.3	609	70	11.5
	2001	53,907,509	4,297,555	8.0	586	70	11.9
	2002	54,203,176	3,871,231	7.1	577	64	11.1
	2003	54,203,176	5,052,225	9.3	577	70	12.1
	2004	54,262,333	3,182,009	5.9	557	58	10.4
	2005	54,262,333	4,125,444	7.6	546	51	9.3
	2006	54,203,176	3,812,790	7.0	526	57	10.8
	All Yrs	647,780,155	59,818,656	9.2	7,787	1,300	16.7
4A	1995	14,276,912	1,757,035	12.3	478	91	19.0
	1996	14,421,900	2,069,893	14.4	433	89	20.6
	1997	14,502,965	3,444,152	23.7	382	134	35.1
	1998	14,503,009	905,843	6.2	359	49	13.6
	1999	14,503,996	1,265,249	8.7	337	73	21.7
	2000	14,503,996	2,865,572	19.8	315	47	15.9
	2001	14,503,996	1,613,476	11.1	295	37	12.8
	2002	14,503,996	1,785,424	12.3	290	40	14.2
	2003	14,587,099	1,497,414	10.3	282	42	15.0
	2004	14,587,099	2,187,984	15.0	280	48	17.1
	2005	14,587,099	2,710,554	18.6	271	53	19.6
	2006	14,587,099	1,877,975	12.9	264	34	12.9
	All Yrs	174,069,166	23,980,571	13.8	3,986	753	18.9
4B	1995	9,022,264	408,998	4.5	145	13	9.0
	1996	9,281,377	432,444	4.7	141	12	8.5
	1997	9,284,774	1,799,544	19.4	132	32	24.2
	1998	9,284,774	579,841	6.2	124	15	12.1
	1999	9,284,774	1,111,136	12.0	117	30	25.6
	2000	9,284,774	1,914,907	20.6	113	39	34.5
	2001	9,284,774	1,344,646	14.5	112	24	21.4
	2002	9,284,774	673,761	7.3	108	14	13.0
	2003	9,284,774	1,388,207	15.0	108	23	21.3
	2004	9,284,774	1,286,251	13.9	107	11	10.3

Table 3-1 continued. Halibut QS Transfer Rates by Area and Year

Area	Year	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS Holder Transfer Rate %
4B	2005	9,284,774	750,014	8.1	106	11	10.4
Cont.	2006	9,284,774	547,715	5.9	107	8	7.5
	All Yrs	111,151,381	12,237,464	11.0	1,420	232	16.3
4C	1995	3,969,186	105,330	2.7	80	3	3.8
	1996	3,969,186	614,446	15.5	80	5	6.3
	1997	3,969,186	380,063	9.6	77	9	11.7
	1998	3,969,186	213,635	5.4	72	7	9.7
	1999	3,969,186	219,964	5.5	71	3	4.2
	2000	3,969,186	222,741	5.6	69	9	13.0
	2001	3,969,186	720,578	18.2	62	12	19.4
	2002	3,969,186	0	0.0	61	0	0.0
	2003	4,016,352	463,048	11.5	63	4	6.3
	2004	4,016,352	379,272	9.4	63	5	7.9
	2005	4,016,352	423,476	10.5	63	8	12.7
	2006	4,016,352	32,196	0.8	62	1	1.6
	All Yrs	47,818,896	3,774,749	7.9	823	66	8.0
4D	1995	4,685,996	109,563	2.3	67	2	3.0
	1996	4,790,491	438,168	9.1	68	5	7.4
	1997	4,790,491	1,150,444	24.0	61	21	34.4
	1998	4,746,318	323,172	6.8	56	11	19.6
	1999	4,825,103	371,428	10.9	53	8	15.1
	2000	4,869,276	739,320	15.2	52	15	28.8
	2001	4,869,276	837,814	17.2	50	11	22.0
	2002	4,869,276	952,345	19.6	48	12	25.0
	2003	4,958,250	603,474	12.2	49	9	18.4
	2004	4,958,250	328,087	6.6	49	3	6.1
	2005	4,958,250	105,158	2.1	47	3	6.4
	2006	4,958,250	0	0.0	47	0	0.0
	All Yrs	58,279,227	5,958,973	10.2	648	100	16.0
4E	1995	139,999	0	0.0	104	0	0.0
	1996	139,999	0	0.0	104	0	0.0
	1997	139,999	1,856	1.3	104	1	1.0
	1998	139,999	0	0.0	104	0	0.0
	1999	139,999	0	0.0	104	0	0.0
	2000	139,999	0	0.0	104	0	0.0
	2001	139,999	0	0.0	104	0	0.0
	2002	139,999	0	0.0	104	0	0.0
	2003	139,999	698	0.5	103	2	1.0
	2004	139,999	0	0.0	103	0	0.0
	2005	139,999	0	0.0	103	0	0.0
	2006	139,999	0	0.0	103	0	0.0
	All Yrs	1,679,988	2,554	0.2	1,244	3	0.2

3.2 Transfer Rates by Area and Vessel Category

The annual QS and QS holder transfer rates for each area and vessel category are shown in Table 3-2. Data are provided for 1995 through 2006, and for all 12 years together. The variables shown in this table are those presented in Table 3-1, however the observations include more detailed management area and vessel category breakouts, as opposed to the management area summaries presented in Table 3-1.

Table 3-2 contains information on the QS holdings at the end of the year, the total QS permanently transferred, the QS transfer rate, the total number of QS holders at the end of the year, the total number of QS holders who transferred QS (transferors), and the rate at which QS holders transferred QS. The QS transfer rates are the ratios of QS transferred to total QS held at the end of the year, expressed as a percentage. The QS holder transfer rate is the ratio of QS transferors to total QS holders at the end of the year, also expressed as a percentage.

QS transfer rates often diverged widely between vessel categories within an area. For example, over the 12-year period, the average QS transfer rate for freezer vessels in Area 2C was only 6.3% , while the rate for "greater than 60 feet" catcher vessel QS was 20% . Similarly, the transfer rate for "less than or equal to 35 feet" catcher vessel QS in Area 4C was 5.3% , while the rate for freezer vessel QS was 33.3% . QS holder transfer rates also showed large differences between vessel categories.

In Areas 2C through 4A the "12-year" freezer QS transfer rates tended to be relatively small compared to the catcher vessel category QS transfer rates. However, in Areas 4B, 4C, and 4D, freezer vessel transfer rates were larger than the catcher vessel transfer rates. In Area 4E one of the catcher vessel categories had a nonzero transfer rate due to activity in only one year; no freezer vessel QS has been issued in Area 4E.

Table 3-2. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
2C	1995	Freezer	1,233,704	14,957	1.2	30	2	6.7
		GT 60 ft	2,900,705	454,014	15.7	125	18	14.4
		36-60 ft	45,222,555	8,021,093	17.7	1,019	279	27.4
		LE 35 ft	9,608,273	1,998,473	20.8	984	152	15.4
	1996	Freezer	1,243,061	170,327	13.7	29	9	31.0
		GT 60 ft	2,791,577	702,729	25.2	102	32	31.4
		36-60 ft	45,810,132	6,233,633	13.6	954	247	25.9
		LE 35 ft	9,180,797	1,863,632	20.3	871	158	18.1
	1997	Freezer	1,249,141	33,187	2.7	29	5	17.2
		GT 60 ft	2,709,684	373,203	13.8	91	16	17.6
		36-60 ft	46,498,798	4,489,620	9.7	873	180	20.6
		LE 35 ft	9,092,237	1,056,254	11.6	793	122	15.4
	1998	Freezer	1,249,141	31,432	2.5	29	2	6.9
		GT 60 ft	2,702,528	240,851	8.9	83	13	15.7
		36-60 ft	46,512,181	2,695,091	5.8	855	95	11.1
		LE 35 ft	9,087,407	634,917	7.0	758	56	7.4
	1999	Freezer	1,249,141	50,526	4.0	29	3	10.3
		GT 60 ft	2,678,909	188,220	7.0	80	8	10.0
		36-60 ft	46,544,193	4,735,115	10.2	837	129	15.4
		LE 35 ft	9,083,136	1,016,943	11.2	721	83	11.5
	2000	Freezer	1,249,141	410,578	32.9	28	9	32.1
		GT 60 ft	2,673,679	788,254	29.5	78	18	23.1
		36-60 ft	46,605,215	4,172,953	9.0	820	111	13.5
		LE 35 ft	8,990,388	921,444	10.2	666	61	9.2
	2001	Freezer	1,249,141	85,199	6.8	28	2	7.1
		GT 60 ft	2,666,906	974,052	36.5	76	15	19.7
		36-60 ft	8,966,727	3,287,359	36.7	655	92	14.0
		LE 35 ft	46,725,587	665,118	1.4	802	45	5.6
	2002	Freezer	1,249,141	74,444	6.0	28	1	3.57
		GT 60 ft	2,666,906	757,578	28.4	77	10	12.9
		36-60 ft	46,725,643	3,361,459	7.2	791	70	8.9
		LE 35 ft	8,970,614	789,770	8.8	654	50	7.7
	2003	Freezer	1,249,141	0	0.0	28	0	0.0
		GT 60 ft	2,666,906	595,744	22.3	74	12	16.2
		36-60 ft	46,657,330	3,329,604	7.1	783	90	11.5
		LE 35 ft	8,971,548	933,379	10.4	630	61	9.7
	2004	Freezer	1,249,141	0	0.0	28	0	0.0
		GT 60 ft	2,655,979	511,929	19.3	71	6	8.5
		36-60 ft	46,642,863	3,046,237	6.5	758	85	11.2
		LE 35 ft	8,974,933	861,340	9.6	601	63	10.5
	2005	Freezer	1,249,141	13,353	1.1	28	0	0.0
		GT 60 ft	2,653,410	492,437	18.6	70	6	8.6
		36-60 ft	46,666,634	3,822,114	8.2	755	85	11.3
		LE 35 ft	8,977,960	582,286	6.5	579	63	10.9
	2006	Freezer	1,249,141	58,757	4.7	28	0	0.0
		GT 60 ft	2,653,410	412,249	15.5	70	6	8.6
		36-60 ft	46,670,959	3,137,824	6.7	747	85	11.4
		LE 35 ft	8,973,635	296,077	3.3	561	63	11.2
	All Yrs	Freezer	14,968,175	942,760	6.3	342	33	9.6
		GT 60 ft	32,420,599	6,491,260	20.0	997	158	15.8
		36-60 ft	557,282,090	49,949,684	9.0	9,847	1,534	15.6
		LE 35 ft	108,877,655	11,619,633	10.7	8,620	982	11.4
3A	1995	Freezer	4,156,950	164,789	4.0	37	2	5.4
		GT 60 ft	67,514,777	10,588,079	15.7	274	82	29.9
		36-60 ft	97,630,610	14,700,637	15.1	1,349	284	21.1
		LE 35 ft	13,381,573	3,103,984	23.2	1,163	161	13.8
	1996	Freezer	4,736,344	210,053	4.4	38	5	13.2
		GT 60 ft	68,251,744	7,135,866	10.5	281	72	25.6
		36-60 ft	98,459,927	16,201,562	16.5	1,248	316	25.3
		LE 35 ft	12,863,030	3,079,310	23.9	1,062	145	13.7
	1997	Freezer	4,755,112	391,508	8.2	38	7	18.4
		GT 60 ft	68,298,684	6,583,233	9.6	277	52	18.8

Table 3-2 continued. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate
3A Cont.	1997	36-60 ft	98,862,582	9,942,793	10.1	1,151	243	21.1
		LE 35 ft	12,824,277	1,643,264	12.8	972	146	15.0
	1998	Freezer	4,755,112	471,833	9.9	37	3	8.1
		GT 60 ft	68,347,490	2,200,081	3.2	277	40	14.4
		36-60 ft	98,745,121	6,558,793	6.6	1,111	128	11.5
		LE 35 ft	12,875,753	2,144,277	16.7	923	76	8.2
	1999	Freezer	4,755,112	53,125	0.0	37	0	0.0
		GT 60 ft	68,482,506	4,517,599	6.6	277	0	0.0
		36-60 ft	98,803,343	8,486,347	8.6	1,083	179	16.5
		LE 35 ft	12,765,867	2,201,000	17.2	874	106	12.1
	2000	Freezer	4,755,112	7,618	0.2	37	2	5.4
		GT 60 ft	68,482,506	4,842,359	7.1	277	27	9.8
		36-60 ft	98,803,343	8,420,496	8.5	1,083	113	10.4
		LE 35 ft	12,765,867	833,864	6.6	874	49	5.6
	2001	Freezer	4,773,130	257,469	5.4	36	1	2.8
		GT 60 ft	68,536,307	4,109,271	6.0	281	25	8.9
		36-60 ft	98,820,382	7,336,036	7.4	1027	118	11.5
		LE 35 ft	12,706,090	1,121,720	8.8	784	52	6.6
	2002	Freezer	4,773,130	11,828	0.2	35	2	5.7
		GT 60 ft	68,536,316	3,947,540	5.8	280	28	10.0
		36-60 ft	98,820,640	7,190,961	7.3	1,005	120	11.9
		LE 35 ft	12,708,269	1,864,332	14.7	790	46	5.8
	2003	Freezer	4,773,130	201,764	4.2	35	4	11.4
		GT 60 ft	68,538,320	3,560,299	5.2	284	24	8.5
		36-60 ft	98,878,122	5,650,829	44.5	985	113	11.5
		LE 35 ft	12,706,265	1,544,202	1.6	767	71	9.3
	2004	Freezer	4,773,130	115,745	2.4	35	3	8.6
		GT 60 ft	68,519,881	2,318,027	3.4	280	25	8.9
		36-60 ft	98,752,357	7,398,098	59.1	958	113	11.8
		LE 35 ft	12,512,055	1,237,187	1.3	727	78	10.7
	2005	Freezer	4,773,130	113,947	2.4	35	2	5.7
		GT 60 ft	68,519,881	1,300,603	1.9	279	27	9.7
		36-60 ft	98,667,727	869,634	0.9	940	23	2.4
		LE 35 ft	12,711,407	426,370	3.4	702	17	2.4
	2006	Freezer	4,773,130	8,406	0.2	35	2	5.7
		GT 60 ft	68,559,245	2,828,836	4.1	282	27	9.6
		36-60 ft	98,878,116	5,762,764	5.8	923	135	14.6
		LE 35 ft	12,678,723	786,109	6.2	678	53	7.8
	All Yrs	Freezer	56,570,540	2,008,085	3.9	435	33	8.8
		GT 60 ft	820,285,516	53,931,793	6.6	3,347	429	14.9
		36-60 ft	1,183,935,516	98,518,950	10.2	12,819	1,885	15.9
		LE 35 ft	153,303,723	19,985,619	5.5	10,236	1,000	9.6
3B	1995	Freezer	1,525,163	148,216	9.7	20	1	5.0
		GT 60 ft	29,676,351	3,443,909	11.6	195	58	29.7
		36-60 ft	20,234,235	3,444,421	17.0	511	81	15.9
		LE 35 ft	1,958,664	295,594	15.1	253	12	4.7
	1996	Freezer	1,587,671	166,975	10.5	18	7	38.9
		GT 60 ft	29,930,873	2,881,424	9.6	182	95	52.2
		36-60 ft	20,598,405	3,988,982	19.4	483	120	24.8
		LE 35 ft	1,707,778	538,765	31.5	188	28	14.9
	1997	Freezer	1,593,155	8,498	0.5	18	2	11.1
		GT 60 ft	29,952,504	3,317,731	11.1	178	42	23.6
		36-60 ft	20,668,535	3,338,394	16.2	394	151	38.3
		LE 35 ft	1,698,355	519,761	30.6	160	46	28.8
	1998	Freezer	1,593,155	2,766	0.2	18	1	5.6
		GT 60 ft	29,944,248	581,437	1.9	175	23	13.1
		36-60 ft	20,621,534	2,264,440	11.0	374	47	12.6
		LE 35 ft	1,681,651	228,718	13.6	139	17	12.2
	1999	Freezer	1,593,155	368,719	23.1	19	4	21.1
		GT 60 ft	29,979,847	2,744,951	9.2	180	31	17.2
		36-60 ft	20,621,534	2,223,730	10.8	346	60	17.3
		LE 35 ft	1,664,130	236,713	14.2	121	16	13.2

Table 3-2 continued. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
3B Cont.	2000	Freezer	1,593,155	0	0.0	19	0	0.0
		GT 60 ft	29,944,248	1,703,259	5.8	174	21	12.1
		36-60 ft	20,621,534	1,971,137	9.5	332	43	13.0
		LE 35 ft	1,681,651	264,918	16.0	111	8	7.2
	2001	Freezer	1,593,155	352,418	22.1	18	2	11.1
		GT 60 ft	29,944,248	2,633,921	8.8	175	25	14.3
		36-60 ft	20,621,534	1,234,278	6.0	323	42	13.0
		LE 35 ft	1,681,651	76,938	4.6	105	5	4.8
	2002	Freezer	1,593,155	148,216	9.3	18	1	5.6
		GT 60 ft	29,944,248	1,925,030	6.4	177	18	10.2
		36-60 ft	20,621,534	1,593,678	7.7	315	41	13.0
		LE 35 ft	1,681,651	204,307	12.3	103	8	7.8
	2003	Freezer	1,593,155	171,006	10.7	17	2	11.8
		GT 60 ft	1,659,507	1,964,924	118.4	102	19	18.6
		36-60 ft	29,983,521	2,626,343	8.8	179	46	25.7
		LE 35 ft	20,965,849	289,952	1.4	314	5	1.6
	2004	Freezer	1,593,155	23,949	1.5	17	1	5.9
		GT 60 ft	29,975,274	650,552	2.2	177	12	6.8
		36-60 ft	20,965,849	2,374,910	11.3	300	42	14.0
		LE 35 ft	1,659,507	132,598	8.0	99	7	7.1
	2005	Freezer	1,593,155	23,949	1.5	17	1	5.9
		GT 60 ft	29,975,274	650,552	2.2	177	12	6.8
		36-60 ft	20,965,849	2,374,910	11.3	300	42	14.0
		LE 35 ft	1,659,507	132,598	8.0	99	7	7.1
	2006	Freezer	1,593,155	255,974	16.1	17	2	11.8
		GT 60 ft.	29,987,611	1,655,713	5.5	179	18	10.1
		36-60 ft.	20,966,072	1,757,891	8.4	290	33	11.4
		LE 35 ft.	1,656,338	143,212	8.6	93	9	9.7
	All Yrs	Freezer	19,044,384	1,646,737	8.6	216	23	10.6
		GT 60 ft	359,487,927	25,984,924	7.2	2,155	379	17.6
		36-60 ft	248,619,606	29,134,771	11.7	4,295	734	17.1
		LE 35 ft	20,332,571	2,988,586	14.7	1,592	158	9.9
4A	1995	Freezer	588,884	58,866	10.0	17	1	5.9
		GT 60 ft	8,350,730	587,903	7.0	136	40	29.4
		36-60 ft	4,243,601	896,719	21.1	135	28	20.7
		LE 35 ft	1,093,697	213,547	19.5	200	22	11.0
	1996	Freezer	617,547	172,451	27.9	17	3	17.6
		GT 60 ft	8,478,868	769,298	9.1	139	40	28.8
		36-60 ft	4,267,424	905,293	21.2	126	31	24.6
		LE 35 ft	1,058,061	222,851	21.1	168	15	8.9
	1997	Freezer	619,003	2,590	0.4	17	3	17.6
		GT 60 ft	8,532,238	1,694,690	19.9	130	33	25.4
		36-60 ft	4,280,423	1,301,974	30.4	107	57	53.3
		LE 35 ft	1,071,301	444,898	41.5	151	41	27.2
	1998	Freezer	619,003	734	0.1	17	1	5.9
		GT 60 ft	8,531,883	327,750	3.8	124	23	18.5
		36-60 ft	4,287,490	372,816	8.7	100	16	16.0
		LE 35 ft	1,064,633	204,543	19.2	138	9	6.5
	1999	Freezer	619,003	114,681	18.5	17	3	17.6
		GT 60 ft	8,540,086	659,578	7.7	117	30	25.6
		36-60 ft	4,287,490	294,764	6.9	98	13	13.3
		LE 35 ft	1,057,417	196,226	18.6	124	10	8.1
	2000	Freezer	63,098	63,098	10.2	17	1	5.9
		GT 60 ft	2,159,073	2,159,073	25.4	113	36	31.9
		36-60 ft	447,559	447,559	10.4	95	19	20.0
		LE 35 ft	195,842	195,842	19.1	106	10	9.4
	2001	Freezer	619,003	81,342	13.1	15	5	33.3
		GT 60 ft	8,545,529	752,695	8.8	109	21	19.3
		36-60 ft	4,287,472	619,490	14.4	89	19	21.3
		LE 35 ft	1,051,457	159,949	15.2	100	6	6.0
	2002	Freezer	619,003	0	0.0	15	0	0.0
		GT 60 ft	8,531,883	1,129,957	13.2	110	22	20.0

Table 3-2 continued. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4A Cont.		36-60 ft	4,287,490	383,160	8.9	92	11	12.0
		LE 35 ft	1,064,633	272,307	25.6	96	11	11.5
	2003	Freezer	619,003	0	0.0	15	0	0.0
		GT 60 ft	8,546,354	741,847	8.7	108	17	15.7
		36-60 ft	4,370,593	481,503	11.0	92	17	18.5
		LE 35 ft	1,050,945	274,064	26.1	92	10	10.9
	2004	Freezer	619,003	696	0.1	14	1	7.1
		GT 60 ft	8,546,354	831,512	9.7	108	17	15.7
		36-60 ft	4,370,593	1,072,241	24.5	90	17	18.9
		LE 35 ft	1,050,945	283,535	27.0	92	9	9.5
	2005	Freezer	619,003	113,947	18.4	12	2	16.7
		GT 60 ft	8,546,652	1,300,603	15.2	106	23	21.7
		36-60 ft	4,370,615	869,634	19.9	91	19	20.9
		LE 35 ft	1,050,625	426,370	40.6	91	12	13.2
	2006	Freezer	553,489	0	0.0	12	0	0.0
		GT 60 ft	7,114,526	770,077	10.8	106	12	17.9
		36-60 ft	1,347,763	881,040	65.4	91	18	56.3
		LE 35 ft	268,996	226,858	84.3	86	7	43.8
	All Yrs	Freezer	7,396,461	608,405	8.2	185	20	10.8
		GT 60 ft	102,257,660	11,724,983	11.5	1,415	299	21.1
		36-60 ft	51,711,314	8,526,193	16.5	1,026	266	25.9
		LE 35 ft	12,703,731	3,120,990	24.6	1,285	143	11.1
4B	1995	Freezer	322,852	0	0.0	7	0	0.0
		GT 60 ft	7,100,366	259,872	3.7	78	8	10.3
		36-60 ft	1,333,447	149,126	11.2	34	5	14.7
		LE 35 ft	265,599	0	0.0	27	0	0.0
	1996	Freezer	553,489	0	0.0	8	0	0.0
		GT 60 ft	7,114,526	317,384	4.5	77	7	9.1
		36-60 ft	1,347,763	98,981	7.3	33	2	6.1
		LE 35 ft	265,599	16,079	6.1	26	3	11.5
	1997	Freezer	553,489	312,602	56.5	7	3	42.9
		GT 60 ft	7,114,526	1,216,374	17.1	72	19	26.4
		36-60 ft	1,347,763	260,065	19.3	29	9	31.0
		LE 35 ft	268,996	10,503	3.9	26	2	7.7
	1998	Freezer	553,489	105,248	19.0	7	1	14.3
		GT 60 ft	7,114,526	350,032	4.9	70	7	10.0
		36-60 ft	1,347,763	112,451	8.3	28	6	21.4
		LE 35 ft	268,996	12,110	4.5	25	1	4.0
	1999	Freezer	553,489	0	00	7	1	14.3
		GT 60 ft	7,114,526	627,384	0	70	7	10.0
		36-60 ft	1,347,763	145,873	0	28	6	21.4
		LE 35 ft	268,996	83,277	0	25	1	4.0
	2000	Freezer	553,489	105,831	19.1	7	3	42.9
		GT 60 ft	7,054,632	1,362,569	19.3	67	22	32.8
		36-60 ft	1,347,763	336,885	25.0	28	12	42.9
		LE 35 ft	268,656	109,622	40.8	18	6	33.3
	2001	Freezer	553,489	0	0.0	7	0	0.0
		GT 60 ft	7,114,526	926,376	13.0	71	11	15.5
		36-60 ft	1,347,763	238,235	17.7	31	6	19.4
		LE 35 ft	268,996	180,035	66.9	17	8	47.1
	2002	Freezer	553,489	105,248	19.0	7	1	14.3
		GT 60 ft	7,114,526	350,032	4.9	70	7	10.0
		36-60 ft	1,347,763	112,451	8.3	28	6	21.4
		LE 35 ft	268,996	12,110	4.5	25	1	4.0
	2003	Freezer	553,489	105,248	19.0	7	1	14.3
		GT 60 ft	7,114,526	350,032	4.9	70	7	10.0
		36-60 ft	1,347,763	112,451	8.3	28	6	21.4
		LE 35 ft	268,996	12,110	4.5	25	1	4.0
	2004	Freezer	553,489	0	0.0	7	0	0.0
		GT 60 ft	7,114,526	1,194,758	16.8	68	10	14.7
		36-60 ft	1,347,763	91,493	6.8	32	3	9.4
		LE 35 ft	268,996	0	0.0	16	0	0.0
	2005	Freezer	553,489	0	0.0	7	0	0.0
		GT 60 ft	7,114,526	635,373	8.9	66	8	12.1

Table 3-2 continued. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4b Cont.		36-60 ft	1,347,763	114,641	8.5	32	3	9.4
		LE 35 ft	268,996	0	0.0	16	0	0.0
	2006	Freezer	553,489	0	0.0	7	0	0.0
		GT 60 ft	7,114,526	440,034	6.2	67	5	7.5
		36-60 ft	1,347,763	107,681	8.0	32	4	12.5
		LE 35 ft	268,996	32,196	12.0	16	1	6.3
	All	Freezer	6,476,745	588,254	9.1	85	9	10.6
	Years	GT 60 ft	86,777,509	9,184,751	10.6	842	135	16.0
		36-60 ft	19,098,567	2,006,829	10.5	371	65	17.5
		LE 35 ft	4,016,795	494,826	12.3	240	31	12.9
4C	1995	Freezer	18,876	37,752	200.0	1	2	200.0
		GT 60 ft	1,767,422	0	0.0	29	0	0.0
		36-60 ft	1,007,084	67,578	6.7	20	1	5.0
		LE 35 ft	1,175,804	0	0.0	31	0	0.0
	1996	Freezer	18,876	37,752	200.0	1	2	200.0
		GT 60 ft.	1,620,607	0	0.0	28	0	0.0
		36-60 ft.	820,661	0	0.0	19	0	0.0
		LE 35 ft.	1,509,042	576,694	38.2	33	4	12.1
	1997	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft.	1,620,607	264,166	16.3	28	6	21.4
		36-60 ft.	820,661	115,897	14.1	18	3	16.7
		LE 35 ft.	1,509,042	0	0.0	33	0	0.0
	1998	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft.	1,620,607	106,938	6.6	26	4	15.4
		36-60 ft.	820,661	92,984	11.3	17	3	17.6
		LE 35 ft.	1,509,042	13,713	0.9	32	1	3.1
	1999	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft.	1,620,607	13,128	0.8	26	1	3.8
		36-60 ft.	820,661	206,836	25.2	17	2	11.8
		LE 35 ft.	1,509,042	0	0.0	32	0	0.0
	2000	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft.	1,620,607	29,810	1.8	25	3	12.0
		36-60 ft.	820,661	38,813	4.7	16	3	18.8
		LE 35 ft.	1,509,042	154,118	10.2	33	3	9.1
	2001	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft.	1,620,607	408,597	25.2	24	7	29.2
		36-60 ft.	820,661	287,706	35.1	12	5	41.7
		LE 35 ft.	1,509,042	24,275	1.6	32	1	3.1
	2002	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft.	1,620,607	0	0.0	23	0	0.0
		36-60 ft.	820,661	0	0.0	11	0	0.0
		LE 35 ft.	1,509,042	0	0.0	32	0	0.0
	2003	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft	1,620,607	128,008	7.9	23	1	4.3
		36-60 ft	820,661	335,040	38.6	13	3	23.1
		LE 35 ft	1,509,042	0	0.0	32	0	0.0
	2004	Freezer	18,876	64,996	4.0	23	2	8.7
		GT 60 ft	1,620,607	314,276	36.2	13	4	30.8
		36-60 ft	820,661	0	0.0	32	0	0.0
		LE 35 ft	1,509,042	0	0.0	17	0	0.0
	2005	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft	1,620,607	141,389	8.7	23	3	13.0
		36-60 ft	820,661	146,628	16.9	13	2	15.4
		LE 35 ft	1,509,042	135,459	9.0	33	3	9.1
	2006	Freezer	18,876	0	0.0	1	0	0.0
		GT 60 ft	1,620,607	0	0.0	23	0	0.0
		36-60 ft	867,827	0	0.0	13	0	0.0
		LE 35 ft	1,509,042	32,196	2.1	32	1	3.1
	All Yrs	Freezer	226,512	75,504	33.3	12	4	33.3
		GT 60 ft	19,594,099	1,157,032	5.9	301	27	9.0
		36-60 ft	10,223,019	1,605,758	15.7	186	26	14.0
		LE 35 ft	17,775,266	936,455	5.3	387	13	3.4

Table 3-2 continued. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4D	1995	Freezer	355,318	0	0.0	5	0	0.0
		GT 60 ft	3,975,433	69,848	1.8	49	1	2.0
		36-60 ft	355,245	39,715	11.2	14	1	7.1
	1996	Freezer	413,936	154,426	37.3	6	1	16.7
		GT 60 ft	4,021,310	283,742	7.1	49	4	8.2
		36-60 ft	355,245	0	0.0	14	0	0.0
	1997	Freezer	413,936	145,364	35.1	5	3	60.0
		GT 60 ft	4,021,310	846,912	21.1	47	13	27.7
		36-60 ft	355,245	158,168	44.5	13	5	38.5
	1998	Freezer	413,936	58,618	14.2	5	1	20.0
		GT 60 ft	4,021,310	244,340	6.1	43	10	23.3
		36-60 ft	311,072	20,214	6.5	11	2	18.2
	1999	Freezer	413,936	58,618	14.2	5	1	20.0
		GT 60 ft	4,100,095	281,832	6.9	43	10	23.3
		36-60 ft	311,072	30,978	10.0	11	2	18.2
	2000	Freezer	413,936	0	0.0	4	0	0.0
		GT 60 ft	4,100,095	603,324	14.7	42	10	23.8
		36-60 ft	355,245	135,996	38.3	9	5	55.6
	2001	Freezer	413,936	0	0.0	4	0	0.0
		GT 60 ft	4,100,095	521,466	12.7	41	9	22.0
		36-60 ft	355,245	316,348	89.1	9	5	55.6
	2002	Freezer	413,936	0	0.0	4	0	0.0
		GT 60 ft	4,100,095	726,969	17.7	40	10	25.0
4D		36-60 ft	355,245	225,376	63.4	10	4	40.0
Cont.	2003	Freezer	413,936	0	0.0	4	0	0.0
		GT 60 ft	4,100,095	482,782	11.8	40	8	20.0
		36-60 ft	444,219	120,692	27.2	11	2	18.2
	2004	Freezer	413,936	55,528	13.4	4	1	25.0
		GT 60 ft	4,100,095	272,559	6.6	40	2	5.0
		36-60 ft	444,219	0	0.0	11	0	0.0
	2005	Freezer	413,936	0	0.0	4	0	0.0
		GT 60 ft	4,100,095	44,647	1.1	39	2	5.1
		36-60 ft	444,219	60,511	13.6	11	2	18.2
	2006	Freezer	413,936	0	0.0	4	0	0.0
		GT 60 ft	4,100,095	0	0.0	39	0	0.0
		36-60 ft	444,219	0	0.0	11	0	0.0
	All Yrs	Freezer	4,908,614	470,554	9.6	49	6	12.2
		GT 60 ft	48,840,123	4,378,421	9.0	469	69	14.7
		36-60 ft.	4,530,490	1,107,998	24.5	135	28	20.7
4E	1995	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	0	0.0	95	0	0.0
	1996	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	0	0.0	95	0	0.0
	1997	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	1,856	5.0	7	1	14.3
		LE 35 ft	91,791	0	0.0	95	0	0.0
	1998	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	0	0.0	95	0	0.0
	1999	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	0	0.0	95	0	0.0
	2000	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	0	0.0	95	0	0.0
	2002	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	0	0.0	95	0	0.0
	2003	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,791	698	0.8	93	2	2.2
	2004	GT 60 ft	11,176	0	0.0	2	0	0.0

Table 3-2 continued. Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4E Cont.	2004	36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,563	0	0.0	93	0	0.0
	2005	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,563	0	0.0	93	0	0.0
	2006	GT 60 ft	11,176	0	0.0	2	0	0.0
		36-60 ft	37,032	0	0.0	7	0	0.0
		LE 35 ft	91,563	0	0.0	93	0	0.0
	All Yrs	GT 60 ft	134,112	0	0.0	24	0	0.0
		36-60 ft	407,556	1,856	0.6	82	1	1.5
		LE 35 ft	1,098,349	698	0.1	1,129	6	0.6

3.3 QS Sales Prices

This section uses information on 1995 to 2006 transfers to provide estimates of average prices per unit of halibut QS. Due to a significant database change, 1999 data are not available in the following tables.

Table 3-3 shows estimated weighted average annual prices per QS unit transferred by area from 1995 to 2006. QS may be transferred without all of the associated current-year IFQs. The prices shown in this table were calculated from transfers in which the actual current year IFQ transferred with the QS was within 5% of the standard IFQ per unit of QS in that year and management area.[24]
Table 3-3 also shows pounds of IFQ, the amount of QS, and the number of transfers used to produce the estimates.

Table 3-3 shows that through 2006 the estimated average prices of QS, in dollars per QS unit, ranged from a low of $0.44 for Area 3B QS in 1995 to a high of $3.31 for Area 2C QS in 2006. Quota share prices in dollars per QS unit are not comparable across areas because the ratio of IFQs to QS differs from area to area and may differ from year to year as TACs change.

QS prices in dollars per pound of associated IFQ are more comparable across areas. These prices ranged from a low of $3.68 in Area 4C in 2000 to a high of $18.43 in Area 2C in 2006. The estimated average prices in dollars per IFQ rose from 1995 to 1998 and then fell in 2000 in Areas 2C, 3A, and 3B. In Area 4A they rose from 1995 to 1996, but were relatively unchanged from 1996 to 1997, and then climbed through 2006. In the other areas there are relatively small numbers of transactions and there is insufficient information to determine price trends.

Table 3-4 provides a more detailed breakout of QS price estimates by management area and vessel category. The variables shown in Table 3-4 are the same as in Table 3-3.

[24]Standard IFQs were calculated by multiplying the amount of QS by the ratio of the area's total allowable catch to the amount of QS in the area's QS pool on January 31st of the year. NMFS-RAM supplied this ratio.

In many of the area and vessel category combinations there are so few transactions confidentiality standards do not permit disclosing data. In some cases where estimated prices are reported, they are based on smaller number of transactions.[25] There are, however, enough transactions to report QS prices for the catcher vessel categories in Areas 2C, 3A, 3B, and 4A and some general observation that QS prices tend to be higher in larger catcher vessel categories. In each year QS prices in the "greater than 60 feet" catcher vessel category tended to be higher than QS prices in the "36 to 60 feet" category; prices tend to be even lower in the "less than or equal to 35 feet" category.

In Areas 2C through 4A, estimated catcher vessel average prices tended to increase from 1995 to 1997 and then fall in 1998-2002 only to increase again towards 2006. These QS price movements occurred during a period of rising TACs. The overall Alaska TAC grew enormously during this period, leading to large increases in IFQs. IFQs rose from about 37.4 million pounds in 1995 to about 53.3 million pounds in 2006.

These TAC increases were accompanied by declines in ex-vessel prices in 1997 and 2004 however.[26] Prices rose somewhat from 1995 to 1996 (from $2.03 per pound to $2.24); however they declined from 1996 to 1997 (from $2.24 to $2.16) and declined significantly from 1997 to 2000 (from $2.16 to $1.27). More recent ex-vessel prices have been higher.

Table 3-5 provides associated annual QS price information for transfers in which QS was sold without any of the current year IFQ. To avoid confusion, prices are provided only in dollars per QS unit. There are fewer of these types of transactions than there are of transfers of QS with all or most IFQs. Prices can only be reported for five management areas. Note that, as before, prices in dollars per QS unit are not comparable across management areas due to differences in the amount of IFQ per unit of QS.

The available estimates of average prices in Table 3-5 range from a low of $0.47 per QS unit in Area 3B in 1995 to a high of $3.18 per QS unit in Area 2C in 2006. In Areas 2C, 3A, and 4A, estimated average prices rose from one year to the next from 1995 to 1997 and then fell in 2000. Then the price continued to rise to 2006.

Table 3-6 is similar to Table 3-5, differing by providing a more detailed breakout of price estimates. In Table 3-6 prices are shown by management area, vessel category, and year. Because of the small numbers of observations, in many cases prices cannot be reported.

In all of these tables, there are several caveats associated with the reported statistics. The information provided on the NMFS transfer application forms can be ambiguous. The form does not explicitly differentiate between sale transfers and other transfers. Sale transfer observations used in the tables in this section were selected because prices were supplied. Other sale transfer observations, for which no prices were supplied, could not be used to estimate these prices.

[25]Prices were not reported if they were calculated from fewer than four observations. In addition, some prices with more than three observations were not reported when doing so would have made it possible to calculate confidential prices from other information in the report.

[26]The prices discussed in this paragraph are CFEC estimates from Alaska Commercial Operators' Annual Reports on halibut delivered to Alaska processors. Tables in chapter 15 gives ex-vessel prices posted each year.

The transfer application forms from which pricing data were gathered also differed somewhat as NMFS attempted to improve data quality. For example, the 1995 form requested prices net of brokers' fees, while the 1996 form requested prices including fees.[27]

The associated current year IFQ is important in determining QS prices, but the ratio of IFQ to QS can vary between holdings within a management area due to underages and overages from the preceding year. In addition, only a portion of the associated current year IFQ might have been transferred with the QS. This makes it harder to calculate a meaningful average price per QS unit within a management area. On this report we dealt with this difficulty by calculating QS prices for QS sold with "approximately" the associated current year IFQ and for QS sold with no current year IFQ.

Table 3-3. Annual Prices for Halibut QS and IFQ Transfers by Area and Year

Area	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
2C	1995	7.58	1.21	996,874	1.14	0.18	6,629,554	315
	1996	9.13	2.71	681,056	1.37	0.41	4,539,813	289
	1997	11.37	2.53	517,715	1.92	0.43	3,057,477	211
	1998	10.14	2.11	220,894	1.79	0.37	1,253,771	106
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	8.20	1.88	423,347	1.15	0.26	3,006,920	95
	2001	9.22	1.97	412,990	1.36	0.29	2,806,238	100
	2002	8.97	1.94	363,474	1.28	0.28	2,550,052	84
	2003	9.76	1.97	274,537	1.39	0.28	1,926,434	93
	2004	13.70	3.48	365,513	2.41	0.61	2,073,407	93
	2005	18.06	5.01	311,907	3.31	0.92	1,699,765	72
	2006	18.43	3.57	246,540	3.29	0.64	1,380,274	77
3A	1995	7.37	1.44	1,792,912	0.79	0.15	16,658,196	355
	1996	8.40	4.07	1,582,609	0.90	0.44	14,724,748	352
	1997	9.78	2.45	1,276,525	1.32	0.33	9,443,198	294
	1998	8.55	3.04	666,649	1.20	0.43	4,743,875	157
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	7.94	1.64	614,960	0.79	0.17	6,212,009	120
	2001	8.63	2.79	771,815	1.02	0.33	6,519,428	145
	2002	8.35	1.94	711,255	1.02	0.24	5,810,732	124
	2003	9.81	2.56	565,653	1.20	0.31	4,629,364	126
	2004	13.88	4.22	875,829	1.88	0.57	6,463,336	157
	2005	18.07	4.83	385,893	2.49	0.66	2,803,054	96
	2006	18.09	3.14	586,035	2.46	0.43	4,301,567	116
3B	1995	6.53	1.40	225,912	0.44	0.10	3,323,670	88
	1996	7.88	2.30	323,160	0.53	0.16	4,760,536	165
	1997	8.58	2.53	605,744	1.43	0.42	3,634,335	157
	1998	7.92	1.78	169,833	1.62	0.36	832,225	49
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	7.84	1.55	464,711	2.19	0.43	1,666,773	44
	2001	8.74	1.32	739,936	2.68	0.41	2,413,081	49
	2002	7.09	1.66	663,248	2.25	0.53	2,087,216	42
	2003	8.01	1.58	769,927	2.53	0.5	2,436,231	46
	2004	11.16	1.87	498,167	3.21	0.54	1,730,918	42
	2005	13.53	1.95	415,646	3.27	0.47	1,718,360	27
	2006	15.83	2.30	428,693	2.96	0.45	2,147,624	42

[27]Although the 1995 form requested prices "net" of brokers' fees, respondents typically reported their prices in a "gross" form which included brokers' fees. See Muse, Ben, Kurt Schelle, Elaine Dinneford, and Kurt Iverson, *Changes Under Alaska's Halibut IFQ Program, 1995*. CFEC 96-10N. Alaska Commercial Fisheries Entry Commission. Juneau, AK: 1996. page 155. Subsequent forms requested gross prices.

Table 3-3 continued. Annual Prices for Halibut QS and IFQ Transfers by Area and Year

Area	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
4A	1995	5.64	2.07	114,616	0.74	0.27	873,519	56
	1996	6.68	1.50	160,899	0.87	0.20	1,230,691	65
	1997	6.67	2.79	383,112	1.35	0.56	1,889,914	90
	1998	6.39	1.98	71,280	1.54	0.48	295,358	29
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	6.62	1.65	456,840	2.27	0.57	1,333,201	42
	2001	7.72	1.94	349,190	2.65	0.67	1,019,050	32
	2002	6.06	1.72	173,517	2.07	0.59	507,079	17
	2003	5.94	2.28	275,440	2.02	0.78	808,422	33
	2004	9.64	2.14	248,645	2.29	0.51	1,045,246	23
	2005	10.48	2.51	348,980	2.47	0.59	1,481,217	37
	2006	11.43	2.87	310,125	2.62	0.66	1,350,404	28
4B	1995	6.14	1.05	34,716	1.23	0.21	173,523	5
	1996	5.03	0.86	51,769	1.00	0.17	260,336	7
	1997	5.15	1.71	294,051	1.54	0.51	980,663	30
	1998	7.24	1.68	94,579	2.18	0.51	313,790	11
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	4.80	1.12	367,338	2.03	0.47	868,276	23
	2001	5.72	1.04	464,187	2.42	0.44	1,097,211	20
	2002	4.64	1.05	65,507	1.67	0.38	181,883	6
	2003	4.55	3.22	163,662	1.64	1.16	454,412	13
	2004	8.10	1.65	238,591	1.96	0.40	985,437	12
	2005	7.49	1.18	63,139	1.46	0.23	324,243	8
	2006	C	C	7,850	C	C	54,558	2
4C	1997	6.29	0.50	48,681	0.91	0.07	336,313	8
	1998	5.67	1.09	33,902	1.14	0.22	169,265	7
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	3.68	0.48	27,570	0.94	0.12	107,811	6
	2001	5.47	1.31	100,428	1.40	0.34	392,724	8
	2003	C	C	47,020	C	C	186,058	3
	2004	5.74	0.59	62,540	1.23	0.13	292,075	5
	2005	5.46	2.02	86,607	1.23	0.46	383,147	7
	2006	0	0	0	0	0	0	0
4D	1996	C	C	27,358	C	C	237,858	3
	1997	5.85	1.63	82,294	0.99	0.28	485,517	11
	1998	6.07	0.97	49,986	1.39	0.22	218,677	11
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	4.31	0.72	37,604	1.26	0.21	128,852	5
	2001	6.44	1.14	107,734	1.87	0.33	370,961	7
	2002	5.56	1.01	115,755	1.62	0.29	396,655	8
	2003	6.86	1.59	120,944	1.96	0.45	422,009	8
	2004	C	C	79,669	C	C	328,087	3
	2005	9.09	1.31	19,557	2.33	0.34	76,317	4

a) C indicates confidential data
b) NA indicates data not available
Note: Table includes only years with data.

Table 3-4. Annual Prices for Halibut QS and IFQ Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
2C	Freezer	1995	C	C	570	C	C	3,788	1
		1996	8.95	2.38	9,066	1.34	0.36	60,426	4
		1997	12.23	1.04	5,380	2.07	0.18	31,793	4
		2000	C	C	10,500	C	C	74,444	1
		2002	C	C	10,611	C	C	74,444	1
	GT 60 ft	1995	8.17	1.09	16,916	1.23	0.16	112,499	4
		1996	8.77	1.71	63,204	1.32	0.26	421,218	21
		1997	13.28	2.85	25,080	2.25	0.48	148,232	10
		1998	10.21	1.47	8,202	1.79	0.25	46,668	9
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.82	2.17	65,242	1.10	0.31	462,564	9
		2001	9.92	1.26	64,857	1.46	0.19	440,515	10
		2002	8.23	0.91	29,848	1.17	0.13	209,415	7
		2003	10.04	0.58	21,379	1.43	0.08	149,990	7
		2004	C	C	15,258	C	C	86,546	3
		2005	C	C	7,791	C	C	42,449	2
		2006	C	C	1,490	C	C	8,347	2
	36-60 ft	1995	7.78	1.15	763,157	1.17	0.17	5,075,250	195
		1996	9.51	1.74	450,753	1.43	0.26	3,004,306	155
		1997	11.73	2.58	376,533	1.99	0.44	2,223,068	117
		1998	10.72	1.94	157,964	1.89	0.34	895,887	66
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	8.62	1.38	285,058	1.21	0.19	2026442	51
		2001	9.51	1.67	297,036	1.4	0.25	2018689	65
		2002	9.43	1.41	265,548	1.34	0.2	1863030	45
		2003	10.22	2.04	182,630	1.46	0.29	1281319	47
		2004	14.43	2.60	294,916	2.54	0.46	1672961	55
		2005	18.56	3.74	262,156	3.41	0.69	1,428,468	45
		2006	19.03	2.89	212,336	3.40	0.52	1,188,723	51
	LE 35 ft	1995	6.80	1.09	216,231	1.02	0.16	1,438,017	115
		1996	8.21	4.51	158,033	1.23	0.68	1,053,863	109
		1997	9.66	1.08	110,722	1.63	0.18	654,384	80
		1998	8.46	1.74	54,728	1.49	0.30	311,216	31
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	6.44	1.30	62,547	0.91	0.18	443,470	34
		2001	6.67	1.54	51,097	0.98	0.23	347,034	25
		2002	6.68	0.84	57,467	0.95	0.12	403,163	31
		2003	8.51	1.49	70,528	1.21	0.21	495.125	39
		2004	11.03	2.63	55,339	1.94	0.46	313,900	35
		2005	15.28	4.88	41,960	2.8	0.89	228,848	25
		2006	14.47	2.04	32,669	2.58	0.36	182,954	23
3A	Freezer	1995	C	C	8,338	C	C	77,472	1
		1996	9.95	1.13	18,047	1.07	0.12	167,902	4
		1997	C	C	15,287	C	C	113,088	3
		1998	C	C	65,009	C	C	462,366	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2001	C	C	30,481	C	C	257,469	1
		2002	C	C	1,447	C	C	11,828	2
		2004	C	C	5,886	C	C	43,438	2
		2005	C	C	5,372	C	C	39,001	1
		2006	C	C	107	C	C	788	1
	GT 60 ft	1995	7.77	0.70	551,559	0.84	0.08	5,124,599	54
		1996	8.65	3.37	526,090	0.93	0.36	4,894,746	67
		1997	10.05	2.95	469,850	1.36	0.40	3,475,740	35
		1998	9.13	2.37	147,463	1.28	0.33	1,048,807	38
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	8.41	1.09	182,138	0.83	0.11	1,839,501	17

Note: only years with data are listed in this table.

Table 3-4 continued. Annual Prices for Halibut QS and IFQ Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
3A Cont.	GT 60 ft	2001	9.55	1.84	185,825	1.13	0.22	1,569,649	22
		2002	9.63	1.52	224,297	1.18	0.19	1,832,359	24
		2003	11.54	2.82	150,674	1.40	0.34	1,238,188	12
		2004	15.43	2.04	238,649	2.09	0.28	1,761,256	22
		2005	20.08	2.37	123,234	2.77	0.33	894,653	18
		2006	18.70	2.22	259,860	2.55	0.30	1,906,787	20
	36-60 ft	1995	7.23	1.69	1,024,463	0.78	0.18	9,518,413	185
		1996	8.41	4.72	888,858	0.90	0.51	8,270,019	199
		1997	9.95	2.06	654,926	1.34	0.28	4,844,878	155
		1998	8.18	2.41	307,403	1.15	0.34	2,187,960	63
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.91	1.47	396,190	0.78	0.14	4,001,381	73
		2001	8.30	2.91	483,091	0.98	0.34	4,080,602	85
		2002	7.98	1.62	407,445	0.98	0.20	3,328,778	71
		2003	9.69	2.04	304,087	1.19	0.25	2,484,987	67
		2004	13.67	3.25	506,639	1.85	0.44	3,738,736	69
		2005	17.85	4.15	193,793	2.46	0.57	1,408,440	42
		2006	18.06	2.45	260,751	2.46	0.33	1,913,297	57
	LE 35 ft	1995	6.99	1.29	208,552	0.75	0.14	1,937,712	115
		1996	7.31	1.20	149,614	0.79	0.13	1,392,081	82
		1997	8.01	1.17	136,462	1.08	0.16	1,009,492	101
		1998	6.43	2.60	146,774	0.90	0.37	1,044,742	54
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	5.88	0.78	36,632	0.58	0.08	371,127	30
		2001	7.40	1.87	72,418	0.88	0.23	611,708	37
		2002	6.59	1.11	78,066	0.81	0.14	637,767	27
		2003	7.80	2.10	110,892	0.95	0.26	906,189	47
		2004	11.61	3.62	124,655	1.57	0.49	919,906	64
		2005	14.68	3.63	63,494	2.02	0.50	460,960	35
		2006	15.75	2.43	64,315	2.14	0.33	473,334	37
3B	Freezer	1996	9.70	2.03	7,031	0.66	0.14	103,574	5
		1997	C	C	1,419	C	C	8,498	2
		2001	C	C	108,064	C	C	352,418	2
		2002	C	C	47,098	C	C	148,216	1
		2003	C	C	1,856	C	C	5,874	1
	GT 60 ft	1995	6.87	0.77	93,917	0.47	0.05	1,381,717	39
		1996	8.11	1.46	144,638	0.55	0.10	2,130,598	69
		1997	9.42	2.58	321,296	1.57	0.43	1,924,522	30
		1998	8.36	1.25	46,122	1.71	0.25	225,996	20
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.96	1.35	202,681	2.22	0.38	726,958	13
		2001	8.56	1.00	472,402	2.63	0.31	1,540,595	18
		2002	6.90	1.25	416,824	2.19	0.40	1,311,731	17
		2003	8.52	1.69	312,009	2.69	0.54	987,268	13
		2004	12.30	1.43	116,815	3.54	0.41	405,891	11
		2005	13.65	1.28	242,122	3.31	0.31	999,092	12
		2006	15.92	1.10	216,338	3.17	0.21	1,086,293	14
	36-60 ft	1995	6.28	1.69	129,860	0.43	0.11	1,910,546	48
		1996	7.77	2.87	154,306	0.53	0.20	2,273,206	77
		1997	7.67	2.17	246,500	1.28	0.36	1,482,490	99
		1998	8.09	1.60	108,517	1.65	0.33	531,772	18
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.89	1.69	231,107	2.20	0.47	828,904	27
		2001	7.91	0.75	149,725	2.42	0.23	488,286	27
		2002	7.05	1.83	175,465	2.24	0.58	552,179	19
		2003	7.86	0.63	444,209	2.48	0.20	1,405,582	31
		2004	10.93	1.78	352,989	3.15	0.51	1,226,477	26

Table 3-4 continued. Annual Prices for Halibut QS and IFQ Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
3B Cont.	36-60 ft	2005	13.39	1.93	172,226	3.23	0.46	713,909	13
		2006	13.76	0.95	206,414	2.75	0.19	1,031,649	23
	LE 35 ft	1995	C	C	2,135	C	C	31,407	1
		1996	6.18	1.02	17,185	0.42	0.07	253,158	14
		1997	7.42	1.29	36,529	1.24	0.22	218,825	26
		1998	5.37	2.29	15,194	1.10	0.47	74,457	11
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	6.71	0.64	30,923	1.87	0.18	110,911	4
		2001	C	C	9,745	C	C	31,782	2
		2002	5.88	1.26	23,861	1.87	0.4	75,090	5
		2003	C	C	11,853	C	C	37,507	1
		2004	9.22	1.11	28,363	2.65	0.32	98,550	5
		2005	13.39	1.93	172,226	3.23	0.46	713,909	13
		2006	13.76	0.95	206,414	2.75	0.19	1,031,649	23
4A	Freezer	1996	C	C	8,502	C	C	65,033	2
		1997	C	C	526	C	C	2,590	3
		2000	C	C	21,621	C	C	63,098	1
		2001	C	C	26,027	C	C	75,955	1
		2004	C	C	166	C	C	696	1
		2005	C	C	9,942	C	C	42,159	1
	GT 60 ft	1995	6.35	0.37	16,000	0.83	0.05	121,934	28
		1996	7.02	1.34	64,061	0.92	0.18	489,996	32
		1997	C	C	195,214	C	C	962,981	19
		1998	8.32	0.90	7,449	2.01	0.22	30,861	15
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	6.96	1.14	375,205	2.38	0.39	1,094,966	26
		2001	8.04	1.09	168,612	2.76	0.38	492,066	14
		2002	6.99	1.09	114,047	2.39	0.37	333,527	7
		2003	8.00	1.7	104,236	2.73	0.58	305,935	13
		2004	10.19	0.61	105,531	2.42	0.14	443,631	8
		2005	11.16	1	166,997	2.63	0.23	708,142	16
		2006	12.24	1.68	164,338	2.81	0.38	715,591	13
	36-60 ft	1995	5.47	2.32	87,749	0.72	0.30	668,772	21
		1996	6.55	1.57	80,052	0.86	0.20	612,309	23
		1997	6.46	1.85	151,855	1.31	0.38	749,127	43
		1998	7.14	1.66	41,099	1.72	0.40	170,303	10
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.57	0.83	23,782	1.56	0.28	69,400	7
		2001	7.76	1.11	126,157	2.66	0.38	368,165	13
		2002	C	C	19,702	C	C	57,498	2
		2003	5.69	1.99	108,324	1.94	0.68	317,933	11
		2004	9.91	1.69	119,547	2.36	0.4	502,549	9
		2005	10.49	1.28	120,531	2.47	0.3	512,488	12
		2006	11.58	1.39	119,265	2.66	0.32	519,327	10
	LE 35 ft	1995	5.96	0.73	10,867	0.78	0.10	82,813	7
		1996	C	C	8,284	C	C	63,353	8
		1997	5.41	1.34	35,517	1.10	0.27	175,216	25
		1998	4.40	0.89	22,732	1.06	0.21	94,194	4
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.05	0.95	36,232	1.39	0.33	105,737	8
		2001	3.12	0.33	28,394	1.07	0.11	82,864	4
		2002	3.77	0.96	39,768	1.29	0.33	116,054	8
		2003	2.97	2.44	62,880	1.01	0.83	184,554	9
		2004	5.75	1.28	23,401	1.37	0.3	98,370	5
		2005	7.51	2.65	51,510	1.77	0.63	218,428	8

Table 3-4 continued. Annual Prices for Halibut QS and IFQ Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
4B	Freezer	1997	C	C	16,846	C	C	56,183	1
		1998	C	C	31,740	C	C	105,248	1
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	1,002	C	C	2,368	1
	GT 60 ft	1995	C	C	25,118	C	C	125,551	3
		1996	C	C	33,607	C	C	169,002	5
		1997	5.41	1.91	196,074	1.62	0.57	653,912	17
		1998	C	C	35,195	C	C	116,706	5
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	5.02	0.58	305,397	2.12	0.24	721,866	14
		2001	6.01	0.69	346,412	2.54	0.29	818,821	12
		2002	C	C	49,564	C	C	137,616	3
		2003	4.24	1.05	98,937	1.53	0.38	274,698	8
		2004	8.18	1.72	228,002	1.98	0.41	941,702	10
		2005	7.61	1.24	43,133	1.48	0.24	221,501	6
	36-60 ft	1995	C	C	9,598	C	C	47,972	2
		1996	C	C	16,880	C	C	84,886	1
		1997	C	C	77,981	C	C	260,065	10
		1998	6.42	1.55	27,644	1.93	0.46	91,836	5
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.14	0.45	41,439	1.75	0.19	97,949	4
		2001	5.15	0.14	93,798	2.18	0.06	221,715	5
		2002	5.01	4.85	64,725	1.8	1.75	179,714	5
		2004	C	C	10,589	C	C	43,735	2
		2005	C	C	20,006	C	C	102,742	2
		2006	C	C	7,850	C	C	54,558	2
	LE 35 ft	1996	C	C	1,282	C	C	6,448	1
		1997	C	C	3,150	C	C	10,503	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	2.93	0.62	19,500	1.24	0.26	46,093	4
		2001	C	C	23,977	C	C	56,675	3
		2002	C	C	15,943	C	C	44,267	3
4C	GT 60 ft	1997	C	C	31,746	C	C	220,416	5
		1998	C	C	12,532	C	C	62,568	3
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.26	0	4,535	1.09	0	17,733	2
		2001	5.77	1.01	80,200	1.48	0.26	313,625	4
		2003	6.01	0	32,350	1.52	0	128,008	1
	36-60 ft	1997	C	C	16,935	C	C	115,897	3
		1998	C	C	18,623	C	C	92,984	3
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	4,802	C	C	18,777	2
		2001	C	C	14,020	C	C	54,824	3
		2002	C	C	14,670	C	C	58,050	2
		2003	5.74	0.59	62,540	1.23	0.13	292,075	5
		2005	5.41	2.47	31,982	1.22	0.56	141,389	4
	LE 35 ft	1998	C	C	2,747	C	C	13,713	1
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	18,233	C	C	71,301	2
		2001	C	C	6,208	C	C	24,275	1
		2005	C	C	23,332	C	C	103,263	2
4D	Freezer	1996	C	C	17,762	C	C	154,426	1
		1997	C	C	20,759	C	C	122,473	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2004	C	C	13,484	C	C	55,528	1

Table 3-4 continued. Annual Prices for Halibut QS and IFQ Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/IFQ	Stan Dev Price $/IFQ	Total IFQs Transferred Used for Pricing	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
4D	GT 60 ft	1996	C	C	9,596	C	C	83,432	2
Cont.		1997	6.58	1.02	58,301	1.12	0.17	343,960	7
		1998	C	C	45,365	C	C	198,463	9
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	27,219	C	C	93,268	3
		2001	6.52	1.35	89,494	1.9	0.39	306,666	5
		2002	5.67	0.6	85,205	1.65	0.18	291,971	4
		2003	7.53	1.69	88,862	2.16	0.48	310,065	7
		2004	C	C	66,185	C	C	272,559	2
		2005	C	C	11,441	C	C	44,647	2
	36-60 ft	1997	C	C	3,234	C	C	19,084	2
		1998	C	C	4,621	C	C	20,214	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	10,385	C	C	35,584	2
		2001	C	C	18,240	C	C	64,295	2
		2002	5.24	1.16	30,550	1.53	0.34	104,684	4
		2003	C	C	32,082	C	C	111,944	1
		2005	C	C	8,116	C	C	31,670	2

a) C indicates confidential data
b) NA indicates data not available
Note: Table includes only years with data.

Table 3-5. Annual Prices for Halibut QS-Only Transfers by Area and Year

Area	Year	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
2C	1995	1.03	0.22	751,236	25
	1996	1.28	0.24	1,484,304	43
	1997	2.07	0.38	480,565	24
	1998	1.46	0.36	228,831	11
	1999	NA	NA	NA	NA
	2000	1.01	0.1	100,353	5
	2001	1.36	0.24	288,268	10
	2002	1.14	0.18	285,846	11
	2003	1.78	0.26	510,643	15
	2004	2.53	0.34	199,037	8
	2005	3.12	0.42	281,172	9
	2006	3.18	0.29	327,249	9
3A	1995	0.74	0.25	2,068,199	38
	1996	0.85	0.21	4,439,006	82
	1997	1.46	0.29	2,098,195	33
	1998	1.07	0.32	1,532,616	32
	1999	NA	NA	NA	NA
	2000	0.83	0.19	545,673	9
	2001	1.11	0.22	950,204	10
	2002	1.10	0.26	1,307,864	19
	2003	1.56	0.43	935,764	16
	2004	1.90	0.44	654,539	17
	2005	2.38	0.43	388,555	15
	2006	2.65	0.43	1,393,164	23
3B	1995	0.47	0.09	892,536	10
	1996	0.59	0.12	919,400	16
	1997	1.35	0.48	760,885	21
	1998	1.59	0.18	319,637	4
	1999	NA	NA	NA	NA
	2000	C	C	115,988	3
	2002	C	C	197,877	3
	2003	3.00	0.26	311,621	4
	2004	3.20	0.57	53,739	4
	2005	2.97	0.43	715,734	11
	2006	2.96	0.1	233,543	4
4A	1995	0.60	0.18	196,536	8
	1996	C	C	267,658	3
	1997	1.25	0.43	82,220	6
	1998	1.24	0.18	90,756	4
	1999	NA	NA	NA	NA
	2000	2.32	0.86	128,270	5
	2001	C	C	41,906	3
	2002	C	C	66,778	3
	2003	C	C	211,627	2
	2004	C	C	68,577	3
	2005	2.15	0.63	203,973	6
	2006	2.34	0.81	248,979	5
4B	1997	C	C	56,991	1
	1999	NA	NA	NA	NA
	2000	C	C	83,710	2
	2001	C	C	24,658	2
	2003	2.04	0.87	323,905	6
4C	1998	C	C	44,370	1
	1999	NA	NA	NA	NA
4D	1996	C	C	29,678	1
	1997	C	C	22,891	1
	2003	C	C	77,785	1

Table 3-6 Annual Prices for Halibut QS –Only Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transacted Used for Pricing	Number of Transactions Used for Pricing
2C	Freezer	1996	C	C	41,718	2
		1998	C	C	28,365	1
		1999	NA	NA	NA	NA
		2001	C	C	58,630	1
	GT 60 ft	1996	C	C	48,234	1
		1997	C	C	98,391	2
		1998	C	C	14,715	1
		1999	NA	NA	NA	NA
		2000	C	C	5,082	1
		2001	C	C	41,057	2
		2003	C	C	3,418	1
		2006	C	C	842	1
	36-60 ft	1995	1.09	0.15	643,143	21
		1996	1.35	0.22	1,102,743	27
		1997	2.07	0.38	330,029	18
		1998	1.32	0.32	146,894	6
		1999	NA	NA	NA	NA
		2000	1.02	0.09	95,271	4
		2001	1.34	0.24	188,468	6
		2002	1.19	0.17	219,743	7
		2003	1.83	0.27	433,643	10
		2004	C	C	53,365	2
	LE 35 ft	1995	0.70	0.24	108,093	4
		1996	C	C	291,609	13
		1997	C	C	52,145	4
		1998	C	C	38,857	3
		1999	NA	NA	NA	NA
		2001	C	C	113	1
		2002	0.96	0.06	66,103	4
		2003	1.54	0.09	73,582	4
		2004	2.33	0.1	145,672	6
3A	Freezer	1996	C	C	42,151	1
		1999	NA	NA	NA	NA
	GT 60 ft	1995	0.79	0.35	762,830	6
		1996	C	C	946,214	6
		1997	C	C	1,245,500	14
		1998	C	C	346,290	8
		1999	NA	NA	NA	NA
		2000	C	C	222,750	2
		2001	1.16	0.15	747,176	5
		2002	1.17	0.23	483,937	4
		2003	1.63	0.4	294,083	5
		2004	C	C	49,132	1
		2005	C	C	77,880	2
		2006	C	C	25,918	1
	36-60 ft	1995	0.71	0.16	1,178,404	23
		1996	0.85	0.20	2,820,850	51
		1997	1.38	0.22	824,939	18
		1998	1.06	0.25	1,036,518	21
		1999	NA	NA	NA	NA
	LE 35 ft	1995	0.70	0.10	126,965	9
		1996	0.73	0.16	629,791	24
		1997	C	C	27,756	1
		1998	C	C	149,808	3
		1999	NA	NA	NA	NA
3B	Freezer	1996	C	C	56,113	1
		1999	NA	NA	NA	NA
	GT 60 ft	1995	C	C	201,892	1
		1996	C	C	469,591	6
		1997	C	C	196,834	5
		1998	C	C	62,350	2
		1999	NA	NA	NA	NA
	36-60 ft	1995	0.49	0.08	613,999	6

Table 3-6 Continue. Annual Prices for Halibut QS –Only Transfers by Area, Vessel Class, and Year

Area	Vessel Class	Year	Mean Price $/QS	Stan Dev Price $/QS	Total QS Transacted Used for Pricing	Number of Transactions Used for Pricing
3B Cont.	36-60-ft	1996	0.53	0.12	385,783	7
		1997	1.39	0.46	552,392	14
		1998	C	C	232,499	1
		1999	NA	NA	NA	NA
		2000	C	C	67,944	1
		2003	C	C	109,771	1
		2005	C	C	315,395	3
		2006	C	C	88,776	1
	LE 35 ft	1995	C	C	76,645	3
		1996	C	C	7,913	2
		1997	C	C	11,659	2
		1998	C	C	24,788	1
		1999	NA	NA	NA	NA
4A	Freezer	1996	C	C	107,418	1
		1999	NA	NA	NA	NA
		2001	C	C	541	1
	GT 60 ft	1995	C	C	106,692	2
		1996	C	C	33,278	1
		1997	C	C	16,988	2
		1998	C	C	42,391	1
		1999	NA	NA	NA	NA
	36-60 ft	1995	C	C	49,669	3
		1996	C	C	126,962	1
		1997	C	C	56,088	3
		1998	C	C	35,630	2
		1999	NA	NA	NA	NA
		2000	C	C	43,774	1
		2003	C	C	176,100	1
		2004	C	C	22,898	1
		2005	C	C	22,898	1
	LE 35 ft	1995	C	C	40,175	3
		1997	C	C	9,144	1
		1998	C	C	12,735	1
		1999	NA	NA	NA	NA
4B	GT 60 ft	1997	C	C	56,991	1
		1999	NA	NA	NA	NA
		2003	C	C	197,681	3
4C	GT 60 ft	1998	C	C	44,370	1
		1999	NA	NA	NA	NA
4D	Freezer	1997	C	C	22,891	1
		1999	NA	NA	NA	NA
	GT 60 ft	1996	C	C	29,678	1
		1999	NA	NA	NA	NA
		2003	C	C	77,785	1

a) C indicates confidential data
b) NA indicates data are not available.
Note: Table includes only years with data.

4 Halibut QS Leases

This chapter examines the extent of formal lease transactions during 1995 through 2006. The data indicate that relatively few lease transactions occurred during this time period.

The regulations for the halibut IFQ program have allowed for leasing of QS by transfer of annual IFQ only, subject to several important restrictions. Where leasing is allowed, it provides a means for QS holders to make seasonal adjustments to their fishing activities and for new persons to enter the fishery.

QS lease transactions are in effect for an IFQ year and expire on December 31 of the year of the lease. The regulations governing leases have changed over time.

From the start of the Program, holders of freezer vessel (harvester/processor category "A") QS may lease any or all of those holdings during a year. Catcher vessel leasing has been more restricted. Holders of catcher vessel QS for an area could lease up to 10% of their QS in that area during the years 1995, 1996, and 1997. However, these regulations providing for leases of catcher vessel QS expired on January 2, 1998 and have not been renewed.[28] The expired IFQ program regulations which provided for limited leasing of catcher vessel QS during the first three years of the program represented a compromise designed to balance the Council's different objectives. Opponents of leasing wanted to keep QS in the hands of active fishermen rather than absentee QS holders. Some persons also thought that the ability to lease QS might dampen the volume of QS sales and make it more difficult for new persons to enter the fishery as QS owner-operators. Proponents of QS leasing wanted to maintain operational flexibility for fishermen in a dynamic environment.[29] The temporary 10% rule sought to balance both sets of concerns.

Several program provisions allow leasing of catcher vessel QS/IFQ in limited circumstances. First, the surviving spouse or other individual beneficiary from the QS holdings immediate family can lease catcher vessel QS for a three year period following the death of the holder.[30] Next, in 2004 NOAA Fisheries (NMFS) implemented a new program feature to protect economies of selected fisheries dependent GOA communities. These communities can form nonprofit organizations to acquire QS for lease to community residents. The intent is to assist a number of small coastal communities in Southeast and Southcentral Alaska, striving to remain economically viable, to increase or maintain their participation in the halibut and sablefish fisheries. As of December 2008, there are 20 Community Quota Entities (CQE) have been established, representing 21 communities, although only one has purchased quota. In 2007 "emergency medical" leases[31] and in 2008 a provision allowing mobilized National Guard and reservist QS holders to lease out IFQ were added.[32]

[28] See 50 CFR679.41(h)for catcher vessel leasing rules. There is no corresponding rule on freezer vessel QS leases.
[29] This discussion is adapted from FR 58(215): 59392. November 9, 1993.
[30] See 50 CFR679.41(k)(2)
[31] Emergency Medical Transfer- 72FR 44795 August 9, 2007
[32] Military Transfer- 73 FR 28733 May 19, 2008

The tables in this chapter will show that there have been relatively few catcher vessel QS lease transactions. This may be partially due to the fact that large portions of the halibut catcher vessel QS were "blocked" and at the beginning of the program, a block had to be transferred in its entirety for any kind of transfer.

At the start of the program, blocked QS could only be leased on this "all or nothing" basis. Blocks could not be broken up to allow some of the QS to be leased. This rule, coupled with the 10% leasing restriction, made the leasing of blocked catcher vessel QS difficult.

For example, a person who only held one block of QS in an area could not lease that block or any part of it. Similarly, a person who held two blocks of QS for an area would only be in a position to lease QS if one block was no more than 10% of the person's total QS holding.

During 1996 the regulations governing leasing of blocked QS were reworded into terms of IFQ. This change in wording allowed for 10% of the IFQ associated with a segment of blocked QS to be leased annually. In other words, the blocking provision no longer applied to seasonal lease transactions of IFQ. This liberalization of the leasing provision for blocked catcher vessel QS became effective on September 9, 1996. However, this small change in the leasing provisions did not have a substantial effect on catcher vessel QS leasing activities during subsequent years.

The reader should be aware that this chapter only covers formal lease transactions as reported to NMFS-RAM. While formal leases of catcher vessel QS were not extensively used during the 1995 through 2006, there was another means under the halibut IFQ program regulations whereby some QS could be fished by someone other than the QS holder.

Regulations allowing for the use of a "hired master" (skipper) by an initial QS recipient on a vessel owned by the initial QS recipient were widely used during the first twelve years of the program. This topic is explored further in Chapter 12.

Any Category A (Freezer vessel) halibut QS holder can use a hired skipper to harvest the IFQ associated with that QS. Corporations and partnerships and other business entities must employ a skipper to harvest the resource. Similarly, individuals who are initial recipients of catcher vessel QS can use a hired skipper in many cases, with appropriate levels of vessel ownership.

For example, regulations provide that: "An individual who received an initial allocation of QS assigned to (catcher) vessel categories B, C, or D does not have to be aboard the vessel on which his or her IFQ is being fished, or to sign IFQ landing reports if that individual owns at least a 20% interest in the vessel and is represented on the vessel by a master employed by that individual." This provision is not extended to individuals who were initial QS recipients in IPHC Area 2C.[33]

[33] See 50 CFR 679.42(i)(1), 50 CFR 679.42(i)(2) and 50 CFR 679.42 (j).

The regulatory requirement that the initial QS holder own a percentage of the vessel that is being used to harvest the IFQ was meant to discourage leasing of QS. However, prior to 1997, this regulation was not specific concerning the percentage ownership interest that the QS holder needed. There apparently have been cases where an initial catcher vessel QS holder has purchased a small fractional ownership interest in a vessel, and then the skipper of that vessel fished all of the person's IFQ. Some of these arrangements may be *de facto* leases. Since the QS holder seems to be using a "hired skipper" and can avoid a formal lease transaction, the restrictions on leasing only 10% of the annual IFQ can be circumvented. In other words, more than 10% of the IFQ associated with the person's catcher vessel QS holdings for an area could be fished under such an arrangement.

The Council studied the possibility of percentage ownership requirements in 1997 and adopted the 20% minimum percentage to constrain this practice.[34] NMFS-RAM, acting on the Council's intent, implemented regulations, which also authorized "indirect" vessel ceilings for QS holders and became effective June 9, 1999.

Although prohibited by regulation, persons might also be able to circumvent the restrictions on leasing of catcher vessel QS if they sell their QS with a tacit understanding that the QS would be transferred back to the original QS holder at the end of a specific time. The authors have not examined the extent of returned transfers for this report.[35]

4.1 Halibut QS and QS Holder Lease Rates by IFQ Area

The halibut IFQ program's rules provide for unlimited leasing of freezer vessel QS. However, during the first three years only 10% of a person's catcher vessel QS for an area could be leased in a year.[36]

Originally, catcher vessel QS contained in blocks could not be separated for lease purposes. This meant that either the entire block had to be leased or none of the QS in the block could be leased. Under the regulation, it was impossible for a person who held only a single block of QS for an area to lease any of that QS.

As large portions of the catcher vessel QS issued in some areas were issued in blocks, leasing of some QS was not feasible for many persons. As a result, the regulation was altered in 1996 to allow leasing of up to 10% of the IFQ associated with a person's QS for an area, even if the QS was in a block. However, this liberalization did not become

[34] At their September 1997 meeting in Seattle, the Council adopted a proposal requiring initial recipients of catcher vessel QS who wanted to use a designated skipper to hold a 20% ownership of interest in any vessel used by their hired skipper. Some "grandfathered" privileges are included in the new rule that will allow some initial QS holders who had used a hired mater prior to April 17, 1997 to continue to use a hired skipper on a vessel where they have a smaller ownership interest. NMFS-RAM began implementing the Council's intent in 1998. (See page 6, The IFQ Program; 1998 Report To The Fleet published by NMFS-RAM in February 1998). These rules were incorporated into regulations as 50 CFR 679.42 9(i)(1) and 50 CFR 679.42(j), which became effective June 9, 1999.

[35] While it is possible that such arrangements have occurred, transfers with agreements for repossession by the original owner are prohibited under 50 CFR 679.41(g)(4)

[36] See 50 CFR 679.41(e) and (h)

effective until September 9, 1996. Moreover, the change seemed to have very little effect on QS leasing during the 1996 and 1997 seasons.

Table 4-1 provides a broad overview of halibut QS leasing activity by management area and year for 1995 through 2006 for all QS types including Freezer share. The table provides year-end amounts of QS outstanding and QS leased each year. A rough "QS lease rate" is calculated by dividing the amount of QS leased by the amount of QS outstanding at the end of each year and converting the resulting fraction to a percentage.

The table also contains an "All Years" row that provides summary data over all twelve years. The data in the rows are the sums of numbers over the twelve year period (rather than averages or unique counts) or ratios based upon numbers summed over all twelve years.

The percentage of QS leased over the 1995 through 2006 period was relatively small, generally 1.5% or less of available QS.[37] Over the entire time period, there were no QS leases in area 4E because no TAC was available to the IFQ program. QS lease rates in the other areas ranged from 0.5% in 4B to 1.3% in Area 4C. The highest QS lease rate in any area and years was 8.1% in area 4D, in 1997. Again, the low lease rates are partially due to the restrictions on the leasing of catcher vessel QS.[38]

Table 4-1 also provides data on the number of year-end QS holders and the number of QS holders who leased out some of their QS during the year. A rough "QS holder lease (lessor) rate" is also calculated by dividing the number of QS lessors during the year by the number of year-end QS holders and converting the resulting fraction to a percentage.[39] Apart from Area 4E, where there were no QS leases all year, QS lessor rates ranged from 0.4% in Area 4C to 1.1% in Areas 3B and 4A with a maximum rate in Area 4D in 1998 of 5.4%.

[37] This report uses the QS amounts shown in lease transactions on NMFS-RAM computerized files. In a few instances, these amounts appear to be in contradiction with respect to the actual amount of QS leased relative to the pounds of IFQ involved. For that reason, the QS lease rates shown herein may be slight overestimates even though they accurately reflect the data.

[38] Portions of the TAC in CDQ areas are devoted to CDQs. In Area 4E, the entire TAC for 1995-2006 was devoted to CDQs and there was no IFQ fishery. Thus, there was no reason to lease QS in Area 4E.

[39] Note that different formulations of a "QS holder lease rate" could be made. The number of persons who hold QS can change during a year. Over the 1995 through 2006 time period, there was a decline in the number of QS holders due to transfer and consolidation of QS holdings. Lease rates calculated with the number of year-end QS holders in the denominator will thus be higher than lease rates calculated with the number of year-beginning QS holders in the denominator.

Table 4-1. Halibut QS and QS Holder Lease Rates by IFQ Area, 1995-2006

Area	Year	Year-end QS	Leased QS	QS Lease Rate (%)	Year-end Persons	Unique Lessors	Lessor Rate (%)
2C	1995	58,965,237	170,260	0.3	2,134	7	0.3
	1996	59,025,567	268,393	0.5	1,920	12	0.6
	1997	59,549,860	425,965	0.7	1,742	15	0.9
	1998	59,551,257	518,925	0.9	1,685	14	0.8
	1999	59,555,379	611,975	1.0	1,623	16	1.0
	2000	59,633,843	679,071	1.1	1,582	16	1.0
	2001	59,633,843	855,697	1.4	1,536	18	1.2
	2002	59,635,055	844,015	1.4	1,511	19	1.3
	2003	59,556,591	509,705	0.9	1,466	13	0.9
	2004	59,556,591	577,063	1.0	1,413	11	0.8
	2005	59,552,039	757,893	1.3	1,384	17	1.2
	2006	59,552,039	704,506	1.2	1,362	14	1.0
	ALL YRS	713,767,301	6,926,372	1.0	19,358	172	0.9
3A	1995	182,683,910	1,401,793	0.8	2,764	12	0.4
	1996	184,311,045	1,892,265	1.0	2,541	25	1.0
	1997	184,740,655	1,365,302	0.7	2,343	19	0.8
	1998	184,723,476	1,513,511	0.8	2,247	14	0.6
	1999	184,806,828	1,427,786	0.8	2,156	13	0.6
	2000	184,902,586	1,545,521	0.8	2,098	13	0.6
	2001	184,873,475	2,554,579	1.4	2,049	12	0.6
	2002	184,930,966	2,509,525	1.4	2,017	13	0.6
	2003	184,930,966	2,906,696	1.6	1,964	13	0.7
	2004	184,910,103	2,345,131	1.3	1,897	12	0.6
	2005	184,911,315	2,059,648	1.1	1,842	11	0.6
	2006	184,911,315	1,346,530	0.7	1,795	9	0.5
	ALL YRS	2,215,636,640	22,868,287	1.0	25,713	166	0.6
3B	1995	53,394,413	491,569	0.9	957	5	0.5
	1996	53,824,727	744,933	1.4	838	13	1.6
	1997	53,912,549	439,227	0.8	715	9	1.3
	1998	53,840,588	500,535	0.9	669	7	1.0
	1999	53,858,666	329,206	0.6	630	5	0.8
	2000	53,907,509	700,633	1.3	609	7	1.1
	2001	53,907,509	646256	1.2	586	6	1.0
	2002	54,203,176	386502	0.7	577	4	0.7
	2003	54,203,176	479,041	0.9	577	6	1.0
	2004	54,262,333	744,586	1.4	557	5	0.9
	2005	54,262,333	749,127	1.4	546	6	1.1
	2006	54,203,176	1,028,050	1.9	526	9	1.7
	ALL YRS	647,780,155	7,239,665	1.1	7,787	82	1.1
4A	1995	14,276,912	228,184	1.6	478	3	0.6
	1996	14,421,900	163,133	1.1	433	10	2.3
	1997	14,502,965	144,378	1.0	382	4	1.0
	1998	14,503,009	186,537	1.3	359	5	1.4
	1999	14,503,996	185,803	1.3	338	4	1.2
	2000	14,503,996	109,728	0.8	315	3	1.0
	2001	14,503,996	152,332	1.1	295	3	1.0
	2002	14,503,996	143,642	1.0	290	3	1.0
	2003	14,587,099	77,907	0.5	282	2	0.7
	2004	14,587,099	182,193	1.2	280	3	1.1
	2005	14,587,099	106,214	0.7	271	3	1.1
	2006	14,587,099	78,066	0.5	264	2	0.8
	ALL YRS	174,069,166	1,680,051	1.0	3,986	45	1.1
4B	1995	9,022,264	224,317	2.5	145	3	2.1
	1996	9,281,377	0	0.0	141	0	0.0
	1997	9,284,774	0	0.0	132	0	0.0
	1998	9,284,774	0	0.0	124	0	0.0
	1999	9,284,774	0	0.0	117	0	0.0
	2000	9,284,774	93,319	1.0	113	1	0.9
	2001	9,284,774	47,534	0.5	112	1	0.9
	2002	9,284,774	46,930	0.5	108	1	0.9
	2003	9,284,774	46,401	0.5	108	1	0.9
	2004	9,284,774	0	0.0	107	0	0.0
	2005	9,293,391	43,410	0.5	106	1	0.9

Table 4-1a continued. Halibut QS and QS Holder Lease Rates by IFQ Area, 1995-2006

Area	Year	Year-end QS	Leased QS	QS Lease Rate(%)	Year-end Persons	Unique Lessors	Lessor Rate(%)
4B	2006	9,284,774	47,536	0.5	107	1	0.9
Cont.	ALL YRS	111,151,381	549,447	0.5	1,420	9	0.6
4C	1995	3,969,186	0	0.0	80	0	0.0
	1996	3,969,186	0	0.0	80	0	0.0
	1997	3,969,186	0	0.0	77	0	0.0
	1998	3,969,186	0	0.0	72	0	0.0
	1999	3,969,186	174,832	4.4	71	1	1.4
	2000	3,969,186	174,831	4.4	69	1	1.4
	2001	3,969,186	174,831	4.4	62	1	1.6
	2002	3,969,186	0	0.0	61	0	0.0
	2003	4,016,352	0	0.0	63	0	0.0
	2004	4,016,352	0	0.0	63	0	0.0
	2005	4,016,352	0	0.0	63	0	0.0
	2006	4,016,352	0	0.0	62	0	0.0
	ALL YRS	47,818,896	524,494	1.3	823	3	0.4
4D	1995	4,685,996	0	0.0	68	0	0.0
	1996	4,790,491	0	0.0	68	0	0.0
	1997	4,790,491	390,361	8.1	61	3	4.9
	1998	4,746,318	268,572	5.7	56	3	5.4
	1999	4,825,103	0	0.0	53	0	0.0
	2000	4,869,276	0	0.0	52	0	0.0
	2001	4,869,276	0	0.0	50	0	0.0
	2002	4,869,276	0	0.0	48	0	0.0
	2003	4,958,250	0	0.0	49	0	0.0
	2004	4,958,250	0	0.0	49	0	0.0
	2005	4,958,250	0	0.0	47	0	0.0
	2006	4,958,250	0	0.0	47	0	0.0
	ALL YRS	58,279,227	658,933	1.1	648	6	0.9
4E	1995	139,999	0	0.0	104	0	0.0
	1996	139,999	0	0.0	104	0	0.0
	1997	139,999	0	0.0	104	0	0.0
	1998	139,999	0	0.0	104	0	0.0
	1999	139,999	0	0.0	104	0	0.0
	2000	139,999	0	0.0	104	0	0.0
	2001	139,999	0	0.0	104	0	0.0
	2002	139,999	0	0.0	104	0	0.0
	2003	139,999	0	0.0	103	0	0.0
	2004	139,999	0	0.0	103	0	0.0
	2005	139,999	0	0.0	103	0	0.0
	2006	139,999	0	0.0	103	0	0.0
	ALL YRS	1,679,988	0	0.0	1,244	0	0.0

4.2. Halibut QS and QS Holder Transfer and Lease Rates By Area and Vessel Category, 1995–2006

Tables 4-2a and 4-2b provide more detailed summaries on halibut QS and QS holder lease rates by area and vessel category for the years 1995 through 2006. For comparative purposes, QS and QS holder permanent transfer rates have also been included. Leases and permanent transfers allow QS to move to persons who feel they can use it more profitably and allow consolidations of QS holdings and fishing operations either seasonally or permanently. These tables show high permanent QS transfer rates relative to QS lease rates in the first twelve years of the program. Freezer category lease rates (unrestricted) were higher than for catcher vessel lease rates.

Table 4-2a provides data for each area, year, and vessel category. It also provides summary data over all twelve years. The table includes the amount of QS at the end of each year, the amount of QS transferred within each year, and the amount of QS leased within each year. QS transfer rates and QS lease rates are calculated for each area, year, and vessel category. "All years rates" are also calculated for each area and vessel category. The methodology used to calculate these rates is the same as that described for Table 4-1.

The table indicates that freezer vessel lease and transfer rates differ sharply from catcher vessel lease and transfer rates. Leasing of halibut QS was largely confined to freezer vessels during 1995 – 2006. This is apparent from the relatively high freezer vessel QS lease rates shown in Table 4-2a. Recall that IFQ program rules place few rules on the leasing of freezer vessel QS.

For example, in the areas in which QS transactions occurred, the "All Years" non zero lease rates for freezer vessel QS ranged from 7.8% in Area 4B to 31.6% in Area 2C. In contrast, there was very little catcher vessel QS leased in any area; catcher vessel QS lease rates were less than 2.5% in all areas and vessel classes.

While catcher vessel QS lease rates were miniscule compared to freezer vessel QS lease rates, QS permanent transfer rates for catcher vessels were often higher than QS transfer rates for freezer vessels for many areas and catcher vessel classes except for a 5.1% rate in Area 4C in the 36-60 ft. category.

For example, during this twelve year period, permanent transfer rates for freezer vessel QS were the lowest of all the vessel categories in Area 2C, 3A and 4A. In contrast, during all this time, permanent QS transfer rates for freezer vessels were the highest of all the vessel categories in Area 4C and in the middle range for 3B, 4B and 4D.

Table 4-2b provides similar data for QS holders by area and vessel category. Again, data are provided for 1995 – 2006. The table includes the number of QS holders at the end of each year, the number of QS holders with transfers each year, and the number of QS holders with leases within each year. QS holder transfer rates and QS holder (lessor) lease rates are calculated for each area, year, and vessel category.

An “All Years” grouping sums data and provides QS holder lease rates (lessor rate) over all twelve years. Data on permanent halibut QS transfers by QS holders are provided for comparative purposes.

These data on QS holders with leases and transfers roughly parallel the data on QS leased and transferred. The number of catcher vessel QS holders who leased some QS in the first twelve years of the program was small relative to the number of year-end QS holders. QS holder lease rates were highest among holders of freezer vessel QS in all areas in which leases occurred.

Table 4-2a. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
2C	1995	Freezer	1,233,704	14,957	1.2	166,656	13.5
		GT 60 ft	2,900,705	454,014	15.7	3,604	0.1
		36 To 60 ft	45,222,555	8,021,093	17.7	0	0.0
		LE 35 ft	9,608,273	1,998,473	20.8	0	0.0
	1996	Freezer	1,243,061	170,327	13.7	219,174	17.6
		GT 60 ft	2,791,577	702,729	25.2	0	0.0
		36 To 60 ft	45,810,132	6,233,633	13.6	47,208	0.1
		LE 35 ft	9,180,797	1,863,632	20.3	2,011	0.0
	1997	Freezer	1,249,141	33,187	2.7	295,907	23.7
		GT 60 ft	2,709,684	373,203	13.8	0	0.0
		36 To 60 ft	46,498,798	4,489,620	9.7	120,075	0.3
		LE 35 ft	9,092,237	1,056,254	11.6	9,983	0.1
	1998	Freezer	1,249,141	31,432	2.5	379,527	30.4
		GT 60 ft	2,702,528	240,851	8.9	0	0.0
		36 To 60 ft	46,512,181	2,695,091	5.8	129,415	0.3
		LE 35 ft	9,087,407	634,917	7.0	9,983	0.1
	1999	Freezer	1,249,141	50,526	4.0	379,527	34.8
		GT 60 ft	2,678,909	188,220	7.0	0	0.0
		36 To 60 ft	46,544,193	4,352,697	9.4	163,145	0.4
		LE 35 ft	9,083,136	1,016,943	11.2	14,165	0.2
	2000	Freezer	1,249,141	410,578	32.9	482,680	38.6
		GT 60 ft	2,666,906	788,254	29.4	0	0.0
		36 To 60 ft	46,725,643	4,172,953	9.0	190,201	0.4
		LE 35 ft	8,992,153	921,444	10.1	6,189	0.1
	2001	Freezer	1,249,141	85,199	6.8	672,157	53.8
		GT 60 ft	2,666,906	974,052	36.5	0	0.0
		36 To 60 ft	46,725,643	3,287,359	7.0	177,346	0.4
		LE 35 ft	8,983,863	665,118	7.4	6,194	0.1
	2002	Freezer	1,249,141	74,444	6.0	615,279	49.3
		GT 60 ft	2,666,906	757,578	28.4	0	0.0
		36 To 60 ft	46,725,643	3,361,459	7.2	222,541	0.5
		LE 35 ft	8,983,863	789,770	8.8	6,195	0.1
	2003	Freezer	1,249,141	0	0.0	355,657	28.5
		GT 60 ft	2,666,906	595,744	22.3	0	0.0
		36 To 60 ft	46,657,330	3,329,604	7.1	144,240	0.3
		LE 35 ft	8,983,214	933,379	10.4	9,808	0.1
	2004	Freezer	1,249,141	0	0.0	359,832	28.8
		GT 60 ft	2,655,979	511,929	19.3	0	0.0
		36 To 60 ft	46,668,257	3,046,237	6.5	125,631	0.3
		LE 35 ft	8,983,214	861,340	9.6	94,503	1.1
	2005	Freezer	1,249,141	13,353	1.1	422,023	33.8
		GT 60 ft	2,653,410	492,437	18.6	31,233	1.2
		36 To 60 ft	46,666,634	3,822,114	8.2	197,904	0.4
		LE 35 ft	8,982,854	582,286	6.5	106,733	1.2

Table 4-2a continued. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
2C Cont.	2006	Freezer	1,249,141	58,757	4.7	325,992	26.1
		GT 60 ft	2,653,410	412,249	15.5	31,266	1.2
		36 To 60 ft	46,670,959	3,137,824	6.7	222,266	0.5
		LE 35 ft	8,978,529	296,077	3.3	124,982	1.4
	ALL	Freezer	14,968,175	942,760	6.3	4,729,549	31.6
	YEARS	GT 60 ft	32,425,829	6,491,260	20.0	66,103	0.2
		36 To 60 ft	557,326,043	50,332,102	9.0	1,739,972	0.3
		LE 35 ft	109,029,462	11,619,633	10.7	390,746	0.4
3A	1995	Freezer	4,156,950	164,789	4.0	1,239,915	29.8
		GT 60 ft	67,514,777	10,588,079	15.7	97,054	0.1
		36 To 60 ft	97,630,610	14,700,637	15.1	64,824	0.1
		LE 35 ft	13,381,573	3,103,984	23.2	0	0.0
	1996	Freezer	4,736,344	210,053	4.4	1,708,970	36.1
		GT 60 ft	68,251,744	7,135,866	10.5	60,440	0.1
		36 To 60 ft	98,459,927	16,201,562	16.5	122,855	0.1
		LE 35 ft	12,863,030	3,079,310	23.9	0	0.0
	1997	Freezer	4,755,112	391,508	8.2	803,536	16.9
		GT 60 ft	68,298,684	6,583,233	9.6	176,243	0.3
		36 To 60 ft	98,862,582	9,942,793	10.1	371,987	0.4
		LE 35 ft	12,824,277	1,643,264	12.8	13,536	0.1
	1998	Freezer	4,755,112	471,833	9.9	1,150,030	24.2
		GT 60 ft	68,347,490	2,200,081	3.2	0	0.0
		36 To 60 ft	98,745,121	6,558,793	6.6	307,147	0.3
		LE 35 ft	12,875,753	2,144,277	16.7	56,334	0.4
	1999	Freezer	4,755,112	53,125	1.1	1,110,304	24.2
		GT 60 ft	68,482,506	5,107,481	7.5	0	0.0
		36 To 60 ft	98,803,343	8,738,332	8.8	261,148	0.3
		LE 35 ft	12,765,867	2,348,960	18.4	56,334	0.4
	2000	Freezer	4,773,918	7,618	0.2	1,118,519	23.4
		GT 60 ft	68,531,533	4,842,359	7.1	144,007	0.2
		36 To 60 ft	98,834,545	8,420,496	8.5	240,194	0.2
		LE 35 ft	12,762,590	833,864	6.5	42,801	0.3
	2001	Freezer	4,773,918	257,469	5.4	1,084,168	22.7
		GT 60 ft	68,536,307	4,109,271	6.0	497,320	0.7
		36 To 60 ft	98,821,205	7,336,036	7.4	964,036	1.0
		LE 35 ft	12,742,045	1,121,720	8.8	9,055	0.1
	2002	Freezer	4,773,918	11,828	0.2	936,605	19.6
		GT 60 ft	68,536,316	3,947,540	5.8	497,312	0.7
		36 To 60 ft	98,821,205	7,190,961	7.3	1,028,135	1.0
		LE 35 ft	12,742,045	1,864,332	14.6	47,472	0.4
	2003	Freezer	4,773,918	201,764	4.2	914,754	19.2
		GT 60 ft	68,538,320	3,560,299	5.2	933,059	1.4
		36 To 60 ft	98,878,687	5,650,829	5.7	1,019,731	1.0
		LE 35 ft	12,740,041	1,544,202	12.1	39,152	0.3
	2004	Freezer	4,773,918	115,745	2.4	970,965	20.3
		GT 60 ft	68,519,881	2,318,027	3.4	1,220,968	1.8
		36 To 60 ft	98,876,263	7,398,098	7.5	104,922	0.1
		LE 35 ft	12,740,041	1,237,187	9.7	48,277	0.4
	2005	Freezer	4,773,918	113,947	2.4	821,443	17.2
		GT 60 ft	68,519,881	1,300,603	1.9	1,126,395	1.6
		36 To 60 ft	98,878,681	869,634	0.9	62,791	0.1
		LE 35 ft	12,738,835	426,370	3.3	49,019	0.4
	2006	Freezer	4,773,918	8,406	0.2	803,702	16.8
		GT 60 ft	68,559,245	2,282,836	4.1	375,138	0.5
		36 To 60 ft	98,878,681	5,762,764	5.8	157,821	0.2
		LE 35 ft	12,699,471	789,109	6.2	9,869	0.1
	ALL	Freezer	56,576,056	2,008,085	3.5	10,870,503	19.2
	YEARS	GT 60 ft	820,636,684	54,521,675	6.6	2,780,573	0.3
		36 To 60 ft	1,184,490,850	98,770,935	8.3	4,537,878	0.4
		LE 35 ft	153,875,568	20,133,579	13.1	274,553	0.2
3B	1995	Freezer	1,525,163	148,216	9.7	491,569	32.2
		GT 60 ft	29,676,351	3,443,909	11.6	0	0.0

Table 4-2a continued. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
3B Cont.	1995	36 To 60 ft	20,234,235	3,380,783	17.0	0	0.0
		LE 35 ft	1,958,664	295,594	15.1	0	0.0
	1996	Freezer	1,587,671	166,975	10.5	738,392	46.5
		GT 60 ft	29,930,873	2,881,424	9.6	6,541	0.0
		36 To 60 ft	20,598,405	3,988,982	19.4	0	0.0
		LE 35 ft	1,707,778	538,765	31.5	0	0.0
	1997	Freezer	1,593,155	8,498	0.5	340,434	21.4
		GT 60 ft	29,952,504	3,317,731	11.1	43,579	0.1
		36 To 60 ft	20,668,535	3,338,394	16.2	55,214	0.3
		LE 35 ft	1,698,355	519,761	30.6	0	0.0
	1998	Freezer	1,593,155	2,766	0.2	340,434	21.4
		GT 60 ft	29,944,248	581,437	1.9	0	0.0
		36 To 60 ft	20,621,534	2,264,440	11.0	160,101	0.8
		LE 35 ft	1,681,651	228,718	13.6	0	0.0
	1999	Freezer	1,593,155	368,719	23.1	241,097	15.1
		GT 60 ft	29,979,847	3,296,916	11.0	0	0.0
		36 To 60 ft	20,621,534	2,434,427	11.8	88,109	0.4
		LE 35 ft	1,664,130	267,995	16.1	0	0.0
	2000	Freezer	1,593,155	0	0.0	613,767	38.5
		GT 60 ft	29,980,804	1,703,259	5.7	0	0.0
		36 To 60 ft	20,670,377	1,971,137	9.5	86,866	0.4
		LE 35 ft	1,663,173	264,918	15.9	0	0.0
	2001	Freezer	1,593,155	352,418	22.1	462,340	29.0
		GT 60 ft	29,983,124	2,633,921	8.8	0	0.0
		36 To 60 ft	20,670,377	1,234,278	6.0	183,915	0.9
		LE 35 ft	1,660,853	76,938	4.6	0	0.0
	2002	Freezer	1,593,155	148,216	9.3	202,582	12.7
		GT 60 ft	29,983,124	1,925,030	6.4	0	0.0
		36 To 60 ft	20,670,377	1,593,678	7.7	183,920	0.9
		LE 35 ft	1,660,853	204,307	12.3	0	0.0
	2003	Freezer	1,593,155	171,006	10.7	240,084	15.1
		GT 60 ft	29,983,709	1,964,924	6.6	55,041	0.0
		36 To 60 ft	20,966,044	2,626,343	12.5	183,916	0.9
		LE 35 ft	1,660,268	289,952	17.5	0	0.0
	2004	Freezer	1,593,155	23,949	1.5	304,347	19.1
		GT 60 ft	30,042,866	650,552	2.2	88,776	0.3
		36 To 60 ft	20,966,044	2,374,910	11.3	351,463	1.7
		LE 35 ft	1,660,268	132,598	8.0	0	0.0
	2005	Freezer	1,593,155	0	0.0	187,986	11.8
		GT 60 ft	30,042,866	1,930,108	6.4	88,775	0.3
		36 To 60 ft	20,966,072	2,169,508	10.3	472,366	2.3
		LE 35 ft	1,660,240	25,828	1.6	0	0.0
	2006	Freezer	1,593,155	255,974	16.1	246,972	15.5
		GT 60 ft	29,987,611	1,638,977	5.5	248,766	0.8
		36 To 60 ft	20,966,072	1,757,891	8.4	532,312	2.5
		LE 35 ft	1,656,338	143,212	8.6	0	0.0
	ALL YEARS	Freezer	19,044,384	1,646,737	8.6	4,410,000	23.2
		GT 60 ft	359,487,927	25,968,188	7.2	531,478	0.1
		36 To 60 ft	248,619,606	29,134,771	11.7	2,298,182	0.9
		LE 35 ft	20,332,571	2,988,586	14.7	0	0.0
4A	1995	Freezer	588,884	58,866	10.0	228,184	38.7
		GT 60 ft	8,350,730	587,903	7.0	0	0.0
		36 To 60 ft	4,243,601	896,719	21.1	0	0.0
		LE 35 ft	1,093,697	213,547	19.5	0	0.0
	1996	Freezer	617,547	172,451	27.9	161,075	26.1
		GT 60 ft	8,478,868	769,298	9.1	2,058	0.0
		36 To 60 ft	4,267,424	905,293	21.2	0	0.0
		LE 35 ft	1,058,061	222,851	21.1	0	0.0
	1997	Freezer	619,003	2,590	0.4	144,378	23.3
		GT 60 ft	8,532,238	1,694,690	19.9	0	0.0
		36 To 60 ft	4,280,423	1,301,974	30.4	0	0.0

Table 4-2a continued. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4A	1997	LE 35 ft	1,071,301	444,898	41.5	0	0.0
Cont.	1998	Freezer	619,003	734	0.1	186,537	30.1
		GT 60 ft	8,531,883	327,750	3.8	0	0.0
		36 To 60 ft	4,287,490	372,816	8.7	0	0.0
		LE 35 ft	1,064,633	204,543	19.2	0	0.0
	1999	Freezer	619,003	114,681	18.5	185,803	30.0
		GT 60 ft	8,540,086	659,578	7.2	0	0.0
		36 To 60 ft	4,287,490	294,764	6.9	0	0.0
		LE 35 ft	1,057,417	196,226	18.6	0	0.0
	2000	Freezer	619,003	63,098	10.2	109,728	17.7
		GT 60 ft	8,544,724	2,159,073	25.4	0	0.0
		36 To 60 ft	4,287,490	447,559	10.4	0	0.0
		LE 35 ft	1,052,779	195,842	19.1	0	0.0
	2001	Freezer	619,003	81,342	13.1	152,332	24.6
		GT 60 ft	8,545,892	752,695	8.8	0	0.0
		36 To 60 ft	4,287,490	619,490	14.4	0	0.0
		LE 35 ft	1,051,611	159,949	15.2	0	0.0
	2002	Freezer	619,003	0	0.0	143,642	23.2
		GT 60 ft	8,545,942	1,129,957	13.2	0	0.0
		36 To 60 ft	4,287,490	383,160	8.9	0	0.0
		LE 35 ft	1,051,357	272,307	25.6	0	0.0
	2003	Freezer	619,003	0	0.0	77,907	12.6
		GT 60 ft	8,546,354	741,847	8.7	0	0.0
		36 To 60 ft	4,370,593	481,503	11.0	0	0.0
		LE 35 ft	1,050,945	274,064	26.1	0	0.0
	2004	Freezer	619,003	696	0.1	80,549	13.0
		GT 60 ft	8,546,354	831,512	9.7	0	0.0
		36 To 60 ft	4,370,593	1,072,241	24.5	101,644	2.3
		LE 35 ft	1,050,945	283,535	27.0	0	0.0
	2005	Freezer	619,003	113,947	18.4	79,385	12.8
		GT 60 ft	8,546,652	1,300,603	15.2	0	0.0
		36 To 60 ft	4,370,615	869,634	19.9	0	0.0
		LE 35 ft	1,050,625	426,370	40.6	26,829	2.6
	2006	Freezer	619,003	0	0.0	78,066	12.6
		GT 60 ft	8,547,737	770,077	10.8	0	0.0
		36 To 60 ft	4,370,615	881,040	65.4	0	0.0
		LE 35 ft	1,049,744	226,858	84.3	0	0.0
	ALL	Freezer	7,396,461	608,405	8.2	1,627,586	22.0
	YEARS	GT 60 ft	102,257,660	11,724,983	11.5	2,058	0.0
		36 To 60 ft	51,711,314	8,526,193	16.5	101,644	0.2
		LE 35 ft	12,703,731	3,120,990	24.6	26,829	0.2
4B	1995	Freezer	322,852	0	0.0	175,269	54.3
		GT 60 ft	7,100,366	259,872	3.7	49,048	0.7
		36 To 60 ft	1,333,447	149,126	11.2	0	0.0
		LE 35 ft	265,599	0	0.0	0	0.0
	1996	Freezer	553,489	0	0.0	0	0.0
		GT 60 ft	7,114,526	317,384	4.5	0	0.0
		36 To 60 ft	1,347,763	98,981	7.3	0	0.0
		LE 35 ft	265,599	16,079	6.1	0	0.0
	1997	Freezer	553,489	312,602	56.5	0	0.0
		GT 60 ft	7,114,526	1,216,374	17.1	0	0.0
		36 To 60 ft	1,347,763	260,065	19.3	0	0.0
		LE 35 ft	268,996	10,503	3.9	0	0.0
	1998	Freezer	553,489	105,248	19.0	0	0.0
		GT 60 ft	7,114,526	350,032	4.9	0	0.0
		36 To 60 ft	1,347,763	112,451	8.3	0	0.0
		LE 35 ft	268,996	12,110	4.5	0	0.0
	1999	Freezer	553,489	0	0.0	0	0.0
		GT 60 ft	7,114,526	875,249	12.3	0	0.0

Table 4-2a continued. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4B Cont.	1999	36 To 60 ft	1,347,763	145,873	10.8	0	0.0
		LE 35 ft	268,996	90,014	33.5	0	0.0
	2000	Freezer	553,489	105,831	19.1	93,319	16.9
		GT 60 ft	7,114,526	1,362,569	19.2	0	0.0
		36 To 60 ft	1,347,763	336,885	25.0	0	0.0
		LE 35 ft	268,996	109,622	40.8	0	0.0
	2001	Freezer	553,489	0	0.0	47,534	8.6
		GT 60 ft	7,114,526	926,376	13.0	0	0.0
		36 To 60 ft	1,347,763	238,235	17.7	0	0.0
		LE 35 ft	268,996	180,035	66.9	0	0.0
	2002	Freezer	553,489	0	0.0	46,930	8.5
		GT 60 ft	7,114,526	577,089	8.	0	0.0
		36 To 60 ft	1,347,763	52,405	3.9	0	0.0
		LE 35 ft	268,996	44,267	16.5	0	0.0
	2003	Freezer	553,489	0	0.0	46,401	8.4
		GT 60 ft	7,114,526	59,573	14.5	0	0.0
		36 To 60 ft	1,347,763	1,029,641	22.2	0	0.0
		LE 35 ft	268,996	298,993	0.0	0	0.0
	2004	Freezer	553,489	0	0.0	0	0.0
		GT 60 ft	7,114,526	1,194,758	16.8	0	0.0
		36 To 60 ft	1,347,763	91,493	6.8	0	0.0
		LE 35 ft	268,996	0	0.0	0	0.0
	2005	Freezer	553,489	0	0.0	43,410	7.8
		GT 60 ft	7,114,526	635,373	8.9	0	0.0
		36 To 60 ft	1,347,763	114,641	8.5	0	0.0
		LE 35 ft	268,996	0	0.0	0	0.0
	2006	Freezer	553,489	255,974	46.2	47,536	8.6
		GT 60 ft	7,114,526	1,638,977	23.0	0	0.0
		36 To 60 ft	1,347,763	1,757,891	130.4	0	0.0
		LE 35 ft	268,996	143,212	53.2	0	0.0
	ALL YEARS	Freezer	6,476,745	784,655	12.1	500,399	7.8
		GT 60 ft	86,777,509	9,413,626	10.8	49,048	0.1
		36 To 60 ft	19,098,567	4,387,687	23.0	0	0.0
		LE 35 ft	4,016,795	904,835	22.5	0	0.0
4C	1995	Freezer	18,876	37,752	200.0	0	0.0
		GT 60 ft	1,767,422	0	0.0	0	0.0
		36 To 60 ft	1,007,084	67,578	6.7	0	0.0
		LE 35 ft	1,175,804	0	0.0	0	0.0
	1996	Freezer	18,876	37,752	200.0	0	0.0
		GT 60 ft	1,620,607	0	0.0	0	0.0
		36 To 60 ft	820,661	0	0.0	0	0.0
		LE 35 ft	1,509,042	576,694	38.2	0	0.0
	1997	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	264,166	16.3	0	0.0
		36 To 60 ft	820,661	115,897	14.1	0	0.0
		LE 35 ft	1,509,042	0	0.0	0	0.0
	1998	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	06,938	6.6	0	0.0
		36 To 60 ft	820,661	92,984	11.3	0	0.0
		LE 35 ft	1,509,042	13,713	0.9	0	0.0
	1999	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	13,128	0.8	0	0.0
		36 To 60 ft	820,661	206,836	25.2	174,832	21.3
		LE 35 ft	1,509,042	0	0.0	0	0.0
	2000	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	29,810	1.8	0	0.0
		36 To 60 ft	820,661	38,813	4.7	174,831	21.3
		LE 35 ft	1,509,042	154,118	10.2	0	0.0

Table 4-2a continued. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4C Cont.	2001	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	408,597	25.2	0	0.0
		36 To 60 ft	820,661	287,706	35.1	174,831	21.3
		LE 35 ft	1,509,042	24,275	1.6	0	0.0
	2002	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	0	0.0	0	0.0
		36 To 60 ft	820,661	0	0.0	0	0.0
		LE 35 ft	1,509,042	0	0.0	0	0.0
	2003	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	128,008	7.9	0	0.0
		36 To 60 ft	867,827	335,040	38.6	0	0.0
		LE 35 ft	1,509,042	0	0.0	0	0.0
	2004	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	64,996	4.0	0	0.0
		36 To 60 ft	867,827	314,276	36.2	0	0.0
		LE 35 ft	1,509,042	0	0.0	0	0.0
	2005	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	141,389	8.7	0	0.0
		36 To 60 ft	867,827	146,628	16.9	0	0.0
		LE 35 ft	1,509,042	135,459	9.0	0	0.0
	2006	Freezer	18,876	0	0.0	0	0.0
		GT 60 ft	1,620,607	0	0.0	0	0.0
		36 To 60 ft	867,827	0	0.0	0	0.0
		LE 35 ft	1,509,042	32,196	2.1	0	0.0
	ALL YEARS	Freezer	226,512	75,504	33.3	0	0.0
		GT 60 ft	19,594,099	1,157,032	5.9	0	0.0
		36 To 60 ft	10,223,019	1,605,758	15.7	524,494	5.1
		LE 35 ft	17,775,266	936,455	5.3	0	0.0
4D	1995	Freezer	355,318	0	0.0	0	0.0
		GT 60 ft	3,975,433	69,848	1.8	0	0.0
		36 To 60 ft	355,245	39,715	11.2	0	0.0
	1996	Freezer	413,936	154,426	37.3	0	0.0
		GT 60 ft	4,021,310	283,742	7.1	0	0.0
		36 To 60 ft	355,245	0	0.0	0	0.0
	1997	Freezer	413,936	145,364	35.1	390,361	94.3
		GT 60 ft	4,021,310	846,912	21.1	0	0.0
		36 To 60 ft	355,245	158,168	44.5	0	0.0
	1998	Freezer	413,936	58,618	14.2	268,572	64.9
		GT 60 ft	4,021,310	244,340	6.1	0	0.0
		36 To 60 ft	311,072	20,214	6.5	0	0.0
	1999	Freezer	413,936	58,618	14.2	0	0.0
		GT 60 ft	4,100,095	281,832	6.9	0	0.0
		36 To 60 ft	311,072	30,978	10.0	0	0.0
	2000	Freezer	413,936	0	0.0	0	0.0
		GT 60 ft	4,100,095	603,324	14.7	0	0.0
		36 To 60 ft	355,245	135,996	38.3	0	0.0
	2001	Freezer	413,936	0	0.0	0	0.0
		GT 60 ft	4,100,095	521,466	12.7	0	0.0
		36 To 60 ft	355,245	316,348	89.1	0	0.0
	2002	Freezer	413,936	0	0.0	0	0.0
		GT 60 ft	4,100,095	726,969	17.7	0	0.0
		36 To 60 ft	355,245	225,376	63.4	0	0.0
	2003	Freezer	413,936	0	0.0	0	0.0
		GT 60 ft	4,100,095	482,782	11.8	0	0.0
		36 To 60 ft	444,219	120,692	27.2	0	0.0
	2004	Freezer	413,936	55,528	13.4	0	0.0
		GT 60 ft	4,100,095	272,559	6.6	0	0.0
		36 To 60 ft	444,219	0	0.0	0	0.0

Table 4-2a continued. Halibut QS Transfer and Lease Rates, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4D Cont.	2005	Freezer	413,936	0	0.0	0	0.0
		GT 60 ft	4,100,095	44,647	1.1	0	0.0
		36 To 60 ft	444,219	60,511	13.6	0	0.0
	2006	Freezer	413,936	0	0.0	0	0.0
		GT 60 ft	4,100,095	0	0.0	0	0.0
		36 To 60 ft	444,219	0	0.0	0	0.0
	ALL	Freezer	4,908,614	472,554	9.6	658,933	13.4
	YEARS	GT 60 ft	48,840,123	4,378,421	9.0	0	0.0
		36 To 60 ft	4,530,490	1,107,998	24.5	0	0.0
4E	1995	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	1996	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	1997	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	1,856	5.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	1998	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	1999	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	2000	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	2001	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	2002	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	2003	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	698	0.0	0	0.0
	2004	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	2005	GT 60 ft	11,176	0	0.0	0	0.0
		36 To60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	2006	GT 60 ft	11,176	0	0.0	0	0.0
		36 To 60 ft	37,032	0	0.0	0	0.0
		LE 35 ft	91,791	0	0.0	0	0.0
	ALL	GT 60 ft.	134,112	0	0.0	0	0.0
	YEARS	36-60 ft.	444,384	1,856	0.6	0	0.0
		LE 35 ft.	1,101,492	698	0.1	0	0.0

Note: These data may include multiple transactions involving the same QS units.

Table 4-2b. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
2C	1995	Freezer	30	2	6.7	6	20.0
		GT 60 ft	125	18	14.4	1	0.8
		36 To 60 ft	1,019	279	27.4	0	0.0
		LE 35 ft	984	152	15.4	0	0.0
	1996	Freezer	29	9	31.0	7	24.1
		GT 60 ft	102	32	31.4	0	0.0
		36 To 60 ft	954	247	25.9	4	0.4
		LE 35 ft	871	158	18.1	1	0.1
	1997	Freezer	29	5	17.2	9	31.0
		GT 60 ft	91	16	17.6	0	0.0
		36 To 60 ft	873	180	20.6	4	0.5
		LE 35 ft	793	122	15.4	2	0.3
	1998	Freezer	29	2	6.9	10	34.5
		GT 60 ft	83	13	15.7	0	0.0
		36 To 60 ft	855	95	11.1	2	0.2
		LE 35 ft	758	56	7.4	2	0.3
	1999	Freezer	29	3	0.2	12	41.4
		GT 60 ft	80	8	10.0	0	0.0
		36 To 60 ft	837	104	12.4	3	0.4
		LE 35 ft	721	73	10.1	2	0.3
	2000	Freezer	28	6	21.4	12	42.9
		GT 60 ft	79	15	19.0	0	0.0
		36 To 60 ft	822	96	11.7	3	0.4
		LE 35 ft	696	57	8.2	1	0.1
	2001	Freezer	28	2	7.1	14	50.0
		GT 60 ft	76	15	19.7	0	0.0
		36 To 60 ft	803	92	11.5	3	0.4
		LE 35 ft	674	45	6.7	1	0.1
	2002	Freezer	28	1	3.6	14	50.0
		GT 60 ft	77	10	13.0	0	0.0
		36 To 60 ft	791	70	8.8	4	0.5
		LE 35 ft	665	50	7.5	1	0.2
	2003	Freezer	28	0	0.0	10	35.7
		GT 60 ft	74	12	16.2	0	0.0
		36 To 60 ft	783	90	11.5	2	0.3
		LE 35 ft	640	61	9.5	1	0.2
	2004	Freezer	28	0	0.0	8	28.6
		GT 60 ft	71	6	8.5	0	0.0
		36 To 60 ft	758	85	11.2	1	0.1
		LE 35 ft	610	63	10.3	2	0.3
	2005	Freezer	28	1	3.6	10	35.7
		GT 60 ft	70	7	10.0	1	1.4
		36 To 60 ft	755	83	11.0	4	0.5
		LE 35 ft	579	43	7.4	3	0.5
	2006	Freezer	28	2	7.1	8	28.6
		GT 60 ft	70	6	8.6	1	1.4
		36 To 60 ft	747	86	11.5	4	0.5
		LE 35 ft	561	34	6.1	2	0.4
	ALL YEARS	Freezer	342	33	9.6	120	35.1
		GT 60 ft	998	158	15.8	3	0.3
		36 To 60 ft	9,997	1,507	15.1	34	0.3
		LE 35 ft	8,552	914	10.7	18	0.2

Table 4-2b continued. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
3A	1995	Freezer	37	2	5.4	7	18.9
		GT 60 ft	274	82	29.9	2	0.7
		36 To 60 ft	1,349	284	21.1	3	0.2
		LE 35 ft	1,163	161	13.8	0	0.0
	1996	Freezer	38	5	13.2	8	21.1
		GT 60 ft	281	72	25.6	11	3.9
		36 To 60 ft	1,248	316	25.3	6	0.5
		LE 35 ft	1,062	145	13.7	0	0.0
	1997	Freezer	38	7	18.4	6	15.8
		GT 60 ft	277	52	18.8	6	2.2
		36 To 60 ft	1,151	243	21.1	7	0.6
		LE 35 ft	972	146	15.0	1	0.1
	1998	Freezer	37	3	8.1	7	18.9
		GT 60 ft	277	40	14.4	0	0.0
		36 To 60 ft	1,111	128	11.5	5	0.5
		LE 35 ft	923	76	8.2	2	0.2
	1999	Freezer	37	2	5.4	7	18.9
		GT 60 ft	277	39	14.1	0	0.0
		36 To 60 ft	1,083	149	13.8	4	0.4
		LE 35 ft	874	71	8.1	2	0.2
	2000	Freezer	38	2	5.3	7	18.4
		GT 60 ft	278	27	9.7	1	0.4
		36 To 60 ft	1,051	113	10.8	4	0.4
		LE 35 ft	843	49	5.8	1	0.1
	2001	Freezer	37	1	2.7	7	18.9
		GT 60 ft	281	25	8.9	2	0.7
		36 To 60 ft	1,031	118	11.4	3	0.3
		LE 35 ft	812	52	6.4	1	0.1
	2002	Freezer	36	2	5.6	7	19.4
		36 To 60 ft	1,007	120	11.9	3	0.3
		LE 35 ft	812	46	5.7	2	0.2
	2003	Freezer	36	4	11.1	7	19.4
		GT 60 ft	284	24	8.5	2	0.7
		36 To 60 ft	987	113	11.4	4	0.4
		LE 35 ft	789	71	9.0	1	0.1
	2004	Freezer	35	3	8.6	6	17.1
		GT 60 ft	280	25	8.9	2	0.7
		36 To 60 ft	958	113	11.8	2	0.2
		LE 35 ft	727	78	10.7	2	0.3
	2005	Freezer	36	2	5.6	5	13.9
		GT 60 ft	279	27	9.7	2	0.7
		36 To 60 ft	943	23	2.4	2	0.2
		LE 35 ft	721	17	2.4	2	0.3
	2006	Freezer	36	2	5.6	5	13.9
		GT 60 ft	282	27	9.6	1	0.4
		36 To 60 ft	925	135	14.6	2	0.2

Table 4-2b continued. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
3A		LE 35 ft	695	53	7.6	1	0.1
Cont.	ALL	Freezer	441	35	7.9	79	17.9
	YEARS	GT 60 ft	3,350	468	14.0	31	0.9
		36 To 60 ft	12,844	1,855	14.4	45	0.4
		LE 35 ft	10,393	965	9.3	15	0.1
3B	1995	Freezer	20	1	5.0	5	25.0
		GT 60 ft	195	58	29.7	0	0.0
		36 To 60 ft	511	81	15.9	0	0.0
		LE 35 ft	253	12	4.7	0	0.0
	1996	Freezer	18	7	38.9	5	27.8
		GT 60 ft	182	95	52.2	8	4.4
		36 To 60 ft	483	120	24.8	0	0.0
		LE 35 ft	188	28	14.9	0	0.0
	1997	Freezer	18	2	11.1	5	27.8
		GT 60 ft	178	42	23.6	2	1.1
		36 To 60 ft	394	151	38.3	2	0.5
		LE 35 ft	160	46	28.8	0	0.0
	1998	Freezer	18	1	5.6	5	27.8
		GT 60 ft	175	23	13.1	0	0.0
		36 To 60 ft	374	47	12.6	2	0.5
		LE 35 ft	139	17	12.2	0	0.0
	1999	Freezer	19	4	21.1	3	15.8
		GT 60 ft	180	34	18.9	0	0.0
		36 To 60 ft	346	52	15.0	2	0.6
		LE 35 ft	121	10	8.3	0	0.0
	2000	Freezer	19	0	0.0	6	31.6
		GT 60 ft	176	21	12.1	0	0.0
		36 To 60 ft	337	43	13.0	1	0.3
		LE 35 ft	116	8	7.2	0	0.0
	2001	Freezer	18	2	11.1	5	27.8
		GT 60 ft	176	25	14.3	0	0.0
		36 To 60 ft	327	42	13.0	1	0.3
		LE 35 ft	108	5	4.8	0	0.0
	2002	Freezer	18	1	5.6	3	16.7
		GT 60 ft	178	18	10.2	0	0.0
		36 To 60 ft	317	41	13.0	1	0.3
		LE 35 ft	106	8	7.8	0	0.0
	2003	Freezer	17	2	11.8	3	17.6
		GT 60 ft	180	19	18.6	0	0.0
		36 To 60 ft	316	46	25.7	2	0.6
		LE 35 ft	105	5	1.6	0	0.0
	2004	Freezer	17	1	5.9	3	17.6
		GT 60 ft	179	12	6.8	1	0.6
		36 To 60 ft	302	42	14.0	2	0.7
		LE 35 ft	102	7	7.1	0	0.0
	2005	Freezer	17	0	0.0	3	17.6
		GT 60 ft	177	14	7.9	1	0.6
		36 To 60 ft	298	36	12.1	3	1.0
		LE 35 ft	101	3	3.0	0	0.0
	2006	Freezer	17	2	11.8	3	17.6
		GT 60 ft	179	17	9.5	3	1.7
		36 To 60 ft	290	33	11.4	5	1.7
		LE 35 ft	93	9	9.7	0	0.0
	ALL	Freezer	216	23	10.6	49	22.7
	YEARS	GT 60 ft	2,155	378	17.5	15	0.7
		36 To 60 ft	4,295	734	17.1	21	0.5
		LE 35 ft	1,592	158	9.9	0	0.0
4A	1995	Freezer	17	1	5.9	3	17.6
		GT 60 ft	136	40	29.4	0	0.0
		36 To 60 ft	135	28	20.7	0	0.0
		LE 35 ft	200	22	11.0	0	0.0

Table 4-2b continued. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
4A Cont.	1996	Freezer	17	3	17.6	2	11.8
		GT 60 ft	139	40	28.8	8	5.8
		36 To 60 ft	126	31	24.6	0	0.0
		LE 35 ft	168	15	8.9	0	0.0
	1997	Freezer	17	3	17.6	4	23.5
		GT 60 ft	130	33	25.4	0	0.0
		36 To 60 ft	107	57	53.3	0	0.0
		LE 35 ft	151	41	27.2	0	0.0
	1998	Freezer	17	1	5.9	5	29.4
		GT 60 ft	124	23	18.5	0	0.0
		36 To 60 ft	100	16	16.0	0	0.0
		LE 35 ft	138	9	6.5	0	0.0
	1999	Freezer	17	3	17.6	4	23.5
		GT 60 ft	117	30	25.6	0	0.0
		36 To 60 ft	98	13	13.3	0	0.0
		LE 35 ft	124	10	8.1	0	0.0
	2000	Freezer	17	1	5.9	3	17.6
		GT 60 ft	115	36	31.3	0	0.0
		36 To 60 ft	96	19	19.8	0	0.0
		LE 35 ft	112	10	8.9	0	0.0
	2001	Freezer	15	5	33.3	3	20.0
		GT 60 ft	111	21	18.9	0	0.0
		36 To 60 ft	90	19	21.1	0	0.0
		LE 35 ft	103	6	5.8	0	0.0
	2002	Freezer	15	0	0.0	3	20.0
		GT 60 ft	111	22	19.8	0	0.0
		36 To 60 ft	92	11	12.0	0	0.0
		LE 35 ft	99	11	11.1	0	0.0
	2003	Freezer	15	0	0.0	2	13.3
		GT 60 ft	109	17	15.6	0	0.0
		36 To 60 ft	92	17	18.5	0	0.0
		LE 35 ft	95	10	10.5	0	0.0
	2004	Freezer	14	1	7.1	2	14.3
		GT 60 ft	109	17	15.6	0	0.0
		36 To 60 ft	90	17	18.9	1	1.1
		LE 35 ft	95	9	9.5	0	0.0
	2005	Freezer	12	2	16.7	2	16.7
		GT 60 ft	107	23	21.5	0	0.0
		36 To 60 ft	91	19	20.9	0	0.0
		LE 35 ft	94	12	12.8	1	1.1
	2006	Freezer	12	0	0.0	2	16.7
		GT 60 ft	107	12	11.2	0	0.0
		36 To 60 ft	91	18	19.8	0	0.0
		LE 35 ft	89	7	7.9	0	0.0
	ALL YEARS	Freezer	185	20	10.8	35	18.9
		GT 60 ft	1,415	314	22.2	8	0.6
		36 To 60 ft	1,026	265	25.8	1	0.1
		LE 35 ft	1,285	143	11.1	1	0.1
4B	1995	Freezer	7	0	0.0	2	28.6
		GT 60 ft	78	8	10.3	1	1.3
		36 To 60 ft	34	5	14.7	0	0.0
		LE 35 ft	27	0	0.0	0	0.0
	1996	Freezer	8	0	0.0	0	0.0
		GT 60 ft	77	7	9.1	0	0.0
		36 To 60 ft	33	2	6.1	0	0.0
		LE 35 ft	26	3	11.5	0	0.0
	1997	Freezer	7	3	42.9	0	0.0
		GT 60 ft	72	19	26.4	0	0.0
		36 To 60 ft	29	9	31.0	0	0.0
		LE 35 ft	26	2	7.7	0	0.0

Table 4-2b continued. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
4B Cont.	1998	Freezer	7	1	14.3	0	0.0
		GT 60 ft	70	7	10.0	0	0.0
		36 To 60 ft	28	6	21.4	0	0.0
		LE 35 ft	25	1	4.0	0	0.0
	1999	Freezer	7	0	0.0	0	0.0
		GT 60 ft	69	11	15.9	0	0.0
		36 To 60 ft	29	4	13.8	0	0.0
		LE 35 ft	20	8	40.0	0	0.0
	2000	Freezer	7	3	42.9	1	14.3
		GT 60 ft	68	22	32.4	0	0.0
		36 To 60 ft	28	12	42.9	0	0.0
		LE 35 ft	19	6	31.6	0	0.0
	2001	Freezer	7	0	0.0	1	14.3
		GT 60 ft	71	11	15.5	0	0.0
		36 To 60 ft	31	6	19.4	0	0.0
		LE 35 ft	17	8	47.1	0	0.0
	2002	Freezer	7	0	0.0	1	14.3
		GT 60 ft	68	11	16.2	0	0.0
		36 To 60 ft	31	2	6.5	0	0.0
		LE 35 ft	16	2	12.5	0	0.0
	2003	Freezer	7	2	28.6	1	14.3
		GT 60 ft	68	16	23.5	0	0.0
		36 To 60 ft	32	9	28.1	0	0.0
		LE 35 ft	16	0	0.0	0	0.0
	2004	Freezer	7	0	0.0	0	0.0
		GT 60 ft	68	10	14.7	0	0.0
		36 To 60 ft	32	3	9.4	0	0.0
		LE 35 ft	16	0	0.0	0	0.0
	2005	Freezer	7	0	0.0	1	14.3
		GT 60 ft	66	8	12.1	0	0.0
		36 To 60 ft	32	3	9.4	0	0.0
		LE 35 ft	16	0	0.0	0	0.0
	2006	Freezer	7	2	28.6	0	0.0
		GT 60 ft	67	17	25.4	0	0.0
		36 To 60 ft	32	33	103.1	0	0.0
		LE 35 ft	16	9	56.3	0	0.0
	ALL YEARS	Freezer	270	31	11.5	42	15.6
		GT 60 ft	2,257	461	20.4	9	0.4
		36 To 60 ft	1,397	359	25.7	1	0.0
		LE 35 ft	1,525	182	11.9	1	0.0
4C	1995	Freezer	1	2	200.0	0	0.0
		GT 60 ft	29	0	0.0	0	0.0
		36 To 60 ft	20	1	5.0	0	0.0
		LE 35 ft	31	0	0.0	0	0.0
	1996	Freezer	1	2	200.0	0	0.0
		GT 60 ft	28	0	0.0	0	0.0
		36 To 60 ft	19	0	0.0	0	0.0
		LE 35 ft	33	4	12.1	0	0.0
	1997	Freezer	1	0	0.0	0	0.0
		GT 60 ft	28	6	21.4	0	0.0
		36 To 60 ft	18	3	16.7	0	0.0
		LE 35 ft	33	0	0.0	0	0.0
	1998	Freezer	1	0	0.0	0	0.0
		GT 60 ft	26	4	15.4	0	0.0
		36 To 60 ft	17	3	17.6	0	0.0
		LE 35 ft	32	1	3.1	0	0.0
	1999	Freezer	1	0	0.0	0	0.0
		GT 60 ft	26	1	3.8	0	0.0
		36 To 60 ft	17	2	11.8	1	5.9
		LE 35 ft	32	0	0.0	0	0.0
	2000	Freezer	1	0	0.0	0	0.0
		GT 60 ft	25	3	12.0	0	0.0

Table 4-2b continued. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
4C		36 To 60 ft	16	3	18.8	1	6.3
Cont.		LE 35 ft	33	3	9.1	0	0.0
	2001	Freezer	1	0	0.0	0	0.0
		GT 60 ft	24	7	29.2	0	0.0
		36 To 60 ft	12	5	41.7	1	8.3
		LE 35 ft	32	1	3.1	0	0.0
	2002	Freezer	1	0	0.0	0	0.0
		GT 60 ft	23	0	0.0	0	0.0
		36 To 60 ft	11	0	0.0	0	0.0
		LE 35 ft	32	0	0.0	0	0.0
	2003	Freezer	1	0	0.0	0	0.0
		GT 60 ft	23	1	4.3	0	0.0
		36 To 60 ft	14	3	21.4	0	0.0
		LE 35 ft	32	0	0.0	0	0.0
	2004	Freezer	1	0	0.0	0	0.0
		GT 60 ft	23	2	8.7	0	0.0
		36 To 60 ft	14	4	28.6	0	0.0
		LE 35 ft	32	0	0.0	0	0.0
	2005	Freezer	1	0	0.0	0	0.0
		GT 60 ft	23	3	13.0	0	0.0
		36 To 60 ft	14	2	14.3	0	0.0
		LE 35 ft	33	3	9.1	0	0.0
	2006	Freezer	1	0	0.0	0	0.0
		GT 60 ft	23	0	0.0	0	0.0
		36 To 60 ft	14	0	0.0	0	0.0
		LE 35 ft	32	1	3.1	0	0.0
	ALL	Freezer	12	4	33.3	0	0.0
	YEARS	GT 60 ft	301	27	9.0	0	0.0
		36 To 60 ft	186	26	14.0	3	1.6
		LE 35 ft	387	13	3.4	0	0.0
4D	1995	Freezer	5	0	0.0	0	0.0
		GT 60 ft	49	1	2.0	0	0.0
		36 To 60 ft	14	1	7.1	0	0.0
	1996	Freezer	6	1	16.7	0	0.0
		GT 60 ft	49	4	8.2	0	0.0
		36 To 60 ft	14	0	0.0	0	0.0
	1997	Freezer	5	3	60.0	3	60.0
		GT 60 ft	47	13	27.7	0	0.0
		36 To 60 ft	13	5	38.5	0	0.0
	1998	Freezer	5	1	20.0	3	60.0
		GT 60 ft	43	10	23.3	0	0.0
		36 To 60 ft	11	2	18.2	0	0.0
	1999	Freezer	4	1	25.0	0	0.0
		GT 60 ft	41	6	14.6	0	0.0
		36 To 60 ft	11	3	27.3	0	0.0
	2000	Freezer	4	0	0.0	0	0.0
		GT 60 ft	42	10	23.8	0	0.0
		36 To 60 ft	9	5	55.6	0	0.0
	2001	Freezer	4	0	0.0	0	0.0
		GT 60 ft	41	9	22.0	0	0.0
		36 To 60 ft	9	5	55.6	0	0.0
	2002	Freezer	4	0	0.0	0	0.0
		GT 60 ft	40	10	25.0	0	0.0
		36 To 60 ft	10	4	40.0	0	0.0
	2003	Freezer	4	0	0.0	0	0.0
		GT 60 ft	40	8	20.0	0	0.0
		36 To 60 ft	11	2	18.2	0	0.0
	2004	Freezer	4	1	25.0	0	0.0
		GT 60 ft	40	2	5.0	0	0.0
		36 To 60 ft	11	0	0.0	0	0.0
	2005	Freezer	4	0	0.0	0	0.0
		GT 60 ft	39	2	5.1	0	0.0

Table 4-2b continued. Transfer and Lease Rates by numbers of Halibut QS Holders, 1995-2006 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
4D		36 To 60 ft	11	2	18.2	0	0.0
Cont.	2006	Freezer	4	0	0.0	0	0.0
		GT 60 ft	39	0	0.0	0	0.0
		36 To 60 ft	11	0	0.0	0	0.0
	ALL	Freezer	53	7	13.2	0	0.0
	YEARS	GT 60 ft	510	75	14.7	0	0.0
		36 To 60 ft	135	29	21.5	0	0.0
4E	1995	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	1996	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	1997	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	1	14.3	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	1998	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	1999	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	2000	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	2001	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	2002	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	95	0	0.0	0	0.0
	2003	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	94	0	0.0	0	0.0
	2004	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	94	0	0.0	0	0.0
	2005	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	94	0	0.0	0	0.0
	2006	GT 60 ft	2	0	0.0	0	0.0
		36 To 60 ft	7	0	0.0	0	0.0
		LE 35 ft	94	0	0.0	0	0.0
	ALL	GT 60 ft	24	0	0.0	0	0.0
	YEARS	36 To 60 ft	84	1	1.2	0	0.0
		LE 35 ft	1,136	0	0.0	0	0.0

Note: These data may reflect multiple transactions by the same person but are provided as an overall rate for all QS holders.

4.3 Lessors, Lessees, Leases, and Lease Rates

Table 4-3 provides additional details on lease transactions during 1995–2006. The table provides information on the number of lessors, lessees and leases. Note that these numbers may vary for a particular type of QS because a person could lease QS to more than one person. Similarly, a person could lease QS from more than one person.

The table also provides data on the average QS per lease, the total amount of QS leased, and the QS lease rate as a percentage of the year-end QS. These data are provided by area, year, and vessel category.

An "All Years" summary row is also provided for each area and vessel category. The numbers in these rows are the sums of the numbers in the twelve years, or averages and rates, based on numbers summed over all twelve years.

The table shows that most of the formal lease transactions over the 1995–2006 period were for freezer vessel QS. In the six areas in which QS lease transactions occurred, QS lease rates among freezer vessels over the twelve-year period varied from 7.7% in Area 4B to 31.6% in Area 2C. The overall lease QS over this period tended to be highest in the freezer vessel category in 2C, 3A, 3B, 4A and 4D.

Table 4-3. Leases of QS by Area and Vessel Category, 1995–2006 By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
2C	1995	Freezer	1,233,704	30	6	6	6	166,656	27,776	13.5
		GT 60 ft.	2,900,705	125	1	1	1	3,604	3,604	0.1
		36-60 ft.	45,222,555	1,019	0	0	0	0	0	0.0
		LE 35 ft.	9,608,273	984	0	0	0	0	0	0.0
	1996	Freezer	1,243,061	29	7	7	7	219,174	31,311	17.6
		GT 60 ft.	2,791,577	102	0	0	0	0	0	0.0
		36-60 ft.	45,810,132	954	4	4	4	47,208	11,802	0.1
		LE 35 ft.	9,180,797	871	1	1	1	2,011	2,011	0.0
	1997	Freezer	1,249,141	29	9	9	8	295,907	32,879	23.7
		GT 60 ft.	2,709,684	91	0	0	0	0	0	0.0
		36-60 ft.	46,498,798	873	4	4	4	120,075	30,019	0.3
		LE 35 ft.	9,092,237	793	2	2	2	9,983	4,992	0.1
	1998	Freezer	1,249,141	29	10	10	9	379,527	37,953	30.4
		GT 60 ft.	2,702,528	83	0	0	0	0	0	0.0
		36-60 ft.	46,512,181	855	2	2	2	129,415	64,708	0.3
		LE 35 ft.	9,087,407	758	2	2	2	9,983	4,992	0.1
	1999	Freezer	1,249,141	29	11	11	9	434,665	39,515	34.8
		GT 60 ft.	2,678,909	81	0	0	0	0	0	0.0
		36-60 ft.	46,544,193	837	3	3	3	163,145	54,382	0.4
		LE 35 ft.	9,083,136	721	2	2	2	14,165	7,083	0.2
	2000	Freezer	1,249,141	28	12	9	15	482,680	53,631	38.6
		GT 60 ft.	2,678,909	79	0	0	0	0	0	0.0
		36-60 ft.	46,623,718	822	3	3	3	190,201	63,400	0.4
		LE 35 ft.	9,082,075	696	1	1	1	6,189	6,189	0.1
	2001	Freezer	1,249,141	28	14	10	17	672,157	67,216	53.8
		GT 60 ft.	2,666,906	76	0	0	0	0	0	0.0
		36-60 ft.	46,725,643	803	3	3	3	177,346	59,115	0.4
		LE 35 ft.	8,992,153	674	1	1	1	6,194	6,194	0.1

Table 4-3 continued. Leases of QS by Area and Vessel Category, 1995–2006
By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
2C Cont.	2002	Freezer	1,249,141	28	14	14	18	615,279	43,949	49.3
		GT 60 ft.	2,666,906	77	0	0	0	0	0	0.0
		36-60 ft.	46,725,643	791	4	4	4	222,541	55,635	0.5
		LE 35 ft.	8,983,863	665	1	1	1	6,195	6,195	0.1
	2003	Freezer	1,249,141	28	10	10	10	355,657	35,566	28.5
		GT 60 ft.	2,666,906	74	0	0	0	0	0	0.0
		36-60 ft.	46,657,330	783	2	2	2	144,240	72,120	0.3
		LE 35 ft.	8,983,214	640	1	1	1	9,808	9,808	0.1
	2004	Freezer	1,249,141	28	8	8	8	359,832	44,979	28.8
		GT 60 ft.	2,655,979	71	0	0	0	0	0	0.0
		36-60 ft.	46,668,257	759	1	1	1	125,631	125,631	0.3
		LE 35 ft.	8,983,214	610	2	2	2	94,503	47,252	1.1
	2005	Freezer	1,249,141	28	10	11	11	422,023	38,366	33.8
		GT 60 ft.	2,653,410	70	1	1	1	31,233	31,233	1.2
		36-60 ft.	46,666,634	755	4	4	4	197,904	49,476	0.4
		LE 35 ft.	8,982,854	587	3	3	3	106,733	35,578	1.2
	2006	Freezer	1,249,141	28	8	8	8	325,992	40,749	26.1
		GT 60 ft.	2,653,410	70	1	1	1	31,266	31,266	1.2
		36-60 ft.	46,670,959	747	4	4	4	222,266	55,567	0.5
		LE 35 ft.	8,978,529	569	2	2	2	124,982	62,491	1.4
	ALL YRS	Freezer	14,968,175	286	119	113	107	4,729,549	41,854	31.6
		GT 60 ft.	32,425,829	859	3	3	1	66,103	22,034	0.2
		36-60 ft.	557,326,043	8,496	34	34	26	1,739,972	51,176	0.3
		LE 35 ft.	109,037,752	7,412	18	18	13	390,746	21,708	0.4
3A	1995	Freezer	4,156,950	37	7	7	7	1,239,915	177,131	29.8
		GT 60 ft.	67,514,777	274	2	2	2	97,054	48,527	0.1
		36-60 ft.	97,630,610	1,349	3	3	3	64,824	21,608	0.1
		LE 35 ft.	13,381,573	1,163	0	0	0	0	0	0.0
	1996	Freezer	4,736,344	38	8	8	8	1,708,970	213,621	36.1
		GT 60 ft.	68,251,744	281	11	11	2	60,440	5,495	0.1
		36-60 ft.	98,459,927	1,248	6	6	5	122,855	20,476	0.1
		LE 35 ft.	12,863,030	1,062	0	0	0	0	0	0.0
	1997	Freezer	4,755,112	38	6	6	6	803,536	133,923	16.9
		GT 60 ft.	68,298,684	277	6	6	5	176,243	29,374	0.3
		36-60 ft.	98,862,582	1,151	7	7	7	371,987	53,141	0.4
		LE 35 ft.	12,824,277	972	1	1	1	13,536	13,536	0.1
	1998	Freezer	4,755,112	37	7	7	6	1,150,030	164,290	24.2
		GT 60 ft.	68,347,490	277	0	0	0	0	0	0.0
		36-60 ft.	98,745,121	1,111	5	5	5	307,147	61,429	0.3
		LE 35 ft.	12,875,753	923	2	2	2	56,334	28,167	0.4
	1999	Freezer	4,755,112	37	7	7	7	1,110,304	158,615	23.3
		GT 60 ft.	68,482,506	277	0	0	0	0	0	0.0
		36-60 ft.	98,803,343	1,083	4	4	3	261,148	65,287	0.3
		LE 35 ft.	12,765,867	874	2	2	2	56,334	28,167	0.4
	2000	Freezer	4,773,918	38	7	6	7	1,118,519	186,420	23.4
		GT 60 ft.	68,531,533	278	1	1	2	144,007	144,007	0.2
		36-60 ft.	98,834,545	1,051	4	4	5	240,194	60,049	0.2
		LE 35 ft.	12,762,590	843	1	1	2	42,801	42,801	0.3
	2001	Freezer	4,773,918	37	7	6	7	1,084,168	180,695	22.7
		GT 60 ft.	68,536,307	281	2	2	2	497,320	248,660	0.7
		36-60 ft.	98,821,205	1,031	3	3	4	964,036	321,345	1.0
		LE 35 ft.	12,742,045	812	1	1	1	9,055	9,055	0.1
	2002	Freezer	4,773,918	36	7	7	8	936,605	133,801	19.6
		GT 60 ft.	68,536,316	280	2	2	3	497,312	248,656	0.7
		36-60 ft.	98,821,205	1,007	3	3	5	1,028,135	342,712	1.0
		LE 35 ft.	12,742,045	812	2	2	2	47,472	23,736	0.4
	2003	Freezer	4,773,918	36	7	7	7	914,754	130,679	19.2
		GT 60 ft.	68,538,320	284	2	2	2	933,059	466,530	1.4
		36-60 ft.	98,878,687	987	4	4	5	1,019,731	254,933	1.0
		LE 35 ft.	12,740,041	789	1	1	1	39,152	39,152	0.3

Table 4-3 continued. Leases of QS by Area and Vessel Category, 1995–2006
By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
3A Cont.	2004	Freezer	4,773,918	35	6	6	6	970,965	161,828	20.3
		GT 60 ft.	68,519,881	280	2	3	3	1,220,968	406,989	1.8
		36-60 ft.	98,876,263	958	2	2	2	104,922	52,461	0.1
		LE 35 ft.	12,740,041	727	2	2	2	48,277	24,139	0.4
	2005	Freezer	4,773,918	36	5	4	5	821,443	205,361	17.2
		GT 60 ft.	68,519,881	279	2	2	2	1,126,395	563,198	1.6
		36-60 ft.	98,878,681	943	2	2	2	62,791	31,396	0.1
		LE 35 ft.	12,738,835	721	2	2	2	49,019	24,510	0.4
	2006	Freezer	4,773,918	36	5	5	5	803,702	160,740	16.8
		GT 60 ft.	68,559,245	282	1	1	1	375,138	375,138	0.5
		36-60 ft.	98,878,681	925	2	2	2	157,821	78,911	0.2
		LE 35 ft.	12,699,471	695	1	1	1	9,869	9,869	0.1
	ALL YRS	Freezer	56,576,056	441	79	76	79	12,662,911	166,617	22.4
		GT 60 ft.	820,636,684	3,350	31	32	24	5,127,936	160,248	0.6
		36-60 ft.	1,184,490,850	12,844	45	45	48	4,705,591	104,569	0.4
		LE 35 ft.	153,875,568	10,393	15	15	16	371,849	24,790	0.2
3B	1995	Freezer	1,525,163	20	5	5	5	491,569	98,314	32.2
		GT 60 ft.	29,676,351	195	0	0	0	0	0	0.0
		36-60 ft.	20,234,235	511	0	0	0	0	0	0.0
		LE 35 ft.	1,958,664	253	0	0	0	0	0	0.0
	1996	Freezer	1,587,671	18	5	6	6	738,392	123,065	46.5
		GT 60 ft.	29,930,873	182	8	8	1	6,541	818	0.0
		36-60 ft.	20,598,405	483	0	0	0	0	0	0.0
		LE 35 ft.	1,707,778	188	0	0	0	0	0	0.0
	1997	Freezer	1,593,155	18	5	5	5	340,434	68,087	21.4
		GT 60 ft.	29,952,504	178	2	2	2	43,579	21,790	0.1
		36-60 ft.	20,668,535	394	2	2	2	55,214	27,607	0.3
		LE 35 ft.	1,698,355	160	0	0	0	0	0	0.0
	1998	Freezer	1,593,155	18	5	5	5	340,434	68,087	21.4
		GT 60 ft.	29,944,248	175	0	0	0	0	0	0.0
		36-60 ft.	20,621,534	374	2	2	2	160,101	80,051	0.8
		LE 35 ft.	1,681,651	139	0	0	0	0	0	0.0
	1999	Freezer	1,593,155	19	3	3	3	241,097	80,366	15.1
		GT 60 ft.	29,979,847	180	0	0	0	0	0	0.0
		36-60 ft.	20,621,534	346	2	2	2	88,109	44,055	0.4
		LE 35 ft.	1,664,130	121	0	0	0	0	0	0.0
	2000	Freezer	1,593,155	19	6	6	6	613,767	80,366	38.5
		GT 60 ft.	29,980,804	176	0	0	0	0	0	0.0
		36-60 ft.	20,670,377	337	1	1	1	86,866	44,055	0.4
		LE 35 ft.	1,663,173	116	0	0	0	0	0	0.0
	2001	Freezer	1,593,155	18	5	5	5	462,340	92,468	29.0
		GT 60 ft.	29,983,124	176	0	0	0	0	0	0.0
		36-60 ft.	20,670,377	327	1	1	2	183,915	183,915	0.9
		LE 35 ft.	1,660,853	108	0	0	0	0	0	0.0
	2002	Freezer	1,593,155	18	3	3	3	202,582	67,527	12.7
		GT 60 ft.	29,983,124	178	0	0	0	0	0	0.0
		36-60 ft.	20,670,377	317	1	1	2	183,920	183,920	0.9
		LE 35 ft.	1,660,853	106	0	0	0	0	0	0.0
	2003	Freezer	1,593,155	17	4	4	5	240,084	60,021	15.1
		GT 60 ft.	29,983,709	180	1	1	1	55,041	55,041	0.2
		36-60 ft.	20,966,044	316	1	1	2	183,916	183,916	0.9
		LE 35 ft.	1,660,268	105	0	0	0	0	0	0.0
	2004	Freezer	1,593,155	17	3	3	3	304,347	101,449	19.1
		GT 60 ft.	30,042,866	179	1	1	1	88,776	88,776	0.3
		36-60 ft.	20,966,044	302	2	2	2	351,463	175,732	1.7
		LE 35 ft.	1,660,268	102	0	0	0	0	0	0.0
	2005	Freezer	1,593,155	17	3	3	3	187,986	62,662	11.8
		GT 60 ft.	30,042,866	177	1	1	1	88,775	88,775	0.3
		36-60 ft.	20,966,072	298	3	4	4	472,366	118,092	2.3
		LE 35 ft.	1,660,240	101	0	0	0	0	0	0.0

Table 4-3 continued. Leases of QS by Area and Vessel Category, 1995–2006
By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
3B	2006	Freezer	1,593,155	17	3	3	3	246,972	82,324	15.5
Cont.		GT 60 ft.	29,987,611	179	3	5	5	248,766	49,753	0.8
		36-60 ft.	20,966,072	290	5	7	7	532,312	76,045	2.5
		LE 35 ft.	1,656,338	93	0	0	0	0	0	0.0
	ALL YRS	Freezer	19,044,384	216	50	51	52	4,410,004	86,471	23.2
		GT 60 ft.	359,487,927	2,155	16	18	11	531,478	29,527	0.1
		36-60 ft.	248,619,606	4,295	20	23	26	2,298,182	99,921	0.9
		LE 35 ft.	20,332,571	1,592	0	0	0	0	0	0.0
4A	1995	Freezer	588,884	17	3	4	4	228,184	57,046	38.7
		GT 60 ft.	8,350,730	136	0	0	0	0	0	0.0
		36-60 ft.	4,243,601	135	0	0	0	0	0	0.0
		LE 35 ft.	1,093,697	200	0	0	0	0	0	0.0
	1996	Freezer	617,547	17	2	2	2	161,075	80,538	26.1
		GT 60 ft.	8,478,868	139	8	8	1	2,058	257	0.0
		36-60 ft.	4,267,424	126	0	0	0	0	0	0.0
		LE 35 ft.	1,058,061	168	0	0	0	0	0	0.0
	1997	Freezer	619,003	17	4	4	4	144,378	36,095	23.3
		GT 60 ft.	8,532,238	130	0	0	0	0	0	0.0
		36-60 ft.	4,280,423	107	0	0	0	0	0	0.0
		LE 35 ft.	1,071,301	151	0	0	0	0	0	0.0
	1998	Freezer	619,003	17	5	5	5	186,537	37,307	30.1
		GT 60 ft.	8,531,883	124	0	0	0	0	0	0.0
		36-60 ft.	4,287,490	100	0	0	0	0	0	0.0
		LE 35 ft.	1,064,633	138	0	0	0	0	0	0.0
	1999	Freezer	619,003	17	4	4	4	185,803	46,451	30.0
		GT 60 ft.	8,540,086	117	0	0	0	0	0	0.0
		36-60 ft.	4,287,490	98	0	0	0	0	0	0.0
		LE 35 ft.	1,057,417	124	0	0	0	0	0	0.0
	2000	Freezer	619,003	17	3	3	4	109,728	36,576	17.7
		GT 60 ft.	8,544,724	115	1	2	2	93,319	46,660	1.1
		36-60 ft.	4,287,490	96	0	0	0	0	0	0.0
		LE 35 ft.	1,052,779	112	0	0	0	0	0	0.0
	2001	Freezer	619,003	15	3	3	4	152,332	50,777	24.6
		GT 60 ft.	8,545,892	111	0	0	0	0	0	0.0
		36-60 ft.	4,287,490	90	0	0	0	0	0	0.0
		LE 35 ft.	1,051,611	103	0	0	0	0	0	0.0
	2002	Freezer	619,003	15	3	3	4	143,642	47,881	23.2
		GT 60 ft.	8,545,992	111	0	0	0	0	0	0.0
		36-60 ft.	4,287,490	92	0	0	0	0	0	0.0
		LE 35 ft.	1,051,511	99	0	0	0	0	0	0.0
	2003	Freezer	619,003	15	2	2	2	77,907	38,954	12.6
		GT 60 ft.	8,546,404	109	0	0	0	0	0	0.0
		36-60 ft.	4,370,593	92	0	0	0	0	0	0.0
		LE 35 ft.	1,051,099	95	0	0	0	0	0	0.0
	2004	Freezer	619,003	14	0	0	0	0	0	0.0
		GT 60 ft.	8,546,404	109	0	0	0	0	0	0.0
		36-60 ft.	4,370,593	90	0	0	0	0	0	0.0
		LE 35 ft.	1,051,099	95	14	15	15	720,174	48,012	68.5
	2005	Freezer	619,003	12	2	2	2	79,385	39,693	12.8
		GT 60 ft.	8,546,702	107	0	0	0	0	0	0.0
		36-60 ft.	4,370,615	91	0	0	0	0	0	0.0
		LE 35 ft.	1,050,779	94	1	1	1	26,829	26,829	2.6
	2006	Freezer	619,003	12	2	2	2	78,066	39,033	12.6
		GT 60 ft.	8,547,737	107	0	0	0	0	0	0.0
		36-60 ft.	4,370,615	91	0	0	0	0	0	0.0
		LE 35 ft.	1,049,744	89	0	0	0	0	0	0.0
	ALL YRS	Freezer	619,003	12	2	2	2	78,066	39,033	20.9
		GT 60 ft.	8,547,737	107	0	0	0	0	0	0.1
		36-60 ft.	4,370,615	91	0	0	0	0	0	0.0
		LE 35 ft.	1,049,744	89	0	0	0	0	0	5.9

Table 4-3 continued. Leases of QS by Area and Vessel Category, 1995–2006
By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4B	1995	Freezer	322,852	7	2	2	2	175,269	87,635	54.3
		GT 60 ft.	7,100,366	78	1	1	1	49,048	49,048	0.7
		36-60 ft.	1,333,447	34	0	0	0	0	0	0.0
		LE 35 ft.	265,599	27	0	0	0	0	0	0.0
	1996	Freezer	553,489	8	0	0	0	0	0	0.0
		GT 60 ft.	7,114,526	77	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	33	0	0	0	0	0	0.0
		LE 35 ft.	265,599	26	0	0	0	0	0	0.0
	1997	Freezer	553,489	7	0	0	0	0	0	0.0
		GT 60 ft.	7,114,526	72	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	29	0	0	0	0	0	0.0
		LE 35 ft.	268,996	26	0	0	0	0	0	0.0
	1998	Freezer	553,489	7	0	0	0	0	0	0.0
		GT 60 ft.	7,114,526	70	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	28	0	0	0	0	0	0.0
		LE 35 ft.	268,996	25	0	0	0	0	0	0.0
	1999	Freezer	553,489	7	0	0	0	0	0	0.0
		GT 60 ft.	7,114,526	69	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	29	0	0	0	0	0	0.0
		LE 35 ft.	268,996	20	0	0	0	0	0	0.0
	2000	Freezer	553,489	7	1	2	2	93,319	46,660	16.9
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	28	0	0	0	0	0	0.0
		LE 35 ft.	268,996	19	0	0	0	0	0	0.0
	2001	Freezer	553,489	7	1	1	1	47,534	47,534	8.6
		GT 60 ft.	7,114,526	71	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	31	0	0	0	0	0	0.0
		LE 35 ft.	268,996	17	0	0	0	0	0	0.0
	2002	Freezer	553,489	7	1	1	1	46,930	46,930	8.5
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	31	0	0	0	0	0	0.0
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0
	2003	Freezer	553,489	7	1	1	1	46,401	46,401	8.4
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0
	2004	Freezer	553,489	7	0	0	0	0	0	0.0
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0
	2005	Freezer	553,489	7	1	1	1	43,410	43,410	7.8
		GT 60 ft.	7,114,526	66	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0
	2006	Freezer	553,489	7	1	1	1	47,536	47,536	8.6
		GT 60 ft.	7,114,526	67	0	0	0	0	0	0.0
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0
	ALL YRS	Freezer	6,476,745	85	8	9	9	500,399	55,600	7.7
		GT 60 ft.	86,777,509	842	1	1	1	49,048	49,048	0.1
		36-60 ft.	19,098,567	371	0	0	0	0	0	0.0
		LE 35 ft.	4,016,795	240	0	0	0	0	0	0.0
4C	1995	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,767,422	29	0	0	0	0	0	0.0
		36-60 ft.	1,007,084	20	0	0	0	0	0	0.0
		LE 35 ft.	1,175,804	31	0	0	0	0	0	0.0
	1996	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	28	0	0	0	0	0	0.0
		36-60 ft.	820,661	19	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0

Table 4-3 continued. Leases of QS by Area and Vessel Category, 1995–2006
By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4C Cont.	1997	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	28	0	0	0	0	0	0.0
		36-60 ft.	820,661	18	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0
	1998	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	26	0	0	0	0	0	0.0
		36-60 ft.	820,661	17	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	1999	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	26	0	0	0	0	0	0.0
		36-60 ft.	820,661	17	1	1	1	174,832	174,832	21.3
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	2000	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	25	0	0	0	0	0	0.0
		36-60 ft.	820,661	16	1	1	1	174,831	174,831	21.3
		LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0
	2001	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	24	0	0	0	0	0	0.0
		36-60 ft.	820,661	12	1	1	1	174,831	174,831	21.3
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	2002	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0
		36-60 ft.	820,661	12	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	2003	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0
		36-60 ft.	867,827	14	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	2004	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0
		36-60 ft.	867,827	14	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	2005	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0
		36-60 ft.	867,827	14	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0
	2006	Freezer	18,876	1	0	0	0	0	0	0.0
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0
		36-60 ft.	867,827	14	0	0	0	0	0	0.0
		LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0
	ALL YRS	Freezer	226,512	12	0	0	0	0	0	0.0
		GT 60 ft.	19,594,099	301	0	0	0	0	0	0.0
		36-60 ft.	10,223,019	187	3	3	3	524,494	174,831	5.1
		LE 35 ft.	17,775,266	387	0	0	0	0	0	0.0
4D	1995	Freezer	355,318	5	0	0	0	0	0	0.0
		GT 60 ft.	3,975,433	49	0	0	0	0	0	0.0
		36-60 ft.	355,245	14	0	0	0	0	0	0.0
	1996	Freezer	413,936	6	0	0	0	0	0	0.0
		GT 60 ft.	4,021,310	49	0	0	0	0	0	0.0
		36-60 ft.	355,245	14	0	0	0	0	0	0.0
	1997	Freezer	413,936	5	3	4	4	390,361	97,590	94.3
		GT 60 ft.	4,021,310	47	0	0	0	0	0	0.0
	1998	Freezer	413,936	5	3	3	1	268,572	89,524	64.9
		GT 60 ft.	4,021,310	43	0	0	0	0	0	0.0
		36-60 ft.	311,072	11	0	0	0	0	0	0.0
	1999	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	41	0	0	0	0	0	0.0
		36-60 ft.	311,072	11	0	0	0	0	0	0.0
	2000	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	42	0	0	0	0	0	0.0
		36-60 ft.	355,245	9	0	0	0	0	0	0.0

Table 4-3 continued. Leases of QS by Area and Vessel Category, 1995–2006
By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4D Cont.	2001	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	41	0	0	0	0	0	0.0
		36-60 ft.	355,245	9	0	0	0	0	0	0.0
	2002	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	40	0	0	0	0	0	0.0
		36-60 ft.	355,245	10	0	0	0	0	0	0.0
	2003	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	40	0	0	0	0	0	0.0
		36-60 ft.	444,219	11	0	0	0	0	0	0.0
	2004	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	40	0	0	0	0	0	0.0
		36-60 ft.	444,219	11	0	0	0	0	0	0.0
	2005	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	39	0	0	0	0	0	0.0
		36-60 ft.	444,219	11	0	0	0	0	0	0.0
	2006	Freezer	413,936	4	0	0	0	0	0	0.0
		GT 60 ft.	4,100,095	39	0	0	0	0	0	0.0
		36-60 ft.	444,219	11	0	0	0	0	0	0.0
	ALL YRS	Freezer	4,908,614	53	6	7	5	658,933	94,133	13.4
		GT 60 ft.	48,840,123	510	0	0	0	0	0	0.0
		36-60 ft.	4,530,490	135	0	0	0	0	0	0.0
4E	1995	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	1996	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	1997	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	1998	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
.		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	1999	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	2000	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	2001	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	2002	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0
	2003	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0
	2004	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0
	2005	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0
	2006	GT 60 ft.	11,176	2	0	0	0	0	0	0.0
		36-60 ft.	37,032	7	0	0	0	0	0	0.0
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0
	ALL YRS	GT 60 ft.	134,112	24	0	0	0	0	0	0.0
		36-60 ft.	444,384	84	0	0	0	0	0	0.0
		LE 35 ft.	1,101,492	1,136	0	0	0	0	0	0.0

4.4 Halibut QS Lease Prices

This section provides information on QS lease prices. Table 4-4 provides summary data on the total number of formal lease transactions over the 1995 through 2006 time period and the number and percentage of these transactions for which applicants provided lease prices. The table indicates that there were 481 halibut QS lease transactions during the 1995- 2006 time period; of these, lease prices could be calculated from only 79 (16.4%) of the transactions.[40]

Since a QS lease within a year can be translated into a specific amount of IFQ for that year, the pounds of IFQ associated with the lease are reported in the table.

Table 4-5 provides information on priced halibut lease transactions only. In addition to price data the table provides information on the number of priced lease transactions, the amount of QS involved in the lease, the average QS per lease, the amount of IFQ associated with the lease, and the average IFQ per lease by area and vessel category.

Where sufficient observations are available to preserve confidentiality, average lease prices are reported. Prices are reported in dollars per leased QS unit and in dollars per pound of IFQ leased. Prices per pound of IFQ leased are comparable across areas within a year.

As can be seen, there are not enough priced observations in most categories to report an average price. Since there are so few priced lease transactions, the reader should view the data presented with caution.

The only reportable average lease prices are for freezer vessel QS in areas 2C and 3A. In 1995, the average lease price for freezer (harvester-processor) QS in area 3A in terms of dollars per pound of IFQ and per QS unit were lower than in 2C.

Prices over "all" areas are reported in the last rows of the table for each year from 1995 through 1998. Again, prices can only be reported for the freezer vessel category. Average prices for the lease of freezer vessel QS increased from $.84 per pound of IFQ in 1995 to $.99 per pound of IFQ in 1996. Freezer vessel QS lease prices then decreased to $.67 per pound of halibut IFQ in 1997 and to $.36 per pound of IFQ in 1998 but was at 1.58 in 2005.

[40] NMFS-RAM personnel have suggested that almost all lease transactions have monetary considerations. However, in many cases the lease contract is a "share" contract or percentage contract. In such cases, persons coding the transfer document have no way to calculate the exact amount of the lease or the rental price per pound of IFQ. Thus in the computer file the fields are left blank or "unpriced" even though the lessor will receive compensation.

Table 4-4. Priced and Unpriced Halibut QS Leases By Area and Vessel Category, 1995–2006

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
2C	1995	Freezer	6	5	83.3	25,060	25,041	99.9
		GT 60 ft	1	0	0.0	542	0	0.0
	1996	Freezer	7	2	28.6	32,790	10,528	32.1
		36-60 ft	4	1	25.0	7,212	2,000	27.7
		LE 35 ft	1	0	0.0	332	0	0.0
	1997	Freezer	9	3	33.3	51,561	14,424	28.0
		36-60 ft	4	1	25.0	18,852	1,520	8.1
		LE 35 ft	2	0	0.0	1,848	0	0.0
	1998	Freezer	10	4	40.0	68,280	38,190	55.9
		36-60 ft	2	1	50.0	23,824	16,720	70.2
		LE 35 ft	2	1	50.0	1,772	1,421	80.2
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	15	0	0.0	68,080	0	0.0
		36-60 ft	3	1	33.3	26,827	16,873	62.9
		LE 35 ft	1	0	0.0	873	0	0.0
	2001	Freezer	17	0	0.0	98,963	0	0.0
		36-60 ft	3	0	0.0	26,111	0	0.0
		LE 35 ft	1	0	0.0	912	0	0.0
	2002	Freezer	18	0	0.0	87,699	0	0.0
		36-60 ft	4	0	0.0	31,720	0	0.0
		LE 35 ft	1	0	0.0	883	0	0.0
	2003	Freezer	10	0	0.0	50,693	0	0.0
		36-60 ft	2	0	0.0	20,559	0	0.0
		LE 35 ft	1	0	0.0	1,398	0	0.0
	2004	Freezer	8	0	0.0	63,439	0	0.0
		36-60 ft	1	0	0.0	22,149	0	0.0
		LE 35 ft	2	0	0.0	16,661	0	0.0
	2005	Freezer	11	1	9.1	77,451	10,564	13.6
		GT 60 ft	1	1	100.0	5,732	5,732	100.0
		36-60 ft	4	2	50.0	36,320	23,781	65.5
		LE 35 ft	3	1	33.3	19,588	2,245	11.5
	2006	Freezer	8	0	0.0	58,189	0	0.0
		GT 60 ft	1	0	0.0	5,581	0	0.0
		36-60 ft	4	0	0.0	39,674	0	0.0
		LE 35 ft	2	0	0.0	22,309	0	0.0
3A	1995	Freezer	7	4	57.1	133,452	121,555	91.1
		GT 60 ft	2	0	0.0	10,446	0	0.0
		36-60 ft	3	1	33.3	6,977	2,260	32.4
	1996	Freezer	8	3	37.5	182,276	70,461	38.7
		GT 60 ft	11	0	0.0	7,146	0	0.0
		36-60 ft	6	2	33.3	8,968	2,705	30.2
	1997	Freezer	6	1	16.7	112,439	65,906	58.6
		GT 60 ft	6	0	0.0	20,607	0	0.0
		36-60 ft	7	0	0.0	50,755	0	0.0
		LE 35 ft	1	1	100.0	1,987	1,987	100.0
	1998	Freezer	7	3	42.9	130,599	81,532	62.4
		36-60 ft	5	2	40.0	43,726	21,966	50.2
		LE 35 ft	2	1	50.0	8,728	2,102	24.1
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	7	1	14.3	110,751	15,000	13.5
		GT 60 ft	2	0	0.0	14,259	0	0.0
		36-60 ft	5	3	60.0	23,783	13,421	56.4
		LE 35 ft	2	0	0.0	4,238	0	0.0
	2001	Freezer	7	1	14.3	128,351	56,139	43.7
		GT 60 ft	2	0	0.0	58,876	0	0.0
		36-60 ft	4	0	0.0	114,129	0	0.0
		LE 35 ft	1	0	0.0	1,072	0	0.0
	2002	Freezer	8	2	25.0	114,648	65,126	56.8
		GT 60 ft	3	2	66.7	60,875	17,628	29.0
		36-60 ft	5	0	0.0	125,852	0	0.0
		LE 35 ft	2	0	0.0	5,811	0	0.0

Table 4-4 continued. Priced and Unpriced Halibut QS Leases By Area and Vessel Category, 1995-2006

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
3A Cont.	2003	Freezer	7	1	14.3	111,939	58,028	51.8
		GT 60 ft	2	0	0.0	114,179	0	0.0
		36-60 ft	5	0	0.0	124,785	0	0.0
		LE 35 ft	1	0	0.0	4,791	0	0.0
	2004	Freezer	6	1	16.7	131,576	64,259	48.8
		GT 60 ft	3	0	0.0	165,454	0	0.0
		36-60 ft	2	0	0.0	14,218	0	0.0
		LE 35 ft	2	0	0.0	6,542	0	0.0
	2005	Freezer	5	1	20.0	113,148	5,372	4.7
		GT 60 ft	2	0	0.0	155,153	0	0.0
		36-60 ft	2	0	0.0	8,649	0	0.0
		LE 35 ft	2	0	0.0	6,752	0	0.0
	2006	Freezer	5	2	40.0	109,529	69,940	63.9
		GT 60 ft	1	0	0.0	51,124	0	0.0
		36-60 ft	2	0	0.0	21,508	0	0.0
		LE 35 ft	1	0	0.0	1,345	0	0.0
3B	1995	Freezer	5	3	60.0	33,412	13,373	40.0
	1996	Freezer	6	3	50.0	48,805	5,375	11.0
		GT 60 ft	8	0	0	489	0	0.0
	1997	Freezer	5	1	20.0	56,108	19,058	34.0
		GT 60 ft	2	0	0	7,345	0	0.0
		36-60 ft	2	0	0	8,381	0	0.0
	1998	Freezer	5	2	40.0	67,754	52,070	76.9
		36-60 ft	2	0	0	33,968	0	0.0
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	6	1	16.7	171,123	15,645	9.1
		GT 60 ft	0	0	0.0	0	0	0.0
		36-60 ft	1	0	0.0	24,219	0	0.0
	2001	Freezer	5	0	0.0	141,770	0	0.0
		GT 60 ft	0	0	0.0	0	0	0.0
		36-60 ft	2	0	0.0	56,395	0	0.0
	2002	Freezer	3	1	33.3	64,373	6,095	9.5
		GT 60 ft	0	0	0.0	0	0	0.0
		36-60 ft	2	0	0.0	58,443	0	0.0
	2003	Freezer	5	0	0.0	75,875	0	0.0
		GT 60 ft	1	0	0.0	17,395	0	0.0
		36-60 ft	2	0	0.0	58,124	0	0.0
	2004	Freezer	3	0	0.0	87,592	0	0.0
		GT 60 ft	1	0	0.0	25,550	0	0.0
		36-60 ft	2	0	0.0	101,152	0	0.0
	2005	Freezer	3	1	33.3	45,557	27,665	60.7
		GT 60 ft	1	0	0.0	21,514	0	0.0
		36-60 ft	4	0	0.0	114,474	0	0.0
	2006	Freezer	3	1	33.3	49,429	22,848	46.2
		GT 60 ft	5	0	0.0	49,788	0	0.0
		36-60 ft	7	0	0.0	106,537	0	0.0
4A	1995	Freezer	4	2	50.0	29,940	14,443	48.2
	1996	Freezer	2	0	0.0	20,029	0	0.0
		GT 60 ft	8	0	0.0	298	0	0.0
	1997	Freezer	4	1	25.0	29,892	11,101	37.1
	1998	Freezer	5	2	40.0	46,423	27,641	59.5
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	4	0	0.0	37,600	0	0.0
	2001	Freezer	4	1	0.0	52,199	17,627	0.0
	2002	Freezer	4	1	25.0	49,221	17,627	35.8
	2003	Freezer	2	0	0.0	26,544	0	0.0
	2004	Freezer	2	0	0.0	19,161	0	0.0
		36-60 ft	1	0	0.0	24,179	0	0.0
	2005	Freezer	2	1	50.0	18,721	6,590	35.2
		LE 35 ft	1	0	0.0	6,327	0	0.0
	2006	Freezer	2	2	100.0	17,928	17,928	100.0

Table 4-4 continued. Priced and Unpriced Halibut QS Leases By Area and Vessel Category, 1995-2006

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
4B	1995	Freezer	2	1	50.0	35,066	28,178	80.4
		GT 60 ft	1	0	0.0	9,813	0	0.0
	1999	Freezer	NA	NA	0.0	NA	NA	NA
	2000	Freezer	2	0	0.0	39,480	0	0.0
	2001	Freezer	1	0	0.0	20,110	0	0.0
	2002	Freezer	1	0	0.0	16,902	0	0.0
	2003	Freezer	1	0	0.0	16,712	0	0.0
	2005	Freezer	1	0	0.0	8,453	0	0.0
	2006	Freezer	1	0	0.0	6,840	0	0.0
4C	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	36-60 ft	1	0	0.0	44,708	0	0.0
	2001	36-60 ft	1	0	0.0	44,708	0	0.0
4D	1997	Freezer	4	1	25.0	67,363	27,952	41.5
	1998	Freezer	3	3	100.0	65,196	65,196	100.0
	1999	Freezer	NA	NA	NA	NA	NA	NA

a) NA indicates data not available
Note: Table includes only years with data.

Table 4-5 Average Prices For Halibut QS Priced Leases By Area and Vessel Category, 1995-2006

Area	Year	Vessel Category	Average Lease $/IFQ	Average Lease $/QS	IFQ In Priced Leases	Average IFQ Per Lease	QS in Priced Leases	Average QS Per Lease	Number of Leases
2C	1995	Freezer	1.04	0.16	25,041	5,008	166,530	33,306	5
	1996	Freezer	C	C	10,528	5,264	67,198	33,599	2
		36-60 ft	C	C	2,000	2,000	13,330	13,330	1
	1997	Freezer	C	C	14,424	4,808	81,002	27,001	3
		36-60 ft	C	C	1,520	1,520	8,988	8,988	1
	1998	Freezer	0.60	0.11	38,190	9,548	210,983	52,746	4
		36-60 ft	C	C	16,720	16,720	92,572	92,572	1
		LE 35 ft	C	C	1,421	1,421	7,972	7,972	1
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2005	Freezer	C	C	10,564	10,564	57,562	57,562	1
		36-60 ft	C	C	5,732	5,732	31,233	31,233	1
		LE 35 ft	C	C	23,781	11,891	129,580	64,790	2
3A	1995	Freezer	0.80	0.09	121,555	30,389	1,129,379	282,345	4
		36-60 ft	C	C	2,260	2,260	20,998	20,998	1
	1996	Freezer	C	C	70,461	23,487	658,635	219,545	3
		36-60 ft	C	C	2,705	1,353	66,331	33,166	2
	1997	Freezer	C	C	65,906	65,906	474,202	474,202	1
		LE 35 ft	C	C	1,987	1,987	13,536	13,536	1
	1998	Freezer	C	C	81,532	27,177	559,377	186,459	3
		36-60 ft	C	C	21,966	10,983	151,763	75,882	2
		LE 35 ft	C	C	2,102	2,102	13,536	13,536	1
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2000	Freezer	C	C	15,000	15,000	151,491	151,491	1
		LE 35 ft	C	C	6,069	3,035	61,293	30,647	2
	2002	Freezer	C	C	7,080	7,080	57,839	57,839	1
	2005	Freezer	C	C	5,372	5,372	39,000	39,000	1
3B	1995	Freezer	C	C	13,373	4,458	196,748	65,583	3
	1996	Freezer	C	C	5,375	1,792	75,295	25,098	3
	1997	Freezer	C	C	19,058	19,058	114,159	114,159	1
	1998	Freezer	C	C	52,070	26,035	262,375	131,188	2
	2002	Freezer	C	C	6,095	6,095	19,181	19,181	1

Table 4-5 Average Prices For Halibut QS Priced Leases By Area and Vessel Category, 1995-2006

Area	Year	Vessel Category	Average Lease $/IFQ	Average Lease $/QS	IFQ In Priced Leases	Average IFQ Per Lease	QS in Priced Leases	Average QS Per Lease	Number of Leases
3B Cont.	2005	Freezer	C	C	27,665	27,665	114,157	114,157	1
4A	1995	Freezer	C	C	14,443	7,222	110,076	55,038	2
	1997	Freezer	C	C	11,101	11,101	51,441	51,441	1
	1998	Freezer	C	C	27,641	13,821	114,539	57,270	2
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2005	Freezer	C	C	6,590	6,590	27,944	27,944	1
4B	1995	Freezer	C	C	28,178	28,178	140,841	140,841	1
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
4D	1997	Freezer	C	C	27,952	27,952	154,426	154,426	1
	1998	Freezer	C	C	65,196	21,732	268,572	89,524	3
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
All Areas	1995	Freezer	0.84	0.10	202,590	13,506	1,743,574	116,238	15
		36-60 ft	C	C	2,260	2,260	20,998	20,998	1
	1996	Freezer	0.99	0.11	86,364	10,796	801,128	100,141	8
		36-60 ft	C	C	4,705	1,568	79,661	26,554	3
	1997	Freezer	0.67	0.11	138,441	19,777	875,230	125,033	7
		36-60 ft	C	C	1,520	1,520	8,988	8,988	1
		LE 35 ft	C	C	1,987	1,987	13,536	13,536	1
	1998	Freezer	0.36	0.07	264,629	18,902	1,415,846	101,132	14
		36-60 ft	C	C	38,686	12,895	244,335	81,445	3
		LE 35 ft	C	C	3,523	1,762	21,508	10,754	2
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2000	Freezer	C	C	15,000	15,000	151,491	151,491	1
		36-60 ft	C	C	6,069	3,035	61,293	30,647	2
		LE 35 ft	C	C	6,069	3,035	61,293	30,647	2
	2002	Freezer	C	C	13,175	13,175	77,020	38,510	2
		36-60 ft	C	C	5,732	5,732	31,233	31,233	1
	2005	Freezer	1.6	0.32	50,191	50,191	238,663	59,666	4
		36-60 ft	C	C	5,732	5,732	31,233	31,233	1
		LE 35 ft	C	C	23,781	11,891	129,580	64,790	2

a) C indicates confidential data
b) NA indicates data not available
Note: Table includes only years with appropriate type of transfers.

5 Halibut: Types of Transfers, Financing of Transfers, Relationships between Transferors and Transfer Recipients, and Use of Brokers

This chapter uses information collected during QS transfers to classify transactions by type of transaction. Transfers were classified as "priced sales," "gifts," "other sales," "trades," and "unknown." This chapter also examines the extent to which different financing sources were used in priced sales transfers, the relationships between parties to transfers, and the extent to which brokers are involved in transfers. All permanent transfers or leases of QS must be reviewed and approved by NMFS-RAM. Persons involved in the transfer or lease of QS are required to complete and submit a transfer application to NMFS-RAM. Part of this application is to be filled out by the transferor, and part of it is to be filled out by the transfer recipient. In some cases, brokers who are the marketers for the transactions help to complete these forms. The transfer application form asks some basic questions to help NMFS monitor changes under the IFQ program although some questions changed overtime. Appendix II provides copies of the transfer applications used from 1995, 1998 and 2006. Data from the transfer application files are sources for the analyses in this chapter.[41]
Due to a significant database change, 1999 data are not available in the following tables.

5.1 Sales, Gifts, Trades, and Other Transfers

In the early program years, the transfer application form does not specifically ask if a QS transfer is a sale, gift, or trade. Without this information, the authors had to use other available information and some decision criteria to decide how transactions should be classified. For example, on the transfer application persons often indicated whether or not a transfer was a gift when they answered one of the open-ended questions such as, "*What is your reason for transferring the QS and/or the IFQ...?*" and "*If this is a purchase of QS or IFQ, how are you financing the purchase...?*" Respondents would often answer these questions by writing in "gift," "gift transfer," "gift to son," or a similar answer.
The transfer transactions were divided into one of five categories:

Priced sales	A price for the QS transferred was listed on the transfer application form.
Other sales	Some monetary exchange occurred but during a transfer NMFS-RAM could not calculate a price for the QS, based on application data.
Trades	Something was traded for the QS during a transfer.
Gifts	A QS transfer is noted as a gift with no evidence of a reciprocal exchange.
Unknown	Insufficient or no information was provided or to classify a transaction.

[41] There has been some changes in the survey from one year to another. These are discussed in this chapter where they may be significant.

In 1997 NMFS-RAM revised their transfer application forms to provide more detail on gift and trade transactions. Because of these changes in 1997, the percentage of observations assigned to the "unknown transaction type" category was smaller, and the percentage assigned to "gifts" and "trades" was higher. Because of these refinements, the data series are not highly comparable between 1995–96 and 1997 - 2006. Although other application question changes were made over time they did not separately affect classification of transfers in these groups throughout these changes. The number of observations assigned to the "priced" category was not affected and this series should be comparable across the entire 1995-2006 period.

Table 5-1a provides data on the amount of QS transferred in permanent transactions from 1995 through 2006 by management area and the type of exchange. The first columns show the total amount of QS transferred in priced sales and the percent of all QS transferred that was transferred in priced sales.[41]

Permanent transfers occurred in all areas during the twelve-year period including Area 4E, where 100% of the TAC has been devoted to CDQs. The only transfers of Area 4E QS occurred in 1997 and 2003.

"Priced sales" was the most important category of permanent transfers. In seven of the eight management areas priced sales accounted for most of the QS transferred during the twelve year period. In four of these areas priced sales accounted for over two-thirds of the transfers, and in three of them, priced sales accounted for almost three-quarters of the QS transferred.

The total percentages of QS transferred through sales are higher than indicated by the table for priced sales, since the "other sales" category and probably some of the "unknown" transfers were also sales transactions.

The remaining columns show the amount and the percentage of each area's QS transferred in "other sales," "trades," "gifts," and "unknown" transaction types. As noted earlier, because of changes in the available data it is difficult to interpret the changes in the percentage of "gifts," "trades," and "unknown".

In 1997 to 2006, the percentage of QS transferred in "other sales" ranged from zero in a number of area-year combinations to 6.3% in Area 4D. The percentage of QS transferred in "trades" ranged from zero in several area-year combinations to 5.6% average in Area 4C. The percentage of QS transferred as "gifts" ranged from zero in some area-year combinations to 19.9% average in Area 2C. The percentage of QS transferred in "unknown" transaction types ranged from zero in three area-year combinations up to average of 15.5% in Area 3B. "the 100% unknown" 4D and 4E transfers were based on small number of transactions.[42]

[41] These tables reflect QS transferred one or more times. Therefore the apparent percentage of the entire QS "pool" (total units issued) transferred over time is higher then the actual percentage of unique QS units transferred either annually or over time.
[42] Assignments to different transaction types is complicated by changes in the transfer form between years (as well as by the changes in the data available on the NMFS-RAM computerized data set as described in the text).

Table 5-1b provides information on the number and percentage of halibut transfer transactions (as opposed to QS transferred) that were classified as priced sales, other sales, trades, gifts, or unknown. Transfer transactions are distributed roughly in the same fashion as QS transferred. However, differences exist because the amount of QS transferred can vary widely across transactions.

Table 5-1a. Halibut QS Transfer Activity (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
2C	1995	7,773,214	74.1	198,919	1.9	176,045	1.7	1,514,896	14.4	825,463	7.9	10,488,537
	1996	7,007,947	78.1	0	0.0	171,487	1.9	153,450	1.7	1,637,437	18.3	8,970,321
	1997	4,511,763	75.8	69,947	1.2	268,031	4.5	741,390	12.5	361,133	6.1	5,952,264
	1998	2,399,645	66.6	1,135	0.0	235,804	6.5	360,068	10.0	605,639	16.8	3,602,291
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	4,371,797	69.5	239,670	3.8	161,979	2.6	1,399,906	22.2	119,877	1.9	6,293,229
	2001	3,702,536	73.9	34,288	0.7	72,504	1.4	1,148,524	22.9	53,876	1.1	5,011,728
	2002	3,467,218	71.6	41,795	0.9	96,736	2.0	1,201,290	24.8	33,795	0.7	4,840,834
	2003	3,072,067	63.2	21,179	0.4	176,985	3.6	1,498,573	30.8	89,923	1.9	4,858,727
	2004	2,787,709	64.9	0	0.0	43,457	1.0	1,463,102	34.1	0	0.0	4,294,268
	2005	2,763,448	58.0	17,515	0.4	351,250	7.4	1,635,674	34.3	0	0.0	4,767,887
	2006	2,183,966	58.7	166,925	4.5	19,631	0.5	1,347,039	36.2	3,012	0.1	3,720,573
	All Yrs	44,030,712	70.1	791,373	1.3	1,773,909	2.8	12,463,912	19.9	3,730,155	5.9	29,013,413
3A	1995	18,999,547	66.5	2,230,433	7.8	290,277	1.0	2,769,852	9.7	4,267,380	14.9	28,557,489
	1996	22,181,623	83.3	37,440	0.1	785,973	3.0	143,582	0.5	3,478,173	13.1	26,626,791
	1997	14,230,476	76.7	179,057	1.0	867,882	4.7	2,024,219	10.9	1,259,164	6.8	18,560,798
	1998	7,253,924	63.8	109,517	1.0	141,998	1.2	1,199,753	10.5	2,669,792	23.5	11,374,984
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	10,228,876	72.5	129,574	0.9	178,628	1.3	3,159,628	22.4	407,631	2.9	14,104,337
	2001	9,475,925	73.9	589,354	4.6	341,855	2.7	1,609,849	12.6	807,513	6.3	12,824,496
	2002	9,769,330	75.2	98,476	0.8	0	0.0	2,612,889	20.1	509,594	3.9	12,990,289
	2003	7,321,094	67.9	79,732	0.7	232,393	2.2	3,142,459	29.2	0	0.0	10,775,678
	2004	8,235,177	77.4	0	0.0	119,911	1.1	2,259,543	21.2	23,351	0.2	10,637,982
	2005	4,387,887	57.5	23,603	0.3	584,557	7.7	2,507,910	32.9	127,375	1.7	7,631,332
	2006	7,305,956	81.6	0	0.0	31,072	0.3	1,489,408	16.6	122,442	1.4	8,948,878
	All Yrs	119,389,815	73.0	3,477,186	2.1	3,574,546	2.2	22,919,092	14.1	13,672,415	8.4	163,033,054
3B	1995	4,229,422	57.7	904,372	12.3	388,135	5.3	615,027	8.4	1,195,184	16.3	7,332,140
	1996	6,146,138	81.1	0	0.0	89,174	1.2	28,609	0.4	1,312,225	17.3	7,576,146
	1997	5,158,985	71.8	175,493	2.4	525,449	7.3	649,452	9.0	675,005	9.4	7,184,384
	1998	1,540,637	50.1	135,300	4.4	207,859	6.8	462,797	15.0	730,768	23.7	3,077,361
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,746,740	69.7	194,499	4.9	143,455	3.6	834,490	21.2	20,130	0.5	3,939,314
	2001	2,959,121	68.9	0	0.0	106,247	2.5	775,475	18.0	456,712	10.6	4,297,555
	2002	2,870,330	74.1	197,687	5.1	53,767	1.4	732,510	18.9	16,937	0.4	3,871,231
	2003	3,446,269	68.3	72,162	1.4	163,157	3.2	1,361,051	27.0	0	0.0	5,042,639
	2004	2,184,348	68.6	60,950	1.9	0	0.0	934,073	29.4	2,638	0.1	3,182,009
	2005	2,846,210	67.8	71,788	1.7	156,081	3.7	1,082,625	25.8	40,528	1.0	4,197,232
	2006	2,645,488	72.2	215,788	5.9	3,955	0.1	799,343	21.8	0	0.0	3,664,574
	All Yrs	36,773,688	68.9	2,028,039	3.8	1,837,279	4.8	8,275,452	15.5	4,450,127	15.5	53,364,585
4A	1995	1,070,055	60.9	201,211	11.5	0	0.0	119,121	6.8	366,648	20.9	105,330
	1996	1,577,259	76.2	208,196	10.1	116	0.0	0	0.0	284,322	13.7	614,446
	1997	2,316,688	67.3	62,852	1.8	349,486	10.1	389,061	11.3	326,065	9.5	380,063
	1998	644,600	71.2	0	0.0	5,138	0.6	159,045	17.6	97,060	10.7	213,635
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,380,593	83.1	63,837	2.2	0	0.0	401,986	14.0	19,156	0.7	2,865,572
	2001	1,129,983	70.0	22,496	1.4	48,299	3.0	372,849	23.1	39,849	2.5	1,613,476

Table 5-1a continued. Halibut QS Transfer Activity (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
4A Cont.	2002	1,108,465	62.1	0	0.0	87,549	4.9	589,410	33.0	0	0.0	1,785,424
	2003	1,344,962	89.8	0	0.0	2,432	0.2	150,020	10.0	0	0.0	1,497,414
	2004	1,804,250	82.5	0	0.0	0	0.0	383,734	17.5	0	0.0	2,187,984
	2005	505,544	46.7	71,788	0.0	0	0.0	505,544	46.7	674	0.0	1,083,550
	2006	1,635,045	87.1	0	0.0	0	0.0	242,930	12.9	0	0.0	1,877,975
	All Yrs	14,447,389	74.7	429,169	2.2	493,020	2.6	3,194,579	16.5	767,126	4.0	19,331,283
4B	1995	173,523	42.4	113,315	27.7	28,764	7.0	0	0.0	93,396	22.8	408,998
	1996	260,336	60.2	0	0.0	0	0.0	0	0.0	172,108	39.8	432,444
	1997	1,333,289	74.1	0	0.0	0	0.0	417,052	23.2	49,203	2.7	1,799,544
	1998	344,836	59.5	0	0.0	111,364	19.2	123,641	21.3	0	0.0	579,841
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	1,500,161	78.3	0	0.0	0	0.0	294,085	15.4	120,661	6.3	1,914,907
	2001	1,203,817	89.5	0	0.0	0	0.0	80,548	6.0	60,281	4.5	1,344,646
	2002	641,615	95.2	0	0.0	0	0.0	32,146	4.8	0	0.0	673,761
	2003	1,293,645	93.2	0	0.0	0	0.0	94,562	6.8	0	0.0	1,388,207
	2004	985,437	76.6	0	0.0	0	0.0	300,814	23.4	0	0.0	1,286,251
	2005	658,055	87.7	0	0.0	0	0.0	91,959	12.3	0	0.0	750,014
	2006	348,333	63.6	0	0.0	0	0.0	199,382	36.4	0	0.0	547,715
	All Yrs	8,743,047	78.6	113,315	1.0	140,128	1.3	1,634,189	14.7	495,649	4.5	11,126,328
4C	1995	0	0.0	0	0.0	0	0.0	18,876	17.9	86,454	82.1	105,330
	1996	0	0.0	0	0.0	200,534	32.6	0	0.0	413,912	67.4	614,446
	1997	336,313	88.5	0	0.0	0	0.0	43,750	11.5	0	0.0	380,063
	1998	213,635	100.0	0	0.0	0	0.0	0	0.0	0	0.0	213,635
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	186,389	83.7	0	0.0	0	0.0	36,352	16.3	0	0.0	222,741
	2001	720,578	100	0	0.0	0	0.0	0	0.0	0	0.0	720,578
	2002	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2003	463,048	100	0	0.0	0	0.0	0	0.0	0	0.0	463,048
	2004	379,272	100	0	0.0	0	0.0	0	0.0	0	0.0	379,272
	2005	383,147	100	0	0.0	0	0.0	40,329	0.0	0	0.0	423,476
	2006	0	0	0	0.0	0	0.0	32,196	100.0	0	0.0	32,196
	All Yrs	2,682,382	75.5	0	0.0	200,534	5.6	171,503	4.8	500,366	14.1	3,554,785
4D	1995	0	0.0	0	0.0	0	0.0	0	0.0	109,563	100.0	109,563
	1996	267,536	61.1	170,632	38.9	0	0.0	0	0.0	0	0.0	438,168
	1997	771,407	67.1	129,632	11.3	120,070	10.4	53,780	4.7	75,555	6.6	1,150,444
	1998	264,554	81.9	0	0.0	0	0.0	0	0.0	58,618	18.1	323,172
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	739,320	100.0	0	0.0	0	0.0	0	0.0	0	0.0	739,320
	2001	747,764	89.3	44,173	5.3	45,877	5.5	0	0.0	0	0.0	837,814
	2002	799,191	83.9	0	0.0	0	0.0	153,154	16.1	0	0.0	952,345
	2003	508,542	84.3	0	0.0	0	0.0	94,932	15.7	0	0.0	603,474
	2004	328,087	100.0	0	0.0	0	0.0	0	0.0	0	0.0	328,087
	2005	105,158	100.0	0	0.0	0	0.0	0	0.0	0	0.0	105,158
	2006	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0
	All Yrs	4,426,401	80.7	344,437	6.3	165,947	3.0	301,866	5.5	243,736	4.4	5,482,387

Table 5-1a continued. Halibut QS Transfer Activity (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
4E	1997	0	0.0	0	0.0	0	0.0	0	0.0	1,856	100.0	1,856
	2003	0	0.0	698	100.0	0	0.0	0	0.0	0	0.0	698
	All Yrs	0	0.0	698	27.3	0	0.0	0	0.0	1,856	72.7	2,554

Note: NA indicates data not available

Table 5-1b Number of Halibut QS Transfer (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
2C	1995	354	77.8	9	2.0	12	2.6	49	10.8	31	6.8	455
	1996	366	76.9	0	0.0	11	2.3	7	1.5	92	19.3	476
	1997	288	78.5	3	0.8	11	3.0	41	11.2	24	6.5	367
	1998	142	66.0	1	0.5	36	16.7	16	7.4	20	9.3	215
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	142	71.4	4	2.0	4	2.0	47	23.6	2	1.0	199
	2001	142	75.9	3	1.6	3	1.6	38	20.3	1	0.5	187
	2002	119	73.9	2	1.2	4	2.5	34	21.1	2	1.2	161
	2003	137	72.5	2	1.1	3	1.6	46	24.3	1	0.5	189
	2004	131	73.6	0	0.0	2	1.1	45	25.3	0	0.0	178
	2005	108	70.1	2	1.3	3	1.9	41	26.6	0	0.0	154
	2006	104	69.3	5	3.3	2	1.3	38	25.3	1	0.7	150
	All Yrs	1,313	72.9	22	1.2	68	3.8	346	19.2	51	2.8	1,800
3A	1995	401	74.1	20	3.7	9	1.7	63	11.6	48	8.9	541
	1996	475	79.2	1	0.2	24	4.0	6	1.0	94	15.7	600
	1997	392	75.8	4	0.8	16	3.1	72	13.9	33	6.4	517
	1998	209	73.9	1	0.4	4	1.4	36	12.7	33	11.7	283
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	167	73.2	4	1.8	3	1.3	48	21.1	6	2.6	228
	2001	187	78.2	4	1.7	2	0.8	37	15.5	9	3.8	239
	2002	180	73.5	3	1.2	0	0.0	57	23.3	5	2.0	245
	2003	183	73.5	3	1.2	4	1.6	59	23.7	0	0.0	249
	2004	198	77.0	0	0.0	4	1.6	54	21.0	1	0.4	257
	2005	139	69.5	1	0.5	4	2.0	54	27.0	2	1.0	200
	2006	167	79.9	0	0.0	1	0.5	38	18.2	3	1.4	209
	All Yrs	2,698	75.6	41	1.1	71	2.0	524	14.7	234	6.6	3,568
3B	1995	99	64.7	10	6.5	3	2.0	20	13.1	21	13.7	153
	1996	174	67.7	0	0.0	32	12.5	1	0.4	50	19.5	257
	1997	209	74.9	3	1.1	18	6.5	37	13.3	12	4.3	279
	1998	64	62.1	4	3.9	8	7.8	14	13.6	13	12.6	103
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	63	69.2	2	2.2	3	3.3	17	18.7	6	6.6	91
	2001	65	69.1	0	0.0	5	5.3	20	21.3	4	4.3	94

Note: NA indicates data not available

Table 5-1b continued. Number of Halibut QS Transfer (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
3B Cont.	2002	57	68.7	2	2.4	1	1.2	22	26.5	1	1.2	83
	2003	59	67.0	2	2.3	3	3.4	24	27.3	0	0.0	88
	2004	52	70.3	2	2.7	0	0.0	19	25.7	1	1.4	74
	2005	45	69.2	0	0.0	1	1.5	18	27.7	1	1.5	65
	2006	54	73.0	2	2.7	1	1.4	17	23.0	0	0.0	74
	All Yrs	941	69.1	27	2.0	75	5.5	209	15.4	109	8.0	1,361
4A	1995	64	69.6	6	6.5	0	0.0	10	10.9	12	13.0	92
	1996	70	76.1	2	2.2	1	1.1	0	0.0	19	20.7	92
	1997	108	62.4	3	1.7	8	4.6	43	24.9	11	6.4	173
	1998	44	75.9	0	0.0	1	1.7	9	15.5	4	6.9	58
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	34	70.8	0	0.0	0	0.0	12	25.0	2	4.2	48
	2001	26	78.8	0	0.0	0	0.0	6	18.2	1	3.0	33
	2002	13	81.3	0	0.0	0	0.0	3	18.8	0	0.0	16
	2003	25	92.6	0	0.0	0	0.0	2	7.4	0	0.0	27
	2004	12	80.0	0	0.0	0	0.0	3	20.0	0	0.0	15
	2005	10	83.3	0	0.0	0	0.0	2	16.7	0	0.0	12
	2006	5	45.5	0	0.0	0	0.0	6	54.5	0	0.0	11
	All Yrs	183	75.3	4	1.6	3	1.2	41	16.9	12	4.9	243
4B	1995	5	38.5	4	30.8	2	15.4	0	0.0	2	15.4	13
	1996	7	58.3	0	0.0	0	0.0	0	0.0	5	41.7	12
	1997	34	87.2	0	0.0	0	0.0	3	7.7	2	5.1	39
	1998	12	70.6	0	0.0	1	5.9	4	23.5	0	0.0	17
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	34	70.8	0	0.0	0	0.0	12	25.0	2	4.2	48
	2001	26	78.8	0	0.0	0	0.0	6	18.2	1	3.0	33
	2002	13	81.3	0	0.0	0	0.0	3	18.8	0	0.0	16
	2003	25	92.6	0	0.0	0	0.0	2	7.4	0	0.0	27
	2004	12	80.0	0	0.0	0	0.0	3	20.0	0	0.0	15
	2005	10	83.3	0	0.0	0	0.0	2	16.7	0	0.0	12
	2006	5	45.5	0	0.0	0	0.0	6	54.5	0	0.0	11
	All Yrs	183	75.3	4	1.6	3	1.2	41	16.9	12	4.9	243
4C	1995	0	0.0	0	0.0	0	0.0	1	33.3	2	66.7	3
	1996	0	0.0	0	0.0	16	55.2	0	0.0	13	44.8	29
	1997	8	88.9	0	0.0	0	0.0	1	11.1	0	0.0	9
	1998	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	8	80.0	0	0.0	0	0.0	2	20.0	0	0.0	10
	2001	14	100.0	0	0.0	0	0.0	0	0.0	0	0.0	14
	2002	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2003	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2004	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	2005	7	77.8	0	0.0	0	0.0	2	22.2	0	0.0	9
	2006	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1
	All Yrs	58	60.4	0	0.0	16	16.7	4	4.2	15	15.6	93

Table 5-1b continued. Number of Halibut QS Transfer (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
4D	1995	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2
Cont.	1996	4	66.7	2	33.3	0	0.0	0	0.0	0	0.0	6
	1997	15	68.2	1	4.5	2	9.1	2	9.1	2	9.1	22
	1998	12	92.3	0	0.0	0	0.0	0	0.0	1	7.7	13
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	16	100.0	0	0.0	0	0.0	0	0.0	0	0.0	16
	2001	15	88.2	1	5.9	1	5.9	0	0.0	0	0.0	17
	2002	14	73.7	0	0.0	0	0.0	5	26.3	0	0.0	19
	2003	10	83.3	0	0.0	0	0.0	2	16.7	0	0.0	12
	2004	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	3
	2005	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	5
.	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	All Yrs	94	81.7	4	3.5	3	2.6	9	7.8	5	4.3	115
4E	1997	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2003	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	All Yrs	2	66.7	0	0.0	0	0.0	0	0	1	100	3

Note: NA indicates data not available

5.2 Finance Source on Priced Sales Transfers

The transfer application form asks for the "primary" source of financing for each transfer. Possible sources listed on the form include personal, bank, Alaska Department of Commerce and Economic Development (DCED), Commercial Fishing and Agriculture Bank (CFAB), NMFS' Financial Services Division (FSD), seller, processor, and "other". In many cases persons indicated more than one source of financing. In other cases application forms had missing information.

The transfer form did not ask for the proportions of financing derived from different sources. This means that if personal financing and bank financing were both used on a particular transaction, it would be impossible to determine what proportion of financing was derived from each source.

Table 5-2a provides information on the sources used to finance QS transferred in "priced sales" transactions in 1995-2006. The table provides data on the amount and percentage of QS transferred under each finance method. These data are reported by area. Since some reported more than one finance method used, the row percentages in the table total more than 100%. Note that there were no "priced sales" transfers in Area 4E.

Personal resources were the most important source of financing. Personal resources were the most widely used financing method for the QS in each of the seven management areas for which a financing method was reported. In Areas 2C and 3A, personal resources were reported as a source of financing far more often than the next most significant financing source. For all years in 3B, 4A and 4 B this trend changed in 2000-2006 and for these areas bank financing became a significant, if not dominate source of funding.

Banks were typically the second most important source of financing, DCED or CFAB and sellers were typically the third most important sources. The processors were relatively minor sources of financing in most areas over the twelve-year period.

Table 5-2b also provides information on the sources used to finance QS transferred in "priced sales" transactions in 1995-2006. However, while Table 5-2a provides information on the *amount* and percentage of *QS* transferred, Table 5-2b provides information on the *number* and percentage of *QS transfers* under each finance method. As in Table 5-2a, these data are reported by area. Also, as before, since some persons reported more than one finance method used, the row percentages in the table may total more than 100%. The data in this table are generally consistent with those in Table 5-2a. Personal resources are the most important finance source, followed by banks, sellers, and other sources.

Table 5-2a. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2006

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Services		Seller financed		Processor		Other		Missing		Unique
		QS	Pct	QS		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
2C	1995	4,686,251	60.3	940,944	12.1	344,729	4.4	0	0.0	1,176,179	15.1	99,087	1.3	545,587	7.0	1,233,942	15.9	7,773,214
	1996	4,933,848	70.4	1,409,390	20.1	223,924	3.2	0	0.0	820,337	11.7	29,603	0.4	348,964	5.0	101,484	1.4	7,007,947
	1997	2,965,122	65.7	794,896	17.6	565,896	12.5	0	0.0	262,900	5.8	14,780	0.3	70,221	1.6	0	0.0	4,511,763
	1998	1,632,069	68.0	501,283	20.9	119,595	5.0	0	0.0	153,756	6.4	42,136	1.8	56,149	2.3	0	0.0	2,399,645
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,169,232	49.9	520,556	12.0	600,227	13.8	517,614	11.9	452,778	10.4	0	0.0	0	0.0	85,622	2.0	4,346,029
	2001	1,961,786	53.0	388,750	10.5	58,897	1.6	354,923	9.6	733,192	19.8	0	0.0	0	0.0	204,988	5.5	3,702,536
	2002	1,856,451	54.3	442,438	12.9	456,311	13.3	134,001	3.9	402,314	11.8	0	0.0	0	0.0	127,110	3.7	3,418,625
	2003	1,626,751	55.2	441,882	15.0	411,027	14.0	313,443	10.6	138,651	4.7	0	0.0	0	0.0	13,662	0.5	2,945,416
	2004	1,605,129	59.3	447,035	16.5	65,092	2.4	169,518	6.3	412,825	15.3	0	0.0	0	0.0	5,917	0.2	2,705,516
	2005	1,032,112	38.5	405,841	15.1	349,866	13.0	240,746	9.0	308,964	11.5	0	0.0	0	0.0	343,543	12.8	2,681,072
	2006	1,114,180	51.0	425,987	19.5	93,527	4.3	126,447	5.8	368,366	16.9	0	0.0	0	0.0	55,459	2.5	2,183,966
	All Yrs	25,582,931	55.5	6,719,002	14.6	3,289,091	7.1	1,856,692	4.0	5,230,262	11.4	185,606	0.4	1,020,921	2.2	2,171,727	4.7	21,692,569
3A	1995	12,031,850	63.3	3,103,488	16.3	1,252,025	6.6	0	0.0	2,897,854	15.3	394,118	2.1	456,254	2.4	2,280,798	12	18,999,547
	1996	13,468,911	60.7	5,795,030	26.1	1,886,262	8.5	0	0.0	3,313,265	14.9	261,857	1.2	1046963	4.7	444,947	2.0	22,181,623
	1997	9,077,867	63.8	2,259,272	15.9	1,016,590	7.1	0	0.0	1,127,121	7.9	474,638	3.3	557,306	3.9	0	0.0	14,230,476
	1998	4,256,068	58.7	1,080,605	14.9	778,772	10.7	0	0.0	806,044	11.1	0	0.0	254,871	3.5	323,554	4.5	7,253,924
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	4,700,104	45.9	1,654,776	16.2	295,329	2.9	1,403,142	13.7	727,058	7.1	1,232,324	12.0	0	0.0	216,143	2.1	10,228,876
	2001	5,108,089	53.9	1,047,733	11.1	1,575,628	16.6	765,624	8.1	643,617	6.8	177,302	1.9	0	0.0	157,932	1.7	9,475,925
	2002	3,978,498	41.0	1,951,979	20.1	1,084,191	11.2	966,499	10.0	1,703,823	17.5	0	0.0	0	0.0	26,616	0.3	9,711,606
	2003	1,141,642	36.1	770,654	24.4	24,788	0.8	281,776	8.9	651,470	20.6	5,144	0.2	0	0.0	287,111	9.1	3,162,585
	2004	4,416,168	54.5	1,998,507	24.7	609,394	7.5	685,302	8.5	389,949	4.8	0	0.0	0	0.0	0	0.0	8,099,320
	2005	2,117,855	50.3	758,182	18.0	622,468	14.8	561,836	13.3	152,038	3.6	0	0.0	0	0.0	0	0.0	4,212,379
	2006	4,080,868	62.7	1,154,768	17.7	382,608	5.9	432,265	6.6	0	0.0	198,846	3.1	0	0.0	262,586	4.0	6,511,941
	All Yrs	64,377,920	52.7	21,574,994	17.7	9,528,055	7.8	5,096,444	4.2	12,412,239	10.2	2,744,229	2.2	2,315,394	1.9	3,999,687	3.3	122,048,962
3B	1995	3,488,345	82.5	369,304	8.7	0	0.0	0	0.0	99,914	2.4	0	0.0	102,531	2.4	269,242	6.4	4,329,336
	1996	3,512,801	57.2	1,700,526	27.7	406,610	6.6	0	0.0	899,087	14.6	370,739	6	99,523	1.6	188,166	3.1	7,177,452
	1997	2,875,182	55.7	1,128,581	21.9	64,433	1.2	0	0.0	649,901	12.6	35,481	0.7	435,042	8.4	0	0.0	5,188,620
	1998	944,888	61.3	337,748	21.9	58,398	3.8	0	0.0	177,716	11.5	0	0.0	21,887	1.4	0	0.0	1,540,637
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N/A
	2000	1,358,063	49.4	517,991	18.9	121,442	4.4	72,180	2.6	536,548	19.5	0	0.0	0	0.0	140,516	5.1	2,746,740
	2001	1,041,358	35.2	1,034,218	35.0	199,416	6.7	70,977	2.4	12,062	0.4	0	0.0	0	0.0	601,090	20.3	2,959,121
	2002	1,141,642	39.8	770,654	26.8	24,788	0.9	281,776	9.8	651,470	22.7	0	0.0	0	0.0	0	0.0	2,870,330
	2003	1,049,814	49.4	350,563	16.5	283,614	13.3	95,947	4.5	221,776	10.4	0	0.0	0	0.0	125,364	5.9	2,127,078
	2004	438,637	20.1	1,605,856	73.5	66,621	3.0	0	0.0	73,234	3.4	0	0.0	0	0.0	0	0.0	2,184,348

Table 5-2a continued. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2006

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Unique
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
3B	2005	428,658	15.6	1,948,419	71.1	217,187	7.9	131,284	4.8	15,456	0.6	0	0.0	0	0.0	0	0.0	2,741,004
Cont.	2006	606,788	22.1	1,644,304	60.0	156,955	5.7	136,749	5.0	100,692	3.7	0	0.0	0	0.0	0	0.0	2,645,488
	All Yrs	16,886,176	65.2	11,408,164	21.7	1,599,464	6.2	788,913	2.2	3,437,856	9.8	406,220	0.1	658,983	3.2	1,324,378	1.8	36,510,154
4A	1995	799,722	74.7	211,393	19.8	0	0.0	0	0.0	55,847	5.2	0	0.0	0	0	58,940	5.5	1,125,902
	1996	906,863	57.5	286,486	18.2	299,240	19.0	0	0.0	184,741	11.7	0	0.0	44,992	2.9	39,586	2.5	1,761,908
	1997	1,573,353	67.9	627,248	27.1	49,997	2.2	0	0.0	129,349	5.6	7,110	0.3	136,055	5.9	0	0.0	2,523,112
	1998	377,015	58.5	89,658	13.9	0	0.0	0	0.0	177,927	27.6	0	0.0	0	0	0	0.0	644,600
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	841,052	35.3	1,018,816	42.8	43,774	1.8	0	0.0	72,462	3.0	597	0.0	0	0.0	403,892	17.0	2,380,593
	2001	697,350	61.7	133,928	11.9	170,074	15.1	111,592	9.9	17,039	1.5	0	0.0	0	0.0	0	0.0	1,129,983
	2002	344,909	41.0	350,563	41.7	0	0.0	0	0.0	101,115	12.0	44,267	5.3	0	0.0	0	0.0	840,854
	2003	855,232	66.6	192,643	15.0	24,008	1.9	0	0.0	176,048	13.7	35,302	2.8	0	0.0	0	0.0	1,283,233
	2004	568,903	33.4	1,022,530	60.0	44,280	2.6	55,423	3.3	12,361	0.7	0	0.0	0	0.0	0	0.0	1,703,497
	2005	0	0.0	1,011,855	88.1	136,989	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,148,844
	2006	0	0.0	763,574	78.1	214,207	21.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	977,781
	All Yrs	6,964,399	44.9	5,708,694	36.0	982,569	6.3	167,015	1.1	926,889	6.0	87,276	0.6	181,047	1.2	502,418	3.2	15,520,307
4B	1995	96,249	55.5	0	0.0	0	0.0	0	0.0	11,899	6.9	0	0.0	36,073	20.8	41,201	23.7	185,422
	1996	165,354	63.5	94,982	36.5	0	0.0	0	0.0	31,046	11.9	0	0.0	0	0.0	0	0.0	291,382
	1997	943,840	70.8	132,893	10.0	0	0.0	0	0.0	252,259	18.9	0	0.0	72,935	5.5	0	0.0	1,401,927
	1998	326,415	94.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18,421	5.3	0	0.0	344,836
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	492,807	37.9	497,694	38.2	0	0.0	50,900	3.9	0	0.0	259,807	20.0	0	0.0	0	0.0	1,301,208
	2001	384,403	31.9	319,219	26.5	142,930	11.9	0	0.0	285,260	23.7	0	0.0	0	0.0	72,005	6.0	1,203,817
	2002	140,935	22.0	355,298	55.4	0	0.0	0	0.0	101,115	15.8	44,267	6.9	0	0.0	0	0.0	641,615
	2003	679,513	52.5	361,129	27.9	0	0.0	50,900	3.9	141,822	11.0	60,281	4.7	0	0.0	0	0.0	1,293,645
	2004	552,448	56.1	296,236	30.1	0	0.0	95,919	9.7	40,834	4.1	0	0.0	0	0.0	0	0.0	985,437
	2005	61,525	9.9	424,655	68.6	0	0.0	0	0.0	132,659	21.4	0	0.0	0	0.0	0	0.0	618,839
	2006	14,701	5.3	261,362	94.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	276,063
	All Yrs	3,858,190	45.2	2,743,468	32.1	142,930	1.7	197,719	2.3	996,894	11.7	364,355	4.3	127,429	1.5	113,206	1.3	8,544,191
4C	1997	140,775	41.9	138,206	41.1	0	0.0	0	0.0	21,747	6.5	35,585	10.6	0	0.0	0	0.0	336,313
	1998	75,332	30.8	40,207	18.8	32,465	15.2	0	0.0	3,743	1.8	0	0.0	92,850	43.5	0	0.0	244,597
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	56,546	30.3	0	0.0	0	0.0	0	0.0	0	0.0	90,738	48.7	39,105	21.0	0	0.0	186,389
	2001	423,137	58.7	63,979	8.9	0	0.0	0	0.0	224,715	31.2	0	0.0	0	0.0	8,747	1.2	720,578
	2002	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2003	463,048	76.6	0	0.0	0	0.0	0	0.0	141,822	23.4	0	0.0	0	0.0	0	0.0	604,870
	2004	379,272	100.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	379,272
	2005	279,884	73.0	61,390	16.0	41,873	10.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	383,147
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	All Yrs	1,817,994	63.7	303,782	10.6	74,338	2.6	0	0.0	392,027	13.7	126,323	4.4	131,955	4.6	8,747	0.3	2,855,166
4D	1996	211,459	79.0	0	0.0	0	0.0	0	0.0	0	0.0	56,077	7.4	0	0.0	0	0.0	267,536
	1997	197,619	25.6	284,110	36.8	0	0.0	0	0.0	87,366	11.3	56,948	2.5	145,364	19.4	0	0.0	771,407

Table 5-2a continued. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2006

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Unique
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
4D	1998	139,089	26.3	0	0.0	95,019	35.9	0	0.0	11,454	4.3	18,992	7.2	0	0.0		0.0	264,554
Cont.	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	739,320
	2000	404,139	54.7	0	0.0	0	0.0	0	0.0	41,967	5.7	175,081	23.7	0	0.0	118,133	16.0	739,320
	2001	320,648	42.9	283,153	37.9	0	0.0	0	0.0	41,162	5.5	0	0.0	0	0.0	102,801	13.7	747,764
	2002	345,499	43.2	453,692	56.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	799,191
	2003	329,752	64.8	178,790	35.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	508,542
	2004	133,313	40.6	194,774	59.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	328,087
	2005	105,158	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	105,158
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	All Yrs	2,186,676	48.3	1,394,519	30.8	95,019	2.1	0	0.0	170,495	3.8	299,560	6.6	164,356	3.6	220,934	4.9	4,531,559

Note: Because some persons reported more than one finance method used, the row percentages in the table may total more then 100%

Table 5-2b. Number of QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2006

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Unique [43]
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
2C	1995	270	76.3	26	7.3	8	2.3	0	0.0	57	16.1	2	0.6	16	4.5	31	8.8	354
	1996	277	75.7	48	13.1	8	2.2	0	0.0	44	12.0	2	0.5	28	7.7	4	1.1	366
	1997	231	80.2	25	8.7	21	7.3	0	0.0	8	2.8	1	0.3	6	2.1	0	0.0	288
	1998	116	81.7	14	9.9	4	2.8	0	0.0	5	3.5	2	1.4	3	2.1	0	0.0	142
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	98	69.5	11	7.8	7	5.0	12	8.5	11	7.8	0	0.0	0	0.0	2	1.4	141
	2001	93	65.5	13	9.2	3	2.1	9	6.3	19	13.4	0	0.0	0	0.0	5	3.5	142
	2002	83	71.6	12	10.3	9	7.8	2	1.7	7	6.0	0	0.0	0	0.0	3	2.6	116
	2003	95	70.9	13	9.7	12	9.0	7	5.2	6	4.5	0	0.0	0	0.0	1	0.7	134
	2004	94	72.9	16	12.4	3	2.3	5	3.9	10	7.8	0	0.0	0	0.0	1	0.8	129
	2005	67	64.4	8	7.7	10	9.6	4	3.8	7	6.7	0	0.0	0	0.0	8	7.7	104
	2006	70	66.0	13	12.3	4	3.8	5	4.7	9	8.5	0	0.0	0	0.0	5	4.7	106
	All Yrs	1,494	73.9	199	9.8	89	4.4	44	2.2	183	9.1	7	0.3	53	2.6	60	3.0	2,022
3A	1995	266	66.3	50	12.5	18	4.5	0	0.0	71	17.7	4	1.0	9	2.2	58	14.5	401
	1996	359	75.6	69	14.5	21	4.4	0	0.0	82	17.3	3	0.6	15	3.2	16	3.4	475
	1997	293	74.7	50	12.8	24	6.1	0	0.0	15	3.8	7	1.8	13	3.3	0	0.0	392
	1998	159	76.1	19	9.1	15	7.2	0	0.0	9	4.3	0	0.0	6	2.9	5	2.4	209
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	115	78.2	8	5.4	4	2.7	15	10.2	0	0.0	0	0.0	0	0.0	5	0.0	147
	2001	130	74.3	10	5.7	19	10.9	13	7.4	0	0.0	1	0.6	0	0.0	2	0.0	175
	2002	118	71.1	19	11.4	17	10.2	11	6.6	0	0.0	0	0.0	0	0.0	1	0.0	166
	2003	128	74.0	18	10.4	11	6.4	13	7.5	0	0.0	1	0.6	0	0.0	2	0.0	173
	2004	143	76.5	12	6.4	15	8.0	17	9.1	0	0.0	0	0.0	0	0.0	0	0.0	187
	2005	96	72.7	11	8.3	12	9.1	13	9.8	0	0.0	0	0.0	0	0.0	0	0.0	132
	2006	122	73.1	14	8.4	10	6.0	9	5.4	0	0.0	6	3.6	0	0.0	6	0.0	167
	All Yrs	1,929	67.4	280	9.8	166	5.8	91	3.2	234	8.2	22	0.8	43	1.5	95	3.3	2,860
3B	1995	60	60.6	6	6.1	0	0.0	0	0.0	2	2.0	0	0.0	1	1.0	32	32.3	99
	1996	116	66.7	39	22.4	5	2.9	0	0.0	21	12.1	9	5.2	3	1.7	5	2.9	174
	1997	173	82.8	20	9.6	1	0.5	0	0.0	9	4.3	2	1.0	6	2.9	0	0.0	209
	1998	52	81.3	5	7.8	1	1.6	0	0.0	5	7.8	0	0.0	1	1.6	0	0.0	64
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	41	77.4	7	13.2	3	5.7	2	3.8	7	11.7	0	0.0	0	0.0	0	0.0	53
	2001	32	50.0	12	18.8	7	10.9	4	6.3	1	1.5	0	0.0	0	0.0	9	14.1	64
	2002	28	63.6	10	22.7	1	2.3	5	11.4	13	22.8	0	0.0	0	0.0	0	0.0	44
	2003	27	48.2	19	33.9	6	10.7	2	3.6	3	5.1	0	0.0	0	0.0	2	3.6	56
	2004	21	41.2	28	54.9	2	3.9	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	51
	2005	15	35.7	19	45.2	5	11.9	3	7.1	2	4.5	0	0.0	0	0.0	0	0.0	42
	2006	28	54.9	15	29.4	4	7.8	4	7.8	3	5.6	0	0.0	0	0.0	0	0.0	51
	All Yrs	593	61.5	180	18.7	35	3.6	20	2.1	67	6.9	11	1.1	11	1.1	48	5.0	965

[43] Because some persons reported more than one finance method used, the row percentages in the table may total more then 100%

Table 5-2b continued. Number of QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2006

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Unique
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
4A	1995	28	43.8	8	12.5	0	0	0	0	3	4.7	0	0.0	0	0.0	28	43.8	64
Cont.	1996	51	72.9	7	10.0	5	7.1	0	0	5	7.1	0	0.0	4	5.7	2	2.9	70
	1997	76	70.4	18	16.7	2	1.9	0	0	6	5.6	1	0.9	9	8.3	0	0.0	108
	1998	30	68.2	6	13.6	0	0.0	0	0	8	18.2	0	0.0	0	0.0	0	0.0	44
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	39	63.9	14	23.0	1	1.6	0	0.0	2	3.2	1	1.6	0	0.0	6	9.8	61
	2001	31	70.5	3	6.8	6	13.6	4	9.1	1	2.2	0	0.0	0	0.0	0	0.0	44
	2002	14	73.7	5	26.3	0	0.0	0	0.0	10	34.5	0	0.0	0	0.0	0	0.0	19
	2003	31	88.6	3	8.6	1	2.9	0	0.0	3	7.9	0	0.0	0	0.0	0	0.0	35
	2004	20	55.6	13	36.1	2	5.6	1	2.8	1	2.7	0	0.0	0	0.0	0	0.0	36
	2005	25	54.3	18	39.1	3	6.5	0	0.0	4	8.0	0	0.0	0	0.0	0	0.0	46
	2006	18	48.6	9	24.3	7	18.9	3	8.1	0	0.0	0	0.0	0	0.0	0	0.0	37
	All Yrs	363	60.9	104	17.4	27	4.5	8	1.3	43	7.2	2	0.3	13	2.2	36	6.0	596
4B	1995	3	60.0	0	0.0	0	0.0	0	0.0	1	20	0	0.0	1	20.0	1	20	5
	1996	5	71.4	2	28.6	0	0.0	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0	7
	1997	25	73.5	4	11.8	0	0.0	0	0.0	6	17.6	0	0.0	2	5.9	0	0.0	34
	1998	10	83.3	0	0.0	0	0.0	0	0.0	0	0	0	0.0	2	16.7	0	0.0	12
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	34	70.8	0	0.0	0	0.0	2	6.1	0	0.0	2	6.1	0	0.0	1	3.0	33
	2001	26	78.8	0	0.0	3	11.1	0	0.0	4	14.8	0	0.0	1	3.7	1	3.7	27
	2002	13	81.3	0	0.0	0	0.0	0	0.0	2	15.4	3	23.1	0	0.0	0	0.0	13
	2003	25	92.6	0	0.0	0	0.0	2	8.0	1	4.0	1	4.0	0	0.0	0	0.0	25
	2004	12	80.0	0	0.0	0	0.0	2	16.7	1	8.3	0	0.0	0	0.0	0	0.0	12
	2005	10	83.3	0	0.0	0	0.0	0	0.0	3	33.3	0	0.0	0	0.0	0	0.0	9
	2006	5	45.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3
	All Yrs	183	75.3	4	1.6	3	1.2	6	3.2	19	10.3	6	3.2	6	3.2	3	1.6	185
4C	1997	4	50.0	2	25.0	0	0.0	0	0.0	1	12.5	1	12.5	0	0.0	0	0.0	8
	1998	2	22.2	1	11.1	1	11.1	0	0.0	1	11.1	0	0.0	4	44.4	0	0.0	9
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	5	83.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	6
	2001	9	90.0	0	0.0	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	1	8.3	10
	2003	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2004	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	2005	5	83.3	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6
	All Yrs	38	73.1	3	5.8	2	3.8	0	0.0	2	3.8	1	1.9	5	9.6	1	1.9	52
4D	1996	3	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	4
	1997	7	46.7	3	20.0	0	0.0	0	0.0	1	6.7	1	6.7	3	20.0	0	0.0	15
	1998	6	50.0	0	0.0	3	25.0	0	0.0	0	0.0	1	8.3	2	16.7	0	0.0	12
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	12	85.7	0	0.0	0	0.0		0.0	1	7.1	0	0.0	0	0.0	1	7.1	14
	1999	9	81.8	0	0.0	0	0.0		0.0	1	9.1	0	0.0	0	0.0	1	9.1	11
	2000	10	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10
	2001	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7
	2002	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2

Table 5-2b continued. QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2006

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Unique
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
4D	2003	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
Cont.	2004	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	2005	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	All Yrs	61	76.3	3	3.8	3	3.8	0	0.0	3	3.8	2	2.5	6	7.5	2	2.5	80

Note: Table includes only years with data
a) NA indicates data not available

5.3 Relationship of Transferors and Transfer Recipients

This section examines the relationship between transferors and transfer recipients in permanent QS transfers. In the tables in this section these categories were designated as "partner," "family," "friend," or "none." These tables should be read with caution because the actual categories on the NMFS-RAM transfer application form changed over the time period.[44]

Table 5-3a provides a summary of the responses to this question for all QS transfers recorded as transfer, sweep-up, spousal, and court transactions on the NMFS-RAM data base. The data are provided by management area and show the amount of QS involved in transfers based upon the relationship between the buyer and seller.

"None" or "No relationship" was the most likely response in all areas. In six of the eight management areas where permanent QS transfers occurred during the twelve-year period, 50% or more of the QS transferred moved between persons indicating "No relationship." In six of the management areas the twelve-year average was over 50%. In 2C, 3A, 3B and 4C family transfers were a significant percentage of transactions.

The table should be read cautiously because many respondents did not answer, especially in 1995. What may appear to be a change in the QS transferred in a relationship category may in fact be due to a reduction in missing data. The large percentage of transactions with MESSY data in area 4C has an unknown cause.

Table 5-3b provides similar summary data but focuses on the number of transfer transactions rather than on the amount of QS involved in the transactions. The results are similar to those in Table 5-3a. In seven of the eight areas over 60% of the transfers over the twelve-year period were between parties with "No relationship."

[44] The relationship question on the transfer application form changed between 1995 and 1996. In 1995 respondents were given a choice of "No relationship," "Business Partner," "Personal Family Member," and "Other Friend or Relative." In 1996 "Personal Family Member" became "Family Member," "Other Friend or Relative" became "Friend," and an "Other" category was introduced.

Table 5-3a. QS Units Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2006

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
2C	1995	1,789,424	17.1	1,431,139	13.6	89,391	0.9	6,379,214	60.8	799,369	7.6	10,488,537
	1996	1,183,182	13.2	1,469,015	16.4	138,730	1.5	5,790,106	64.5	389,288	4.3	8,970,321
	1997	937,681	15.8	747,355	12.6	85,253	1.4	3,963,427	66.6	218,548	3.7	5,952,264
	1998	932,030	25.9	150,830	4.2	41,777	1.2	2,236,920	62.1	240,734	6.7	3,602,291
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,036,053	32.4	753,880	12.0	70,652	1.1	3,335,703	53.1	81,105	1.3	6,277,393
	2001	1,547,127	31.4	439,040	8.9	37,882	0.8	2,847,594	57.8	53,876	1.1	4,925,519
	2002	1,735,847	37.1	136,846	2.9	93,457	2.0	2,695,612	57.6	15,149	0.3	4,676,911
	2003	1,514,103	32.6	50,449	1.1	11,170	0.2	2,946,870	63.4	122,388	2.6	4,644,980
	2004	1,638,687	37.6	22,202	0.5	35,082	0.8	2,639,287	60.5	23,988	0.6	4,359,246
	2005	2,308,912	47.0	45,871	0.9	0	0.0	2,512,644	51.2	42,763	0.9	4,910,190
	2006	2,006,991	51.2	290,513	7.4	0	0.0	1,621,696	41.4	0	0.0	3,919,200
	All Yrs	17,630,037	28.1	5,537,140	8.8	603,394	1.0	36,969,073	58.9	1,987,208	3.2	62,726,852
3A	1995	4,363,602	15.3	2,523,410	8.8	2,049,533	7.2	16,460,976	57.6	3,159,968	11.1	28,557,489
	1996	2,498,437	9.4	2,353,877	8.8	918,458	3.4	19,551,785	73.4	1,304,234	4.9	26,626,791
	1997	3,449,104	18.6	1,469,151	7.9	879,792	4.7	12,357,078	66.6	405,673	2.2	18,560,798
	1998	2,087,094	18.3	1,102,000	9.7	450,408	4.0	6,115,631	53.8	1,619,851	14.2	11,374,984
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,997,696	21.7	856,953	6.2	1,171,363	8.5	8,080,833	58.5	702,511	5.1	13,809,356
	2001	2,383,445	18.6	1,222,169	9.6	331,387	2.6	8,249,818	64.5	602,486	4.7	12,789,305
	2002	2,857,043	22.7	358,627	2.9	564,827	4.5	8,287,775	65.9	509,594	4.1	12,577,866
	2003	3,242,587	30.3	109,657	1.0	54,528	0.5	7,238,180	67.6	67,979	0.6	10,712,931
	2004	2,901,611	26.2	110,725	1.0	49,967	0.5	7,694,504	69.5	307,862	2.8	11,064,669
	2005	2,053,310	27.2	74,900	1.0	558,381	7.4	4,751,508	63.0	103,774	1.4	7,541,873
	2006	3,395,262	36.2	159,995	1.7	232,431	2.5	5,569,403	59.3	27,856	0.3	9,384,947
	All Yrs	32,229,191	19.8	10,341,46	6.3	7,261,075	4.5	104,357,49	64.0	8,811,788	5.4	163,001,00
3B	1995	986,356	13.5	821,749	11.2	987,644	13.5	3,360,229	45.8	1,176,162	16.0	7,332,140
	1996	1,102,374	14.6	369,202	4.9	385,457	5.1	5,593,240	73.8	125,873	1.7	7,576,146
	1997	1,836,050	25.6	580,572	8.1	314,100	4.4	4,453,662	62.0	0	0.0	7,184,384
	1998	718,980	23.4	276,184	9.0	203,391	6.6	1,214,207	39.5	664,599	21.6	3,077,361
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	1,120,296	30.5	111,762	3.0	209,089	5.7	2,049,235	55.8	179,545	4.9	3,669,927
	2001	533,467	12.5	149,169	3.5	159,684	3.8	3,005,505	70.6	407,355	9.6	4,255,180
	2002	982,852	25.7	20,406	0.5	276,716	7.2	2,523,649	66.0	21,617	0.6	3,825,240
	2003	1,202,758	25.4	87,912	1.9	102,653	2.2	3,272,477	69.1	72,031	1.5	4,737,831
	2004	1,040,852	34.5	0	0.0	63,638	2.1	1,887,688	62.6	24,558	0.8	3,016,736
	2005	1,228,730	29.8	34,577	0.8	0	0.0	2,821,609	68.4	40,528	1.0	4,125,444
	2006	1,202,768	32.8	371,237	10.1	0	0.0	2,090,569	57.0	0	0.0	3,664,574
	All Yrs	11,955,483	22.8	2,822,770	5.4	2,702,372	5.2	32,272,070	61.5	2,712,268	5.2	52,464,963
4A	1995	102.763	5.8	227.423	12.9	212.472	12.1	815.948	46.4	398.429	22.7	1.757.035
	1996	189,537	9.2	573,967	27.7	0	0.0	1,257,503	60.8	48,886	2.4	2,069,893
	1997	838,317	24.3	573,515	16.7	76,382	2.2	1,930,249	56.0	25,689	0.7	3,444,152
	1998	71,097	7.8	112,266	12.4	0	0.0	672,876	74.3	49,604	5.5	905,843
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	129,012	4.5	318,476	11.2	105,305	3.7	2,238,751	78.7	51,780	1.8	2,843,324

Table 5-3a continued. QS Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2006

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
4A Cont.	2001	188,301	11.7	192,273	11.9	0	13.6	995,343	61.7	17,039	1.1	1,613,142
	2002	343,334	19.6	233,451	13.3	0	0.0	1,137,627	64.9	37,409	2.1	1,752,590
	2003	115,374	7.7	327,481	21.9	0	0.0	1,054,559	70.4	0	0.0	1,497,414
	2004	311,795	14.3	228,862	10.5	0	0.0	1,647,063	75.3	264	0.0	2,187,984
	2005	354,493	13.2	167,220	6.2	0	0.5	2,013,416	75.0	134,609	5.0	2,683,724
	2006	251,553	13.4	102,662	5.5	0	0.0	1,523,760	81.1	0	0.0	1,877,975
	All Yrs	2,895,576	12.8	3,057,596	13.5	629,100	2.8	15,287,09	67.5	763,709	3.4	22,633,076
4B	1995	0	0.0	90,510	22.1	61,096	14.9	156,238	38.2	101,154	24.7	408,998
	1996	9,631	2.2	0	0.0	18,623	4.3	390,095	90.2	14,095	3.3	432,444
	1997	422,959	23.5	236,880	13.2	202,515	11.3	937,190	52.1	0	0.0	1,799,544
	1998	12,110	2.1	39,036	6.7	0	0.0	528,695	91.2	0	0.0	579,841
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	283,960	15.9	457,806	25.6	0	0.0	986,279	55.1	62,077	3.5	1,790,122
	2001	191,484	14.7	167,931	12.9	0	0.0	946,303	72.5	0	0.0	1,305,718
	2002	0	0.0	167,786	27.3	0	0.0	429,985	70.1	15,709	2.6	613,480
	2003	28,459	2.1	90,916	6.7	0	0.0	1,227,608	91.1	0	0.0	1,346,983
	2004	24,813	2.3	11,899	1.1	0	0.0	1,027,279	96.5	0	0.0	1,063,991
	2005	30,863	4.2	0	0.0	0	0.0	385,339	52.2	321,913	43.6	738,115
	2006	435,565	79.5	47,274	8.6	0	0.0	64,876	11.8	0	0.0	547,715
	All Yrs	1,439,844	13.5	1,310,038	12.3	282,234	2.7	7,079,887	66.6	514,948	4.8	10,626,951
4C	1995	0	0.0	18,876	17.9	0	0.0	0	0.0	86,454	82.1	105,330
	1996	262,332	42.7	0	0.0	34,843	5.7	301,069	49.0	16,202	2.6	614,446
	1997	73,307	19.3	89,215	23.5	37,490	9.9	180,051	47.4	0	0.0	380,063
	1998	0	0.0	48,175	22.6	0	0.0	161,717	75.7	3,743	1.8	213,635
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	82,817	39.3	9,998	4.7	0	0.0	117,849	55.9	12,077	5.4	222,741
	2001	107,933	15.5	174,832	25.1	0	0.0	413,538	59.4	0	0.0	696,303
	2002	0	0.0	0	0.0	0	0.0	0	100.0	0	0.0	0
	2003	0	0.0	58,050	12.5	0	0.0	404,998	87.5	0	0.0	463,048
	2004	0	0.0	0	0.0	0	0.0	379,272	100.0	0	0.0	379,272
	2005	170,691	40.3	0	0.0	0	0.0	252,785	59.7	0	0.0	423,476
	2006	0	0.0	0	0.0	0	0.0	32,196	100.0	0	0.0	32,196
	All Yrs	697,080	19.7	399,146	11.3	72,333	2.0	2,243,475	63.5	118,476	3.4	3,530,510
4D	1995	0	0.0	0	0.0	69,848	63.8	0	0.0	39,715	36.2	109,563
	1996	0	0.0	41,000	9.4	27,355	6.2	369,813	84.4	0	0.0	438,168
	1997	0	20.6	23,583	2.0	20,832	1.8	868,496	75.5	0	0.0	1,150,444
	1998	0	0.0	34,748	10.8	0	0.0	229,806	71.1	58,618	18.1	323,172
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	0	0.0	41,967	5.7	0	0.0	0	94.3	0	0.0	739,320
	2001	156,078	18.6	244,160	29.1	0	0.0	437,576	52.2	0	0.0	837,814
	2002	0	0.0	72,391	7.6	0	8.2	0	84.2	0	0.0	952,345
	2003	0	0.0	177,198	29.4	0	0.0	0	70.6	0	0.0	603,474

Table 5-3a continued. QS Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2006

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
4D	2004	0	0.0	0	0.0	0	0.0	328,087	100.0	0	0.0	328,087
Cont.	2005	22,922	21.8	52,860	50.3	0	0.0	29,376	27.9	0	0.0	105,158
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	All Yrs	416,533	7.5	687,907	12.3	196,135	3.5	4,188,637	75.0	98,333	1.8	5,587,545
4E	1997	1.856	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1.856
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2003	0	0.0	0	0.0	0	0.0	698	100.0	0	0.0	698
	All Yrs	1,856	72.7	0	0.0	0	0.0	698	27.3	0	0.0	2,554

Note: Table includes only years with data
a) NA indicates data not available

Table 5-3b. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2006

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
2C	1995	60	13.2	71	15.6	5	1.1	287	63.1	32	7.0	455
	1996	62	13.0	74	15.5	6	1.3	321	67.4	13	2.7	476
	1997	61	16.6	55	15.0	5	1.4	238	64.9	8	2.2	367
	1998	60	27.9	16	7.4	2	0.9	129	60.0	8	3.7	215
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	54	27.3	26	13.1	3	1.5	112	56.6	3	1.5	198
	2001	49	26.9	25	13.7	1	0.5	106	58.2	1	0.5	182
	2002	43	27.2	8	5.1	6	3.8	99	62.7	2	1.3	158
	2003	42	23.1	6	3.3	2	1.1	130	71.4	2	1.1	182
	2004	41	23.2	2	1.1	1	0.6	132	74.6	1	0.6	177
	2005	51	32.5	5	3.2	0	0.0	99	63.1	2	1.3	157
	2006	51	33.3	18	11.8	0	0.0	84	54.9	0	0.0	153
	All Yrs	574	21.1	306	11.3	31	1.1	1,737	63.9	72	2.6	2,720
3A	1995	85	15.7	67	12.4	17	3.1	309	57.1	63	11.6	541
	1996	67	11.2	94	15.7	8	1.3	409	68.2	22	3.7	600
	1997	100	19.3	71	13.7	5	1.0	331	64.0	10	1.9	517
	1999	55	19.4	42	14.8	5	1.8	168	59.4	13	4.6	283
	2000	48	21.5	24	10.8	8	3.6	135	60.5	8	3.6	223
	2001	54	22.7	23	9.7	1	0.4	155	65.1	5	2.1	238
	2002	56	23.9	15	6.4	9	3.8	149	63.7	5	2.1	234
	2003	52	21.7	3	1.3	3	1.3	180	75.0	2	0.8	240
	2004	59	22.6	8	3.1	2	0.8	188	72.0	4	1.5	261
	2005	47	23.7	6	3.0	2	1.0	142	71.7	1	0.5	198
	2006	57	26.5	6	2.8	3	1.4	147	68.4	2	0.9	215
	All Yrs	680	19.2	359	10.1	63	1.8	2,313	65.2	135	3.8	3,550
3B	1995	23	15.0	21	13.7	8	5.2	57	37.3	44	28.8	153
	1996	37	14.4	25	9.7	5	1.9	184	71.6	6	2.3	257
	1997	43	15.4	33	11.8	4	1.4	199	71.3	0	0.0	279
	1998	16	15.5	11	10.7	4	3.9	63	61.2	9	8.7	103
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	22	25.6	6	7.0	3	3.5	52	60.5	3	3.5	86
	2001	17	18.5	7	7.6	1	1.1	65	70.7	2	2.2	92
	2002	26	31.7	2	2.4	3	3.7	49	59.8	2	2.4	82
	2003	21	24.7	3	3.5	3	3.5	57	67.1	1	1.2	85
	2004	19	26.8	0	0.0	1	1.4	48	67.6	3	4.2	71
	2005	18	27.7	3	4.6	0	0.0	43	66.2	1	1.5	65
	2006	20	27.0	4	5.4	0	0.0	50	67.6	0	0.0	74
	All Yrs	262	19.5	115	8.5	32	2.4	867	64.4	71	5.3	1,347
4A	1995	8	8.7	15	16.3	4	4.3	28	30.4	37	40.2	92
	1996	9	9.8	22	23.9	0	0.0	57	62.0	4	4.3	92
	1997	26	15.0	27	15.6	28	16.2	91	52.6	1	0.6	173
	1998	3	5.2	6	10.3	0	0.0	47	81.0	2	3.4	58
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	7	8.4	10	12.0	1	1.2	62	74.7	3	3.6	83
	2001	6	9.7	8	12.9	5	8.1	42	67.7	1	1.6	62

Table 5-3b continued. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2006

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
4A	2002	12	23.5	6	11.8	1	2.0	30	58.8	2	3.9	51
Cont.	2003	7	13.5	9	17.3	0	0.0	35	67.3	0	0.0	52
	2004	10	18.9	5	9.4	0	0.0	36	67.9	1	1.9	53
	2005	13	19.7	8	12.1	1	1.5	44	66.7	2	3.0	66
	2006	11	23.4	5	10.6	0	0.0	31	66.0	0	0.0	47
	All Yrs	112	13.5	121	14.6	40	4.8	503	60.7	53	6.4	829
4B	1995	0	0.0	3	23.1	1	7.7	6	46.2	3	23.1	13
	1996	2	16.7	0	0.0	1	8.3	8	66.7	1	8.3	12
	1997	5	12.8	10	25.6	1	2.6	23	59.0	0	0.0	39
	1998	1	5.9	4	23.5	0	0.0	12	70.6	0	0.0	17
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	10	21.7	8	17.4	0	0.0	27	58.7	1	2.2	46
	2001	3	9.4	7	21.9	0	0.0	22	68.8	0	0.0	32
	2002	3	18.8	0	6.3	1	6.3	11	68.8	1	6.3	16
	2003	1	3.8	2	7.7	0	0.0	23	88.5	0	0.0	26
	2004	0	0.0	1	7.1	0	0.0	13	92.9	0	0.0	14
	2005	1	8.3	1	8.3	0	0.0	9	75.0	1	8.3	12
	2006	1	8.3	7	58.3	0	0.0	3	25.0	1	8.3	12
	All Yrs	27	11.3	43	18.0	4	1.7	157	65.7	8	3.3	239
4C	1995	0	0.0	1	33.3	0	0.0	0	0.0	2	66.7	3
	1996	3	10.3	0	0.0	1	3.4	23	79.3	2	6.9	29
	1997	2	22.2	3	33.3	1	11.1	3	33.3	0	0.0	9
	1998	0	0.0	2	25.0	0	0.0	5	62.5	1	12.5	8
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2	20.0	1	10.0	0	0.0	6	60.0	1	10.0	10
	2001	3	23.1	1	7.7	0	0.0	9	69.2	0	0.0	13
	2002	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3
	2003	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2
	2004	0	0.0	0	0.0	0	0.0	8	100.0	0	0.0	8
	2005	2	22.2	0	0.0	0	0.0	7	77.8	0	0.0	9
	2006	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1
	All Yrs	12	12.6	10	10.5	2	2.1	65	68.4	6	6.3	95
4D	1995	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	2
	1996	0	0.0	1	16.7	1	16.7	4	66.7	0	0.0	6
	1997	6	27.3	2	9.1	1	4.5	13	59.1	0	0.0	22
	1998	0	0.0	3	23.1	0	0.0	9	69.2	1	7.7	13
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	0	0.0	1	6.3	0	0.0	15	93.8	0	0.0	16
	2001	4	23.5	5	29.4	0	0.0	8	47.1	0	0.0	17
	2002	0	0.0	3	18.8	0	0.0	13	81.3	0	0.0	16
	2003	0	0.0	2	13.3	3	20.0	10	66.7	0	0.0	15
	2004	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3
	2005	1	20.0	2	40.0	0	0.0	2	40.0	0	0.0	5
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	All Yrs	11	9.6	19	16.5	6	5.2	77	67.0	2	1.7	115

Table 5-3b continued. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2006

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
4E	1997	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1
	2003	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2
	All Yrs	1	33.3	0	0.0	0	0.0	2	66.7	0	0.0	3

Note: Table includes only years with data
a) NA indicates data not available

5.4 Use of Broker Services in Permanent QS Transfers

The transfer forms asked whether or not a broker was involved in the transfer. The tables in this section look at broker involvement in permanent transfers of QS. The next section looks at broker involvement in leases. These sections report the proportions of transfers and leases being facilitated by a broker.

Brokers were involved in a large proportion of the permanent transfers. The number of transactions involving brokers grew from 1995 to 1996, but then fell from 1996 to 1997 and fluctuating from 1997 to 2006. Table 5-4a shows that broker involvement started at 44.8% of the transactions in 1995, fluctuating to 53.7% in 2004, and ending at 51.9% in 2006. The table also shows that brokers were involved in the transfers of 47.1% of the QS transferred in 1995, 60.8% of the QS in 2003, and 51.1% in 2006
[45]

Table 5-4b provides information on the use of brokers by management area and year. The table provides data on the amount and percentage of QS transferred with the help of a broker. The table also provides data on the number of QS transfers involving a broker and the percentage those transfers represent of all QS transfers. Table 5-4c provides similar information on the use of brokers over all areas by vessel category and year.

Table 5-4b shows that brokers were heavily used in all areas. In 68 of the 81 area-year combinations, over 40% of the transactions involved brokers. In 29 of 81 area-year combinations, brokers were used in at least half of the transactions. Table 5-4c likewise shows that brokers were widely used in transfers for each vessel class. In 38 of the 48 vessel class-year combinations brokers were used in over 40% of the transactions. In eight combinations they were used in over half of the transactions. The use of brokers appears to be smallest in the "less than 35" foot catcher vessel class. Perhaps because the fleet is comprised of smaller vessels in 2C, 3A and 3B area, in which a significant proportion of transfers were made within families. (table 5-3A)

[45] In Tables 5-4a and 5-4c, broker usage rates are calculated over all halibut areas. Note that while these rates are calculated over all halibut areas, the QS for different areas are not equivalent with respect to current year IFQ associated with the QS. Therefore, rates calculated across areas in current – year IFQ equivalents would be different then the rates shown here.

Table 5-4a. Use of Brokers in Halibut QS Transfers, by Year

Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions	Total Annual Transactions Per year	Percent of Annual Transactions
1995	No	25,814,841	48,759,092	52.9	695	1,259	55.2
	Yes	22,944,251	48,759,092	47.1	564	1,259	44.8
1996	No	16,697,697	46,728,209	35.7	715	1,472	48.6
	Yes	30,030,512	46,728,209	64.3	757	1,472	51.4
1997	No	15,320,317	38,473,505	39.8	698	1,407	49.6
	Yes	23,153,188	38,473,505	60.2	709	1,407	50.4
1998	No	9,794,778	20,077,127	48.8	365	697	52.4
	Yes	10,282,349	20,077,127	51.2	332	697	47.6
1999	No	16,017,287	31,805,962	50.4	403	817	49.3
	Yes	15,788,675	31,805,962	49.6	414	817	50.7
2000	No	14,498,314	30,079,420	48.2	361	672	53.7
	Yes	15,581,106	30,079,420	51.8	311	672	46.3
2001	No	11,541,943	26,650,293	43.3	348	647	53.8
	Yes	15,108,350	26,650,293	56.7	299	647	46.2
2002	No	11,420,823	22,777,956	50.1	311	584	53.3
	Yes	11,357,133	22,777,956	49.9	273	584	46.7
2003	No	11,471,649	29,240,130	39.2	331	626	52.9
	Yes	17,768,481	29,240,130	60.8	295	626	47.1
2004	No	10,259,174	22,852,166	44.9	275	594	46.3
	Yes	12,592,992	22,852,166	55.1	319	594	53.7
2005	No	10,438,312	20,656,168	50.5	256	517	49.5
	Yes	10,217,856	20,656,168	49.5	261	517	50.5
2006	No	9,507,863	19,440,708	48.9	241	501	48.1
	Yes	9,932,845	19,440,708	51.1	260	501	51.9

Broker usage rates are calculated over all halibut areas. However, the QS for different areas are not equivalent with respect to current year IFQ associated with the QS. Therefore, rates calculated across areas in current-year IFQ equivalents would be different than the rates shown here.

Table 5-4b. Use of Brokers in Halibut QS Transfers, by Area and Year

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
2C	1995	No	5,472,639	10,488,537	52.2	244	455	53.6
		Yes	5,015,898	10,488,537	47.8	211	455	46.4
	1996	No	4,000,864	8,970,321	44.6	244	476	51.3
		Yes	4,969,457	8,970,321	55.4	232	476	48.7
	1997	No	1,975,338	5,952,264	33.2	184	367	50.1
		Yes	3,976,926	5,952,264	66.8	183	367	49.9
	1998	No	1,433,522	3,602,291	39.8	106	215	49.3
		Yes	2,168,769	3,602,291	60.2	109	215	50.7
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	2,760,040	6,293,229	43.9	106	199	53.3
		Yes	3,533,189	6,293,229	56.1	93	199	46.7
	2001	No	2,398,706	5,011,728	47.9	105	187	56.1
		Yes	2,613,022	5,011,728	52.1	82	187	43.9
	2002	No	2,435,257	4,983,251	48.9	87	166	52.4
		Yes	2,547,994	4,983,251	51.1	79	166	47.6
	2003	No	2,941,102	4,858,727	60.5	113	189	59.8
		Yes	1,917,625	4,858,727	39.5	76	189	40.2
	2004	No	1,995,418	4,419,506	45.2	86	180	47.8
		Yes	2,424,088	4,419,506	54.8	94	180	52.2
	2005	No	2,730,042	4,910,190	55.6	74	157	47.1
		Yes	2,180,148	4,910,190	44.4	83	157	52.9
	2006	No	2,533,746	3,939,219	64.3	88	155	56.8
		Yes	1,405,473	3,939,219	35.7	67	155	43.2
3A	1995	No	14,769,718	28,557,489	51.7	305	541	56.4
		Yes	13,787,771	28,557,489	48.3	236	541	43.6
	1996	No	8,546,517	26,626,791	32.1	282	600	47.0
		Yes	18,080,274	26,626,791	67.9	318	600	53.0
	1997	No	7,571,519	18,560,798	40.8	272	517	52.6
		Yes	10,989,279	18,560,798	59.2	245	517	47.4
	1998	No	5,593,162	11,374,984	49.2	152	283	53.7
		Yes	5,781,822	11,374,984	50.8	131	283	46.3
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	7,002,308	14,104,337	49.6	119	228	52.2
		Yes	7,102,029	14,104,337	50.4	109	228	47.8
	2001	No	5,195,619	12,824,496	40.5	118	239	49.4
		Yes	7,628,877	12,824,496	59.5	121	239	50.6
	2002	No	5,430,223	13,014,661	41.7	127	246	51.6
		Yes	7,584,438	13,014,661	58.3	119	246	48.4
	2003	No	4,806,984	10,957,094	43.9	124	251	49.4
		Yes	6,150,110	10,957,094	56.1	127	251	50.6
	2004	No	5,245,321	11,069,057	47.4	129	262	49.2
		Yes	5,823,736	11,069,057	52.6	133	262	50.8
	2005	No	3,418,566	7,631,332	44.8	90	200	45.0
		Yes	4,212,766	7,631,332	55.2	110	200	55.0
	2006	No	4,173,332	9,386,115	44.5	88	217	40.6
		Yes	5,212,783	9,386,115	55.5	129	217	59.4
3B	1995	No	4,043,580	7,332,140	55.1	85	153	55.6
		Yes	3,288,560	7,332,140	44.9	68	153	44.4
	1996	No	2,598,515	7,576,146	34.3	107	257	41.6
		Yes	4,977,631	7,576,146	65.7	150	257	58.4
	1997	No	3,229,380	7,184,384	44.9	128	279	45.9
		Yes	3,955,004	7,184,384	55.1	151	279	54.1
	1998	No	1,889,617	3,077,361	61.4	60	103	58.3
		Yes	1,187,744	3,077,361	38.6	43	103	41.7
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	2,140,010	3,939,314	54.3	50	87	57.5
		Yes	1,799,304	3,939,314	45.7	37	87	42.5
	2001	No	1,650,255	4,297,555	38.4	41	94	43.6
		Yes	2,647,300	4,297,555	61.6	53	94	56.4

Table 5-4b continued. Use of Brokers in Halibut QS Transfers, by Area and Year

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
3B Cont.	2002	No	1,805,917	3,871,231	46.6	36	83	43.4
		Yes	2,065,314	3,871,231	53.4	47	83	56.6
	2003	No	1,921,781	5,052,225	38.0	41	89	46.1
		Yes	3,130,444	5,052,225	62.0	48	89	53.9
	2004	No	1,381,958	3,182,009	43.4	27	74	36.5
		Yes	1,800,051	3,182,009	56.6	47	74	63.5
	2005	No	2,016,810	4,125,444	48.9	36	65	55.4
		Yes	2,108,634	4,125,444	51.1	29	65	44.6
	2006	No	2,104,923	3,812,790	55.2	38	75	50.7
		Yes	1,707,867	3,812,790	44.8	37	75	49.3
4A	1995	No	1,056,211	1,757,035	60.1	48	92	52.2
		Yes	700,824	1,757,035	39.9	44	92	47.8
	1996	No	805,860	2,069,893	38.9	46	92	50.0
		Yes	1,264,033	2,069,893	61.1	46	92	50.0
	1997	No	1,210,001	3,444,152	35.1	83	173	48.0
		Yes	2,234,151	3,444,152	64.9	90	173	52.0
	1998	No	613,009	905,843	67.7	37	58	63.8
		Yes	292,834	905,843	32.3	21	58	36.2
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	1,360,173	2,865,572	47.5	49	84	58.3
		Yes	1,505,399	2,865,572	52.5	35	84	41.7
	2001	No	921,531	1,613,476	57.1	45	63	71.4
		Yes	691,945	1,613,476	42.9	18	63	28.6
	2002	No	831,078	1,785,424	46.5	36	53	67.9
		Yes	954,346	1,785,424	53.5	17	53	32.1
	2003	No	851,135	1,497,414	56.8	32	51	62.7
		Yes	646,279	1,497,414	43.2	19	51	37.3
	2004	No	959,922	2,187,984	43.9	27	52	51.9
		Yes	1,228,062	2,187,984	56.1	25	52	48.1
	2005	No	1,194,627	2,710,554	44.1	35	69	50.7
		Yes	1,515,927	2,710,554	55.9	34	69	49.3
	2006	No	439,089	1,877,975	23.4	22	47	46.8
		Yes	1,438,886	1,877,975	76.6	25	47	53.2
4B	1995	No	276,676	408,998	67.6	9	13	69.2
		Yes	132,322	408,998	32.4	4	13	30.8
	1996	No	75,418	432,444	17.4	6	12	50.0
		Yes	357,026	432,444	82.6	6	12	50.0
	1997	No	980,027	1,799,544	54.5	20	39	51.3
		Yes	819,517	1,799,544	45.5	19	39	48.7
	1998	No	20,615	579,841	3.6	2	17	11.8
		Yes	559,226	579,841	96.4	15	17	88.2
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	894,217	1,914,907	46.7	26	48	54.2
		Yes	1,020,690	1,914,907	53.3	22	48	45.8
	2001	No	539,239	1,344,646	40.1	22	33	66.7
		Yes	805,407	1,344,646	59.9	11	33	33.3
	2002	No	325,891	673,761	48.4	11	16	68.8
		Yes	347,870	673,761	51.6	5	16	31.3
	2003	No	447,304	1,388,207	32.2	10	27	37.0
		Yes	940,903	1,388,207	67.8	17	27	63.0
	2004	No	343,286	1,286,251	26.7	4	15	26.7
		Yes	942,965	1,286,251	73.3	11	15	73.3
	2005	No	623,100	750,014	83.1	9	12	75.0
		Yes	126,914	750,014	16.9	3	12	25.0
	2006	No	311,509	547,715	56.9	9	11	81.8
		Yes	236,206	547,715	43.1	2	11	18.2
4C	1995	No	86,454	105,330	82.1	2	3	66.7
		Yes	18,876	105,330	17.9	1	3	33.3
	1996	No	614,446	614,446	100.0	29	29	100.0
		Yes	0	614,446	0.0	0	29	0.0

Table 5-4b continued. Use of Brokers in Halibut QS Transfers, by Area and Year

Area	Year	Was a Broker Used?	QS Transferred With Broker?	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
Cont	1997	No	77,855	380,063	20.5	3	9	33.3
		Yes	302,208	380,063	79.5	6	9	66.7
	1998	No	76,415	213,635	35.8	3	8	37.5
		Yes	137,220	213,635	64.2	5	8	62.5
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	157,123	222,741	70.5	7	10	70.0
		Yes	65,618	222,741	29.5	3	10	30.0
	2001	No	307,040	720,578	42.6	5	14	35.7
		Yes	413,538	720,578	57.4	9	14	64.3
	2003	No	196,545	463,048	42.4	3	5	60.0
		Yes	266,503	463,048	57.6	2	5	40.0
	2004	No	138,495	379,272	36.5	1	8	12.5
		Yes	240,777	379,272	63.5	7	8	87.5
	2005	No	350,009	423,476	82.7	7	9	77.8
		Yes	73,467	423,476	17.3	2	9	22.2
	2006	No	0	32,196	0.0	0	1	0.0
		Yes	32,196	32,196	100.0	1	1	100.0
4D	1995	No	109,563	109,563	100.0	2	2	100.0
		Yes	0	109,563	0.0	0	2	0.0
	1996	No	56,077	438,168	12.8	1	6	16.7
		Yes	382,091	438,168	87.2	5	6	83.3
	1997	No	274,341	1,150,444	23.8	7	22	31.8
		Yes	876,103	1,150,444	76.2	15	22	68.2
	1998	No	168,438	323,172	52.1	5	13	38.5
		Yes	154,734	323,172	47.9	8	13	61.5
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	184,443	739,320	24.9	4	16	25.0
		Yes	554,877	739,320	75.1	12	16	75.0
	2001	No	529,553	837,814	63.2	12	17	70.6
		Yes	308,261	837,814	36.8	5	17	29.4
	2002	No	592,457	952,345	62.2	13	19	68.4
		Yes	359,888	952,345	37.8	6	19	31.6
	2003	No	306,100	603,474	50.7	6	12	50.0
		Yes	297,374	603,474	49.3	6	12	50.0
	2004	No	194,774	328,087	59.4	1	3	33.3
		Yes	133,313	328,087	40.6	2	3	66.7
	2005	No	105,158	105,158	100.0	0	5	100.0
		Yes	0	105,158	0.0	5	5	0.0
4E	1997	No	1,856	1,856	100.0	1	1	100.0
		Yes	0	1,856	0	0	1	0.0
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2003	No	698	698	100.0	2	2	100.0
		Yes	0	698	0.0	0	2	0.0

Note: Table includes only years with data
a) NA indicates data not available

Table 5-4c. Use of Brokers in Halibut QS Transfers, By Vessel Category and Year

Vessel Category	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker	Total Annual Transactions	Percent of Annual Transactions
Freezer	1995	No	328,232	424,580	77.3	8	10	80.0
		Yes	96,348	424,580	22.7	2	10	20.0
	1996	No	384,920	911,984	42.2	11	27	40.7
		Yes	527,064	911,984	57.8	16	27	59.3
	1997	No	103,621	893,749	11.6	2	23	8.7
		Yes	790,128	893,749	88.4	21	23	91.3
	1998	No	74,652	670,631	11.1	5	9	55.6
		Yes	595,979	670,631	88.9	4	9	44.4
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	296,679	587,125	50.5	9	15	60.0
		Yes	290,446	587,125	49.5	6	15	40.0
	2001	No	5,387	776,428	0.7	5	11	45.5
		Yes	771,041	776,428	99.3	6	11	54.5
	2002	No	1,392	234,488	0.6	1	4	25.0
		Yes	233,096	234,488	99.4	3	4	75.0
	2003	No	370,542	432,343	85.7	6	8	75.0
		Yes	61,801	432,343	14.3	2	8	25.0
	2004	No	99,746	195,918	50.9	3	6	50.0
		Yes	96,172	195,918	49.1	3	6	50.0
	2005	No	71,788	166,301	43.2	1	4	25.0
		Yes	94,513	166,301	56.8	3	4	75.0
	2006	No	314,731	323,137	97.4	4	6	66.7
		Yes	8,406	323,137	2.6	2	6	33.3
GT 60 ft	1995	No	8,002,006	15,403,625	51.9	91	216	42.1
		Yes	7,401,619	15,403,625	48.1	125	216	57.9
	1996	No	2,962,358	12,090,443	24.5	70	270	25.9
		Yes	9,128,085	12,090,443	75.5	200	270	74.1
	1997	No	5,825,027	14,296,309	40.7	110	258	42.6
		Yes	8,471,282	14,296,309	59.3	148	258	57.4
	1998	No	1,863,900	4,051,429	46.0	68	144	47.2
		Yes	2,187,529	4,051,429	54.0	76	144	52.8
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	5,739,565	11,488,648	50.0	86	167	51.5
		Yes	5,749,083	11,488,648	50.0	81	167	48.5
	2001	No	4,641,952	10,596,920	43.8	72	154	46.8
		Yes	5,954,968	10,596,920	56.2	82	154	53.2
	2002	No	3,894,391	9,064,163	43.0	70	130	53.8
		Yes	5,169,772	9,064,163	57.0	60	130	46.2
	2003	No	3,097,053	8,503,245	36.4	52	120	43.3
		Yes	5,406,192	8,503,245	63.6	68	120	56.7
	2004	No	2,272,429	5,844,333	38.9	33	92	35.9
		Yes	3,571,904	5,844,333	61.1	59	92	64.1
	2005	No	4,078,686	12,058,677	33.8	27	76	35.5
		Yes	7,979,991	12,058,677	66.2	49	76	64.5
	2006	No	4,153,982	6,603,820	62.9	20	40	50.0
		Yes	2,449,838	6,603,820	37.1	20	40	50.0
36 to 60 ft	1995	No	14,381,437	27,319,289	52.6	379	686	55.2
		Yes	12,937,852	27,319,289	47.4	307	686	44.8
	1996	No	9,887,229	27,428,451	36.0	366	785	46.6
		Yes	17,541,222	27,428,451	64.0	419	785	53.4
	1997	No	7,877,632	19,608,767	40.2	358	750	47.7
		Yes	11,731,135	19,608,767	59.8	392	750	52.3
	1998	No	6,237,537	12,116,789	51.5	195	374	52.1
		Yes	5,879,252	12,116,789	48.5	179	374	47.9
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	7,242,112	15,523,839	46.7	175	339	51.6
		Yes	8,281,727	15,523,839	53.3	164	339	48.4
	2001	No	5,747,561	8,329,794	69.0	176	346	50.9
		Yes	2,582,233	8,329,794	31.0	170	346	49.1
36 to 60 ft	2002	No	5,989,144	12,807,039	46.8	154	306	50.3

Vessel Category	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker	Total Annual Transactions	Percent of Annual Transactions
Cont.		Yes	6,817,895	12,807,039	53.2	152	306	49.7
	2003	No	6,331,127	14,748,625	42.9	171	392	43.6
		Yes	8,417,498	14,748,625	57.1	221	392	56.4
	2004	No	6,894,125	14,297,255	48.2	136	321	42.4
		Yes	7,403,130	14,297,255	51.8	185	321	57.6
	2005	No	2,209,823	8,475,600	26.1	55	140	39.3
		Yes	6,265,777	8,475,600	73.9	85	140	60.7
	2006	No	2,316,113	6,545,521	35.4	41	105	39.0
		Yes	4,229,408	6,545,521	64.6	64	105	61.0
LT 35 ft	1995	No	3,103,166	5,611,598	55.3	217	347	62.5
		Yes	2,508,432	5,611,598	44.7	130	347	37.5
	1996	No	3,463,190	6,297,331	55.0	268	390	68.7
		Yes	2,834,141	6,297,331	45.0	122	390	31.3
	1997	No	1,514,037	3,674,680	41.2	228	376	60.6
		Yes	2,160,643	3,674,680	58.8	148	376	39.4
	1998	No	1,618,689	3,238,278	50.0	97	170	57.1
		Yes	1,619,589	3,238,278	50.0	73	170	42.9
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	1,219,958	2,479,808	49.2	91	151	60.3
		Yes	1,259,850	2,479,808	50.8	60	151	39.7
	2001	No	1,147,043	1,957,493	58.6	95	136	69.9
		Yes	810,450	1,957,493	41.4	41	136	30.1
	2002	No	1,535,896	3,174,983	48.4	85	143	59.4
		Yes	1,639,087	3,174,983	51.6	58	143	40.6
	2003	No	1,672,927	3,042,295	55.0	102	170	60.0
		Yes	1,369,368	3,042,295	45.0	68	170	40.0
	2004	No	992,874	2,514,660	39.5	103	175	58.9
		Yes	1,521,786	2,514,660	60.5	72	175	41.1
	2005	No	839,011	2,274,703	36.9	60	128	46.9
		Yes	1,435,692	2,274,703	63.1	68	128	53.1
	2006	No	860,423	1,484,702	58.0	67	112	59.8
		Yes	624,279	1,484,702	42.0	45	112	40.2

NA indicates data not available

5.5 Use of Broker Services in Lease Transfers

The tables in this section show the extent to which brokers were involved in leases of QS during the first twelve years of the program. Table 5-5a looks at overall broker involvement by year, and Table 5-5b looks at broker involvement by year and management area.

Brokers were involved in significant proportions of QS leases in each year and use of Brokers decreased sharply and remained low from 2000 on. Broker use fell from 22.6% of the transactions in 1995 to 6.1% in 2000, and then rose to 18.8% in 2004 and fell to 2.5% in 2006. They were involved in the leases of 33.1% of the QS in 1995 but only 11.1 % in 2006. In each year the proportions of QS leased with broker assistance were smaller than the proportions of QS transferred permanently with broker assistance.[50]

Table 5-5b shows how broker involvement in leases varied across management areas. A comparison with Table 5-4b shows that while the trend were the same the proportions of QS leased with broker assistance were generally smaller than the proportions of QS transferred with broker assistance.

Table 5-5a. Use of Brokers in Halibut QS Leases, By Year

Year	Was a Broker Used?	QS Leased With Broker	Total Annual QS Leased	Percent of Annual QS Leased	Number of Leases With Broker	Total Annual Leases	Percent of Annual Leases
1995	No	1,683,341	2,516,123	66.9	24	31	77.4
	Yes	832,782	2,516,123	33.1	7	31	22.6
1996	No	2,266,843	3,068,724	73.9	55	61	90.2
	Yes	801,881	3,068,724	26.1	6	61	9.8
1997	No	2,013,408	2,765,233	72.8	42	52	80.8
	Yes	751,825	2,765,233	27.2	10	52	19.2
1998	No	2,129,820	2,988,080	71.3	32	43	74.4
	Yes	858,260	2,988,080	28.7	11	43	25.6
1999	No	NA	NA	NA	NA	NA	NA
	Yes						
2000	No	2,667,570	3,303,102	80.8	46	49	93.9
	Yes	635,532	3,303,102	19.2	3	49	6.1
2001	No	3,977,029	4,431,229	89.8	44	48	91.7
	Yes	454,200	4,431,229	10.2	4	48	8.3
2002	No	3,633,838	3,930,614	92.4	47	51	92.2
	Yes	296,776	3,930,614	7.6	4	51	7.8
2003	No	3,470,740	4,019,749	86.3	36	39	92.3
	Yes	549,009	4,019,749	13.7	3	39	7.7
2004	No	2,968,792	3,267,443	90.9	26	32	81.3
	Yes	298,651	3,267,443	9.1	6	32	18.8
2005	No	3,602,135	3,716,292	96.9	41	42	97.6
	Yes	114,157	3,716,292	3.1	1	42	2.4
2006	No	2,651,190	2,982,188	88.9	39	40	97.5
	Yes	330,998	2,982,188	11.1	1	40	2.5

Note: QS were added across management areas to prepare this table. Since the pounds of IFQ per QS unit can vary across management areas and between years, the QS lease percentages reported in this table may be different from the IFQ equivalent percentages.
a) NA indicates data not available

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Table 5-5b. Use of Brokers in Halibut QS Leases, by Area and Year

Area	Year	Was a Broker Used?	QS Leased with Broker	Total Annual QS Leased	Percent of Annual QS Leased	Number of Leases	Total Annual Leases	Percent of Annual Leases
2C	1995	No	98,277	170,260	57.7	5	7	71.4
		Yes	71,983	170,260	42.3	2	7	28.6
	1996	No	268,393	268,393	100	12	12	100.0
		Yes	0	268,393	0.0	0	12	0.0
	1997	No	422,898	425,965	99.3	14	15	93.3
		Yes	3,067	425,965	0.7	1	15	6.7
	1998	No	458,294	518,925	88.3	12	14	85.7
		Yes	60,631	518,925	11.7	2	14	14.3
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	679,071	679,071	100.0	19	19	100.0
		Yes	0	679,071	0.0	0	19	0.0
	2001	No	855,697	855,697	100.0	21	21	100.0
		Yes	0	855,697	0.0	0	21	0.0
	2002	No	786,450	844,015	93.2	22	23	95.7
		Yes	57,565	844,015	6.8	1	23	4.3
	2003	No	453,788	509,705	89.0	12	13	92.3
		Yes	55,917	509,705	11.0	1	13	7.7
	2004	No	522,400	579,966	90.1	10	11	90.9
		Yes	57,566	579,966	9.9	1	11	9.1
	2005	No	757,893	757,893	100.0	19	19	100.0
		Yes	0	757,893	0.0	0	19	0.0
	2006	No	664,214	704,506	94.3	14	15	93.3
		Yes	40,292	704,506	5.7	1	15	6.7
3A	1995	No	831,663	1,401,793	59.3	10	12	83.3
		Yes	570,130	1,401,793	40.7	2	12	16.7
	1996	No	1,312,093	1,892,265	69.3	22	25	88.0
		Yes	580,172	1,892,265	30.7	3	25	12.0
	1997	No	757,094	1,365,302	55.5	15	20	75.0
		Yes	608,208	1,365,302	44.5	5	20	25.0
	1998	No	982,669	1,513,511	64.9	11	14	78.6
		Yes	530,842	1,513,511	35.1	3	14	21.4
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	1,024,150	1,545,521	66.3	14	16	87.5
		Yes	521,371	1,545,521	33.7	2	16	12.5
	2001	No	2,201,271	2,554,579	86.2	13	14	92.9
		Yes	353,308	2,554,579	13.8	1	14	7.1
	2002	No	2,390,995	2,509,525	95.3	17	18	94.4
		Yes	118,530	2,509,525	4.7	1	18	5.6
	2003	No	2,413,603	2,906,695	83.0	13	15	86.7
		Yes	493,092	2,906,695	17.0	2	15	13.3
	2004	No	1,662,882	2,345,132	70.9	9	13	69.2
		Yes	682,250	2,345,132	29.1	4	13	30.8
	2005	No	2,059,648	2,059,648	100.0	11	11	100.0
		Yes	0	2,059,648	0.0	0	11	0.0
	2006	No	833,325	1,346,531	61.9	7	9	77.8
		Yes	513,206	1,346,531	38.1	2	9	22.2
3B	1995	No	349,948	491,569	71.2	3	5	60.0
		Yes	141,621	491,569	28.8	2	5	40.0
	1996	No	574,662	744,933	77.1	12	14	85.7
		Yes	170,271	744,933	22.9	2	14	14.3
	1997	No	322,302	439,227	73.4	7	9	77.8
		Yes	116,925	439,227	26.6	2	9	22.2
	1998	No	383,610	500,535	76.6	5	7	71.4
		Yes	116,925	500,535	23.4	2	7	28.6
	1999	No	NA	NA	NA	NA	NA	NA
	2000	No	586,472	700,633	83.7	6	7	85.7
		Yes	114,161	700,633	16.3	1	7	14.3
	2001	No	646,256	646,256	100.0	7	7	100.0

Table 5-5b cont. Use of Brokers in Halibut QS Leases, by Area and Year

Area	Year	Was a Broker Used?	QS Leased with Broker	Total Annual QS Leased	Percent of Annual QS Leased	Number of Leases	Total Annual Leases	Percent of Annual Leases
3B		Yes	0	646,256	0.0	0	7	0.0
Cont.	2002	No	317,262	386,502	82.1	4	5	80.0
		Yes	69,240	386,502	17.9	1	5	20.0
	2003	No	479,041	479,041	100.0	8	8	100.0
		Yes	0	479,041	0.0	0	8	0.0
	2004	No	630,424	744,585	84.7	5	6	83.3
		Yes	114,161	744,585	15.3	1	6	16.7
	2005	No	634,970	749,127	84.8	7	8	87.5
		Yes	114,157	749,127	15.2	1	8	12.5
	2006	No	1,028,050	1,028,050	100.0	15	15	100.0
		Yes	0	1,028,050	0.0	0	15	0.0
4A	1995	No	228,184	228,184	100	4	4	100.0
		Yes	0	228,184	0	0	4	0.0
	1996	No	111,695	163,133	68.5	9	10	90.0
		Yes	51,438	163,133	31.5	1	10	10.0
	1997	No	143,644	144,378	99.5	3	4	75.0
		Yes	734	144,378	0.5	1	4	25.0
	1998	No	92,203	186,537	49.4	2	5	40.0
		Yes	94,334	186,537	50.6	3	5	60.0
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	109,728	109,728	100.0	4	4	100.0
		Yes	0	109,728	0.0	0	4	0.0
	2001	No	51,441	152,332	33.8	1	4	25.0
		Yes	100,891	152,332	66.2	3	4	75.0
	2002	No	92,201	143,642	64.2	3	4	75.0
		Yes	51,441	143,642	35.8	1	4	25.0
	2003	No	77,907	77,907	100.0	2	2	100.0
		Yes	0	77,907	0.0	0	2	0.0
	2004	No	153,086	182,193	84.0	2	3	66.7
		Yes	29,107	182,193	16.0	1	3	33.3
	2005	No	106,214	106,214	100.0	3	3	100.0
		Yes	0	106,214	0.0	0	3	0.0
	2006	No	78,066	78,066	100.0	2	2	100.0
		Yes	0	78,066	0.0	0	2	0.0
4B	1995	No	175,269	224,317	78.1	2	3	66.7
		Yes	49,048	224,317	21.9	1	3	33.3
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	93,319	93,319	100.0	2	2	100.0
		Yes	0	93,319	0.0	0	2	0.0
	2001	No	47,534	47,534	100.0	1	1	100.0
		Yes	0	47,534	0.0	0	1	0.0
	2002	No	46,930	46,930	100.0	1	1	100.0
		Yes	0	46,930	0.0	0	1	0.0
	2003	No	46,401	46,401	100.0	1	1	100.0
		Yes	0	46,401	0.0	0	1	0.0
	2005	No	43,410	43,410	100.0	1	1	100.0
		Yes	0	43,410	0.0	0	1	0.0
	2006	No	47,536	47,536	100.0	1	1	100.0
		Yes	0	47536	0.0	0	1	0.0
4C	2000	No	174,831	174,831	100.0	1	1	100.0
		Yes	0	174,831	0.0	0	1	0.0
	2001	No	174,831	174,831	100.0	1	1	100.0
		Yes	0	174,831	0.0	0	1	0.0
4D	1997	No	367,470	390,361	94.1	3	4	75.0
		Yes	22,891	390,361	5.9	1	4	25.0
	1998	No	213,044	268,572	79.3	2	3	66.7
		Yes	55,528	268,572	20.7	1	3	33.3

Note: Table includes only years with data
a) NA indicates data not available

6 Halibut, "Sweep-ups" of Small QS Blocks

The halibut IFQ program rules created nonseverable "blocks" of QS. Blocks cannot be broken up when they are transferred; all the QS in a block has to be sold or passed on to another person as a single unit. Persons received their QS in a block at initial allocation if their QS resulted in less than 20,000 pounds of halibut IFQ, given 1994 TACs.[46]

Under the blocking rules, a person could hold a maximum of two blocks in an IFQ area, and a person with two blocks could not hold any unblocked QS.[47] However, the regulations also allow persons to combine, or "sweep-up," two or more blocks into a single block in effect through 2006 if their combined total was equivalent to less than 3,000 pounds of a hypothetical halibut IFQ.[48]

The sweep-up provisions were added because many of the issued QS blocks were very small and in some cases probably too small to make a fishing trip worthwhile.

Originally, the sweep-up limit was set at 1,000 pounds of a hypothetical IFQ. In April 1996 the NPFMC amended the IFQ program rules to increase the sweep-up limit to 3,000 pounds. This amendment became effective in December 1996 and therefore did not have a substantial effect on 1995 and 1996 sweep-up transactions. In late 2007 the halibut sweep up level was increased to 5,000 lbs equivalents in area 2C and 3A using 2004 harvest figures.[49] The tables in this section reflect only the rules for sweep-ups in effect through 2006.

6.1 Changes in Sweepable QS Blocks

Table 6-1 provides data on the number of persons holding sweepable QS blocks, the number of sweepable QS blocks, and the total amount of sweepable QS in an area. Data are shown for both initial issuance and year-end 2006.

Administrative or legal QS revocations are the only actions that should reduce the amount of sweepable QS in an area after initial issuance. However, administrative errors appear to have been recorded in the RAM database. These errors have resulted in changes to the amount of sweepable QS that cannot be explained by revocations. Some of the other changes in the database are the result of NMFS-RAM applying corrections during 1996 and 1998 so that QS units formerly issued as unblocked became blocked.

[46] See 50 CFR 679..40(a). The 20,000 pounds is actually a hypothetical IFQ based on 1994 TACs and the amount of QS in the QS pool on October 17, 1994. The halibut QS equivalent calculated for this blocking limit is worth different annual amounts of IFQ as TACs and the QS pool change.
[47] A final rule (72 FR 44795, August 9, 2007 changed the halibut block units to three blocks, or unblocked plus one block of QS; and caused NMFS to split blocks in Areas 3B and 4C into one 20,0000 block plus unblocked QS, if the original block exceeds 20,000 lbs using 2004 harvest figures.
[48] This regulation is incorporated into 50 CFR 679.41(e)(3). The 3,000 pounds of hypothetical IFQ was based upon each area's 1996 TACs and QS pool as of January 31, 1996. The regulation translates the rule into a specific amount of QS units for each halibut area.
[49] 72 FR 44795, August 9, 2007

Although the amount of sweepable QS should not change significantly after initial issuance, the number of sweepable blocks should decrease as they are combined, or swept-up, into a smaller number of larger blocks. Table 6-1 indicates there were substantial numbers of persons holding sweepable QS blocks at both initial issuance and year-end 2006. This was particularly true in Areas 2C, 3A, and 3B. The number of persons holding sweepable QS blocks and the number of sweepable blocks have each declined since initial issuance, particularly in the non-CDQ areas. In the non-CDQ areas, the percentage decrease in number of persons who held sweepable QS ranged from a 39.4% decline in Area 2C to a 53.4% decline in Area 3B. The smallest percentage decrease occurred in area 4B (25%).

6.2 Sweep-up Transactions

Table 6-2 provides summary information on the Block sweep-up transactions by area and year. The table shows the total number of transfers and the unique number of transferors and transfer recipients. The table also indicates the amount of QS in the transfers and pounds of halibut IFQ represented by the average number of QS units transferred.

An oddity of the RAM database is that persons must first hold QS before they can execute a sweep-up transaction. Therefore, if a person holds no QS but purchases and sweeps-up one or more blocks, the first transaction is recorded as a "transfer" and not a "sweep-up." Subsequent transactions associated with the entire sweep-up are entered individually as sweep-up transactions. Therefore, for some persons, the data in Table 6-2 do not show the transfer of the first block involved in the sweep-up. If a person already held a block of sweepable QS, then the purchase of additional blocks to combine in the sweep-up would be recorded as sweep-up transactions. A person holding two sweepable blocks may be allowed to sweep those together; this is referred to as a "Self Sweep."

Many more sweep-up transactions occurred in 1997 and 1998 than in either 1995 or 1996. The total number of transfers, the total amount of QS involved in the transfers, and the average amounts of QS transferred and received are all much higher after 1996. This was likely related to the higher sweep-up limits set by the Council that went into effect in December 1996.

Table 6-2 also indicates that in 1995 and 1996 the number of buyers was similar to the number of sellers in each area and year, indicating most sweep-up transactions involved a sweep-up of only one or two blocks. However, in 1997 the number of transfer recipients is considerably less than the number of transferors, indicating that individuals were sweeping up more QS blocks. Again, this was likely related to the higher sweep-up limits that went into effect in late 1996.

A comparison with Table 6-1 shows that the total amount of sweepable QS involved in these transactions was quite small relative to the amount of sweepable QS in each area with the exception of 1997 when again the increase was likely related to the higher sweep up levels.

6.3 Sweepable QS Relative to Total QS

Table 6-3 shows the total amount of QS in each area at the end of 2006 and compares it to the year-end 2006 amounts of blocked QS and sweepable blocked QS. Similarly, it also compares the year-end 2006 total number of QS holders to the number of persons who held blocked QS and the number who held sweepable blocked QS.

Tables 6-3 also indicates the percentage of QS that was blocked at year-end 2006 was relatively high in each area, ranging from 41.4% in Area 4B to 100% in Area 4E. More than half the QS was blocked in Areas 2C, 3B, 4A, and 4C. The percentages of persons who held blocked QS at year-end 2006 were also high reaching and were over 75% for all areas except Area 4A, where 62.7% of the total QS holders held blocked QS.

In contrast to blocked QS, the percentage of total QS that was sweepable at year-end 2006 was relatively small, ranging from 3.6% of the total QS in Area 4B to 16.1% in Area 3B. Although sweepable QS may have represented a fairly small percentage of each area's total QS pool, a considerable number of persons held sweepable QS. For example, 59.9% of the total QS holders in Area 3A held sweepable QS at the end of 2006, yet their sweepable holdings represented only 7.5% of the total QS pool in that area. More than half of the QS holders in Areas 2C, 3A, 3B, and 4C held sweepable QS.

6.4 Summary

The Council provided a sweep-up provision for small blocks of halibut QS because many of the blocks initially issued under the IFQ program were too small and not worthwhile to fish. It was hoped that the sweep-up provision would allow such blocks to be combined into fishable blocks of QS. Sweepable QS blocks represent a relatively small portion of the total QS in each area, but a relatively large percentage of the persons in each area hold them.

In December 1996 a revised sweep-up limit became effective, raising the sweep-up limit from 1,000 pounds to 3,000 pounds of a hypothetical halibut IFQ. Relatively few sweep-up transactions occurred in 1995 and 1996, but in 1997 the number of transactions increased dramatically. In 1997 this increase occurred in all areas with period year sweeps-up and was likely related to the new sweep-up limit.

Table 6-1. Persons Holding Sweepable Halibut QS Blocks, Number of Sweepable Blocks, and Total Sweepable QS Holdings At Initial Issue and Year-end 2006

Area	Initial Persons Holding Sweepable QS	2006 Persons Holding Sweepable QS	Change in Persons Holding Sweepable QS	Initial Number of Sweepable Blocks	2006 Number of Sweepable Blocks	Change in Sweepable Blocks	Initial Amount of Sweepable QS	2006 Amount of Sweepable QS	Change in Sweepable QS
2C	1,269	769	-500	1,282	1,223	-59	8,268,342	8,232,595	-35,747
3A	1,773	1,051	-722	1,798	1,573	-262	13,921,758	13,787,363	-134,395
3B	608	283	-325	623	448	-175	8,690,171	8,671,150	-19,021
4A	187	102	-85	193	186	-7	1,768,990	1,791,210	22,220
4B	48	36	-12	48	87	39	338,484	329,867	-8,617
4C	42	31	-11	42	53	11	556,328	556,328	0
4D	25	17	-8	26	39	13	327,075	327,075	0

Table 6-2. Number of Transferors and Recipients of Halibut Sweep-up Transactions With Mean QS of Sweep-ups, By Area

Area	Year	Official Ratio of QS/IFQ	Number of Sweep-up Transfers	Total QS Swept-Up	Total Unique Transferors	Average QS Transferred	Avg. QS Transferred Expressed as IFQ	Total Unique Recipients	Average QS Received	Avg. QS Received Expressed as IFQ
2C	1995	6.65	11	20,475	11	1,861	280	11	1,861	280
	1996	6.66	22	52,233	22	2,374	356	16	3,265	490
	1997	5.91	123	532,444	117	4,551	770	69	7,717	1,306
	1998	5.67	35	162,139	35	4,633	817	28	5,791	1,021
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	7.09	18	67,216	15	4,481	632	18	3,734	527
	2001	6.79	25	90,699	21	4,319	636	25	3,628	534
	2002	7.02	14	66,660	12	5,555	791	14	4,761	678
	2003	7.06	24	120,767	21	5,751	815	24	5,032	713
	2004	5.67	41	132,458	30	4,415	779	38	3,486	615
	2005	5.45	19	80,585	16	5,037	924	19	4,241	778
	2006	5.60	11	42,531	11	3,866	690	11	3,866	690
3A	1995	9.29	15	31,103	15	2,074	223	14	2,222	239
	1996	9.30	30	80,393	30	2,680	288	26	3,092	332
	1997	7.40	176	1,096,449	167	6,566	888	115	9,534	1,289
	1998	7.11	66	392,410	65	6,037	849	47	8,349	1,174
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	10.09	36	217,049	25	8,682	860	35	6,201	615
	2001	8.45	35	217,643	29	7,505	888	35	6,218	736
	2002	8.17	37	255,470	29	8,809	1,078	34	7,514	920
	2003	8.17	44	263,166	28	9,399	1,150	42	6,266	767
	2004	7.38	44	164,033	21	7,811	1,058	44	3,728	505
	2005	7.26	26	98,863	22	4,494	619	23	4,298	592
	2006	7.34	31	91,630	20	4,582	624	31	2,956	403
3B	1995	14.71	3	6,934	3	2,311	157	2	3,467	236
	1996	14.73	11	95,046	11	8,641	587	8	11,881	807
	1997	5.99	109	939,613	101	9,303	1,553	49	19,176	3,201
	1998	4.90	32	298,361	31	9,625	1,964	18	16,576	3,383
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	3.59	10	84,142	10	8,414	2,344	10	8,414	2,344
	2001	3.26	22	173,054	14	12,361	3,792	20	8,653	2,654
	2002	3.15	10	115,278	6	19,213	6,099	10	11,528	3,660
	2003	3.16	7	34,249	6	5,708	1,806	6	5,708	1,806
	2004	3.47	14	69,115	9	7,679	2,213	14	4,937	1,423
	2005	4.13	4	49,527	4	12,382	2,998	4	12,382	2,998
	2006	4.99	11	69,882	5	13,976	2,801	10	6,988	1,400
4A	1995	7.62	2	9,068	2	4,534	595	2	4,534	595
	1997	4.93	33	225,529	33	6,834	1,385	18	12,529	2,540
	1998	4.14	11	67,063	11	6,097	1,471	6	11,177	2,697
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA

Area	Year	Official Ratio of QS/IFQ	Number of Sweep-up Transfers	Total QS Swept-Up	Total Unique Transferors	Average QS Transferred	Avg. QS Transferred Expressed as IFQ	Total Unique Recipients	Average QS Received	Avg. QS Received Expressed as IFQ
4A	2000	2.92	8	42,112	8	5,264	1,803	7	6,016	2,060
Cont.	2001	2.92	4	21,438	3	7,146	2,447	3	7,146	2,447
	2002	2.92	2	2,963	1	2,963	1,015	2	1,482	507
	2003	2.94	3	10,102	2	5,051	1,718	3	3,367	1,145
	2005	4.24	1	6,093	1	6,093	1,437	1	6,093	1,437
	2006	4.35	1	5,500	1	5,500	1,264	1	5,500	1,264
4B	1998	3.32	1	3,720	1	3,720	1,122	1	3,720	1,122
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2.36	1	948	1	948	402	1	948	402
4C	1998	4.99	1	13,713	1	13,713	2,746	1	13,713	2,746
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	3.91	1	13,386	1	13,386	3,424	1	13,386	3,424
	2001	3.91	4	73,002	3	24,334	6,224	4	18,251	4,668
4D	1998	4.38	2	8,950	2	4,475	1,023	2	4,475	1,023
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	3.43	1	16,179	1	16,179	4,717	1	16,179	4,717

NA indicates data not available
Note: Table includes only years with data.

Table 6-3. 2006 Year-end Total Halibut QS, Blocked QS, and Sweepable Blocked QS by Area

Area	Total Amount of QS	Total Number of QS Holders	Total Blocked QS	Total Persons Holding Blocked QS	Total Sweepable QS	Percent of Total QS	Percent of Blocked QS	Persons Holding Sweepable QS	Percent of Total Persons	Percent of Persons Holding Blocked QS
2C	59,552,039	1,358	42,177,590	1,223	8,232,595	13.8	19.5	769	56.9	62.9
3A	184,911,315	1,842	65,358,947	1,573	13,786,363	7.5	21.1	1,051	57.1	66.8
3B	54,262,333	526	35,517,973	448	8,671,150	16.0	24.4	283	53.8	63.2
4A	14,587,099	265	10,418,621	186	1,791,210	12.3	17.2	102	38.5	54.8
4B	9,284,774	107	3,332,789	87	329,867	3.6	9.9	36	33.6	41.4
4C	4,016,352	62	2,095,233	53	556,328	13.90	26.6	31	50.0	58.5
4D	4,958,250	47	2,428,959	39	327,075	6.6	13.5	17	36.2	43.6
4E	139,999	103	139,999	103	0.0	0.0	0.0	0	0.0	0.0

7 Halibut: Changes in QS Holdings by Type of Person

Under the halibut IFQ program, individuals, partnerships, skippers, corporations, and other types of entities are defined as "persons" who may hold QS. This chapter examines the distribution of QS by type of person holding the QS.

Table 7-1 summarizes information on the distribution of QS by management area and type of person. Table 7-2 provides similar information on the number of persons holding QS. Tables 7-3 and 7-4 provide similar information for aggregated person-type categories.
This chapter only looks at data from 2000 to 2006 due to the change in computer data base and an increase in number of fields an accurate comparison could not be made from the 1995-1999 data.

The halibut IFQ program contains restrictions on the ability of corporations and hedging partnerships to hold and use catcher vessel QS and IFQ. The intent of these restrictions is to assign QS to corporations and partnerships that were initial recipients, but to impose restrictions on the ability of corporations and partnerships to expand their positions in the fishery. These restrictions are somewhat more strict in Area 2C than elsewhere.

These tables provide information on the following types of QS:

Corporate:	QS held by corporations
CQE:	QS held by non-profit Community Quota Entities for use by residents of eligible communities.
Estates:	QS held by estates of QS recipients or other owners.
Individual	QS held by natural persons who are initial QS recipients.
Non Profit	QS held by groups that the proceeds from the CDQ allocations to start or support commercial fishery activities that will result in ongoing, regionally based, commercial fishery or related businesses.
Partnership:	QS held by partnerships.
Skipper:	QS held by individuals who are "IFQ crewmembers" rather than initial issuees.
Sole Proprieter:	QS held by business is owned by one individual.

Corporations and partnerships and other non-individual QS holders that are initial catcher vessel QS recipients can use the QS and IFQ they were issued and, except in Area 2C, can buy and use additional catcher vessel QS. The corporation or partnership must have at least a 20% ownership interest in the vessel on which the QS is used, and the vessel must be operated by a "Hired Master" employed by the corporation. In Area 2C, corporations and partnerships can only use the catcher vessel QS that they received as an initial allocation. The 20% minimum vessel ownership provision of the regulation was first implemented by NMFS-RAM in the 1997 season. Prior to that, there was no minimum on the percentage of vessel ownership that a corporation or partnership must have for the vessel that fished their QS.
[50]

Corporations and partnerships *that are not* initial catcher vessel QS recipients cannot acquire catcher vessel QS by transfer. If a corporation or partnership that is not an initial QS recipient comes into possession of catcher vessel QS, perhaps following a default on a loan, it will not be able to fish with the QS.[51]

A corporation or partnership, except for a publicly held corporation, loses the rights to fish its initial catcher vessel allocation and to buy additional QS if a new shareholder or partner is added (except for court appointed trustees acting on behalf of shareholders or partners who become incapacitated). In these cases, QS must be transferred to an individual before it can be fished again.[52]

Corporations and partnerships that are not initial issuees may purchase freezer vessel QS.[53]

An IFQ crew member is defined in the IFQ program as an individual approved by NMFS as having at least 150 days experience working as part of a harvesting crew in any United States commercial fishery or any individual who receives an initial allocation of QS. An individual must meet these requirements to buy QS.[54]

Table 7-1 compares from 2000 and year-end 2006 distribution of QS by IFQ area and type of person. Data are supplied on the QS issued to each type of owner in 2000 for each management area, the QS held at year-end 2006 by each type of owner, the change in QS held, the percent change, and the percentage of the area's QS held by each type of owner at 2000 and at year-end 2006.

The table shows that:

> Individuals held the highest proportion of the QS in all areas except 4B and 4D at year-end 2006. The percentage of an area's QS held by Individuals at year-end 2006 varied from a low of 18.2 in Area 4D to a high of 92.7 in Area 2C.

[50] See 50 CFR 679.42(j). This new regulations has "grandfather" provisions that allow certain initial isuees to continue to use hired skippers even if they owned less than the 20% minimum, provided they were doing so before April 17, 1997.
[51] See 50 CFR 679.41(g)
[52] See 50 CFR 679.42(j)(1)(2)(3), and (4)
[53] The IFQ regulations do not prohibit freezer QS purchases by corporations and partnerships that were not initial issuees.
[54] NMFS_RAM classifies persons according to their status when they first enter the system. A person whose first contast is the purchase of the QS is classified as "crew". If a person classified as crew consequently receives an initial allocation of QS, they would not be reclassified. Thus crew occasionally appear as "initial QS holders".

The amount of QS held by Individuals declined in Areas 2C, 3A, 3B, 4A, 4B, 4C and 4D, and rose in Area 4E. In Area 4E the entire TAC has been devoted to CDQs and none is available for IFQs.

The amount of QS held by "skippers," increased in all areas except 4E. Skipper holdings are becoming a substantial part of overall holdings. Skipper holdings ranged from a low of 5.8 % of overall holdings in Area 2C to a high of 49.2% of overall holdings in Area 4C. The tables show that the proportion of allocations to corporate holders varied considerably among IFQ areas. 2000 allocations of QS to corporate holders ranged from a low of 1.6% in Area 3A to a high of 46.9 in Area 4D.

In seven of the eight areas the proportion of the QS held by corporations decreased from 2000 to year-end 2006. The largest decline was in Area 4A where corporate holdings dropped from 29.2% to 22.7%. The proportion of corporate holdings decreased by relatively small amounts in all areas except Area 4E.

Table 7-2 provides similar information on the number of persons holding QS by area and type of entity. Typically, the numbers of skipper QS declined. The declines in QS holders were largely due to the consolidation of QS holdings that occurred from 2000-2006. The overall numbers of QS holders declined in each area. The declines in QS holders led to some changes in the percentage distribution of total QS holders in most areas by type of entity. The most noticeable changes were the decline in the percentage of QS holders who are individuals and the increase in the percentage of QS holders who are skippers.

The descriptions of QS holdings and holders by category in Tables 7-1 and 7-2 can obscure changes in the relative QS holdings of corporations and natural persons. This topic is likely to be one of particular interest. In Tables 7-3 and 7-4, the categories of corporate, CQE, estates, individuals, non- profit, and partnership QS holder types are shown by QS management areas and vessel classes. Table 7-3 displays the amount of QS held and Table 7-4 displays the numbers of persons holding QS. These tables are sorted by type of QS holder, vessel category, and management area.

Table 7-3 provides the total 2000 QS, the total year-end 2006 QS, the change and the percentage change in QS from 2000 to 2006 for each person type, management area, and vessel category combination. It also shows the percentage of total QS for the vessel category and area that was held by each person type at initial issuance and at year-end 2006.

"Individuals" held the vast majority of the QS in the "36 to 60 feet" and "less than or equal to 35 feet" catcher vessel class in all areas, both in 2000 and at year-end 2006. Individuals also held a majority of the freezer vessel class QS in Areas 2C, 3A, 3B, 4A, and 4C, and a majority of "greater than 60 feet" class QS in Areas 3A, and 4C, both in 2000 and at the end of 2006.

"Corporate" owners held a majority of the "freezer" vessel QS in Areas 4B and 4D in 2000 and at the end of 2006. They held a majority of "greater than 60 feet" class QS in Areas 4B, 4D and 4E in 2000, and 4A, 4C and 4E at the end of 2006.

Non profit held small portions of the QS in the freezer catcher vessel class. In 2006 the QS held by non-profits more than doubled from 2000, to 2006.

CQE held no QS in 2000 and has started to accumulate QS for 2006 in both the GT 60 feet and 36-60 feet.

Table 7-4 provides similar data for QS holders. Data show the numbers of QS holders of each person-type that held QS in 2000, the number of QS holders of each person-type held QS at year-end 2006, and the changes and the percent changes in the numbers of QS holders. The table also shows the percentages of QS holders that fall into each person-type category for each vessel category and year.

Table 7-1. Halibut QS by Area and Type of Holder

Area	Person Type	2000 Total QS Holdings	Year-end 2006 Total QS Holdings	Change In Total QS Holdings	Pct Change Total QS Holdings	2000 Pct Area QS	Year-end 2006 Pct Area QS
2C	Corporations	973,655	680,662	-292,993	-30.1	1.6	1.1
	Estates	59,678	9,394	-50,284	-84.3	0.1	0.0
	Individual	55,437,909	55,181,156	-256,753	-0.5	93.0	92.7
	Partnership	318,787	254,050	-64,737	-20.3	0.5	0.4
	Skippers	2,843,814	3,426,777	582,963	20.5	4.8	5.8
						---	---
		59,633,843	59,552,039			100.0	100.0
3A	Corporations	39,980,773	38,486,268	-1,494,505	-3.7	21.6	20.8
	Estates	586,422	17,962	-568,460	-96.9	0.3	0.0
	Individual	125,832,235	120,803,357	-5,028,878	-4.0	68.1	65.3
	Non-Profit	452,445	709,914	257,469	56.9	0.2	0.4
	Partnership	2,734,057	1,744,107	-989,950	-36.2	1.5	0.9
	Skippers	15,316,654	22,765,543	7,448,889	48.6	8.3	12.3
	Sole Proprietor	0	384,164	384,164	0.0	0.0	0.2
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		184,902,586	184,911,315			100.0	100.0
3B	Corporations	16,398,511	15,441,022	-957,489	-5.8	30.4	28.5
	CQEA	0	151,234	151,234	0.0	0.0	0.3
	Estates	355,990	0	-355,990	-100.0	0.7	0.0
	Individual	30,685,056	29,380,614	-1,304,442	-4.3	56.9	54.2
	Non-Profit	8,498	304,803	296,305	3486.8	0.0	0.6
	Partnership	1,415,447	707,319	-708,128	-50.0	2.6	1.3
	Skippers	5,044,007	7,853,940	2,809,933	55.7	9.4	14.5
	Sole Proprietor	0	364,244	364,244	0.0	0.0	0.7
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		53,907,509	54,203,176			100.0	100.0
4A	Corporations	4,239,783	3,313,632	-926,151	21.8	29.2	22.7
	Estates	32,695	18,708	-13,987	-42.8	0.2	0.1
	Individual	8,049,462	6,666,555	-1,382,907	-17.2	55.5	45.7
	Non-Profit	2,256	190,598	188,342	8348.5	0.0	1.3
	Partnership	384,055	177,105	-206,950	-53.9	2.6	1.2
	Skippers	1,795,745	4,220,501	2,424,756	135.0	12.4	28.9
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		14,503,996	14,587,099			100.0	100.0
4B	Corporations	3,732,168	3,157,869	-574,299	-15.4	40.2	34.0
	Estates	62,077	66,655	4,578	7.4	0.7	0.7
	Individual	3,413,398	3,100,343	-313,055	-9.2	36.8	33.4
	Non-Profit	370,314	426,241	55,927	15.1	4.0	4.6
	Skippers	1,706,817	2,533,666	826,849	48.4	18.4	27.3
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		9,284,774	9,284,774			100.0	100.0
4C	Corporations	777,474	768,518	-8,956	-1.2	19.6	19.1
	Estates	12,077	0	-12,077	-100.0	0.3	0.0
	Individual	1,408,784	1,177,078	-231,706	-16.4	35.5	29.3
	Partnership	96,089	96,089	0	0.0	2.4	2.4
	Skippers	1,674,762	1,974,667	299,905	17.9	42.2	49.2
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		3,969,186	4,016,352			100.0	100.0
4D	Corporations	2,284,773	2,113,946	-170,827	-7.5	46.9	42.6
	Individual	1,839,183	902,502	-936,681	-50.9	37.8	18.2
	Non-Profit	122,473	178,001	55,528	45.3	2.5	3.6
	Partnership	55,528	0	-55,528	-100.0	1.1	0.0
	Skippers	567,319	1,763,801	1,196,482	210.9	11.7	35.6
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		4,869,276	4,958,250			100	100.0
4E	Corporations	11,685	11,685	0	0.0	8.3	8.3
	Estates	1,882	1,882	0	0.0	1.3	1.3
	Individual	43,023	66,606	23,583	54.8	30.7	47.6
	Skippers	83,409	59,826	-23,583	-28.3	59.6	42.7
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		139,999	139,999			100.0	100.0

ND means “not defined.”

Table 7-2. Halibut QS Holders by Area and Type of Holder

Area	Person Type	2000 Total QS Holders	Year-end 2006 Total QS Holders	Change In Total QS Holders	Pct Change In Total QS Holders	2000 Pct Area QS Holders	2006 Pct. Area QS Holders
2C	Corporations	43	31	-12	-27.9	2.7	2.3
	Estates	7	3	-4	-57.1	0.4	0.2
	Individual	1,461	1,261	-200	-13.7	92.4	92.6
	Partnership	8	5	-3	-37.5	0.5	0.4
	Skippers	63	62	-1	-1.6	4.0	4.6
		1,582	1,362			100.0	100.0
3A	Corporations	122	103	-19	-15.6	5.8	5.7
	Estates	9	4	-5	-55.6	0.4	0.2
	Individual	1,822	1,530	-292	-16.0	86.8	85.3
	Non-Profit	1	1	0	0.0	0.0	0.1
	Partnership	24	12	-12	-50.0	1.1	0.7
	Skippers	120	144	24	20.0	5.7	8.0
	Sole Proprietor	0	1	1	0.0	0.0	0.0
		2,098	1,794			100.0	100.0
3B	Corporations	78	68	-10	-12.8	12.8	12.9
	CQEA	0	1	1	0.0	0.0	0.2
	Estates	4	0	-4	-100.0	0.7	0.0
	Individual	447	362	-85	-19.0	73.4	68.8
	Non-Profit	1	1	0	0.0	0.2	0.2
	Partnership	10	6	-4	-40.0	1.6	1.1
	Skippers	69	87	18	26.1	11.3	16.5
	Sole Proprietor	0	1	1	0.0	0.0	0.2
		609	526			100.0	100.0
4A	Corporations	53	38	-15	-28.3	16.8	14.4
	Estates	2	1	-1	-50.0	0.6	0.4
	Individual	187	155	-32	-17.1	59.4	58.7
	Non-Profit	1	1	0	0.0	0.3	0.4
	Partnership	6	3	-3	-50.0	1.9	1.1
	Skippers	66	66	0	0.0	21.0	25.0
		315	264			100.0	100.0
4B	Corporations	26	23	-3	-11.5	23.0	21.5
	Estates	1	1	0	0.0	0.9	0.9
	Individual	54	52	-2	-3.7	47.8	48.6
	Non-Profit	1	2	1	100.0	0.9	1.9
	Skippers	31	29	-2	-6.5	27.4	27.1
		113	107			100.0	100.0
4C	Corporations	12	8	-4	-33.3	17.4	12.9
	Estates	1	0	-1	-100.0	1.4	0.0
	Individual	22	17	-5	-22.7	31.9	27.4
	Partnership	1	1	0	0.0	1.4	1.6
	Skippers	33	36	3	9.1	47.8	58.1
		69	72			100.0	100.0
4D	Corporations	18	16	-2	-11.1	34.6	34.0
	Estates	23	12	-11	-47.8	44.2	25.5
	Individual	1	2	1	100.0	1.9	4.3
	Partnership	1		-1	-100.0	1.9	0.0
	Skippers	9	17	8	88.9	17.3	36.2
		52	47			100.0	100.0

Table 7-2 Continued. Halibut QS Holders by Area and Type of Holder

Area	Person Type	2000 Total QS Holders	Year-end 2006 Total QS Holders	Change In Total QS Holders	Pct Change In Total QS Holders	2000 Pct Area QS Holders	2006 Pct. Area QS Holders
4E	Corporations	3	3	0	0.0	2.9	2.9
	Estates	2	2	1	0.0	1.9	1.9
	Individual	41	65	24	58.5	39.4	63.1
	Skippers	58	33	-25	-43.1	55.8	32.0
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		104	103			100	100

ND means “not defined.”

Table 7-3. Halibut QS by Type of Holder, Vessel Category, and Area

Person Type	Vessel Category	Area	2000 Total QS Holdings	Year-end 2006 Total QS Holdings	Change in Total QS Holdings	Percent Change in Total QS Holdings	2000 Percent Vessel cat/ Area QS	2006 Percent Vessel cat/ Area QS
Corporate	Freezer	2C	7,147	7,020	-127	-1.8	0.4	0.3
		3A	1,065,870	1,065,870	0	0.0	55.3	51.3
		3B	445,526	593,742	148,216	33.3	23.1	28.6
		4A	98,184	100,106	1,922	2.0	5.1	4.8
		4B	76,066	76,066	0	0.0	3.9	3.7
		4D	235,935	235,935	0	0.0	12.2	11.3
	GT 60 ft.	2C	247,829	108,742	-139,087	-56.1	0.5	0.2
		3A	29,296,969	28,642,202	-654,767	-2.2	55.9	58.0
		3B	13,352,782	12,550,832	-801,950	-6.0	25.5	25.4
		4A	3,340,417	2,759,850	-580,567	-17.4	6.4	5.6
		4B	3,506,327	3,005,767	-500,560	-14.3	6.7	6.1
		4C	639,908	456,120	-183,788	-28.7	1.2	0.9
		4D	2,009,123	1,838,296	-835,093	-41.6	3.8	3.7
		4E	11,176	11,176	0	0.0	0.0	0.0
	36-60 ft.	2C	714,915	724,092	9,177	1.3	5.2	5.1
		3A	9,355,146	9,621,037	265,891	2.8	67.8	67.3
		3B	2,600,203	2,706,109	105,906	4.1	18.8	18.9
		4A	801,182	822,061	20,879	2.6	5.8	5.8
		4B	149,775	170,328	20,553	13.7	1.1	1.2
		4C	137,566	137,566	0	0.0	1.0	1.0
		4D	39,715	108,616	-68,901	-173.5	0.3	0.8
	LE 35 ft.	2C	3,764	3,764	0	0.0	1.4	2.5
		3A	262,788	149,110	-113,678	-43.3	98.4	97.2
		4E	509	509	0	0.0	0.2	0.3
CQE	GT 60 FT.	3B	0	50,542	50,542	0.0	0.0	100.0
	36-60 FT.	3B	0	100,692	100,692	0.0	0.0	100.0
Estates	GT 60 FT.	2C	13,662	0	-13,662	-100.0	1.3	0.0
		3A	562,406	0	-562,406	-100.0	55.5	0.0
		3B	331,161	0	-331,161	-100.0	32.7	0.0
		4A	32,695	18,708	-13,987	-42.8	3.2	49.7
		4B	62,077	18,897	-43,180	-69.6	6.1	50.3
		4D	12,077	0	-12,077	-100.0	1.2	0.0
	36-60 FT.	2C	28,251	0	-28,251	-100.0	49.5	0.0
		3A	4,218	0	-4,218	-100.0	7.4	0.0
		3B	24,561	0	-24,561	-100.0	43.1	0.0
		4B	0	47,758	47,758	NA	0.0	100.0

Table 7-3 continued. Halibut QS by Type of Holder, Vessel Category, and Area

Person Type	Vessel Category	Area	2000 Total QS Holdings	Year-end 2006 Total QS Holdings	Change in Total QS Holdings	Percent Change in Total QS Holdings	2000 Percent Vessel cat/ Area QS	2006 Percent Vessel cat/ Area QS
Estates	LE 35 FT.	2C	17,765	9,394	-8,371	-47.1	44.7	32.1
Cont.		3A	19,798	17,962	-1,836	-9.3	49.9	61.4
		3B	268	0	-268	0.0	0.7	0.0
		4E	1,882	1,882	0	0.0	4.7	6.4
Individual	Freezer	2C	1,190,283	1,190,410	127	0.0	22.1	26.5
		3A	2,665,333	2,416,832	-248,501	-9.3	49.5	53.8
		3B	922,214	593,745	-328,469	-35.6	17.1	13.2
		4A	475,708	220,881	-254,827	-53.6	8.8	4.9
		4B	107,109	51,182	-55,927	-52.2	2.0	1.1
		4C	18,876	18,876	0	0.0	0.4	0.4
Individual	GT 60 FT.	2C	2,028,174	2,042,552	14,378	0.7	3.7	4.1
		3A	31,024,106	29,108,917	-1,915,189	-6.2	57.0	58.8
		3B	12,614,905	11,963,761	-651,144	-5.2	23.2	24.2
		4A	4,044,473	2,894,860	-1,149,613	-28.4	7.4	5.8
		4B	2,377,406	2,086,688	-290,718	-12.2	4.4	4.2
		4C	824,981	773,770	-51,211	-6.2	1.5	1.6
		4D	1,556,071	636,413	-919,658	-59.1	2.9	1.3
Individual	36-60 FT.	2C	43,197,693	43,087,252	-110,441	-0.3	30.1	30.6
		3A	80,422,731	78,169,105	-2,253,626	-2.8	56.1	55.4
		3B	15,590,366	15,687,129	96,763	0.6	10.9	11.1
		4A	2,497,462	2,703,358	205,896	8.2	1.7	1.9
		4B	759,792	752,011	-7,781	-1.0	0.5	0.5
		4C	517,921	289,334	-228,587	-44.1	0.4	0.2
		4D	283,112	266,089	-17,023	-6.0	0.2	0.2
Individual	LE 35 FT.	2C	9,021,759	8,860,942	-160,817	-1.8	38.3	39.7
		3A	11,720,065	11,108,503	-611,562	-5.2	49.8	49.8
		3B	1,557,571	1,135,979	-421,592	-27.1	6.6	5.1
		4A	1,031,819	847,456	-184,363	-17.9	4.4	3.8
		4B	169,091	210,462	41,371	24.5	0.7	0.9
		4C	47,006	95,098	48,092	102.3	0.2	0.4
		4E	10,175	33,758	23,583	231.8	0.0	0.2
Non-profit	Freezer	3A	452,445	709,914	257,469	56.9	47.3	39.2
		3B	8,498	304,803	296,305	3486.8	0.9	16.8
		4A	2,256	190,598	188,342	8348.5	0.2	10.5
		4B	370,314	426,241	55,927	15.1	38.7	23.6
		4D	122,473	178,001	55,528	45.3	12.8	9.8
Partnership	Freezer	2C	2,905	0	-2,905	-100.0	3.2	0.0
		3A	8,968	8,968	0	0.0	9.7	10.1
		3B	23,949	23,949	0	0.0	26.0	26.9
		4A	696	696	0	0.0	0.8	0.8
		4D	55,528	55,528	0	0.0	60.3	62.3
Partnership	GT 60 FT.	2C	106,298	106,298	0	0.0	3.4	12.1
		3A	1,618,434	308,742	-1,309,692	-80.9	51.8	35.0
		3B	1,080,788	353,955	-726,833	-67.3	34.6	40.2
		4A	318,504	112,250	-206,254	-64.8	10.2	12.7
	36-60 FT	2C	204,336	143,469	-60,867	-29.8	12.3	7.2
		3A	1,085,528	1,429,071	343,543	31.6	65.2	71.8
		3B	310,710	353,364	42,654	13.7	18.7	17.8
		4A	64,855	64,855	0	0.0	3.9	3.3
	LE 35 FT.	2C	5,248	1,378	-3,870	-73.7	4.3	1.3
		3A	21,127	6,294	-14,833	-70.2	17.3	6.1
		4C	96,089	96,089	0	0.0	78.5	92.6

Person Type	Vessel Category	Area	2000 Total QS Holdings	Year-end 2006 Total QS Holdings	Change in Total QS Holdings	Percent Change in Total QS Holdings	2000 Percent Vessel cat/ Area QS	2006 Percent Vessel cat/ Area QS
Skipper	Freezer	2C	48,806	48,806	0	0.0	5.6	5.8
		3A	581,302	581,302	0	0.0	67.2	69.3
		3B	192,968	100,865	-92,103	-47.7	22.3	12.0
		4A	42,159	107,418	65,259	154.8	4.9	12.8
	GT 60 FT.	2C	282,946	395,818	112,872	39.9	2.4	1.8
		3A	6,029,618	10,115,220	4,085,602	67.8	52.1	46.0
		3B	2,601,168	4,704,277	2,103,109	80.9	22.5	21.4
		4A	808,635	2,762,069	1,953,434	241.6	7.0	12.6
		4B	1,168,716	2,003,174	834,458	71.4	10.1	9.1
		4C	143,641	390,717	247,076	172.0	1.2	1.8
		4D	534,901	1,625,386	1,090,485	203.9	4.6	7.4
	36-60 FT	2C	2,478,523	2,879,102	400,579	16.2	17.5	15.9
		3A	7,966,922	10,651,419	2,684,497	33.7	56.3	58.9
		3B	2,144,537	2,528,439	383,902	17.9	15.2	14.0
		4A	923,991	1,148,726	224,735	24.3	6.5	6.4
		4B	438,196	471,958	33,762	7.7	3.1	2.6
		4C	165,174	266,095	100,921	61.1	1.2	1.5
		4D	32,418	138,415	105,997	327.0	0.2	0.8
		4E	4,184	4,184	0	0.0	0.0	0.0
	LE 35 FT.	2C	33,539	103,051	69,512	207.3	1.4	2.8
		3A	738,812	1,417,602	678,790	91.9	30.2	38.6
		3B	105,334	520,359	415,025	394.0	4.3	14.2
		4A	20,960	202,288	181,328	865.1	0.9	5.5
		4B	99,905	58,534	-41,371	-41.4	4.1	1.6
		4C	1,365,947	1,317,855	-48,092	-3.5	55.9	35.9
		4E	79,225	55,642	-23,583	-29.8	3.2	1.5
Sole proprietor	GT 60 FT	3A	0	384,164	384,164	0	0.0	51.3
	36-60 FT	3B	0	364,244	364,244	0	0.0	48.7

ND means “not defined.”

Table 7-4. Halibut QS Holders by Type of Holder, Vessel Category, and Area

Person Type	Vessel Category	Area	2000 Total QS Holders	Year-end 2006 Total QS Holders	Change in Total QS Holders	Percent Change in Total QS Holders	2000 Percent Vessel cat/ Area QS	2006 Percent Vessel cat/ Area QS
Corporate	Freezer	2C	4	3	-1	-25.0	12.9	10.3
		3A	8	8	0	0.0	25.8	27.6
		3B	6	7	1	16.7	19.4	24.1
		4A	8	6	-2	-25.0	25.8	20.7
		4B	3	3	0	0.0	9.7	10.3
		4D	2	2	0	0.0	6.5	6.9
	GT 60 ft.	2C	21	13	-8	-38.1	8.9	6.4
		3A	79	73	-6	-7.6	33.3	36.1
		3B	55	51	-4	-7.3	23.2	25.2
		4A	34	26	-8	-23.5	14.3	12.9
		4B	21	18	-3	-14.3	8.9	8.9
		4C	9	5	-4	-44.4	3.8	2.5
		4D	16	14	-2	-12.5	6.8	6.9
		4E	2	2	0	0.0	0.8	1.0
	36-60 ft.	2C	17	14	-3	-17.6	17.2	18.7
		3A	40	32	-8	-20.0	40.4	42.7
		3B	21	15	-6	-28.6	21.2	20.0
		4A	14	7	-7	-50.0	14.1	9.3
		4B	3	3	0	0.0	3.0	4.0
		4C	3	3	0	0.0	3.0	4.0
		4D	1	1	0	0.0	1.0	1.3
	LE 35 ft.	2C	1	1	0	0.0	10.0	12.5
		3A	8	6	-2	-25.0	80.0	75.0
		4E	1	1	0	0	10.0	12.5
CQE	GT 60 FT.	3B	0	1	1	0.0	0.0	100.0
	36-60 FT.	3B	0	1	1	0.0	0.0	100.0
Estates	GT 60 FT.	2C	1	0	-1	-100.0	11.1	0.0
		3A	2	0	-2	-100.0	22.2	0.0
		3B	2	0	-2	-100.0	22.2	0.0
		4A	2	1	-1	-50.0	22.2	50.0
		4B	1	1	0	0.0	11.1	50.0
		4D	1	0	-1	-100.0	11.1	0.0
	36-60 FT.	2C	1	0	-1	-100.0	25.0	0.0
		3A	2	0	-2	-100.0	50.0	0.0
		3B	1	0	-1	-100.0	25.0	0.0
		4B	0	1	1	0	0.0	100.0
	LE 35 ft.	2C	5	3	-2	-40.0	38.5	18.8
		3A	5	4	-1	-20.0	38.5	25.0
		3B	1	7	0	0.0	7.7	43.8
		4E	2	2	0	0.0	15.4	12.5
Individual	GT 60 FT.	2C	44	45	1	2.3	10.9	12.1
		3A	155	155	0	0.0	38.6	41.8
		3B	92	83	-9	-9.8	22.9	22.4
		4A	56	44	-12	-21.4	13.9	11.9
		4B	28	28	0	0.0	7.0	7.5
		4C	9	7	-2	-22.2	2.2	1.9
		4D	18	9	-9	-50.0	4.5	2.4
	36-60 FT.	2C	765	689	-76	-9.9	36.9	38.0
		3A	935	801	-134	-14.3	45.1	44.2
		3B	278	229	-49	-17.6	13.4	12.6
		4A	61	61	0	0.0	2.9	3.4
		4B	14	17	3	21.4	0.7	0.9
		4C	8	5	-3	-37.5	0.4	0.3
		4D	6	4	-2	-33.3	0.3	0.2
		4E	6	6	0	0.0	0.3	0.3

Person Type	Vessel Category	Area	2000 Total QS Holders	Year-end 2006 Total QS Holders	Change in Total QS Holders	Percent Change in Total QS Holders	2000 Percent Vessel cat/ Area QS	2006 Percent Vessel cat/ Area QS
Individual Cont.	LE 35 FT.	2C	670	552	-118	-17.6	39.6	38.8
		3A	792	654	-138	-17.4	46.8	45.9
		3B	95	72	-23	-24.2	5.6	5.1
		4A	83	68	-15	-18.1	4.9	4.8
		4B	13	13	0	0.0	0.8	0.9
		4C	5	6	1	20.0	0.3	0.4
		4E	35	59	24	68.6	2.1	4.1
Non profit		3A	1	1	0	0.0	20.0	14.3
		3B	1	1	0	0.0	20.0	14.3
		4A	1	1	0	0.0	20.0	14.3
		4B	1	2	1	100.0	20.0	28.6
		4D	1	2	1	100.0	20.0	28.6
Partnership	Freezer	2C	1	1	0	0.0	20.0	100.0
		3A	1	0	-1	-100.0	20.0	0.0
		3B	1	0	-1	-100.0	20.0	0.0
		4A	1	0	-1	-100.0	20.0	0.0
		4D	1	0	-1	-100.0	20.0	0.0
	GT 60 ft.	2C	1	1	0	0.0	5.9	12.5
		3A	7	2	-5	-71.4	41.2	25.0
		3B	5	3	-2	-40.0	29.4	37.5
		4A	4	2	-2	-50.0	23.5	25.0
	36-60 ft.	2C	4	2	-2	-50.0	21.1	12.5
		3A	10	8	-2	-20.0	52.6	50.0
		3B	4	5	1	25.0	21.1	31.3
		4A	1	1	0	0.0	5.3	6.3
	LE 35 ft.	2C	2	1	-1	-50.0	22.2	25.0
		3A	6	2	-4	-66.7	66.7	50.0
		4C	1	1	0	0.0	11.1	25.0
Skippers	Freezer	2C	2	2	0	0.0	25.0	25.0
		3A	3	3	0	0.0	37.5	37.5
		3B	2	2	0	0.0	25.0	25.0
		4A	1	1	0	0.0	12.5	12.5
	GT 60 ft.	2C	12	11	-1	-8.3	10.0	6.0
		3A	35	51	16	45.7	29.2	27.9
		3B	22	40	18	81.8	18.3	21.9
		4A	19	34	15	78.9	15.8	18.6
		4B	18	20	2	11.1	15.0	10.9
		4C	6	11	5	83.3	5.0	6.0
		4D	8	16	8	100.0	6.7	8.7
	36-60 ft.	2C	35	42	7	20.0	20.5	19.8
		3A	64	84	20	31.3	37.4	39.6
		3B	33	40	7	21.2	19.3	18.9
		4A	20	22	2	10.0	11.7	10.4
		4B	11	11	0	0.0	6.4	5.2
		4C	5	6	1	20.0	2.9	2.8
		4D	2	6	4	200.0	1.2	2.8
		4E	1	1	0	0.0	0.6	0.5
	LE 35 ft.	2C	18	12	-6	-33.3	9.5	8.4
		3A	32	29	-3	-9.4	16.9	20.3
		3B	20	21	1	5.0	10.6	14.7
		4A	29	21	-8	-27.6	15.3	14.7
		4B	6	3	-3	-50.0	3.2	2.1
		4C	27	25	-2	-7.4	14.3	17.5
		4E	57	32	-25	-43.9	30.2	22.4
Sole proprietor	GT 60 ft.	3A	0	1	1	0	0.0	50.0
	GT 60 ft.	3B	0	1	1	0	0.0	50.0

ND means “not defined.”

8 Changes in the Distribution of Halibut QS by State

Tables 8-1 and 8-2 provide data on halibut QS holdings based on the US state of residence for QS holders. The tables show changes in the distribution of halibut QS holdings from initial issuance through year-end 2006. The state of residence for QS holders is based upon NMFS-RAM Division records of current mailing addresses as self-reported by QS Holders.[55]

At both initial issuance and at year-end 2006, Alaska residents held the highest percentage of QS in Areas 2C, 3A, 3B, 4A, 4C, and 4E. Alaska residents showed slight increases in their proportions at all QS holdings in Areas, 4A, 4B and 4D and slight decreases of total QS holdings in Areas 2C, 3A, 3B, 4B, 4C, and 4E.

After Alaska, Washington held the highest percentage of QS. The percentage of QS held by Washington residents in each area at the end of 2006 ranged from 9.8% in Area 4E to 50.2% in Area 4D. They held about half the QS in Areas 4B and 4D.

In all areas, the QS holdings of persons from Oregon and other states were small compared with QS holdings of persons from Washington and Alaska.

Table 8-2 shows that in all areas except Area 4D, most QS holders were from Alaska, both at initial issuance and at year-end 2006.

Since initial issuance, the number of QS holders from each state has dropped in Areas 2C through 4C. In most cases, the drop in QS holders in these areas coincides with increases in the average size of QS holdings. In Area 4E, there were only small changes in QS holders or average holdings because all of the TAC in Area 4E is devoted to CDQs. Average QS holdings vary considerably among persons from different states within a management area. In many areas, Alaska residents held smaller average amounts of QS than did residents of Washington or Oregon. For example, at the end of 2006 in Area 3B, Alaska residents held an average of 77,632 QS units, whereas fewer Oregon residents held an average of 135,710 QS units, and Washington residents held an average of 183,527 QS units.

[55]NMFS-RAM maintains data for year end addresses only.

Note that the total number of initial QS recipients in the tables in this chapter may be greater than the number of unique QS recipients for the area, as shown elsewhere in this report. This is because some persons received separate initial QS allocations over the 1995 to 2006 period, and had different addresses and were classified into different resident categories at different points in time.

Table 8-1. Initial Allocation and Year-end 2006 Halibut QS Holdings by Area and State

Area	State	Initial Amount of QS	2006 Amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	Alaska	49,265,458	49,158,937	82.7	82.6	-106,521	-0.2
	Washington	7,935,513	7,431,845	13.3	12.5	-513,170	-6.5
	Oregon	1,043,596	834,181	1.8	1.4	-209,415	-20.1
	Other	1,314,823	2,127,076	2.2	3.6	812,253	61.8
		59,559,390	59,552,039			-16,853	
3A	Alaska	118,477,479	111,736,932	63.9	60.4	-6,861,764	-5.8
	Washington	42,609,089	48,273,093	23.0	26.1	5,613,716	13.2
	Oregon	15,232,359	13,828,822	8.2	7.5	-1,403,537	-9.2
	Other	9,002,001	11,072,468	4.9	6.0	2,070,467	23.0
		185,320,928	184,911,315			-581,118	
3B	Alaska	28,012,423	27,947,556	51.7	51.6	-113,710	-0.4
	Washington	19,018,346	17,618,555	35.1	32.5	-1,695,458	-8.8
	Oregon	4,990,415	4,885,556	9.2	9.0	-104,859	-2.1
	Other	2,150,709	3,751,509	3.9	6.9	1,600,800	74.4
		54,171,893	54,203,176			-313,227	
4A	Alaska	7,065,931	7,522,178	48.6	51.6	452,834	6.4
	Washington	5,426,055	5,097,815	37.3	34.9	-407,930	-7.4
	Oregon	1,342,610	1,228,791	9.2	8.4	-113,819	-8.5
	Other	716,740	738,315	4.9	5.1	21,575	3.0
		14,551,336	14,587,099			-47,340	
4B	Alaska	3,242,733	3,638,966	34.9	39.2	396,233	12.2
	Washington	5,365,129	4,211,262	57.7	45.4	-1,153,867	-21.5
	Oregon	466,964	537,381	5.0	5.8	70,417	15.1
	Other	218,565	897,165	2.4	9.7	678,600	310.5
		9,293,391	9,284,774			-8,617	
4C	Alaska	2,199,603	1,885,402	55.4	47.0	-314,201	-14.3
	Washington	1,180,825	1,671,563	29.7	41.7	1,581,204	41.6
	Oregon	498,399	288,285	12.6	7.2	-210,114	-42.2
	Other	90,359	171,102	2.3	4.1	-1,064,655	-86.7
		3,969,186	4,016,352			-7,766	
4D	Alaska	621,683	1,579,957	13.0	31.9	958,274	154.1
	Washington	3,482,437	2,486,678	72.7	50.2	-995,759	-28.6
	Oregon	612,624	616,246	12.8	12.4	3,622	0.6
	Other	73,747	275,369	1.5	5.6	201,622	273.4
		4,790,491	4,958,250			167,759	
4E	Alaska	127,392	125,944	91.0	90.0	-1,594	-1.3
	Washington	12,507	13,727	8.9	9.8	1,220	9.8
	Other	100	474	0.1	0.3	374	374.0
		139,999	139,999			0	

Table 8-2. Initial Allocation and Year-end 2006 Halibut QS Holders by Area and State

Area	State	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Alaska	1,971	1,119	82.5	82.6	-852	-43.2	24,995	43,931	18,936	75.8
	Washington	321	166	176	12.3	-156	-48.4	24,721	44,770	20,049	81.1
	Oregon	45	18	14.0	1.3	-27	-60.0	23,191	46,343	23,152	99.8
	Other	51	59	42.0	3.8	8	15.7	25,781	36,052	10,271	39.8
		2,388	1,362			-1,027					
3A	Alaska	2,436	1,375	79.3	77.5	-982	-40.3	48,636	81,263	32,627	67.1
	Washington	391	234	12.7	13.2	-144	-36.8	108,975	206,295	97,320	89.3
	Oregon	121	81	3.9	4.6	-34	-28.1	125,887	170,726	44,839	35.6
	Other	124	105	4.0	5.8	-19	-15.3	72,597	105,452	32,452	45.3
		3,072	1,795			-1,277					
3B	Alaska	780	360	73.8	69.1	-420	-53.8	35,913	77,632	41,719	116.2
	Washington	173	96	16.4	18.4	-78	-44.8	109,933	183,527	73,594	66.9
	Oregon	62	36	5.9	6.9	-26	-41.9	80,491	135,710	55,219	68.6
	Other	42	34	4.0	6.5	-8	-19.0	51,207	110,339	59,132	115.5
		1,057	526			-532					
4A	Alaska	377	174	70.8	66.9	-203	-53.8	18,792	43,231	24,439	130.1
	Washington	109	57	20.3	21.9	-52	-47.7	50,241	89,435	39,194	78.0
	Oregon	31	14	5.8	5.4	-17	-54.8	43,310	87,771	44,461	102.7
	Other	16	19	3.0	7.2	3	18.8	44,796	38,859	-5,937	-13.3
		533	264			-269					
4B	Alaska	80	55	52.3	51.4	-25	-31.3	40,534	66,163	25,629	63.2
	Washington	52	36	34.0	33.6	-16	-30.8	103,176	116,980	13,804	13.4
	Oregon	14	5	9.2	4.7	-9	-64.3	33,355	107,476	74,121	222.2
	Other	7	11	4.6	10.3	4	57.1	31,224	81,560	50,336	161.2
		153	107			-46					
4C	Alaska	48	40	60.0	65.6	-8	-16.7	45,825	47,135	1,310	2.9
	Washington	24	15	30.0	24.6	-9	-37.5	49,201	111,438	62,237	126.5
	Oregon	5	3	6.3	4.9	-2	-40.0	99,680	96,095	-3,585	-3.6

Table 8-2. Initial Allocation and Year-end 2006 QS Holders by Area and State

Area	State	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
4C	Other	3	4	3.8	6.5	1	33.3	30,120	42,776	12,656	42.0
Cont.		---	---			---		---	---	---	
		80	62			-18					
4D	Alaska	22	16	32.4	34.0	-6	-27.3	28,258	98,747	70,489	249.4
	Washington	38	21	55.9	44.7	-17	-44.7	91,643	118,413	26,770	29.2
	Oregon	6	6	8.8	12.8	0	0.0	102,104	102,708	604	0.6
	Other	2	4	2.9	8.5	2	100.0	36,874	68,842	31,968	86.7
		---	---			---		---	---	---	
		68	47			-21					
4E	Alaska	98	93	94.2	89.4	-5	-5.1	1,300	1,353	53	4.1
	Washington	5	7	4.8	6.7	2	40.0	2,501	1,961	-540	-21.6
	Other	1	3	1.0	2.9	2	100.0	100	123	23	23.0
		---	---			---		---	---	---	
		104	103			-1					

9 Halibut: Changes by Management Area, Rural-Urban, and Local- Nonlocal

9.1 Initial and Year-end 2006 QS Holdings for Rural-Urban and Local-Nonlocal Residents

The initial distribution of QS and changes in the QS distribution over time are topics of interest for those concerned about the potential consequences of the IFQ program. The previous chapter examined this topic by breaking out QS holders based on state residency. This section examines QS holdings using five resident types that were originally developed by Langdon to study permit holdings under Alaska's limited entry program. These resident types have since been used by the Commercial Fisheries Entry Commission to monitor permit distribution changes under the State's limited entry program.[56] The five resident types are defined as below:

AK Rural Local (ARL)	A person residing in an ***Alaska rural*** community that is ***local*** to the IFQ management area for which the QS applies;
AK Rural Nonlocal (ARN)	A person residing in an ***Alaska rural*** community that is ***not local*** to the IFQ management area for which the QS applies;
AK Urban Local (AUL)	A person residing in an ***Alaska urban*** community that is ***local*** to the IFQ management area for which the QS applies.
AK Urban Nonlocal (AUN)	A person residing in an ***Alaska urban*** community that is ***not local*** to the IFQ management area for which the QS applies.
Nonresident	A person residing in a location outside Alaska.

The decision rules for designating rural-urban and local-nonlocal classifications are described in Appendix II. Essentially, the rural-urban distinction is based on a population of 2,500 or more persons as of the 1990 census. Some communities with populations less than 2,500 are classified as urban because they lie on a road system within a certain radius of an urban center. For instance, Auke Bay has a small population but it is designated as urban because it is situated on a road system within 20 miles of Juneau.

In the 2000 census technological advances in the field of geographic information systems (GIS) during the last 10 years allowed the Census Bureau to automate the urban and rural delineation process for the first time in Census Bureau history. The new urban area criteria, based solely on the population density of census Block Groups (BGs) and census blocks, provide a continuum of urban areas for Census 2000. (Appendix 2 for more info)

[56] Langdon, S., *Transfer Patterns In Alaskan Limited Fisheries*, January 17, 1980; and A. Tingley, K. Iverson, and E. Dinneford, *Changes In The Distribution Of Alaska's Limited Entry Permits 1975–1998*, July 1999.

9.1 Initial and Year-end 2006 Allocation

Table 9-1a provides the initial distribution and the year-end 2006 distribution of halibut QS by management area and resident type. It also shows the initial and year-end percentage of the area's QS held by each resident type and the change in QS held by resident types over the period.[57] Nonresidents hold large amounts of halibut QS, especially in Areas 3B, 4A, 4B, and 4D. Among Alaska resident types, urban residents hold the greatest portion of QS in most areas: Alaska Urban Locals hold the greatest percentage of the QS in Areas 2C and 3A, whereas Alaska Urban Nonlocals hold the greatest percentage of Alaska-held QS in Areas 3B, 4A, 4B, and 4D. Rural Alaska residents hold substantial portions of halibut QS in Areas 2C, 4C, and 4E.

Table 9-1b provides similar information as Table 9-1a, except it provides information on QS holders rather than QS amounts. The table shows the initial and year-end 2006 distribution of QS holders by management area and resident type and the change and percentage change in the number of these QS holders. Table 9-1b also provides the average QS holdings for resident types at initial issuance and year-end 2006.

The number of QS holders declined and the average QS holdings increased in most of the non-CDQ areas and resident types. This again indicates that consolidation of QS holdings has occurred from initial allocation through 2006.

In many areas, rural Alaska QS holders have held smaller average amounts of QS than have urban Alaska QS holders or nonresidents.

[57] The reader should note that in these tables the total number of initial QS recipients in the tables may be greater than the number of unique QS recipients for the area as shown elsewhere in this report, because some persons received separate initial allocations during the 1995 to 1998 and had different addresses. These persons were classified into different resident categories at each point in time.

Table 9-1a. Initial Allocation and Year-end 2006 QS Holdings by Management Area and Resident Type

Area	Resident Type	Initial QS	2006 QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	AK Rural Local	17,932,755	12,780,127	30.1	21.4	-5,152,628	-28.7
	AK Rural Non-Loc	362,838	89,850	0.6	0.2	-272,988	-75.2
	AK Urban Local	29,974,773	35,800,065	50.3	60.1	5,825,292	19.4
	AK Urban Non-Loc	995,092	488,895	1.7	0.8	-506,197	-50.9
	Nonresident	10,293,932	10,445,574	17.3	17.5	151,642	1.5
		59,559,390	59,604,511				
3A	AK Rural Local	14,928,786	37,484,789	8.1	20.1	22,556,003	151.1
	AK Rural Non-Loc	4,206,395	4,583,988	2.3	2.5	377,593	9.0
	AK Urban Local	79,834,467	42,930,257	43.1	23.0	-36,904,210	-46.2
	AK Urban Non-Loc	19,507,831	26,933,770	10.5	14.4	7,425,939	38.1
	Nonresident	66,843,449	74,986,723	36.1	40.1	8,143,274	12.2
		185,320,928	186,919,527				
3B	AK Rural Local	5,563,706	3,843,515	10.3	7.2	-1,720,191	-30.9
	AK Rural Non-Loc	2,075,980	7,227,722	3.8	13.5	5,151,742	248.2
	AK Urban Non-Loc	20,372,737	16,876,319	37.6	31.6	-3,496,418	-17.2
	Nonresident	26,159,470	25,489,303	48.3	47.7	-670,167	-2.6
		54,171,893	53,436,859				
4A	AK Rural Local	50,264	0	0.3	0.0	-50,264	-100.0
	AK Rural Non-Loc	907,184	2,809,116	6.2	18.6	1,901,932	209.7
	AK Urban Local	364,612	987,736	2.5	6.5	623,124	170.9
	AK Urban Non-Loc	5,743,871	3,725,326	39.5	24.7	-2,018,545	-35.1
	Nonresident	7,485,405	7,565,592	51.4	50.1	80,187	1.1
		14,551,336	15,087,770				
4B	AK Rural Local	160,045	211,726	1.7	2.2	51,681	32.3
	AK Rural Non-Loc	207,969	1,241,065	2.2	13.2	1,033,096	496.8
	AK Urban Local	0	0	0	0.0	0	0.0
	AK Urban Non-Loc	2,874,719	2,186,175	30.9	23.2	-688,544	-24.0
	Nonresident	6,050,658	5,784,194	65.1	61.4	-266,464	-4.4
		9,293,391	9,423,160				
4C	AK Rural Local	1,350,336	1,564,779	34	39.6	214,443	15.9
	AK Rural Non-Loc	23,170	174,871	0.6	4.4	151,701	654.7
	AK Urban Non-Loc	826,097	145,752	20.8	3.7	-680,345	-82.4
	Nonresident	1,769,583	2,065,134	44.6	52.3	295,551	16.7
		3,969,186	3,950,536				
4D	AK Rural Non-Loc	29,451	546,699	0.6	10.9	517,248	1756.3
	AK Urban Non-Loc	592,232	1,033,258	12.4	20.6	441,026	74.5
	Nonresident	4,168,808	3,448,020	87	68.6	-720,788	-17.3
		4,790,491	5,027,977				
4E	AK Rural Local	82,993	74,860	59.3	53.3	-8,133	-9.8
	AK Rural Non-Loc	4,937	10,062	3.5	7.2	5,125	103.8
	AK Urban Non-Loc	39,462	40,876	28.2	29.1	1,414	3.6
	Nonresident	12,607	14,525	9	10.4	1,918	15.2
		139,999	140,323				

Table 9-1b. Initial Allocation and Year-end 2006 QS Holders by Management Area and Resident Type

Area	Resident Type	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	AK Rural Local	722	334	30.2	24.9	-388	-53.7	24,838	38,264	13,426	54.1
	AK Rural Non-Loc	143	31	6	2.3	-112	-78.3	2,537	2,898	361	14.2
	AK Urban Local	986	713	41.3	53.2	-273	-27.7	30,400	50,210	19,810	65.2
	AK Urban Non-Loc	121	41	5.1	3.1	-80	-66.1	8,224	11,924	3,700	45.0
	Nonresident	417	220	17.5	16.4	-197	-47.2	24,686	47,480	22,794	92.3
		2,389	1,339								
3A	AK Rural Local	482	357	15.7	20.5	-125	-25.9	30,973	104,999	74,027	239.0
	AK Rural Non-Loc	239	112	7.8	6.4	-127	-53.1	17,600	40,928	23,328	132.5
	AK Urban Local	1,378	567	44.8	32.6	-811	-58.9	57,935	75,715	17,780	30.7
	AK Urban Non-Loc	338	296	11	17.0	-42	-12.4	57,715	90,992	33,277	57.7
	Nonresident	636	406	20.7	23.4	-230	-36.2	105,100	184,696	79,597	75.7
		3,073	1,738								
3B	AK Rural Local	127	62	12	12.1	-65	-51.2	43,809	61,992	18,183	41.5
	AK Rural Non-Loc	195	133	18.4	26.0	-62	-31.8	10,646	54,344	43,698	410.5
	AK Urban Non-Loc	458	165	43.3	32.3	-293	-64.0	44,482	102,281	57,799	129.9
	Nonresident	277	151	26.2	29.5	-126	-45.5	94,439	168,803	74,365	78.7
		1,057	511								
4A	AK Rural Local	6	0	1.1	0.0	-6	-100.0	8,377	0	0	0.0
	AK Rural Non-Loc	170	88	32	34.2	-82	-48.2	5,336	31,922	26,585	498.2
	AK Urban Local	19	26	3.6	10.1	7	36.8	19,190	37,990	18,800	98.0
	AK Urban Non-Loc	181	60	34.1	23.3	-121	-66.9	31,734	62,089	30,355	95.7
	Nonresident	155	83	29.2	32.3	-72	-46.5	48,293	91,152	42,859	88.7
		531	257								
4B	AK Rural Local	11	9	7.2	8.7	-2	-18.2	14,550	23,525	8,976	61.7
	AK Rural Non-Loc	5	12	3.3	11.5	7	140.0	41,594	103,422	61,828	148.6
	AK Urban Local	0	0	0	0.0	0	0.0	0	0	0	0.0
	AK Urban Non-Loc	64	34	41.8	32.7	-30	-46.9	44,917	64,299	19,382	43.1
	Nonresident	73	49	47.7	47.1	-24	-32.9	82,886	118,045	35,159	42.4
		153	104								

Table 9-1b. (con't). Initial Allocation and Year-end 2006 QS Holders by Management Area and Resident Type

Area	Resident Type	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
4C	AK Rural Local	31	31	38.8	51.7	0	0.0	0	0	0	0.0
	AK Rural Non-Loc	1	5	1.3	8.3	4	400.0	29,451	109,340	79,889	271.3
	AK Urban Non-Loc	16	4	20	6.7	-12	-75.0	37,015	258,315	221,300	597.9
	Nonresident	32	20	40	33.3	-12	-37.5	130,275	172,401	42,126	32.3
		80	60								
4D	AK Rural Non-Loc	2	5	2.9	11.1	3	150.0	41,497	14,972	-26,525	338.1
	AK Urban Non-Loc	20	11	29.4	24.4	-9	-45.0	247	915	668	75.4
	Nonresident	46	29	67.6	64.4	-17	-37.0	858	1,410	552	9.6
		68	45								
4E	AK Rural Local	74	66	71.2	65.3	-8	-10.8	0	0	0	0.0
	AK Rural Non-Loc	5	6	4.8	5.9	1	20.0	0	0	0	0.0
	AK Urban Non-Loc	19	21	18.3	20.8	2	10.5	0	0	0	0.0
	Nonresident	6	8	5.8	7.9	2	33.3	0	0	0	0.0
		104	101								

10 Changes in the Distribution of Halibut QS by Alaskan Census Area

The tables in this section classify halibut QS holders into Alaska Census areas. Entities that hold QS were assigned to a port area based upon addresses they provided NMFS-RAM. Persons who reside outside Alaska were put in a single nonresident category. The tables provide data on the initial distribution and the year-end 2006 distribution of halibut QS holdings.

Table 10-1a provides a summary of the QS holdings in each port area for the different halibut management areas. The table provides the initial QS holdings, the 2006 year-end QS holdings, the change in QS holdings from initial issuance through 2006, and the percentage change in QS holdings. The table also shows the percentage of the total management area QS that was initially issued to persons in each port area. Similarly, it shows the percentage of the total management area QS that was held at year-end 2006 by persons in each port area.

Port areas where Alaskans hold relatively high percentages of QS (10% or more of the area QS at year-end 2006) are: Juneau, Petersburg/Wrangell, and Sitka (Area 2C); Kodiak (Areas 3A, 3B, 4A, 4B, and 4C), Kenai Peninsula (Areas 3A, 3B, and 4A); Aleutian Islands West (Area 4C); Bethel (Area 4E).

As noted earlier, persons who reside outside of Alaska were issued a substantial proportion of the QS in all halibut management areas except 4E. By the end of 2006, the amount of QS held by nonresidents decreased in Areas 2C, 3A, 4A, 4B, 4C, and 4D, and increased slightly in Areas 3B and 4E.

Table 10-1b presents somewhat similar information on QS holders from each Port area. The table shows, for each port area, the initial number of QS holders, the 2006 year-end number of QS holders, the change in the number of QS holders through 2006, and the percentage change in the number of QS holders, for each halibut management area and port area.

For each halibut management area and port area, Table 10-1b also shows the initial average QS holdings, the 2006 year-end average QS holdings, the change in average QS holdings through 2006, and the percentage change in average QS holdings through 2006. The table includes the initial and year-end percentages of total initial QS recipients for the management area for each port area.

Table 10-1b demonstrates that there was some consolidation of QS holdings and a reduction in the number of QS holders since initial issuance for most port areas and management areas. In the few cases where the number of QS holders increased through 2006, the increases were very small. The percent decline of QS holders from some port areas is particularly high in the non-CDQ Areas 2C through 4A. This could be related to QS holders from CDQ areas transferring their CDQ compensation QS.

Table 10-1a. Initial Allocation and Year-end 2006 QS Holdings by Management Area and Port Area

Area	Port Area	Initial Amount of QS	2006 Amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	Aleutians East	4,175	568	0.0	0.0	-3,607	-86.4
	Aleutians West	171,048	79,209	0.3	0.1	-91,839	-53.7
	Anchorage Borough	380,243	112,374	0.6	0.2	-267,869	-70.4
	Bethel	74,586	0	0.1	0.0	-74,586	-100.0
	Bristol Bay	4,589	667	0.0	0.0	-3,922	-85.5
	Dillingham	5,207	3,396	0.0	0.0	-1,811	-34.8
	Fairbanks N. Star	135,026	132,653	0.2	0.2	-2,373	-1.8
	Haines	2,221,074	1,635,339	3.7	2.7	-585,735	-26.4
	Juneau	5,781,122	6,353,788	9.7	10.7	572,666	9.9
	Kenai Pen.	261,476	66,220	0.4	0.1	-195,256	-74.7
	Ketchikan	3,296,194	3,964,590	5.5	6.7	668,396	20.3
	Kodiak Borough	146,856	15,954	0.2	0.0	-130,902	-89.1
	Lake and Pen.	1,275	0	0.0	0.0	-1,275	-100.0
	MatSu Borough	56,261	142,309	0.1	0.2	86,048	152.9
	Nome	57	21,237	0.0	0.0	21,180	37157.9
	Prince of Wales	4,551,549	2,719,590	7.6	4.6	-1,831,959	-40.2
	Sitka	9,936,267	10,270,730	16.7	17.2	334,463	3.4
	SKG\YAK\ANG	4,717,537	2,771,930	7.9	4.7	-1,945,607	-41.2
	Valdez\CDV	19,219	4,158	0.0	0.0	-15,061	-78.4
	PSG\Wrangell	17,498,696	20,864,225	29.4	35.0	3,365,529	19.2
	Yukon\Koyuk	3,001	0	0.0	0.0	-3,001	-100.0
	Outside Alaska	10,293,932	10,393,102	17.3	17.5	99,170	1.0
		59,559,390	59,552,039			-7,351	
3A	Aleutians East	248,743	13,666	0.1	0.0	-235,077	-94.5
	Aleutians West	608,367	40,767	0.3	0.0	-567,600	-93.3
	Anchorage Borough	7,414,783	6,927,099	4.0	3.7	-487,684	-6.6
	Bethel	211,899	462,951	0.1	0.3	251,052	118.5
	Bristol Bay	17,218	3,899	0.0	0.0	-13,319	-77.4
	Denali Borough	0	1,416	0.0	0.0	1,416	.
	Dillingham	10,292	804,622	0.0	0.4	794,330	7717.9
	Fairbanks N. Star	310,882	47,149	0.2	0.0	-263,733	-84.8
	Haines	484,623	532,506	0.3	0.3	47,883	9.9
	Juneau	3,126,721	4,763,916	1.7	2.6	1,637,195	52.4
	Kenai Pen.	35,932,979	30,952,398	19.4	16.7	-4,980,581	-13.9
	Ketchikan	1,201,311	960,563	0.6	0.5	-240,748	-20.0
	Kodiak Borough	43,718,157	32,515,780	23.6	17.6	-11,202,377	-25.6
	Lake and Pen.	55,577	5,737	0.0	0.0	-49,840	-89.7
	MatSu Borough	1,818,439	2,621,693	1.0	1.4	803,254	44.2
	NW Arctic	149	0	0.0	0.0	-149	-100.0
	Nome	0	55,284	0.0	0.0	55,284	.
	Prince of Wales	462,841	10,707	0.2	0.0	-452,134	-97.7
	Sitka	5,930,471	6,730,683	3.2	3.6	800,212	13.5
	SKG\YAK\ANG	3,837,390	2,418,935	2.1	1.3	-1,418,455	-37.0
	SE Fairbanks	1,987	1,338,214	0.0	0.7	1,336,227	67248.5
	Valdez\CDV	3,408,866	7,795,688	1.8	4.2	4,386,822	128.7
	PSG\Wrangell	9,673,870	12,726,130	5.2	6.9	3,052,260	31.6
	Yukon\Koyuk	1,914	7,129	0.0	0.0	5,215	272.5
	Outside Alaska	66,843,449	73,173,668	36.1	39.6	6,330,219	9.5
		185,320,928	184,910,600			-597,452	
3B	Aleutians East	4,474,522	3,288,412	8.3	6.1	-1,186,110	-26.5
	Aleutians West	251,080	265,136	0.5	0.5	14,056	5.6
	Anchorage Borough	2,688,992	1,969,160	5.0	3.6	-719,832	-26.8
	Bethel	61,923	0	0.1	0.0	-61,923	-100.0
	Bristol Bay	7,835	927	0.0	0.0	-6,908	-88.2
	Dillingham	3,007	306,177	0.0	0.6	303,170	10082.1
	Fairbanks N. Star	23,646	81,942	0.0	0.2	58,296	246.5
	Juneau	247,227	367,369	0.5	0.7	120,142	48.6
	Kenai Peninsula	5,299,803	6,149,353	9.8	11.3	849,550	16.0
	Ketchikan	170,192	0	0.3	0.0	-170,192	-100.0
	Kodiak Borough	10,343,667	12,530,681	19.1	23.1	2,187,014	21.1

Table 10-1a continued. Initial Allocation and Year-end 2006 QS Holdings by Management Area and Port Area

Area	Port Area	Initial Amount of QS	2006 Amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
3B Cont.	Lake and Pen.	1,050,965	555,103	1.9	1.0	-495,862	-47.2
	MatSu Borough	295,998	237,589	0.5	0.4	-58,409	-19.7
	Prince of Wales	39,313	70	0.1	0.0	-39,243	-99.8
	Sitka	1,523,669	674,498	2.8	1.2	-849,171	-55.7
	SE Fairbanks	0	95,012	0.0	0.2	95,012	.
	SKG\YAK\ANG	232,579	28,817	0.4	0.1	-203,762	-87.6
	Valdez\CDV	67,892	259,903	0.1	0.5	192,011	282.8
	PSG\Wrangell	1,230,113	1,099,183	2.3	2.0	-130,930	-10.6
	Yukon Koyukuk	0	38,224	0.0	0.1	38,224	0.0
	Outside Alaska	26,159,470	26,254,799	48.3	48.4	95,329	0.4
		54,171,893	54,202,355			-1,648,080	
4A	Aleutians East	264,962	318,500	1.8	2.2	53,538	20.2
	Aleutians West	450,431	1,060,905	3.1	7.3	610,474	135.5
	Anchorage Borough	526,816	312,774	3.6	2.1	-214,042	-40.6
	Bethel	16,439	0	0.1	0.0	-16,439	-100.0
	Bristol Bay	14,794	245	0.1	0.0	-14,549	-98.3
	Dillingham	799	365	0.0	0.0	-434	-54.3
	Fairbanks N. Star	0	85,393	0.0	0.6	85,393	.
	Juneau	98,817	92,488	0.7	0.6	-6,329	-6.4
	Kenai Pen.	1,941,229	1,882,026	13.3	12.9	-59,203	-3.0
	Ketchikan	80,293	0	0.6	0.0	-80,293	-100.0
	Kodiak Borough	2,573,135	2,702,484	17.7	18.5	129,349	5.0
	Lake and Pen.	1,037	0	0.0	0.0	-1,037	-100.0
	MatSu Borough	152,125	120,790	1.0	0.8	-31,335	-20.6
	Prince of Wales	10,093	18	0.1	0.0	-10,075	-99.8
	Sitka	509,819	304,625	3.5	2.1	-205,194	-40.2
	SKG\YAK\ANG	135,616	181	0.9	0.0	-135,435	-99.9
	Valdez\CDV	6,067	427,276	0.0	2.9	421,209	6942.6
	PSG\Wrangell	283,459	172,039	1.9	1.2	-111,420	-39.3
	Yukon Koyukuk	0	42,069	0.0	0.3	42,069	.
	Outside Alaska	7,485,405	7,064,921	51.4	48.4	-420,484	-5.6
		14,551,336	14,587,099			-48,327	
4B	Aleutians West	217,591	308,056	2.3	2.3	90,465	41.6
	Anchorage Borough	34,129	75,797	0.4	0.8	41,668	122.1
	Dillingham	0	370,314	0	4	370,314	.
	Fairbanks	0	22,392	0	0.1	22,392	.
	Juneau	110,956	2,368	1.2	1.1	-108,588	-97.9
	Kenai Pen.	569,966	559,817	6.1	7.3	-10,149	-1.8
	Ketchikan	1,686	72,270	0	0	70,584	4186.5
	Kodiak Borough	1,538,104	1,469,712	16.6	12.9	-68,392	-4.4
	MatSu Borough	33,685	340	0.4	0.5	-33,345	-99.0
	Sitka	382,474	272,771	4.1	2.8	-109,703	-28.7
	SKG\YAK\ANG	41,459	41,459	0.4	0.4	0	0.0
	Valdez\CDV	56,991	269,475	0.6	0	212,484	372.8
	PSG\Wrangell	255,692	174,195	2.8	3.1	-81,497	-31.9
	Outside Alaska	6,050,658	5,645,808	65.1	64.7	-404,850	-6.7
		9,293,391	9,284,774			26,086	
4C	Aleutians West	1,478,344	1,564,779	37.2	39.0	86,435	5.8
	Anchorage Borough	119,592	49,883	3.0	1.2	-69,709	-58.3
	Juneau	8,747	0	0.2	0.0	-8,747	-100.0
	Kenai Pen.	97,629	154,673	2.5	3.9	57,044	58.4
	Kodiak Borough	469,828	95,869	11.8	2.4	-373,959	-79.6
	Sitka	25,463	0	0.6	0.0	-25,463	-100.0
	SKG\YAK\ANG		20,198	0.0	0.5	20,198	0.0
	Outside Alaska	1,769,583	2,130,950	44.6	53.1	361,367	20.4
		3,969,186	4,016,352			47,166	

Table 10-1a continued. Initial Allocation and Year-end 2006 QS Holdings by Management Area and Port Area

Area	Port Area	Initial Amount of QS	2006 Amount of QS	Initial Pct. of Area QS	2006 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
4D	Aleutians West	67,584	0	1.4	0.0	-67,584	-100.0
	Anchorage Borough	84,640	179,557	1.8	3.4	94,917	112.1
	Dillingham	0	122,473	0.0	2.3	122,473	.
	Juneau	24,235	213,044	0.5	4.0	188,809	779.1
4D	Kenai Pen.	76,708	380,732	1.6	7.2	304,024	396.3
Cont.	Kodiak Borough	207,837	623,069	4.3	11.8	415,232	199.8
	Sitka	40,479	17,588	0.8	0.3	-22,891	-56.6
	SKG\YAK\ANG	14,118	43,494	0.3	0.8	29,376	208.1
	PSG\Wrangell	106,082	0	2.2	0.0	-106,082	0.0
	Outside Alaska	4,168,808	3,378,293	87.0	68.1	-790,515	-19.0
		4,790,491	4,958,250			167,759	
4E	Aleutians East	3,878	3,878	2.8	2.8	0	0.0
	Aleutians West	4,184	4,184	3.0	3.0	0	0.0
	Anchorage Borough	5,090	14,101	3.6	10.1	9,011	177.0
	Bethel	73,808	72,790	52.7	52.0	-1,018	-1.4
	Bristol Bay	4,934	6,378	3.5	4.6	1,444	29.3
	Dillingham	3,585	1,908	2.6	1.4	-1,677	-46.8
	Kenai Pen.	638	354	0.5	0.3	-284	-44.5
	Kodiak Borough	6,791	6,791	4.9	4.9	0	0.0
	Lake and Pen.	1,372	0	1.0	0.0	-1,372	-100.0
	MatSu Borough	20,324	12,156	14.5	8.7	-8,168	-40.2
	Prince of Wales	83	83	0.1	0.1	0	0.0
	Valdez\CDV	489	489	0.3	0.3	0	0.0
	PSG\Wrangell	2,216	2,216	1.6	1.6	0	0.0
	Outside Alaska	12,607	14,671	9.0	10.5	2,064	16.4
		139,999	139,999			0	

Table 10-1b. Initial Allocation and Year-end 2006 QS Holders by Management Area and Port Area

Area	Port Area	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Aleutians East	2	1	0.1	0.1	-1	50	2,088	568	-1,520	-72.8
	Aleutians West	48	5	2.0	0.4	-12	29	3,564	15,842	12,278	344.6
	Anchorage Borough	32	11	1.3	0.8	-21	34	11,883	10,216	-1,667	-14.0
	Bethel	43	0	1.8	0.0	-43	0	1,735	0	-1,735	-100.0
	Bristol Bay	10	3	0.4	0.2	-7	30	459	222	-237	-51.6
	Dillingham	22	16	0.9	1.2	-6	73	237	212	-24	-10.3
	Fairbanks N. Star	10	7	0.4	0.5	-3	70	13,503	18,950	5,448	40.3
	Haines	84	41	3.5	3.0	-43	49	26,441	39,886	13,445	50.8
	Juneau	256	168	10.7	12.4	-88	66	22,583	37,820	15,238	67.5
	Kenai Pen.	34	9	1.4	0.7	-25	26	7,690	7,358	-333	-4.3
	Ketchikan	147	95	6.2	7.0	-33	74	22,423	41,733	19,309	86.1
	Kodiak Borough	32	7	1.3	0.5	-25	22	4,589	2,279	-2,310	-50.3
	Lake and Pen.	4	0	0.2	0.3	0	100	319	0	-319	-100.0
	MatSu Borough	8	9	0.3	0.7	1	113	7,033	15,812	8,779	124.8
	Nome	1	2	0.0	0.1	1	200	57	10,619	10,562	18528.9
	Prince of Wales	221	99	9.3	7.3	-122	45	20,595	27,471	6,875	33.4
	Sitka	328	243	13.7	17.9	-85	74	30,293	42,266	11,973	39.5
	SKG\YAK\ANG	223	90	9.3	6.6	-133	40	21,155	30,799	9,644	45.6
	Valdez\CDV	7	2	0.3	0.1	-5	29	2,746	2,079	-667	-24.3
	PSG\Wrangell	459	311	19.2	22.9	-148	68	38,124	67,088	28,964	76.0
	Yukon\Koyuk	1	0	0.0	0.0	-1	0	3,001	0	-3,001	-100.0
	Outside Alaska	417	243	17.8	17.8	-182	56	24,686	42,770	18,084	73.3
		2,389	1,362								
3A	Aleutians East	7	2	0.2	0.1	-5	-71.4	35,535	6,833	-28,702	-80.8
	Aleutians West	54	9	1.8	0.5	-45	-83.3	11,266	4,530	-6,736	-59.8
	Anchorage Borough	270	152	8.8	8.5	-118	-43.7	27,462	45,573	18,111	65.9
	Bethel	42	2	1.4	0.1	-40	-95.2	5,045	231,476	226,431	4488.2
	Bristol Bay	11	4	0.4	0.2	-7	-63.6	1,565	975	-590	-37.7
	Denail	0	3	0.0	0.2	3	.	0	472	472	.
	Dillingham	21	17	0.7	0.9	-4	-19.0	490	47,331	46,841	9559.3
	Fairbanks N. Star	29	17	0.9	0.9	-12	-41.4	10,720	2,773	-7,947	-74.1
	Haines	18	11	0.6	0.6	-7	-38.9	26,924	48,410	21,486	79.8
	Juneau	82	60	2.7	3.3	-22	-26.8	38,131	79,399	41,268	108.2
	Kenai Pen.	841	458	27.4	25.5	-383	-45.5	42,726	67,582	24,856	58.2
	Ketchikan	20	8	0.7	0.4	-12	-60.0	60,066	120,070	60,004	99.9
	Kodiak Borough	457	248	14.9	13.8	-209	-45.7	95,663	131,112	35,449	37.1

Table 10-1b continued. Initial Allocation and Year-end 2006 QS Holders by Management Area and Port Area

Area	Port Area	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
3A cont.	Lake and Pen.	10	2	0.3	0.1	-8	-80.0	5,558	2,869	-2,690	-48.4
	MatSu Borough	65	45	2.1	2.5	-20	-30.8	27,976	58,260	30,284	108.2
	NW Arctic	1	0	0.0	0.0	-1	-100.0	149	0	-149	-100.0
	Prince of Wales	0	1	0.0	0.1	1	.	0	55,284	55,284	100.0
	Sitka	24	3	0.8	0.2	-21	-87.5	19,285	3,569	-15,716	-81.5
	SKG\YAK\ANG	130	88	4.2	4.9	-42	-32.3	45,619	76,485	30,866	67.7
	SE Fairbanks	108	62	3.5	3.5	-46	-42.6	35,531	39,015	3,484	9.8
	Valdez\CDV	2	9	0.1	0.5	7	350.0	994	148,690	147,696	14858.8
	Wade Hampton	156	106	5.1	5.9	-50	-32.1	21,852	73,544	51,692	236.6
	PSG\Wrangell	0	3	0.0	0.2	3	.	0	1,661	1,661	.
	Yukon\Koyuk	86	67	2.8	3.7	-19	-22.1	112,487	189,942	77,455	68.9
	Outside Alaska	4	1	0.1	0.1	-3	-75.0	479	7,129	6,650	1388.3
		3,074	1,794								
3B	Aleutians East	104	52	9.8	10.0	-52	-50	43,024	63,239	20,215	47.0
	Aleutians West	50	9	4.7	1.7	-41	-82	5,022	29,460	24,438	486.6
	Anchorage Borough	65	25	6.1	4.8	-40	-62	41,369	78,766	37,397	90.4
	Bethel	42	0	4.0	0.0	-42	-100	1,474	0	-1,474	-100.0
	Bristol Bay	11	4	1.0	0.8	-7	-64	712	232	-480	-67.5
	Dillingham	21	16	2.0	3.1	-5	-24	143	19,136	18,993	13,281.9
	Fairbanks\N. Star	2	1	0.2	0.2	-1	-50	11,823	81,942	70,119	593.1
	Juneau	11	3	1.0	0.6	-8	-73	22,475	122,456	99,981	444.9
	Kenai Peninsula	181	93	17.1	17.9	-88	-49	29,281	66,122	36,841	125.8
	Ketchikan	5	0	0.5	0.0	-5	-100	34,038	0	-34,038	-100.0
	Kodiak Borough	201	117	19.0	22.5	-84	-42	51,461	107,100	55,639	108.1
	Lake and Peninsula	26	10	2.5	1.9	-16	-62	40,422	55,510	15,088	37.3
	MatSu Borough	14	5	1.3	1.0	-9	-64	21,143	47,518	26,375	124.7
	Prince of Wales	3	1	0.3	0.2	-2	-67	13,104	70	-13,034	-99.5
	Sitka	21	7	2.0	1.3	-14	-67	72,556	96,357	23,801	32.8
	SKG\YAK\ANG	8	2	0.8	0.4	-6	-75	29,072	14,409	-14,664	-50.4
	SE Fairbanks	0	2	0.0	0.4	2	100	0	47,506	47,506	0.0
	Valdez\Cordova	5	4	0.5	0.8	-1	-20	13,578	64,976	51,398	378.5
	Pburg\Wrangell	11	8	1.0	1.5	-3	-27	111,828	137,398	25,570	22.9
	Yukon\Koyuk	0	1	0.0	0.2	1	0.0	0	38,224	38,224	0.0
	Outside Alaska	277	161	26.2	30.9	-116	-42	94,439	163,073	68,634	72.7
		1,058	521								

Table 10-1b continued. Initial Allocation and Year-end 2006 QS Holders by Management Area and Port Area

Area	Port Area	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
4A	Aleutians East	104	10	9.8	3.8	-94	-90	43,024	31,850	-11,174	-26.0
	Aleutians West	50	39	4.7	14.8	-11	-22	5,022	27,203	22,181	441.7
	Anchorage Borough	65	7	6.1	2.7	-58	-89	41,369	44,682	3,313	8.0
	Bethel	42	0	4.0	0.0	-42	-100	1,474	0	-1,474	-100.0
	Bristol Bay	11	4	1.0	1.5	-7	-64	712	61	-651	-91.4
	Dillingham	21	15	2.0	5.7	-6	-29	143	24	-119	-83.0
	Fairbanks\N. Star	2	2	0.2	0.8	0	0	11,823	42,697	30,874	261.1
	Juneau	11	4	1.0	1.5	-7	-64	22,475	23,122	647	2.9
	Kenai Peninsula	181	36	17.1	13.6	-145	-80	29,281	52,279	22,998	78.5
	Ketchikan	5	0	0.5	0.0	-5	-100	34,038	0	-34,038	-100.0
	Kodiak Borough	201	37	19.0	14.0	-164	-82	51,461	73,040	21,579	41.9
	Lake and Peninsula	26	0	2.5	0.0	-26	-100	40,422	0	-40,422	-100.0
	MatSu Borough	14	4	1.3	1.5	-10	-71	21,143	30,198	9,055	42.8
	Prince of Wales	3	1	0.3	0.4	-2	-67	13,104	18	-13,086	-99.9
	Sitka	21	5	2.0	1.9	-16	-76	72,556	60,925	-11,631	-16.0
	SKG\YAK\ANG	8	1	0.8	0.4	-7	-88	29,072	181	-28,891	-99.4
	Valdez\Cordova	5	5	0.5	1.9	0	0	13,578	85,455	71,877	529.4
	Pburg\Wrangell	11	3	1.0	1.1	-8	-73	111,828	57,346	-54,482	-48.7
	Yukon\Koyuk	0	1	0.0	0.4	1	100	0	42,069	42,069	0
		1,058	264								
4B	Aleutians West	16	13	10.5	12.1	-3	-19	13,599	23,697	10,098	74.3
	Anchorage Borough	2	2	1.3	1.9	0	0	17,065	37,899	20,834	122.1
	Dillingham	0	1	0.0	0.9	1	100	0	370,314	370,314	0.0
	Haines	0	1	0.0	0.9	1	100	0	22,392	22,392	0.0
	Juneau	3	1	2.0	0.9	-2	-67	36,985	2,368	-34,617	-93.6
	Kenai Pen.	16	8	10.5	7.5	-8	-50	35,623	69,977	34,354	96.4
	Ketchikan	1	1	0.7	0.9	0	0	1,686	72,270	70,584	4186.5
	Kodiak Borough	27	20	17.6	18.7	-7	-26	56,967	73,486	16,519	29.0
	MatSu Borough	2	1	1.3	0.9	-1	-50	16,843	340	-16,503	-98.0
	Sitka	8	3	5.2	2.8	-5	-63	47,809	90,924	43,115	90.2
	SKG\YAK\ANG	1	1	0.7	0.9	0	0	41,459	41,459	0	0.0
	Valdez\CDV	1	2	0.7	1.9	-1	100.0	56,991	134,738	77,747	136.4
	PSG\Wrangell	3	1	2.0	0.9	-2	-67.0	85,231	174,195	88,964	104.4
	Outside Alaska	73	52	47.7	48.6	-17	-23.3	82,886	108,573	25,687	31.0
		153	124								
4C	Aleutians West	32	31	40.0	50.8	-1	-3.1	46,198	50,477	4,279	9.3
	Anchorage Borough	2	1	2.5	1.6	-1	-50.0	59,796	49,883	-9,913	-16.6

Table 10-1b continued. Initial Allocation and Year-end 2006 QS Holders by Management Area and Port Area

Area	Port Area	Initial Number of QS Holders	2006 Number of QS Holders	Initial Pct. of Area QS Holders	2006 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2006 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
4C	Juneau	1	0	1.3	0.0	-1	-100.0	8,747	0	-8,747	-100.0
cont.	Kenai Pen.	3	4	3.8	6.6	1	33.3	32,543	38,668	6,125	18.8
	Kodiak Borough	8	3	10.0	4.9	-5	-62.5	58,729	31,956	-26,773	-45.6
	Sitka	2	0	2.5	0.0	-2	-100.0	12,732	0	-12,732	-100.0
	SKG\YAK\ANG		1	0.0	1.6	1	0.0	0	20,198	20,198	-100.0
	Outside Alaska	32	21	40.0	34.4	-11	-34.4	55,299	101,474	46,175	83.5
		80	72								
4D	Aleutians West	1	0	1.5	0.0	-1	-100.0	67,584	0	-67,584	-100.0
	Anchorage Borough	1	2	1.5	4.3	1	100.0	84,640	89,779	5,139	6.1
	Dillingham	0	1	0.0	2.1	1	-100.0	0	122,473	122,473	0.0
	Juneau	1	1	1.5	2.1	0	0.0	24,235	213,044	188,809	779.1
	Kenai Pen.	2	2	2.9	4.3	0	0.0	38,354	190,366	152,012	396.3
	Kodiak Borough	10	7	14.7	14.9	-3	-30.0	20,784	89,010	68,226	328.3
	Sitka	2	1	2.9	2.1	-1	-50.0	20,240	17,588	-2,652	-13.1
	SKG\YAK\ANG	1	2	1.5	4.3	1	100.0	14,118	21,747	7,629	54.0
	PSG\Wrangell	4	0	5.9	0.0	-4	-100.0	26,521	0	-26,521	-100.0
	Outside Alaska	46	31	67.6	66.0	-15	-32.6	100,013	108,977	8,964	9.0
		68	47								
4E	Aleutians East	1	1	1.0	1.0	0	0.0	0	3,878	3,878	100.0
	Aleutians West	1	1	1.0	1.0	0	0.0	4,184	4,184	0	0.0
	Anchorage Borough	9	13	8.7	12.6	4	44.4	566	1,121	555	98.0
	Bethel	42	44	40.4	42.7	2	4.8	1,757	1,654	-103	-5.8
	Bristol Bay	10	10	9.6	9.7	0	0.0	493	638	145	29.4
	Dillingham	21	16	20.2	15.5	-5	-23.8	171	119	-52	-30.3
	Kenai Pen.	2	1	1.9	1.0	-1	-50.0	319	354	35	11.0
	Kodiak Borough	2	2	1.9	1.9	0	0.0	3,396	3,396	-1	0.0
	Lake and Pen.	4	0	3.8	0.0	-4	-100.0	343	0	-343	-100.0
	MatSu Borough	2	1	1.9	1.0	-1	-50.0	10,162	12,156	1,994	19.6
	Prince of Wales	1	1	1.0	1.0	0	0.0	83	83	0	0.0
	Valdez\CDV	1	1	1.0	1.0	0	0.0	489	489	0	0.0
	PSG\Wrangell	2	2	1.9	1.9	0	0.0	1,108	1,108	0	0.0
	Outside Alaska	6	10	5.8	9.7	4	66.7	2,101	1,420	-681	-32.4
		104	103								

11 New Entrants in the Halibut Fishery

Other sections of this report provide the net result of QS consolidations and transfer activities that have occurred since the initial QS allocation. Some of the transferred QS went to initial issuees and some went to persons who were new to the fishery or the management area. The tables in this section present data that show the extent to which new entrants received QS and entered the halibut fishery. The data indicates that significant numbers of persons who were not initial issuees for an area were able to acquire halibut QS.

The IFQ program provides free transferability of QS, subject to several constraints designed to temper consolidation and preserve opportunities for the smaller boat and part-time portion of the fleet that existed under open access. These constraints are discussed in Chapter 1 and in other sections of this report.

Any United States citizen or entity may receive freezer vessel QS through transfer. Persons who receive catcher vessel QS through transfer must be initial QS recipients or IFQ crewmembers. Under the IFQ program, an IFQ crewmember is defined as any individual who has at least 150 days experience working as part of a harvesting crew in any United States commercial fishery or as any individual who receives an initial allocation of QS.

New entrants may also participate in the fishery through regulations which allow an individual to transfer QS to the individual's solely owned corporation (a new entity). In addition, new entrants can also occur because of transfers due to court order, operation of law, or as part of a security agreement. However, in these latter cases IFQ is not assigned unless the person receiving the QS transfer meets all eligibility requirements.

Table 11-1a shows, by area, the amount and percentage of QS still held annually by initial QS recipients at year end of each year from 1995 through 2006. The table also indicates average the QS holdings and percentage these initial holders represent of all QS holders.

The table also shows the amount and percentage of halibut QS held year end by new entrants to the area. Note that a new entrant in one area may have been an initial QS recipient in some other area(s). The table provides the number of new entrants to each area their average QS holdings and the percentage these new entrants represent of all QS holders.

By the end of 2006, significant numbers of new persons had received halibut QS and entered the halibut IFQ fishery, except in Area 4E, where all the TAC is allocated to CDQs. Outside of Area 4E, the percentage of QS holders that were new entrants to the area varied from 2.2% in Area 4C in 1995 to 34.4% in Area 4A in 2006. Similarly, the percentage of total QS that was held by new entrants to the area ranged from 2.5 % in Area 4C in 1995 to 34.4% in Area 4A in 2006.

Table 11-1a. Halibut QS Holdings for Initial Issuees and New Entrants at Year-end

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
2C	1995	55,150,457	93.5	27,603	1,998	93.6	3,814,780	6.5	28,050	136	6.4
	1996	51,911,593	87.9	31,122	1,668	86.9	7,113,974	12.1	28,230	252	13.1
	1997	50,809,049	85.3	34,848	1,458	83.7	8,740,811	14.7	30,778	284	16.3
	1998	49,500,477	83.1	36,291	1,364	80.9	10,050,780	16.9	31,311	321	19.1
	1999	47,956,925	80.5	37,702	1,272	78.2	11,598,454	19.5	32,764	354	21.8
	2000	47,154,326	79.5	38,619	1,221	77.6	12,143,612	20.5	34,499	352	20.5
	2001	45,438,183	76.6	39,477	1,151	75.4	13,895,522	23.4	36,956	376	23.4
	2002	44,545,667	75.0	40,167	1,109	73.8	14,812,636	25.0	37,691	393	25.0
	2003	43,308,087	73.1	41,523	1,043	71.6	15,968,498	26.9	38,571	414	26.9
	2004	42,152,749	71.3	43,278	974	69.4	16,953,239	28.7	39,426	430	28.7
	2005	40,583,156	68.7	43,921	924	67.3	18,495,954	31.3	41,286	448	31.3
	2006	39,389,398	66.8	44,308	889	65.8	19,555,262	33.2	42,327	462	33.2
3A	1995	172,324,360	94.3	66,381	2,596	93.9	10,359,550	5.7	61,664	168	6.1
	1996	164,736,451	89.4	75,119	2,193	86.3	19,574,594	10.6	56,249	348	13.7
	1997	161,434,392	87.4	83,386	1,936	82.6	23,306,263	12.6	57,264	407	17.4
	1998	158,786,733	86.0	87,102	1,823	81.1	25,936,743	14.0	61,172	424	18.9
	1999	155,096,176	83.9	90,488	1,714	79.4	29,710,652	16.1	66,766	445	20.6
	2000	154,494,893	84.1	92,512	1,670	80.1	29,161,231	15.9	70,438	414	15.9
	2001	149,405,368	82.1	94,143	1,587	78.0	32,537,343	17.9	72,628	448	17.9
	2002	146,949,750	80.8	95,795	1,534	76.6	34,866,320	19.2	74,501	468	19.2
	2003	143,174,626	78.4	98,267	1,457	74.7	39,497,741	21.6	80,117	493	21.6
	2004	142,370,469	78.0	104,301	1,365	72.5	40,068,010	22.0	77,202	519	22.0
	2005	141,584,213	77.6	108,245	1,308	71.5	40,854,407	22.4	78,415	521	22.4
	2006	139,074,424	76.0	111,617	1,246	70.0	44,003,904	24.0	82,250	535	24.0
3B	1995	50,341,765	94.3	55,381	909	95.0	3,052,648	5.7	63,597	48	5.0
	1996	46,719,660	86.8	65,895	709	84.6	7,105,067	13.2	55,078	129	15.4
	1997	44,638,098	82.8	78,588	568	79.4	9,274,451	17.2	63,092	147	20.6
	1998	43,842,676	81.4	84,638	518	77.4	9,997,912	18.6	66,211	151	22.6
	1999	41,847,770	77.7	90,384	463	73.1	12,010,896	22.3	70,652	170	26.9
	2000	44,770,762	84.0	95,257	470	78.2	8,506,033	16.0	64,932	131	16.0
	2001	43,503,763	82.8	99,097	439	76.1	9,015,434	17.2	65,329	138	17.2
	2002	42,653,668	81.4	101,315	421	74.3	9,717,313	18.6	66,557	146	18.6
	2003	41,312,920	78.4	100,763	410	72.2	11,413,947	21.6	72,240	158	21.6
	2004	40,446,584	76.8	104,784	386	70.6	12,245,565	23.2	76,059	161	23.2
	2005	39,837,696	75.5	105,391	378	70.5	12,909,668	24.5	81,707	158	24.5
	2006	38,949,783	74.2	109,718	355	69.2	13,526,459	25.8	85,611	158	25.8
4A	1995	13,040,372	91.3	29,043	449	93.9	1,236,540	8.7	42,639	29	6.1
	1996	11,815,427	81.9	31,848	371	85.7	2,606,473	18.1	42,040	62	14.3

Table 11-1a continued. Halibut QS Holdings for Initial Issuees and New Entrants at Year-end

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
4A	1997	10,892,274	75.1	37,175	293	76.7	3,610,691	24.9	40,570	89	23.3
Cont.	1998	10,877,763	75.0	40,288	270	75.2	3,625,246	25.0	40,733	89	24.8
	1999	10,462,594	72.1	42,359	247	73.1	4,041,402	27.9	44,411	91	26.9
	2000	11,455,197	80.2	46,948	244	79.0	2,824,711	19.8	43,457	65	19.8
	2001	11,009,332	77.5	49,369	223	77.2	3,194,080	22.5	48,395	66	22.5
	2002	10,510,619	74.5	50,051	210	74.2	3,591,152	25.5	49,194	73	25.5
	2003	10,646,012	74.9	51,932	205	74.3	3,571,486	25.1	50,303	71	25.1
	2004	10,228,970	72.0	51,924	197	72.2	3,969,124	28.0	52,225	76	28.0
	2005	9,400,351	66.1	51,936	181	68.3	4,830,395	33.9	57,505	84	33.9
	2006	9,357,437	65.6	54,089	173	66.8	4,900,139	34.4	56,978	86	34.4
4B	1995	8,792,299	97.5	63,712	138	95.2	229,965	2.5	32,852	7	4.8
	1996	8,850,686	95.4	69,690	127	90.1	430,691	4.6	30,764	14	9.9
	1997	7,811,522	84.1	75,111	104	78.8	1,473,252	15.9	52,616	28	21.2
	1998	7,551,262	81.3	78,659	96	77.4	1,733,512	18.7	61,911	28	22.6
	1999	7,086,755	76.3	84,366	84	71.8	2,198,019	23.7	66,607	33	28.2
	2000	6,733,282	77.8	87,445	77	70.0	1,916,658	22.2	58,081	33	22.2
	2001	6,468,628	74.8	92,409	70	64.8	2,178,944	25.2	57,341	38	25.2
	2002	6,400,813	74.2	100,013	64	62.1	2,231,050	25.8	57,206	39	25.8
	2003	6,351,862	73.9	102,449	62	60.2	2,239,783	26.1	54,629	41	26.1
	2004	6,424,830	74.8	105,325	61	59.8	2,162,237	25.2	52,737	41	25.2
	2005	6,131,329	71.4	100,514	61	60.4	2,455,738	28.6	61,393	40	28.6
	2006	5,862,550	68.3	96,107	61	59.8	2,724,517	31.7	66,452	41	31.7
4C	1995	3,882,732	97.8	49,779	78	97.5	86,454	2.2	43,227	2	2.5
	1996	3,494,154	88.0	46,589	75	93.8	475,032	12.0	95,006	5	6.3
	1997	3,344,897	84.3	49,190	68	88.3	624,289	15.7	69,365	9	11.7
	1998	3,313,935	83.5	52,602	63	87.5	655,251	16.5	72,806	9	12.5
	1999	3,125,975	78.8	52,100	60	84.5	642,056	16.2	53,505	12	17.6
	2000	3,043,339	82.6	56,358	54	81.8	642,056	17.4	53,505	12	17.4
	2001	3,140,673	81.4	65,431	48	80.0	719,554	18.6	59,963	12	18.6
	2002	3,049,444	79.0	66,292	46	78.0	810,783	21.0	62,368	13	21.0
	2003	2,830,107	72.4	61,524	46	75.4	1,077,286	27.6	71,819	15	27.6
	2004	2,834,989	72.6	63,000	45	73.8	1,072,404	27.4	67,025	16	27.4
	2005	2,906,174	74.1	64,582	45	72.6	1,013,296	25.9	59,606	17	25.9
	2006	2,906,174	74.1	64,582	45	73.8	1,013,296	25.9	63,331	16	25.9

Table 11-1a continued. Halibut QS Holdings for Initial Issuees and New Entrants at Year-end

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
4D	1995	4,576,433	97.7	70,407	65	97.0	109,563	2.3	54,782	2	3.0
	1996	4,313,438	90.0	69,572	62	91.2	477,053	10.0	79,509	6	8.8
	1997	3,826,338	79.9	83,181	46	75.4	964,153	20.1	64,277	15	24.6
	1998	3,580,412	75.4	94,221	38	67.9	1,165,906	24.6	64,773	18	32.1
	1999	3,757,766	77.9	104,382	36	67.9	1,067,337	22.1	62,785	17	32.1
	2000	3,776,508	84.4	99,382	38	77.6	700,303	15.6	63,664	11	15.6
	2001	3,517,111	78.6	97,698	36	76.6	959,700	21.4	87,245	11	21.4
	2002	3,503,215	78.3	109,475	32	71.1	973,596	21.7	74,892	13	21.7
	2003	3,401,209	74.5	109,716	31	67.4	1,164,576	25.5	77,638	15	25.5
	2004	3,540,455	78.5	114,208	31	68.9	969,802	21.5	69,272	14	21.5
	2005	3,540,455	78.5	118,015	30	69.8	969,802	21.5	74,600	13	21.5
	2006	3,540,455	78.5	118,015	30	69.8	969,802	21.5	74,600	13	21.5
4E	1995	139,999	100.0	1,346	104	100.0	0	0.0	0	0	0.0
	1996	139,999	100.0	1,346	104	100.0	0	0.0	0	0	0.0
	1997	138,143	98.7	1,341	103	99.0	1,856	1.3	1,856	1	1.0
	1998	138,143	98.7	1,341	103	99.0	1,856	1.3	1,856	1	1.0
	1999	138,143	98.7	1,341	103	99.0	1,856	1.3	1,856	1	1.0
	2000	138,143	100.0	1,341	103	100.0	0	0.0	0	0	0.0
	2001	138,143	100.0	1,341	103	100.0	0	0.0	0	0	0.0
	2002	138,143	100.0	1,341	103	100.0	0	0.0	0	0	0.0
	2003	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2004	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2005	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2006	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5

12 Halibut: Changes in Landings and Delivery Patterns

This chapter provides data on Landing and delivery patterns in the halibut fishery. Tables in this chapter show time-series data of halibut deliveries from 1990 through 2006. Tables also show the number of persons who recorded landings, including the seasons before and after implementation of the IFQ program. Other tables show quarterly Landing data, the Landing by QS holder, residence, and finally, a comparison of Landings by QS owners with Landings by hired skippers. Information in this chapter may be compared with ex-vessel price data found in chapter 15 to desire ex-vessel value of the fisheries.

Landing data from 1990 through 1994 are based on ADF&G halibut fish tickets that are processed by the International Pacific Halibut Commission (IPHC). ADF&G data (from 1995 to on) are derived from the NMFS-RAM Landing database.

12.1 Deliveries by State, Census Area, Annual Quarter, and Residency

Table 12-1 provides time-series data on the commercial landing of halibut in Alaska from 1990 through 2006. The data from 1995 to 2006 include only the commercial halibut catch in the IFQ fisheries. Halibut caught in the CDQ fisheries are excluded as well as discarded fish.

Landing data are broken out by place of delivery: Alaska, Washington, or other states. Total annual Landings in the halibut fishery depend primarily upon the IFQ "total allowable catch (TAC)" set annually by the IPHC. Total landings decreased substantially from 1990 to 1995, then rose sharply in 1997 and remained high thru 2006.

Delivery patterns, as expressed as a percentage of total landings, have shown only small variations during the 1990 to 2006 time period. The percentage of total landing that was delivered in Alaska was lowest in 1994 when 87.2% of the catch was brought to Alaska ports. The highest percentage of landings delivered in Alaska was in 2005 at 97.7%. Washington State has received the highest percent of deliveries in 1994 at 9.1% and the lowest percent of landings at 2.3% in 2005. Other states had deliveries from 3.7% in 1994 to 0.0% in 2006, with the highest percentages before 1997.

Table 12-2 Provides delivery patterns for halibut delivered to Alaska ports during the 1990-2006 period. Alaska deliveries are broken out by census areas, showing the total pounds delivered to ports in each census area and the percent of the total annual landings that these deliveries represent. Note that some census areas have been aggregated to protect confidential data.

Table 12-2 indicates that delivery patterns varied slightly from year to year in each census area since 1990. The Kenai Peninsula / Anchorage aggregated area and the Kodiak census area consistently received the largest number of pounds delivered. There

was a large increase in deliveries to the Kenai / Anchorage aggregated area in 2002, deliveries to Kodiak dropped in that year.

Some areas have shown changes after 1994, and these changes may or may not have been a result of the IFQ program. For example, the percent of total landing delivered to ports in the Wrangell/Petersburg, Sitka, and Juneau census areas rose slightly after 1994, whereas deliveries to the Valdez-Cordova census area and the Ketchikan/Prince of Wales aggregated area decreased slightly after 1994.

Table 12-3 presents data on the number of persons with landings and the average pounds landed for each IFQ management area. This table shows the comparison of the 1990 to 1994 average number of persons with landings and average pounds landed with those data for each of the IFQ fishing seasons from 1995 to 2006. It also shows the number of persons who received initial QS allocations in each area.[59]

The number of persons who received initial allocations is higher than the 1990-1994 average annual number of persons with landings because persons were eligible to apply for QS if they owned or leased a vessel that made landings in the halibut fishery in any of the 1988, 1989, or 1990 fishing seasons. Therefore, the sum of the initial QS recipients is considerably more than the 1990-1994 average annual number of persons with landings. Also, persons who received CDQ compensation QS in Areas 2C, 3A, 3B, and 4A increased the number of persons who received initial allocations. Many CDQ compensation QS recipients did not make landings in Areas 2C, 3A, 3B, or 4A over the 1990-1994 period.

Table 12-4 Average catches in the 1995 and 1996 seasons declined in most areas from the 1990-1994 average, then rose in 1997 to 2004. This likely reflects the low TACs for the IFQ fishery in 1995 and 1996, followed by a substantial increase in area TACs in 1997. There has also been a consolidation of QS holdings through QS transfer since 1995, which also contributes to a rise in average catches.

Table 12-5 classifies data on 1995─2006 halibut IFQ landings by area, year, and QS owner state of residence. No landing data are given for Area 4E because the entire TAC in this area was used as CDQ. Note the count of persons with landings in this table represents the number of unique IFQ permitholders with landings. However, an IFQ permitholder may or may not own the QS they are fishing. For example, QS owners can hire a skipper to fish their IFQ for them, or they may lease their QS to another person. Table 12-5 indicates that in Areas 2C, 3A, 3B, 4A, and 4C, Most IFQ permitholders with landings used QS owned by Alaska residents. Quota share owners from Alaska were also credited with the most pounds landed in Areas 2C, 3A, and 4C in all four of the 1995 through 2006 fishing seasons. In Areas 4B and 4D, the most permitholders with landings

[59] 1990-1994 data were summarized from ADF&G halibut fish tickets. Persons with landings during this period represent CFEC permit holders. 1995-1998 data were summarized from NMFS-RAM landing data. Persons with landings during this period represent IFQ permit holders.

used QS owned by persons from Washington. Quota share owners from states other than Alaska or Washington were credited with relatively small amounts of the landings.

Table 12-1. Alaska Halibut Landing (Pounds) by State of Delivery, 1990–2006

Year	Total Landing (pounds)	Deliveries in Alaska	Percent of Total	Deliveries in Washington	Percent of Total	Deliveries in Other States	Percent of Total
1990	52,675,501	47,765,659	90.7	3,447,559	6.5	1,462,283	2.8
1991	49,535,011	45,371,157	91.6	2,435,690	4.9	1,728,164	3.5
1992	51,829,522	48,004,844	92.6	2,664,275	5.1	1,160,403	2.2
1993	48,136,903	42,337,477	88.0	4,272,358	8.9	1,527,068	3.2
1994	44,449,185	38,743,518	87.2	4,044,663	9.1	1,661,004	3.7
1995	32,151,518	28,928,791	90.0	2,449,319	7.6	773,408	2.4
1996	35,386,715	31,550,982	89.2	2,919,948	8.3	915,785	2.6
1997	49,095,785	45,088,878	91.8	3,638,411	7.4	368,496	0.8
1998	51,204,432	46,555,094	90.9	4,020,612	7.9	628,726	1.2
1999	56,210,210	53,240,344	94.6	2,662,648	4.9	307,218	0.6
2000	51,796,153	49,619,382	95.8	1,990,693	3.8	186,078	0.4
2001	55,758,769	53,685,086	96.3	2,022,076	3.6	51,607	0.1
2002	58,122,339	55,975,405	96.3	2,002,812	3.5	144,122	0.3
2003	57,412,044	55,852,629	97.3	1,516,144	2.6	43,271	0.1
2004	55,758,773	55,595,880	99.7	1,623,554	2.9	47,186	0.1
2005	55,192,929	53,906,791	97.7	1,286,138	2.3	0	0.0
2006	52,226,380	50,833,139	97.3	1,393,241	2.7	0	0.0

Note: 1995 through 2006 data are for commercial landings in the IFQ fishery. Landings in the CDQ fisheries are excluded**.** Halibut is reported in net weight (headed, gutted) pounds.

Table 12-2. Halibut Deliveries by Alaska Census Area, 1990–2006

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Ketchikan / Prince of Wales census area	1990	1,942,000	3.7
	1991	1,911,697	3.9
	1992	1,703,872	3.3
	1993	2,321,464	4.8
	1994	1,460,823	3.3
	1995	847,948	2.6
	1996	953,121	2.7
	1997	1,173,801	2.4
	1998	1,071,830	2.1
	1999	986,393	1.8
	2000	920,702	1.8
	2001	1,050,881	1.9
	2002	986,848	1.6
	2003	927,476	1.6
	2004	961,778	1.6
	2005	764,717	1.3
	2006	825,477	1.5
Wrangell-Petersburg census area	1990	2,840,482	5.4
	1991	3,020,475	6.1
	1992	4,001,618	7.7
	1993	4,080,373	8.5
	1994	3,127,081	7.0
	1995	3,246,480	10.1
	1996	3,910,093	11.0
	1997	4,079,426	8.3
	1998	3,708,180	7.2
	1999	3,562,686	6.3
	2000	3,515,806	6.7
	2001	5,355,405	9.5
	2002	5,649,811	9.3
	2003	4,915,111	8.3
	2004	7,159,520	11.9
	2005	7,933,939	13.5
	2006	7,396,609	13.4
Sitka Borough census area	1990	3,641,814	6.9
	1991	2,958,129	6.0
	1992	3,175,217	6.1
	1993	2,992,668	6.2
	1994	2,803,115	6.3
	1995	2,820,092	8.8
	1996	2,820,113	8.0
	1997	3,516,651	7.2
	1998	3,486,480	6.8
	1999	2,777,769	4.9
	2000	2,331,546	4.5
	2001	2,547,093	4.5
	2002	2,252,114	3.7
	2003	2,840,864	4.8
	2004	3,660,390	6.1
	2005	3,710,605	6.3
	2006	3,857,215	7.0
Juneau Borough census area	1990	408,214	0.8
	1991	535,065	1.1
	1992	529,830	1.0
	1993	557,836	1.2
	1994	280,865	0.6
	1995	433,345	1.3
	1996	902,835	2.6
	1997	1,570,949	3.2
	1998	1,833,971	3.6
	1999	2,962,357	5.3

Table 12-2 continued. Halibut Deliveries by Alaska Census Area, 1990–2006

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Juneau Borough continued	2000	2,646,156	5.1
	2001	2,345,232	4.2
	2002	2,786,812	4.6
	2003	2,611,751	4.4
	2004	3,270,697	5.4
	2005	3,701,678	6.3
	2006	3,062,161	5.5
Haines Borough census area	1990	44,198	0.1
	1991	56,887	0.1
	1992	78,842	0.2
	1993	83,548	0.2
	1994	45,613	0.1
	1995	24,541	0.1
	1996	31,881	0.1
	1997	81,574	0.2
	1998	826,951	1.6
	1999	587,140	1.0
	2000	374,422	0.7
	2001	178,325	0.3
	2002	166,728	0.3
	2003	152,038	0.3
	2004	134,165	0.2
	2005	152,475	0.3
	2006	35,908	0.1
Skagway-Yakutat-Angoon census area	1990	3,845,839	7.3
	1991	3,937,826	7.9
	1992	3,323,678	6.4
	1993	3,187,587	6.6
	1994	3,314,498	7.5
	1995	2,724,128	8.5
	1996	2,668,009	7.5
	1997	3,683,774	7.5
	1998	2,578,823	5.0
	1999	2,864,296	5.1
	2000	2,169,258	4.1
	2001	2,756,107	4.9
	2002	2,472,238	4.1
	2003	2,531,207	4.3
	2004	2,357,645	3.9
	2005	2,612,123	4.5
	2006	2,823,848	5.1
Valdez-Cordova census area	1990	2,696,106	5.1
	1991	2,215,080	4.5
	1992	2,531,212	4.9
	1993	2,169,612	4.5
	1994	2,054,731	4.6
	1995	1,120,292	3.5
	1996	1,201,136	3.4
	1997	1,770,250	3.6
	1998	1,630,121	3.2
	1999	1,961,125	3.5
	2000	1,464,141	2.8
	2001	1,764,658	3.1
	2002	1,862,913	3.1
	2003	1,945,760	3.3
	2004	2,030,989	3.4
	2005	2,437,906	4.2
	2006	2,209,835	4.0

Table 12-2 continued. Halibut Deliveries by Alaska Census Area: 1990-2006

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Kenai Peninsula / Anchorage census area	1990	13,023,317	24.7
	1991	9,983,561	20.2
	1992	11,341,357	21.9
	1993	9,798,350	20.4
	1994	10,189,738	22.9
	1995	6,275,966	19.5
	1996	7,573,031	21.4
	1997	10,317,629	21.0
	1998	16,437,570	32.1
	1999	18,628,330	33.1
	2000	15,316,319	29.3
	2001	19,787,911	35.0
	2002	21,457,413	35.3
	2003	19,615,568	33.0
	2004	17,957,428	29.9
	2005	16,624,219	28.4
	2006	15,736,461	28.5
Kodiak Island Borough census area	1990	12,994,537	24.7
	1991	12,444,552	25.1
	1992	13,468,618	26.0
	1993	10,206,830	21.2
	1994	9,437,156	21.2
	1995	7,391,397	23.0
	1996	7,169,024	20.3
	1997	11,012,851	22.4
	1998	8,941,033	17.5
	1999	10,056,808	17.9
	2000	9,258,799	17.7
	2001	8,515,583	15.1
	2002	7,891,904	13.0
	2003	7,820,880	13.2
	2004	8,509,514	14.2
	2005	8,339,017	14.2
	2006	8,502,370	15.4
Aleutians/Alaska Peninsula/Bering Sea census area	1990	6,329,152	12.0
	1991	8,307,885	16.8
	1992	7,850,600	15.1
	1993	6,939,209	14.4
	1994	6,029,898	13.6
	1995	4,044,602	12.6
	1996	4,321,739	12.2
	1997	7,881,973	16.1
	1998	6,040,135	11.8
	1999	8,823,053	15.7
	2000	12,250,604	23.4
	2001	11,529,944	20.4
	2002	13,134,329	21.6
	2003	14,325,800	24.1
	2004	12,416,832	20.7
	2005	10,882,450	18.6
	2006	9,340,873	16.9

Table 12-3. Comparison of Persons with Landings 1990 to 2006.

Area	1990-94 Avg. Persons With Landings	Persons With Initial Allocation	1995 Persons With Landings	1996 Persons With Landings	1997 Persons With Landings	1998 Persons With Landings	1999 Persons With Landings	2000 Persons With Landings	2001 Persons With Landings	2002 Persons With Landings	2003 Persons With Landings	2004 Persons With Landings	2005 Persons With Landings	2006 Persons With Landings
2C	1,635	2,387	1,319	1,321	1,275	1,116	1,149	1,159	1,092	1,131	1,124	1,116	1,079	1,084
3A	2,007	3,070	1,537	1,553	1,501	1,314	1,298	1,448	1,404	1,431	1,439	1,407	1,399	1,402
3B	450	1,055	436	467	479	438	546	518	498	504	514	489	490	487
4A	187	529	180	192	185	166	215	230	216	223	218	215	213	210
4B	75	152	60	73	82	61	82	87	94	97	96	95	89	83
4C	61	80	37	43	48	33	54	45	44	34	33	36	12	11
4D	31	68	30	38	38	24	37	46	43	45	46	49	62	65
4E	72	104	0	0	0	0	0	0	0	0	0	0	0	0

Table 12-4 Average Landings in the Halibut Fishery from 1995 to 2006.

Area	1995 Average Landings	1996 Average Landings	1997 Average Landings	1998 Average Landings	1999 Average Landings	2000 Average Landings	2001 Average Landings	2002 Average Landings	2003 Average Landings	2004 Average Landings	2005 Average Landings	2006 Average Landings
2C	6,103	5,844	6,377	7,496	8,538	7,068	7,482	7,456	7,333	9,040	9,694	9,539
3A	12,567	11,547	12,431	16,113	18,660	12,477	15,008	15,765	15,484	17,484	17,942	17,798
3B	18,215	7,219	7,480	18,276	24,128	28,843	32,293	33,968	33,347	31,358	26,539	22,170
4A	12,670	8,727	9,032	14,934	19,281	21,137	22,332	22,205	22,456	15,777	15,606	15,526
4B	24,317	20,789	22,547	31,402	33,965	41,687	37,422	33,126	31,308	22,837	17,929	14,709
4C	11,666	8,098	6,894	10,512	14,337	16,252	16,473	14,259	12,877	13,285	6,530	11,318
4D	30,040	14,361	12,819	19,921	35,117	29,957	31,834	30,228	30,892	24,534	27,072	23,552
4E	72	104	0	0	0	0	0	0	0	0	0	0

Table 12-5. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
2C	1995	Alaska	6,396,384	83.0	1,111	84.0	5,757
		Washington	1,057,612	13.7	180	13.6	5,876
		Other	254,418	3.3	31	2.3	8,207
			7,708,414				
	1996	Alaska	7,206,211	85.5	1,133	85.6	6,360
		Washington	983,093	11.7	159	12.0	6,183
		Other	235,114	2.8	32	2.4	7,347
			8,424,418				
	1997	Alaska	8,071,508	84.5	1,085	85.0	7,439
		Washington	1,152,870	12.1	158	12.4	7,297
		Other	332,887	3.5	34	2.7	9,791
			9,557,265				
	1998	Alaska	8,096,531	85.0	932	83.4	8,687
		Washington	1,107,517	11.6	151	13.5	7,335
		Other	324,830	3.4	34	3.0	9,554
			9,528,878				
	1999	Alaska	8,225,261	83.9	935	84.3	8,797
		Washington	1,264,738	12.9	140	12.6	9,034
		Other	316,518	3.2	34	3.1	9,309
			9,806,517				
	2000	Alaska	7,965,110	97.2	1,142	97.9	6,975
		Washington	160,731	2.0	21	1.8	7,654
		Other	65,928	0.8	4	0.3	16,482
			8,191,769				
	2001	Alaska	8,004,300	98.0	1,081	98.1	7,405
		Washington	114,266	1.4	16	1.5	7,142
		Other	51,606	0.6	5	0.5	10,321
			8,170,172				
	2002	Alaska	8,268,533	98.1	1,119	98.4	7,389
		Washington	110,862	1.3	14	1.2	7,919
		Other	53,018	0.6	4	0.4	13,255
			8,432,413				
	2003	Alaska	8,130,489	98.6	1,114	98.8	7,298
		Washington	111,778	1.4	14	1.2	7,984
		Other	0	0.0	0	0.0	0
			8,242,267				
	2004	Alaska	7,965,110	97.2	1,142	97.9	6,975
		Washington	160,731	2.0	21	1.8	7,654
		Other	65,928	0.8	4	0.3	0
			8,191,769				
	2005	Alaska	10,414,037	99.6	1,077	99.4	9,669
		Washington	45,409	0.4	7	0.6	6,487
		Other	0	0.0	0	0.0	0

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
2C Cont.	2005		10,459,446				
	2006	Alaska	10,273,994	99.4	1,078	98.9	9,531
		Washington	65,805	0.6	12	1.1	5,484
		Other	0	0.0	0	0.0	0
			10,339,799				
3A	1995	Alaska	11,530,786	65.0	1,179	75.8	9,780
		Washington	4,049,864	22.8	242	15.6	16,735
		Other	2,166,476	12.2	134	8.6	16,168
			17,747,126				
	1996	Alaska	12,721,850	65.9	1,203	76.1	10,575
		Washington	4,419,937	22.9	244	15.4	18,114
		Other	2,163,575	11.2	133	8.4	16,267
			19,305,362				
	1997	Alaska	15,660,257	64.8	1,162	76.0	13,477
		Washington	5,749,423	23.8	234	15.3	24,570
		Other	2,775,483	11.5	132	8.6	21,026
			24,185,163				
	1998	Alaska	15,885,469	64.8	1,001	74.9	15,870
		Washington	5,768,119	23.5	219	16.4	26,338
		Other	2,865,464	11.7	117	8.8	24,491
			24,519,052				
	1999	Alaska	15,345,068	63.3	1,011	76	15,178
		Washington	6,014,391	24.8	205	15.4	29,338
		Other	2,864,532	11.8	114	8.6	25,127
			24,223,991				
	2000	Alaska	16,756,674	92.8	1,425	96.0	11,759
		Washington	1,240,512	6.9	55	3.7	22,555
		Other	68,910	0.4	4	0.3	0
			18,066,096				
	2001	Alaska	19,724,311	93.6	1,390	96.3	14,190
		Washington	1,347,156	6.4	53	3.7	25,418
		Other	0	0.0	0	0.0	0
			21,071,467				
	2002	Alaska	20,871,228	92.5	1,414	95.9	14,760
		Washington	1,631,684	7.2	60	4.1	27,195
		Other	57,256	0.3	1	0.1	0
			22,560,168				
	2003	Alaska	21,057,998	94.5	1,425	96.3	14,778
		Washington	1,180,672	5.3	52	3.5	22,705
		Other	43,271	0.2	2	0.1	0
			22,281,941				

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
3A Cont.	2004	Alaska	16,756,674	92.8	1,425	96.1	11,759
		Washington	1,240,512	6.9	55	3.7	22,555
		Other	68,910	0.4	3	0.2	0
			18,066,096				
	2005	Alaska	23,745,116	94.6	1,386	96.5	17,132
		Washington	1,307,487	5.2	49	3.4	26,683
		Other	47,930	0.2	2	0.1	0
			25,100,533				
	2006	Alaska	10,273,994	99.4	1,078	98.9	9,531
		Washington	65,805	0.6	12	1.1	5,484
		Other	0	0.0	0	0.0	0
			10,339,799				
3B	1995	Alaska	1,534,337	48.8	297	66.7	5,166
		Washington	1,205,253	38.3	95	21.3	12,687
		Other	407,710	13.0	53	11.9	7,693
			3,147,300				
	1996	Alaska	1,775,541	50.8	336	69.7	5,284
		Washington	1,309,219	37.5	104	21.6	12,589
		Other	408,463	11.7	42	8.7	9,725
			3,493,223				
	1997	Alaska	4,370,288	49.9	342	69.8	12,779
		Washington	3,314,813	37.9	104	21.2	31,873
		Other	1,068,992	12.2	44	9.0	24,295
			8,754,093				
	1998	Alaska	5,137,337	48.6	302	67.1	17,011
		Washington	3,995,401	37.8	101	22.4	39,558
		Other	1,435,343	13.6	47	10.4	30,539
			10,568,081				
	1999	Alaska	6,621,375	50.2	318	67.5	20,822
		Washington	4,721,484	35.8	101	21.4	46,747
		Other	1,839,981	14	52	11	35,384
			13,182,840				
	2000	Alaska	14,299,934	95.7	515	96.8	27,767
		Washington	589,450	3.9	16	3.0	36,841
		Other	51,240	0.3	1	0.2	0
			14,940,624				
	2001	Alaska	15,640,537	97.3	498	97.8	31,407
		Washington	441,607	2.7	11	2.2	40,146
		Other	0	0.0	0	0.0	0
			16,082,144				
	2002	Alaska	16,825,663	98.3	504	98.6	33,384
		Washington	260,266	1.5	6	1.2	43,378

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
3B Cont.	2002	Other	33,848	0.2	1	0.2	0
			17,119,777		511		
	2003	Alaska	16,856,980	98.3	513	98.5	32,860
		Washington	223,694	1.3	6	1.2	37,282
		Other	59,931	0.3	2	0.4	0
			17,140,605				
	2004	Alaska	14,299,934	95.7	515	96.8	27,767
		Washington	589,450	3.9	16	3.0	36,841
		Other	51,240	0.3	1	0.2	0
			14,940,624				
	2005	Alaska	12,959,971	99.7	490	99.2	26,449
		Washington	43,945	0.3	4	0.8	10,986
		Other	0	0.0	0	0.0	0
			13,003,916				
	2006	Alaska	10,669,248	98.8	484	99.0	22,044
		Washington	127,375	1.2	5	1.0	25,475
		Other	0	0.0		0.0	0
			10,796,623				
4A	1995	Alaska	670,764	42.7	99	54.1	6,775
		Washington	647,145	41.2	62	33.9	10,438
		Other	252,989	16.1	22	12.0	11,500
			1,570,898				
	1996	Alaska	795,519	45.9	115	56.7	6,918
		Washington	692,103	39.9	65	32.0	10,648
		Other	246,579	14.2	23	11.3	10,721
			1,734,201				
	1997	Alaska	1,324,224	47.9	119	61.7	11,128
		Washington	995,793	36.0	53	27.5	18,789
		Other	442,711	16.0	21	10.9	21,081
			2,762,728				
	1998	Alaska	1,492,572	46.6	105	59.0	14,215
		Washington	1,122,875	35.1	50	28.1	22,458
		Other	585,163	18.3	23	12.9	25,442
			3,200,610				
	1999	Alaska	1,973,432	47.5	107	58.5	18,443
		Washington	1,419,856	34.2	54	29.5	26,294
		Other	757,587	18.3	22	12	34,436
			4,150,875				
	2000	Alaska	4,861,514	100.0	230	100.0	21,137
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
4A Cont.			4,861,514				
	2001	Alaska	4,823,638	100.0	216	100.0	22,332
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			4,823,638				
	2002	Alaska	4,951,724	100.0	223	100.0	22,205
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			4,951,724				
	2003	Alaska	4,842,456	98.9	216	99.1	22,419
		Washington	0	0.0	0	0.0	0
		Other	53,014	1.1	2	0.9	0
			4,895,470				
	2004	Alaska	4,861,514	100.0	230	100.0	21,137
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			4,861,514				
	2005	Alaska	3,323,997	100.0	213	100.0	15,606
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			3,323,997				
	2006	Alaska	3,260,395	100.0	210	100.0	15,526
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			3,260,395				
4B	1995	Alaska	320,174	25.7	20	32.8	16,009
		Washington	825,314	66.2	32	52.5	25,791
		Other	101,835	8.2	9	14.8	11,315
			1,247,323				
	1996	Alaska	479,053	29.1	28	36.4	17,109
		Washington	1,067,297	64.8	40	51.9	26,682
		Other	99,582	6.1	9	11.7	11,065
			1,645,932				
	1997	Alaska	799,862	31.1	38	43.2	21,049
		Washington	1,583,058	61.5	40	45.5	39,576
		Other	192,068	7.5	10	11.4	19,207
			2,574,988				
	1998	Alaska	549,073	26.5	22	34.4	24,958
		Washington	1,373,186	66.3	36	56.3	38,144
		Other	149,620	7.2	6	9.4	24,937
			2,071,879				

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
4B Cont.	1999	Alaska	914,705	33	28	40	32,668
		Washington	1,724,430	62.2	36	51.4	47,901
		Other	134,646	4.9	6	8.6	22,441
			2,773,781				
	2000	Alaska	3,626,754	100.0	87	100.0	41,687
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			3,626,754				
	2001	Alaska	3,398,611	96.6	94	98.9	36,155
		Washington	119,047	3.4	1	1.1	119,047
		Other	0	0.0	0	0.0	0
			3,517,658				
	2002	Alaska	3,213,189	100.0	97	100.0	33,126
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			3,213,189		97		
	2003	Alaska	3,005,534	100.0	96	100.0	31,308
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			3,005,534		96		
	2004	Alaska	3,626,754	100.0	87	100.0	41,687
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			3,626,754		87		
	2005	Alaska	1,595,682	100.0	89	100.0	17,929
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,595,682		89		
	2006	Alaska	1,220,833	100.0	83	100.0	14,709
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,220,833		83		
4C	1995	Alaska	164,957	55.1	25	65.8	6,598
		Washington	83,577	27.9	10	26.3	8,358
		Other	51,108	17.1	3	7.9	17,036
			299,642				
	1996	Alaska	180,163	60.8	29	65.9	6,213
		Washington	78,198	26.4	10	22.7	7,820
		Other	38,078	12.8	5	11.4	7,616
			296,439				

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
4C Cont.	1997	Alaska	309,598	61.4	33	66.0	9,382
		Washington	146,359	29.0	13	26.0	11,258
		Other	48,611	9.6	4	8.0	12,153
			504,568				
	1998	Alaska	248,205	52.5	23	65.7	10,792
		Washington	154,660	32.7	8	22.9	19,333
		Other	70,255	14.8	4	11.4	17,564
			473,120				
	1999	Alaska	388,065	50.6	26	63.4	14,926
		Washington	282,919	36.9	11	26.8	25,720
		Other	96,510	12.6	4	9.8	24,128
			767,494				
	2000	Alaska	731,358	100.0	45	100.0	16,252
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			731,358				
	2001	Alaska	724,815	100.0	44	100.0	16,473
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			724,815				
	2002	Alaska	484,815	100.0	34	100.0	14,259
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			484,815				
	2003	Alaska	424,935	100.0	33	100.0	12,877
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			424,935				
	2004	Alaska	731,358	100.0	45	100.0	16,252
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			731,358				
	2005	Alaska	78,361	100.0	12	100.0	6,530
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			78,361				
	2006	Alaska	124,494	100.0	12	100.0	10,375
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			124,494				
4D	1995	Alaska	20,085	4.7	5	16.7	4,017
		Washington	347,887	80.8	22	73.3	15,813

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of Residence of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
4D Cont.	1995	Other	62,843	14.6	3	10.0	20,948
			430,815				
	1996	Alaska	67,097	13.8	8	20.0	8,387
		Washington	350,388	71.9	27	67.5	12,977
		Other	69,655	14.3	5	12.5	13,931
			487,140				
	1997	Alaska	147,131	19.4	12	31.6	12,261
		Washington	496,158	65.5	22	57.9	22,553
		Other	113,691	15.0	4	10.5	28,423
			756,980				
	1998	Alaska	100,708	11.9	5	20.8	20,142
		Washington	602,641	71.5	16	66.7	37,665
		Other	139,463	16.5	3	12.5	46,488
			842,812				
	1999	Alaska	277,213	21.2	11	30.6	25,201
		Washington	821,682	63	21	58.3	39,128
		Other	205,817	15.8	4	11.1	51,454
			1,304,712				
	2000	Alaska	1,378,038	100.0	46	100.0	29,957
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,378,038				
	2001	Alaska	1,368,875	100.0	43	100.0	31,834
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,368,875				
	2002	Alaska	1,360,253	100.0	45	100.0	30,228
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,360,253				
	2003	Alaska	1,421,028	100.0	46	100.0	30,892
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,421,028				
	2004	Alaska	1,378,038	100.0	46	100.0	29,957
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,378,038		46		
	2005	Alaska	1,678,464	100.0	62	100.0	27,072
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0

Table 12-5 continued. Halibut Landing (pounds), by Area, Year, and State of QS Owner

Area	Year	State of Residence of QS Owner	Total Landing	Percent of Area Landing	IFQ Permit Holders With Landings	Pct. Of Permit Holders	Average Annual Landing
			1,678,464				
4D Cont.	2006	Alaska	1,530,854	100.0	65	100.0	23,552
		Washington	0	0.0	0	0.0	0
		Other	0	0.0	0	0.0	0
			1,530,854				

- Note: Harvest of 4C in 4D is allowed under Statutory 70 FR 43328, July 27, 2005. Final rule to modify the IFQ Program and the CDQ Program to allow quota share holders in International Pacific Halibut Commission Regulatory Area 4C to fish their Area 4C IFQ or CDQ in Area 4D. Effective July 22, 2005.

12.2 Landings by QS Holders and Hired Skippers

Table 12-6 provides data on landings by QS holders and hired skippers. The IFQ program rules allow some QS holders to employ a "hired skipper" to landing their IFQ.

For example, in all management areas except Area 2C, an individual who received an initial QS allocation in the catcher vessel categories B, C, or D does not have to be aboard the vessel and sign IFQ landing reports if that individual has at least a 20% ownership interest in the vessel on which the halibut or sablefish IFQ are landed, and the individual is represented on the vessel by a hired skipper.[63] Because this exemption is confined to initial individual QS recipients and to non-individual QS holders only, the number of fishing operations where hired skippers are allowed should decrease over time as initial QS recipients transfer their QS holdings.

Persons who hold freezer vessel QS may use hired skippers to operate the vessels and sign IFQ landing reports in any management area, and they do not have to own the vessel that is used in the fishing operation.

Corporations or partnerships that received an initial catcher vessel QS allocation may use their IFQ if they own at least a 20% interest in the vessel on which the IFQ is fished and they are represented on the vessel by a "master," or skipper, who is an employee of the corporation or partnership.[64]

A hired skipper is defined in this analysis as a person who makes a landing and signs an IFQ report for the landing of someone else's IFQ. It is a common practice in the halibut

[63] 50 CFR 679.42 (c) and (i). These new minimum ownership regulations were first implemented by NMFS in 1998. They also provide for some "grandfathered" privileges whereby some initial QS holders who had used a hired skipper prior to April 17, 1997 can continue to do so, even if their ownership interest is less than 20%.
[64] See 50 CFR 679.42(j)

fishery for two or more IFQ holders to fish together and landing each person's IFQ from a single vessel, which is usually owned by one of the IFQ holders. If each individual, records their delivery using their own IFQ permit card then this does not constitute a "hired skipper" in this analysis.

Some "hired skippers," as identified herein, may actually be *de facto* QS lease arrangements. The regulatory requirement that the initial QS holder own at least 20% of the vessel that is being used to landing the IFQ was meant to discourage leasing of QS. However, this regulation was only implemented by NMFS in 1998. In prior years, the regulation was not specific concerning the percentage ownership interest that the QS holder needed to have. There have been cases in which an initial catcher vessel QS holder purchased a percentage ownership interest in a vessel and then the skipper of that vessel fished all of the person's IFQ.

While the Council wanted to provide for hired skippers, it did not want to expand the leasing privilege. The Council adopted a proposed regulation for a 20% minimum vessel ownership percentage in September, 1997 [65] in order to constrain this practice. NMFS-RAM, acting on the Council's intent, implemented the rule in 1998.

[65] At their September 1997 meeting in Seattle, the Council adopted a proposal requiring initial recipients of catcher vessel QS who wanted to use a designated skipper to hold a 20% ownership interest in any vessel used by their hired skipper. Some "grandfathered" privileges are included in the new rule that will allow some initial QS holders who had used a hired skipper prior to April 17, 1997 to continue to use a hired skipper on a vessel where they have a smaller ownership interest. NMFS-RAM began implementing the Council's intent in 1998. (See page 6, *The IFQ Program: 1998 Report To The Fleet* published by NMFS-RAM in February 1998.) These rules were incorporated into regulations as 50 CFR 679.42 9(i)(1) and 50 CFR 679.42(j).

The data indicate a substantial amount of the halibut landing were made by hired skippers, especially in the westward management areas. Note that more restrictive rules in Area 2C and a small amount of freezer vessel IFQ available in that area kept the number of operations with hired skippers much lower than other areas. In the other management areas there has been a marked increase between 1995 and 1998 and then maintained steady till 2006 in the landings by hired skippers. For example, in Area 3B in 1995, 67 hired skippers were credited with 21.8% of the landings. In following years, the number of hired skippers and their percentage of the catch increased until 2004, when 157 hired skippers took 53.8% of the area landing. Over time the use of hired masters should decrease as initial issuee "persons" leave the fishery.

NMFS-RAM landing records for corporations or partnerships should show IFQ permit identifiers for hired skippers. However, in some instances especially during the first few years of the IFQ fishery, landings records on the NMFS-RAM database show IFQ identifiers for corporations or partnerships rather than employed "masters," or skippers. Although it is not possible for a non-human corporate entity to actually skipper a vessel, this anomaly makes counting hired skippers on the NMFS data difficult. Therefore, the actual number of hired skippers is probably underestimated in Tables 12-6 and 12-7.

Table 12-7 illustrates the same information as Table 12-6, except it is broken out by vessel category. The table shows that the rate of use of hired skippers and the percent of landings taken by operations using hired skippers increased from 1995 to 2006 in most cases and vessel categories. Larger catcher vessel categories tend to have higher instances of use of hired skippers. Freezer vessels have high rates of use of hired skippers, which is related to the more liberal program rules for hired skippers aboard freezer vessels and the fact that a higher proportion of freezer shares were issued to non individual persons.

Table 12-6. Halibut Landing (pounds)by QS Holders and Hired Skippers, 1995-2006

Area	Year	QS Holders With Landings	Landing by QS Holders	QS Holdings % of Total	Hired Skippers With Landings	Landing by Hired Skipper	Skipper Landing As a % of Total	Total Landing
2C	1995	1,307	7,646,188	99.2	19	62,226	0.8	7,708,414
	1996	1,301	8,323,774	98.8	28	100,644	1.2	8,424,418
	1997	1,253	9,384,833	98.2	32	172,432	1.8	9,557,265
	1998	1,091	9,288,212	97.5	38	240,666	2.5	9,528,878
	1999	1,085	9,604,838	97.9	33	201,679	2.1	9,806,517
	2000	1,078	8,001,485	97.7	37	190,284	2.3	8,191,769
	2001	1,014	7,975,000	97.6	33	195,172	2.4	8,170,172
	2002	1,039	8,233,136	97.6	35	199,235	2.4	8,432,371
	2003	1,031	8,037,313	97.5	36	204,954	2.5	8,242,267
	2004	1,024	9,867,549	97.8	33	219,867	2.2	10,087,416
	2005	988	10,225,876	97.8	29	233,570	2.2	10,459,446
	2006	1,001	10,107,047	97.8	33	229,061	2.2	10,336,108
3A	1995	1,457	15,214,222	85.7	115	2,532,904	14.3	17,747,126
	1996	1,456	15,462,551	80.1	151	3,842,811	19.9	19,305,362
	1997	1,356	16,671,796	68.9	202	7,513,367	31.1	24,185,163
	1998	1,163	15,943,600	65.0	213	8,575,452	35.0	24,519,052
	1999	1,172	16,160,050	66.7	200	8,063,941	33.3	24,223,991
	2000	1,129	11,596,476	64.3	207	6,447,719	35.7	18,044,195
	2001	1,097	13,267,299	63.0	208	7,804,168	37.0	21,071,467
	2002	1,121	14,691,622	65.1	190	7,865,953	34.9	22,557,575
	2003	1,110	14,389,182	64.6	192	7,888,619	35.4	22,277,801
	2004	1,070	15,484,090	62.9	197	9,115,978	37.1	24,600,068
	2005	1,039	15,225,715	60.8	212	9,825,387	39.2	25,051,102
	2006	1,038	15,048,617	60.3	220	9,897,292	39.7	24,945,909
3B	1995	379	2,462,537	78.2	67	684,763	21.8	3,147,300
	1996	404	2,395,549	68.6	87	1,097,674	31.4	3,493,223
	1997	383	4,864,069	55.6	126	3,890,024	44.4	8,754,093
	1998	336	5,150,471	48.7	132	5,417,610	51.3	10,568,081
	1999	347	6,782,006	51.4	140	6,400,834	48.6	13,182,840
	2000	342	7,621,794	51.0	145	7,318,830	49.0	14,940,624
	2001	320	7,581,919	47.1	145	8,500,225	52.9	16,082,144
	2002	324	8,379,205	48.9	156	8,740,572	51.1	17,119,777
	2003	327	8,082,740	47.2	157	9,057,865	52.8	17,140,605
	2004	303	7,076,900	46.2	157	8,255,624	53.8	15,332,524
	2005	297	6,081,498	46.8	156	6,912,801	53.2	12,994,299
	2006	291	4,973,804	46.3	154	5,779,371	53.8	10,753,175
4A	1995	146	1,062,404	67.6	38	508,494	32.4	1,570,898
	1996	145	1,035,775	59.7	58	698,426	40.3	1,734,201
	1997	139	1,366,130	49.4	60	1,396,598	50.6	2,762,728
	1998	121	1,519,992	47.5	62	1,680,618	52.5	3,200,610
	1999	124	2,017,582	48.6	65	2,133,293	51.4	4,150,875
	2000	129	2,374,011	48.8	68	2,487,503	51.2	4,861,514
	2001	112	2,024,674	42.0	72	2,798,964	58.0	4,823,638
	2002	118	2,269,599	45.8	75	2,682,125	54.2	4,951,724
	2003	112	2,089,418	42.7	67	2,806,052	57.3	4,895,470
	2004	108	1,426,530	42.9	69	1,897,696	57.1	3,324,226
	2005	108	1,575,170	47.4	63	1,748,827	52.6	3,323,997
	2006	108	1541063	47.3	63	1,718,602	52.7	3,259,665
4B	1995	44	1,021,688	81.9	17	225,635	18.1	1,247,323
	1996	40	890,954	54.1	36	754,978	45.9	1,645,932
	1997	47	994,477	38.6	41	1,580,511	61.4	2,574,988
	1998	32	801,741	38.7	33	1,270,138	61.3	2,071,879
	1999	36	966,746	34.9	38	1,807,035	65.1	2,773,781
	2000	43	1,251,757	27.4	51	3,312,704	72.6	4,564,461
	2001	44	1,353,838	30.9	52	3,031,514	69.1	4,385,352
	2002	42	997,944	24.7	53	3,047,258	75.3	4,045,202
	2003	42	978,998	25.6	46	2,848,423	74.4	3,827,421
	2004	39	778,770	29.1	43	1,893,438	70.9	2,672,208

Table 12-6 continued. Halibut Landing (pounds) by QS Holders and Hired Skippers, 1995-2006

Area	Year	QS Owners With Landings	Landing by QS Owners	Owner Landing % of Total	Hired Skippers With Landings	Landing by Hired Skipper	Skipper Landing % of Total	Total Landing
4B Cont.	2005	36	512,266	26.5	34	1,419,846	73.5	1,932,112
	2006	32	404,253	26.0	35	1,150,580	74.0	1,554,833
4C	1995	32	212,589	70.9	5	87,053	29.1	299,642
	1996	33	208,371	70.3	11	88,068	29.7	296,439
	1997	38	356,128	70.6	14	148,440	29.4	504,568
	1998	22	199,052	42.1	14	274,068	57.9	473,120
	1999	31	470,124	61.3	12	297,370	38.7	767,494
	2000	27	417,393	23.9	45	1,328,740	76.1	1,746,133
	2001	23	310,825	17.9	47	1,421,522	82.1	1,732,347
	2002	16	179,925	15.1	45	1,013,498	84.9	1,193,423
	2003	18	168,633	19.0	36	717,483	81.0	886,116
	2004	17	204,504	21.4	41	750,943	78.6	955,447
	2005	8	23,239	4.3	25	518,789	95.7	542,028
	2006	8	122,627	24.3	23	375,093	75.4	497,720
4D	1995	20	288,224	66.9	10	142,591	33.1	430,815
	1996	18	213,344	43.8	23	273,796	56.2	487,140
	1997	13	230,420	30.4	27	526,560	69.6	756,980
	1998	10	280,109	33.2	17	562,703	66.8	842,812
	1999	17	537,437	41.2	22	767,275	58.8	1,304,712
	2000	20	516,597	37.5	23	861,441	62.5	1,378,038
	2001	14	363,891	26.6	25	1,004,984	73.4	1,368,875
	2002	16	420,872	23.9	30	1,338,228	76.1	1,759,100
	2003	19	530,364	27.8	27	1,375,833	72.2	1,906,197
	2004	21	516,730	31.6	27	1,116,704	68.4	1,633,434
	2005	22	525,905	20.8	33	1,999,480	79.2	2,525,385
	2006	26	507,714	21.4	38	1,870,273	78.6	2,377,987

Table 12-7. Halibut Landings (pounds) by QS Holders and Hired Skippers, 1995 and 2006, by Vessel Category

Area	Vessel Category	Year	QS Holders With Landings	Landing by QS Holders	Holders Landings % of Total	Hired Skippers With Landings	Landings by Hired Skipper	Skipper Landings % of Total	Total Landings
2C	Freezer	1995	18	C	C	1	C	C	162,188
		1996	17	C	C	2	C	C	181,483
		1997	18	C	C	3	C	C	207,640
		1998	19	176,069	86.5	4	27,513	13.5	203,582
		1999	19	184,101	87.3	4	26,863	12.7	210,964
		2000	19	C	C	3	C	C	177,219
		2001	19	151,645	82.7	4	31,639	17.3	183,284
		2002	21	133,085	75.0	6	44,257	25.0	177,342
		2003	17	118,964	66.5	8	59,834	33.5	178,798
		2004	18	161,060	74.5	8	55,177	25.5	216,237
		2005	19	150,728	69.2	6	67,160	30.8	217,888
		2006	17	151,216	68.7	8	68,741	31.3	219,957
	GT 60 ft.	1995	57	321,949	91.9	11	28,453	8.1	350,402
		1996	54	349,458	92.4	13	28,820	7.6	378,278
		1997	49	373,502	86.6	13	57,951	13.4	431,453
		1998	46	379,608	86.9	14	57,060	13.1	436,668
		1999	40	385,961	90.6	11	40,035	9.4	425,996
		2000	41	311,060	86.9	14	46,754	13.1	357,814
		2001	37	328,599	90.4	13	35,043	9.6	363,642
		2002	42	327,379	90.1	13	35,808	9.9	363,187
		2003	43	327,437	89.9	12	36,804	10.1	364,241
		2004	43	409,518	91.6	12	37,542	8.4	447,060
		2005	44	420,474	91.7	11	38,035	8.3	458,509
		2006	45	432,994	91.9	12	37,918	8.1	470,912
	36-60 ft.	1995	824	6,185,670	99.5	7	32,573	0.5	6,218,243
		1996	803	6,620,593	99.0	13	63,887	1.0	6,684,480
		1997	788	7,495,728	98.6	17	104,237	1.4	7,599,965
		1998	723	7,550,230	98.0	20	155,384	2.0	7,705,614
		1999	724	7,740,039	98.3	19	134,781	1.7	7,874,820
		2000	720	6,426,925	98.0	21	128,624	2.0	6,555,549
		2001	687	6,452,132	98.0	17	128,490	2.0	6,580,622
		2002	698	6,597,289	98.2	17	119,170	1.8	6,716,459
		2003	691	6,427,062	98.3	17	108,316	1.7	6,535,378
		2004	690	7,904,795	98.4	14	127,148	1.6	8,031,943
		2005	676	8,201,086	98.5	13	128,375	1.5	8,329,461
		2006	670	8,071,922	98.5	13	122,402	1.5	8,194,324
	LE 35 ft.	1995	424	977,581	100.0	0	0	0.0	977,581
		1996	455	1,180,177	100.0	0	0	0.0	1,180,177
		1997	440	1,318,207	100.0	0	0	0.0	1,318,207
		1998	337	C	C	1	C	C	1,183,014
		1999	345	1,294,737	100.0	0	0	0.0	1,294,737
		2000	340	1,101,187	100.0	0	0	0.0	1,101,187
		2001	311	1,042,624	100.0	0	0	0.0	1,042,624
		2002	332	1,175,383	100.0	0	0	0.0	1,175,383
		2003	334	1,163,850	100.0	0	0	0.0	1,163,850
		2004	327	1,392,176	100.0	0	0	0.0	1,392,176
		2005	308	1,453,588	100.0	0	0	0.0	1,453,588
		2006	317	1,450,915	100.0	0	0	0.0	1,450,915
3A	Freezer	1995	25	322,695	79.8	5	81,842	20.2	404,537
		1996	20	306,895	60.3	9	202,119	39.7	509,014
		1997	19	219,752	35.9	11	391,623	64.1	611,375
		1998	16	273,711	42.9	17	364,294	57.1	638,005
		1999	19	272,273	43.8	17	349,611	56.2	621,884
		2000	13	172,488	36.4	21	301,212	63.6	473,700
		2001	16	216,316	39.9	18	325,865	60.1	542,181
		2002	16	233,318	38.8	20	368,351	61.2	601,669
		2003	18	211,385	36.5	19	367,670	63.5	579,055
		2004	12	243,180	38.1	20	394,656	61.9	637,836
		2005	11	169,434	26.1	21	478,935	73.9	648,369
		2006	12	211,757	33.0	22	430,192	67.0	641,949

Table 12-7 continued. Halibut Landings (pounds) by QS Holders and Hired Skippers, 1995 and 2006, by Vessel Category

Area	Vessel Category	Year	QS Holders With Landings	Landing by QS Holders	Holders Landings % of Total	Hired Skippers With Landings	Landings by Hired Skipper	Skipper Landings % of Total	Total Landings
3A Cont.	GT 60 ft.	1995	191	5,067,335	74.8	57	1,709,099	25.2	6,776,434
		1996	186	4,997,907	68.4	75	2,308,700	31.6	7,306,607
		1997	165	4,470,553	49.8	102	4,500,687	50.2	8,971,240
		1998	149	3,813,671	40.9	116	5,509,420	59.1	9,323,091
		1999	158	4,116,481	45.0	98	5,027,772	55.0	9,144,253
		2000	153	2,884,193	42.6	107	3,881,022	57.4	6,765,215
		2001	145	3,227,674	40.4	106	4,763,096	59.6	7,990,770
		2002	156	3,665,974	43.4	101	4,784,000	56.6	8,449,974
		2003	164	3,794,903	45.8	95	4,499,156	54.2	8,294,059
		2004	158	3,931,794	42.7	101	5,274,458	57.3	9,206,252
		2005	157	3,892,476	41.3	107	5,530,552	58.7	9,423,028
		2006	156	3,709,991	39.9	112	5,595,248	60.1	9,305,239
	36-60 ft.	1995	940	8,913,543	92.5	48	722,507	7.5	9,636,050
		1996	960	9,057,165	87.4	68	1,303,051	12.6	10,360,216
		1997	895	10632307	80.8	94	2,523,890	19.2	13,156,197
		1998	788	10539134	80.0	95	2,637,845	20.0	13,176,979
		1999	796	0,427,059	80.0	100	2,614,506	20.0	13,041,565
		2000	720	7,505,180	77.3	103	2,206,879	22.7	9,712,059
		2001	687	8,671,827	76.9	100	2,608,836	23.1	11,280,663
		2002	698	9,466,790	78.2	88	2,640,564	21.8	12,107,354
		2003	691	9,081,329	75.6	96	2,929,852	24.4	12,011,181
		2004	690	9,869,862	74.8	101	3,328,653	25.2	13,198,515
		2005	676	9,725,316	72.5	121	3,687,312	27.5	13,412,628
		2006	670	9,609,348	71.7	127	3,799,701	28.3	13,409,049
	LE 35 ft.	1995	329	910,649	97.9	6	19,456	2.1	930,105
		1996	342	1,100,584	97.4	6	28,941	2.6	1,129,525
		1997	350	1,349,184	93.3	17	97,167	6.7	1,446,351
		1998	271	1,317,084	95.4	11	63,893	4.6	1,380,977
		1999	284	1,344,237	94.9	10	72,052	5.1	1,416,289
		2000	273	1,034,615	94.6	11	58,606	5.4	1,093,221
		2001	261	1,151,482	91.5	11	106,371	8.5	1,257,853
		2002	267	1,325,540	94.8	12	73,038	5.2	1,398,578
		2003	269	1,301,565	93.4	13	91,941	6.6	1,393,506
		2004	261	1,439,254	92.4	13	118,211	7.6	1,557,465
		2005	265	1,486,419	92.0	15	128,588	8.0	1,615,007
		2006	269	1,518,463	95.5	12	72,150	4.5	1,590,613
3B	Freezer	1995	11	C	C	1	C	C	104,290
		1996	8	67,312	66.0	8	34,709	34.0	102,021
		1997	8	102,942	40.8	10	149,498	59.2	252,440
		1998	8	121,530	37.7	11	201,137	62.3	322,667
		1999	6	126,793	33.6	10	250,021	66.4	376,814
		2000	7	182,166	40.4	14	268,831	59.6	450,997
		2001	6	197,010	41.3	12	279,730	58.7	476,740
		2002	5	131,626	26.0	13	375,229	74.0	506,855
		2003	6	140,200	27.9	13	363,193	72.1	503,393
		2004	5	137,750	31.3	17	301,814	68.7	439,564
		2005	6	75,416	19.3	19	315,903	80.7	391,319
		2006	5	70,887	24.9	12	213,235	75.1	284,122
	GT 60 ft.	1995	100	1,365,767	73.5	38	491,505	26.5	1,857,272
		1996	96	1,172,321	59.1	49	809,639	40.9	1,981,960
		1997	80	2,102,882	43.0	76	2,787,389	57.0	4,890,271
		1998	75	1,984,636	33.3	84	3,976,476	66.7	5,961,112
		1999	88	2,791,350	37.9	92	4,569,051	62.1	7,360,401
		2000	84	3,075,463	36.6	91	5,317,770	63.4	8,393,233
		2001	81	2,893,468	32.3	89	6,071,525	67.7	8,964,993
		2002	87	3,371,207	35.5	94	6,134,682	64.5	9,505,889
		2003	91	3,323,390	35.0	88	6,174,559	65.0	9,497,949
		2004	89	2,741,460	32.1	94	5,792,681	67.9	8,534,141

Table 12-7 continued. Halibut Landings (pounds) by QS Holders and Hired Skippers, 1995 and 2006, by Vessel Category

Area	Vessel Category	Year	QS Holders With Landings	Landing by QS Holders	Holders Landings % of Total	Hired Skippers With Landings	Landings by Hired Skipper	Skipper Landings % of Total	Total Landings
3B Cont.	GT 60 ft.	2005	85	2,518,513	34.8	89	4,727,425	65.2	7,245,938
		2006	89	2,095,897	35.0	85	3,888,331	65.0	5,984,228
	36-60 ft.	1995	230	916,368	83.3	26	183,490	16.7	1,099,858
		1996	267	1,064,435	80.8	32	253,249	19.2	1,317,684
		1997	269	2,426,141	72.1	50	936,720	27.9	3,362,861
		1998	236	2,760,792	69.4	50	1,217,978	30.6	3,978,770
		1999	236	3,496,184	69.2	53	1,555,713	30.8	5,051,897
		2000	241	3,925,784	69.5	56	1,723,522	30.5	5,649,306
		2001	227	4,049,917	65.5	61	2,134,425	34.5	6,184,342
		2002	226	4,374,192	66.4	67	2,210,997	33.6	6,585,189
		2003	217	4,182,570	63.0	72	2,455,161	37.0	6,637,731
		2004	203	3,821,580	64.7	67	2,080,878	35.3	5,902,458
		2005	199	3,154,638	63.5	73	1,810,455	36.5	4,965,093
		2006	191	2,541,392	61.1	78	1,621,248	38.9	4,162,640
	LE 35 ft.	1995	41	C	C	2	C	C	85,880
		1996	50	C	C	1	C	C	91,558
		1997	49	C	C	2	C	C	248,521
		1998	43	C	C	3	C	C	305,532
		1999	40	C	C	2	C	C	393,728
		2000	43	C	C	2	C	C	447,088
		2001	35	C	C	2	C	C	456,069
		2002	39	502,180	96.2	5	19,664	3.8	521,844
		2003	41	436,580	87.0	6	64,952	13.0	501,532
		2004	35	376,110	82.4	6	80,251	17.6	456,361
		2005	37	332,931	84.9	5	59,018	15.1	391,949
		2006	37	265,628	82.4	6	56,557	17.6	322,185
4A	Freezer	1995	9	C	C	1	C	C	74,886
		1996	5	36,954	46.6	6	42,277	53.4	79,231
		1997	4	51,410	44.1	6	65,285	55.9	116,695
		1998	3	C	C	6	C	C	125,713
		1999	4	78,595	41.4	6	111,219	58.6	189,814
		2000	5	65,656	34.1	9	127,057	65.9	192,713
		2001	5	100,672	50.5	6	98,735	49.5	199,407
		2002	5	104,273	46.6	10	119,582	53.4	223,855
		2003	3	C	C	7	C	C	211,104
		2004	2	C	C	10	C	C	143,392
		2005	3	C	C	6	C	C	146,784
		2006	3	C	C	5	C	C	144,382
	GT 60 ft.	1995	57	627,660	63.7	24	357,684	36.3	985,344
		1996	56	534,345	52.0	38	493,370	48.0	1,027,715
		1997	48	653,878	39.7	41	991,971	60.3	1,645,849
		1998	47	712,913	36.8	49	1,223,746	63.2	1,936,659
		1999	46	882,897	36.0	49	1,569,586	64	2,452,483
		2000	50	1,062,942	37.0	45	1,808,891	63.0	2,871,833
		2001	44	818,846	28.4	49	2,062,370	71.6	2,881,216
		2002	50	1,011,162	34.8	47	1,890,911	65.2	2,902,073
		2003	46	1,000,886	35.0	47	1,856,999	65.0	2,857,885
		2004	45	713,789	36.3	46	1,250,023	63.7	1,963,812
		2005	48	803,157	41.7	43	1,124,690	58.3	1,927,847
		2006	50	746,451	39.5	42	1,142,530	60.5	1,888,981
	36-60 ft.	1995	45	269,737	65.3	13	143,092	34.7	412,829
		1996	55	371,848	71.7	14	146,737	28.3	518,585
		1997	57	479,984	59.8	21	323,185	40.2	803,169
		1998	51	569,053	61.3	16	359,316	38.7	928,369
		1999	55	795,224	64.9	17	429,552	35.1	1,224,776
		2000	60	902,556	62.2	23	548,346	37.8	1,450,902
		2001	55	794,872	55.5	23	636,061	44.5	1,430,933
		2002	54	836,159	55.9	27	658,782	44.1	1,494,941
		2003	53	711,499	48.2	23	764,857	51.8	1,476,356
		2004	49	486,666	49.6	24	495,192	50.4	981,858
		2005	48	513,286	50.6	24	502,116	49.4	1,015,402

Table 12-7 continued. Halibut Landings (pounds) by QS Holders and Hired Skippers, 1995 and 2006, by Vessel Category

Area	Vessel Category	Year	QS Holders With Landings	Landing by QS Holders	Holders Landings % of Total	Hired Skippers With Landings	Landings by Hired Skipper	Skipper Landings % of Total	Total Landings
4A Cont	36-60 ft.	2006	52	526,017	53.4	23	459,814	46.6	985,831
	LE 35 ft.	1995	39	97,839	100.0	0	0	0.0	97,839
		1996	37	C	C	2	C	C	108,670
		1997	42	C	C	1	C	C	197,015
		1998	36	C	C	1	C	C	209,869
		1999	35	C	C	1	C	C	283,802
		2000	34	C	C	1	C	C	346,066
		2001	31	C	C	1	C	C	312,082
		2002	32	C	C	2	C	C	330,855
		2003	30	311,978	89.1	4	38,147	10.9	350,125
		2004	32	194,442	82.7	4	40,722	17.3	235,164
		2005	32	C	C	2	C	C	233,964
		2006	32	C	C	3	C	C	240,471
4B	Freezer	1995	1	C	C	3	C	C	45,513
		1996	0	0	0.0	8	109,335	100.0	109,335
		1997	1	C	C	7	C	C	158,783
		1998	1	C	C	4	C	C	70,304
		1999	2	C	C	4	C	C	198,734
		2000	1	C	C	6	C	C	235,163
		2001	1	C	C	6	C	C	218,662
		2002	1	C	C	6	C	C	212,152
		2003	1	C	C	6	C	C	190,147
		2004	0	0	0.0	6	136,232	100.0	136,232
		2005	1	C	C	5	C	C	93,482
		2006	0	0	0.0	5	66,737	100.0	66,737
	GT 60 ft.	1995	34	889,961	84.1	12	168,648	15.9	1,058,609
		1996	31	744,645	56.8	23	566,277	43.2	1,310,922
		1997	29	782,500	40.3	27	1,157,918	59.7	1,940,418
		1998	22	626,022	36.5	27	1,089,437	63.5	1,715,459
		1999	27	768,201	34.4	28	1,464,971	65.6	2,233,172
		2000	30	948,190	33.6	29	1,870,015	66.4	2,818,205
		2001	32	1,073,413	39.3	35	1,658,141	60.7	2,731,554
		2002	30	795,430	31.4	32	1,737,964	68.6	2,533,394
		2003	31	765,198	33.3	32	1,534,562	66.7	2,299,760
		2004	31	694,491	40.0	27	1,042,980	60.0	1,737,471
		2005	28	434,644	33.5	22	862,827	66.5	1,297,471
		2006	24	353,537	35.8	24	635,274	64.2	988,811
	36-60 ft.	1995	8	C	C	2	C	C	142,305
		1996	9	146,309	64.8	6	79,366	35.2	225,675
		1997	12	197,189	41.9	9	273,437	58.1	470,626
		1998	11	165,987	58.6	5	117,483	41.4	283,470
		1999	14	167,805	49.1	8	174,070	50.9	341,875
		2000	13	240,132	45.3	7	290,396	54.7	530,528
		2001	14	206,171	40.1	10	307,346	59.9	513,517
		2002	16	157,470	35.8	12	282,440	64.2	439,910
		2003	16	152,431	32.4	10	318,556	67.6	470,987
		2004	14	72,286	25.5	11	211,498	74.5	283,784
		2005	14	59,372	30.7	9	134,233	69.3	193,605
		2006	13	50,276	30.5	8	114,569	69.5	164,845
	LE 35 ft.	1995	1	C	C	0	C	C	896
		1997	5	5,161	100.0	0	0	0.0	5,161
		1998	2	C	C	0	C	C	2,646

Table 12-7 continued. Halibut Landings (pounds) by QS Holders and Hired Skippers, 1995 and 2006, by Vessel Category

Area	Vessel Category	Year	QS Holders With Landings	Landing by QS Holders	Holders Landings % of Total	Hired Skippers With Landings	Landings by Hired Skipper	Skipper Landings % of Total	Total Landings
4B Cont.	LE 35 ft.	2000	1	C	C	1	C	C	5,350
		2001	1	C	C	1	C	C	0
		2002	0	0	0.0	0	0	0.0	0
		2003	0	0	0.0	0	0	0.0	0
		2004	0	0	0.0	0	0	0.0	0
		2005	0	0	0.0	0	0	0.0	0
		2006	0	0	0.0	0	0	0.0	0
4C	GT 60 ft.	1995	7	C	C	3	C	C	131,229
		1996	9	84,928	55.1	8	69,297	44.9	154,225
		1997	9	101,390	47.0	10	114,474	53.0	215,864
		1998	5	35,156	13.8	9	219,457	86.2	254,613
		1999	9	179,707	46.2	9	209,400	53.8	389,107
		2000	10	146,240	41.9	9	202,945	58.1	349,185
		2001	8	67,234	18.9	10	289,234	81.1	356,468
		2002	9	69,477	26.3	10	194,467	73.7	263,944
		2003	13	83,145	33.5	7	164,989	66.5	248,134
		2004	11	111,189	40.9	11	160,435	59.1	271,624
		2005	3	C	C	3	C	C	71,606
		2006	1	C	C	0	0	0.0	C
	36-60 ft.	1995	8	C	C	2	C	C	77,125
		1996	5	C	C	3	C	C	67,923
		1997	6	73,407	68.4	6	33,966	31.6	107,373
		1998	6	62,729	55.6	5	50,081	44.4	112,810
		1999	6	C	C	3	C	C	182,969
		2000	4	77,912	42.9	4	103,791	57.1	181,703
		2001	4	76,568	38.0	5	124,756	62.0	201,324
		2002	4	64,134	41.0	4	92,454	59.0	156,588
		2003	4	68,743	42.9	5	91,313	57.1	160,056
		2004	3	C	C	6	C	C	164,947
		2005	0	0	0	0	0	0	0
		2006	1	C	C	1	C	C	C
	LE 35 ft.	1995	17	91,288	100.0	0	0	0.0	91,288
		1996	19	74,291	100.0	0	0	0.0	74,291
		1997	23	181,331	100.0	0	0	0.0	181,331
		1998	13	C	C	1	C	C	105,697
		1999	17	C	C	1	C	C	195,418
		2000	14	C	C	2	C	C	195,120
		2001	14	164,076	100.0	0	0	0.0	164,076
		2002	6	C	C	2	C	C	64,283
		2003	5	16,745	100.0	0	0	0.0	16,745
		2004	6	41,703	100.0	0	0	0.0	41,703
		2005	5	C	C	1	C	C	6,755
		2006	8	111,619	100.0	0	0	0.0	111,619
4D	Freezer	1995	1	C	C	1	C	C	27,142
		1996	0	C	C	2	C	C	35,466
		1997	0	0	0.0	4	56,718	100.0	56,718
		1998	0	C	C	2	C	C	47,147
		1999	0	C	C	3	C	C	107,555
		2000	0	0	0.0	5	128,737	100.0	128,737
		2001	0	0	0.0	5	113,262	100.0	113,262
		2002	0	0	0.0	4	105,142	100.0	105,142
		2003	0	0	0.0	5	128,785	100.0	128,785
		2004	0	0	0.0	5	97,984	100.0	97,984
		2005	0	0	0.0	4	103,131	100.0	103,131
		2006	0	0	0.0	4	95,354	100.0	95,354

Table 12-7 continued. Halibut Landings (pounds) by QS Holders and Hired Skippers, 1995 and 2006, by Vessel Category

Area	Vessel Category	Year	QS Holders With Landings	Landing by QS Holders	Holders Landings % of Total	Hired Skippers With Landings	Landings by Hired Skipper	Skipper Landings % of Total	Total Landings
4D Cont.	GT 60 ft.	1995	17	272,451	71.7	6	107,712	28.3	380,163
		1996	18	213,344	50.3	16	210,680	49.7	424,024
		1997	13	230,420	35.7	19	414,873	64.3	645,293
		1998	10	280,109	37.2	13	472,992	62.8	753,101
		1999	15	531,431	46.7	18	606,070	53.3	1,137,501
		2000	17	443,503	38.6	17	706,777	61.4	1,150,280
		2001	12	332,515	28.6	20	828,516	71.4	1,161,031
		2002	15	336,727	29.2	20	815,673	70.8	1,152,400
		2003	17	461,782	39.2	16	714,742	60.8	1,176,524
		2004	18	440,347	44.4	18	551,590	55.6	991,937
		2005	19	413,642	32.3	22	866,569	67.7	1,280,211
		2006	21	398,321	33.4	21	792,688	66.6	1,191,009
	36-60 ft.	1995	2	C	C	3	C	C	23,510
		1996	0	0	0.0	5	27,650	100.0	27,650
		1997	0	0	0.0	7	54,969	100.0	54,969
		1998	0	C	C	3	C	C	42,564
		1999	2	C	C	3	C	C	59,656

Note: C indicates confidential data

13. Halibut: Overharvest and Underharvest of IFQs and TACs

13.1 TACs and Harvests: 1990 to 2006

Table 13-1 provides comparison of actual harvests in each management area with the total allowable catch (TAC) for each year from 1990 through 2006. It shows the difference, in pounds, between the harvest and TAC and the percent of the TAC harvested.

The 1990 through 1994 harvest data are based on halibut fish tickets. The 1995 through 2006 data come from the NMFS-RAM IFQ catch database. Harvest data in the table include commercial catch in the IFQ fishery and exclude catches made for CDQs.

The TACs in Table 13-1 are the total allowable catches for only the commercial IFQ harvest. They do not include the portion of the TACs that were set aside for CDQs in Areas 4B, 4C, 4D, and 4E. No harvests are shown for Area 4E from 1995 to 2006 because the entire TAC in this area is allocated to CDQ. The harvest data in Table 13-1 also do not include portions of the harvest that were retained by fishermen after the harvest was delivered and reported.[59]

Prior to implementation of the IFQ program, "overages," or catches that exceeded the TAC, were common. However, harvests in the IFQ fishery from 1995 to 1998 fell below the IFQ TAC in all areas. The percentage of the TAC that was harvested in the IFQ fishery ranged from 8.6% of the TAC in Area 4C in 2005 to 99.4% in Area 3B in 2006.

The underharvest decreased from 1995 to 2006 in all areas except Area 4C.
In 2005 new regulations allowed harvest of 4C allocation in either 4C or 4D. This explains the low percent TAC harvest in 4C and the apparent overharvest TAC harvested in 4D for years 2005 and 2006.

[59]Under the NMFS IFQ catch reporting system, the entire harvest is required to be offloaded and weighed during the first delivery. If a portion of the catch is "retained" by the IFQ permit holder, it is entered on the catch reporting system as "retained catch." Catch may be retained for personal use, or it may be retained to sell to another processor or customer. The subsequent sale of retained catch does not result in an additional entry on the NMFS catch reporting system; i.e., the harvest is only recorded once. Nevertheless, the system does not allow a precise breakout of catch that is sold versus catch that is kept for personal use. It is likely that some of the retained catch is subsequently sold and should be included with the commercial harvest.

Table 13-1. Comparison of Halibut TACs and Harvest by Management Area, 1990 to 2006

Area	Year	Total Allowable Catch (TAC)	Total Area Harvest	Difference TAC (-) Harvest	Percent of TAC Harvested
2C	1990	9,500,000	9,705,514	-205,514	102.2
	1991	7,400,000	8,686,934	-1,286,934	117.4
	1992	10,000,000	9,816,892	183,108	98.2
	1993	10,000,000	11,289,516	-1,289,516	112.9
	1994	11,000,000	10,378,542	621,458	94.4
	1995	9,000,000	7,708,414	1,291,586	85.6
	1996	9,000,000	8,424,418	575,582	93.6
	1997	10,000,000	9,557,265	442,735	95.6
	1998	10,500,000	9,528,878	971,122	90.8
	1999	10,490,000	9,896,079	593,921	94.3
	2000	8,400,000	8,191,769	208,231	97.5
	2001	8,780,000	8,170,172	609,828	93.1
	2002	8,500,000	8,432,413	67,587	99.2
	2003	8,500,000	8,242,583	257,417	97.0
	2004	10,500,000	10,088,931	411,069	96.1
	2005	10,930,000	10,459,446	470,554	95.7
	2006	10,630,000	10,339,799	290,201	97.3
3A	1990	31,000,000	28,844,296	2,155,704	93.0
	1991	26,600,000	22,926,430	3,673,570	86.2
	1992	26,600,000	26,781,876	-181,876	100.7
	1993	20,700,000	22,737,512	-2,037,512	109.8
	1994	26,000,000	24,843,824	1,156,176	95.6
	1995	20,000,000	17,747,126	2,252,874	88.7
	1996	20,000,000	19,305,362	694,638	96.5
	1997	25,000,000	24,185,163	814,837	96.7
	1998	26,000,000	24,519,052	1,480,948	94.3
	1999	24,670,000	24,310,879	359,121	98.5
	2000	18,310,000	18,066,096	243,904	98.7
	2001	21,890,000	21,071,467	818,533	96.3
	2002	22,630,000	22,560,168	69,832	99.7
	2003	22,630,000	22,281,887	348,113	98.5
	2004	25,060,000	24,601,516	458,484	98.2
	2005	25,470,000	25,053,063	416,937	98.4
	2006	25,200,000	24,953,482	246,518	99.0
3B	1990	8,500,000	8,694,295	-194,295	102.3
	1991	8,800,000	11,934,312	-3,134,312	135.6
	1992	8,800,000	8,622,283	177,717	98.0
	1993	6,500,000	7,855,357	-1,355,357	120.9
	1994	4,000,000	3,860,240	139,760	96.5
	1995	3,700,000	3,147,300	552,700	85.1
	1996	3,700,000	3,493,223	206,777	94.4
	1997	9,000,000	8,754,093	245,907	97.3
	1998	11,000,000	10,568,081	431,919	96.1
	1999	13,370,000	13,217,473	152,527	98.9
	2000	15,030,000	14,940,624	89,376	99.4
	2001	16,530,000	16,082,144	447,856	97.3
	2002	17,130,000	17,119,777	10,223	99.9
	2003	17,130,000	17,140,605	-10,605	100.1
	2004	15,600,000	15,334,232	265,768	98.3
	2005	13,150,000	13,003,916	146,084	98.9
	2006	10,860,000	10,796,623	63,377	99.4
4A	1990	1,800,000	2,503,281	-703,281	139.1
	1991	1,700,000	2,254,990	-554,990	132.6
	1992	2,300,000	2,699,027	-399,027	117.3
	1993	2,020,000	2,560,741	-540,741	126.8
	1994	1,800,000	1,803,462	-3,462	100.2
	1995	1,950,000	1,570,898	379,102	80.6
	1996	1,950,000	1,734,201	215,799	88.9
	1997	2,940,000	2,762,728	177,272	94.0
	1998	3,500,000	3,200,610	299,390	91.4
	1999	4,240,000	4,165,215	74,785	98.2

Table 13-1. Comparison of Halibut TACs and Harvest by Management Area, 1990 to 2006

Area	Year	Total Allowable Catch (TAC)	Total Area Harvest	Difference TAC (-) Harvest	Percent of TAC Harvested
4A Cont.	2000	4,970,000	4,861,514	108,486	97.8
	2001	4,970,000	4,823,638	146,362	97.1
	2002	4,970,000	4,951,724	18,276	99.6
	2003	4,970,000	4,895,472	74,528	98.5
	2004	3,470,000	3,392,035	77,965	97.8
	2005	3,440,000	3,323,997	116,003	96.6
	2006	3,350,000	3,260,395	89,605	97.3
4B	1990	1,900,000	1,332,988	567,012	70.2
	1991	1,700,000	1,513,422	186,578	89.0
	1992	2,300,000	2,317,361	-17,361	100.8
	1993	2,300,000	1,962,364	337,636	85.3
	1994	2,100,000	2,017,108	82,892	96.1
	1995	1,848,000	1,247,323	600,677	67.5
	1996	1,848,000	1,645,932	202,068	89.1
	1997	2,784,000	2,574,988	209,012	92.5
	1998	2,800,000	2,071,879	728,121	74.0
	1999	3,184,000	2,776,569	407,431	87.2
	2000	3,928,000	3,626,754	301,246	92.3
	2001	3,928,000	3,517,658	410,342	89.6
	2002	3,344,000	3,213,189	130,811	96.1
	2003	3,344,000	3,005,534	338,466	89.9
	2004	2,248,000	2,169,480	78,520	96.5
	2005	1,808,000	1,595,682	212,318	88.3
	2006	1,336,000	1,220,833	115,167	91.4
4C	1990	600,000	529,481	70,519	88.2
	1991	600,000	678,093	-78,093	113.0
	1992	800,000	792,925	7,075	99.1
	1993	800,000	831,018	-31,018	103.9
	1994	700,000	714,882	-14,882	102.1
	1995	385,000	299,642	85,358	77.8
	1996	385,000	296,439	88,561	77.0
	1997	580,000	504,568	75,432	87.0
	1998	795,000	473,120	321,880	59.5
	1999	1,015,000	767,567	247,433	75.6
	2000	1,015,000	731,358	283,642	72.1
	2001	1,015,000	724,815	290,185	71.4
	2002	1,015,000	484,815	530,185	47.8
	2003	1,015,000	424,935	590,065	41.9
	2004	860,000	478,274	381,726	55.6
	2005	907,500	78,361	829,139	8.6
	2006	805,000	124,494	680,506	15.5
4D	1990	600,000	1,005,291	-405,291	167.5
	1991	600,000	1,436,533	-836,533	239.4
	1992	800,000	727,423	72,577	90.9
	1993	800,000	836,160	-36,160	104.5
	1994	700,000	710,901	-10,901	101.6
	1995	539,000	430,815	108,185	79.9
	1996	539,000	487,140	51,860	90.4
	1997	812,000	756,980	55,020	93.2
	1998	1,113,000	842,812	270,188	75.7
	1999	1,421,000	1,302,747	116,288	91.8
	2000	1,421,000	1,378,038	42,962	97.0
	2001	1,421,000	1,368,875	52,125	96.3
	2002	1,421,000	1,360,253	60,747	95.7
	2003	1,421,000	1,421,028	-28	100.0
	2004	1,204,000	1,202,152	1,848	99.8
	2005	1,270,500	1,678,464	-407,964	132.1
	2006	1,127,000	1,530,754	-403,754	135.8

Table 13-1. Comparison of Halibut TACs and Harvest by Management Area, 1990 to 2006

Area	Year	Total Allowable Catch (TAC)	Total Area Harvest	Difference TAC (-) Harvest	Percent of TAC Harvested
4E[60]	1990	100,000	60,355	39,645	60.4
	1991	100,000	104,297	-4,297	104.3
	1992	130,000	66,818	63,182	51.4
	1993	120,000	64,235	55,765	53.5
	1994	100,000	120,226	-20,226	120.2

[60] After 1994 all area 4E halibut harvests are CDQ program harvests.

14. Halibut: Consolidation of Permit holders on Fishing Operations

Table 14-1 provides data on halibut harvest and participation by persons and vessels in each management area from 1990 through 2006. The table shows the annual harvest, the number of unique persons and vessels with landings, the number of landing days by persons and vessels, the average number of pounds landed per person and vessel, and the ratio of the number of persons with landings to the number of vessels with landings.

The 1990 through 1994 harvest data are pre-IFQ Program and are based on halibut fish tickets. The counts of persons reflect CFEC permit holders who recorded landings. The 1995 through 2006 data come from NMFS-RAM databases. The number of persons in those years represent unique persons with IFQ identifiers who recorded landings. These persons may be QS owners, hired skippers, or persons leasing QS.

Harvest data in the table exclude catches made for CDQs. Note that no harvests are shown for Area 4E after 1994 because the entire TAC in that area has been allocated to the CDQ Program.

Annual harvests depend primarily upon the total allowable catch (TAC), which is set annually by the IPHC. Table 14-1 indicates that harvests over the 1990-2006 period were relatively high in most areas in the early 1990's but declined in 1995, when catches in six of the seven areas were the lowest over the time period. Since 1995, TACs and corresponding harvests have generally risen.

After the IFQ fisheries commenced in 1995, the number of persons and vessels with landings either rose or fell from the 1990-1994 averages, depending upon the area. In Areas 2C, 3A, and 4C the number of persons and vessels with landings fell substantially, but in Areas 3B, 4A, 4B, and 4D there has not been a pronounced change in either direction. Consolidation of QS among fewer holders contributes to a decrease in the number of persons and vessels with landings.

Person landing-days are calculated by summing the number of days with landings for each person. Vessel landing-days are calculated in a similar fashion. Larger harvests appear to be correlated with high numbers of person and vessel landing-days in some areas, particularly Areas 3B and 4C, but in other areas there appears to be no clear relationship between harvests and landing-days.

Before the IFQ program began in 1995, it was not uncommon for more than one CFEC permit holder to make landings off one vessel in the halibut fishery. After the IFQ fisheries were implemented, two or more IFQ permit holders might join together to fish their IFQ off one vessel. Table 14-1 indicates that in 2C, 3A, and 3B the ratio of the number of unique persons with landings to the number of unique vessels has risen substantially over the 1990-1994 average, which provides some evidence that the practice

of multiple persons recording landings off a single vessel has increased since inception of the program in parts of Alaska.

Table 14-2 shows harvest data for 1995 through 2006, broken out by area and vessel category. Total and mean harvests are shown, as well as the number of persons who reported landings. The percent of the total area harvest attributed to each vessel category is given and the percent of total persons with landings in each vessel category is also shown.

The source of harvest data in this table is similar to Table 14-1. Catch data are derived from NMFS-RAM databases and harvests made for CDQs have been excluded. Area 4E does not appear on the table because the entire TAC from 1995 to 2006 was devoted to CDQs.

Note that some persons have landings in more than one vessel category in an area; therefore, the sum of persons with landings in each vessel category is greater than the overall unique number of persons with landings shown in Table 14-1.

Table 14-1. Summary of 1990-2006 Halibut Harvest and Participation
Pounds are

Area	Year	Total Harvest (pounds)	Persons With Landings	Vessels With Landings	Vessel Landing Days	Pounds Per Person	Pounds Per Vessel	Persons Per Vessel
2C	1990	9,705,514	1,525	1,489	2,605	6,364	6,518	1.02
	1991	8,686,934	1,831	1,805	2,927	4,744	4,813	1.01
	1992	9,816,892	1,786	1,775	3,255	5,497	5,531	1.01
	1993	11,289,516	1,563	1,562	2,575	7,223	7,228	1.00
	1994	10,378,542	1,468	1,461	2,373	7,070	7,104	1.00
	1995	7,708,414	1,319	1,105	2,922	5,844	6,976	1.19
	1996	8,424,418	1,321	1,024	3,248	6,377	8,227	1.29
	1997	9,557,265	1,275	989	3,557	7,496	9,664	1.29
	1998	9,528,878	1,116	826	3,039	8,538	11,536	1.35
	1999	9,806,517	1,107	826	3,383	8,859	11,872	1.34
	2000	8,191,769	1,132	827	3,037	7,237	9,905	1.37
	2001	8,170,172	1,068	736	2,738	7,650	11,101	1.45
	2002	8,432,413	1,094	718	2,758	7,708	11,744	1.52
	2003	8,242,267	1,095	706	2,755	7,527	11,675	1.55
	2004	10,088,134	1,068	678	2,792	9,446	14,879	1.58
	2005	10,459,446	1,042	678	2,956	10,038	15,427	1.54
	2006	10,339,799	1,053	672	3,129	9,819	15,387	1.57
3A	1990	28,844,296	2,457	2,348	4,349	11,740	12,285	1.05
	1991	22,926,430	2,306	2,231	3,393	9,942	10,276	1.03
	1992	26,781,876	1,985	1,924	3,263	13,492	13,920	1.03
	1993	22,737,512	1,554	1,529	2,292	14,632	14,871	1.02
	1994	24,843,824	1,735	2,693	14,319	14,512	1.01	1.01
	1995	17,747,126	1,537	1,145	2,730	11,547	15,500	1.34
	1996	19,305,362	1,553	1,101	2,882	12,431	17,534	1.41
	1997	24,185,163	1,501	1,072	3,215	16,113	22,561	1.40
	1998	24,519,052	1,314	891	2,838	18,660	27,519	1.47
	1999	24,223,991	1,309	890	3,013	18,506	27,218	1.47
	2000	18,066,096	1,310	842	2,571	13,791	21,456	1.56
	2001	21,071,467	1,282	806	2,582	16,436	26,143	1.59
	2002	22,560,168	1,283	750	2,546	17,584	30,080	1.71
	2003	22,281,887	1,269	712	2,552	17,559	31,295	1.78
	2004	24,601,516	1,240	696	2,594	19,840	35,347	1.78
	2005	25,053,063	1,217	670	2,650	20,586	37,393	1.82
	2006	24,953,482	1,206	644	2,687	20,691	38,748	1.87
3B	1990	8,694,295	406	383	537	21,415	22,701	1.06
	1991	11,934,312	624	602	874	19,126	19,824	1.04
	1992	8,622,283	485	478	642	17,778	18,038	1.01
	1993	7,855,357	406	401	535	19,348	19,589	1.01
	1994	3,860,240	328	320	499	11,769	12,063	1.03
	1995	3,147,300	436	332	464	7,219	9,480	1.31
	1996	3,493,223	467	349	490	7,480	10,009	1.34
	1997	8,754,093	479	355	711	18,276	24,659	1.35
	1998	10,568,081	438	325	700	24,128	32,517	1.35
	1999	13,182,840	458	322	767	28,783	40,940	1.42
	2000	14,940,624	470	342	863	31,789	43,686	1.37
	2001	16,082,144	452	329	915	35,580	48,882	1.37
	2002	17,119,777	456	316	966	37,543	54,177	1.44
	2003	17,140,605	458	328	1,003	37,425	52,258	1.40
	2004	15,334,232	438	303	894	35,010	50,608	1.45
	2005	13,003,916	421	302	845	30,888	43,059	1.39
	2006	10,796,623	417	287	766	25,891	37,619	1.45
4A	1990	2,503,281	155	153	188	16,150	16,361	1.01
	1991	2,254,990	237	237	257	9,515	9,515	1.00
	1992	2,699,027	197	190	326	13,701	14,205	1.04
	1993	2,560,741	166	165	196	15,426	15,520	1.01
	1994	1,803,462	178	176	229	10,132	10,247	1.01
	1995	1,570,898	180	140	210	8,727	11,221	1.29
	1996	1,734,201	192	147	239	9,032	11,797	1.31

Table 14-1 continued. Summary of 1990-2006 Halibut Harvest and Participation

Area	Year	Total Harvest (pounds)	Persons With Landings	Vessels With Landings	Vessel Landing Days	Pounds Per Person	Pounds Per Vessel	Persons Per Vessel
4A Cont.	1997	2,762,728	185	141	277	14,934	19,594	1.31
	1998	3,200,610	166	120	217	19,281	26,672	1.38
	1999	4,150,875	172	120	298	24,133	34,591	1.43
	2000	4,861,514	127	183	370	38,280	26,566	0.69
	2001	4,823,638	122	170	375	39,538	28,374	0.72
	2002	4,951,724	121	175	379	40,923	28,296	0.69
	2003	4,895,470	114	162	384	42,943	30,219	0.70
	2004	3,392,035	112	156	299	30,286	21,744	0.72
	2005	3,323,997	104	149	313	31,962	22,309	0.70
	2006	3,260,395	93	150	301	35,058	21,736	0.62
4B	1990	1,332,988	65	61	133	20,508	21,852	1.07
	1991	1,513,422	84	81	182	18,017	18,684	1.04
	1992	2,317,361	85	82	261	27,263	28,261	1.04
	1993	1,962,364	67	65	132	29,289	30,190	1.03
	1994	2,017,108	75	74	229	26,895	27,258	1.01
	1995	1,247,323	60	57	77	20,789	21,883	1.05
	1996	1,645,932	73	64	81	22,547	25,718	1.14
	1997	2,574,988	82	69	120	31,402	37,319	1.19
	1998	2,071,879	61	47	71	33,965	44,083	1.30
	1999	2,773,781	67	51	117	41,400	54,388	1.31
	2000	3,626,754	55	71	176	65,941	51,081	0.77
	2001	3,517,658	54	72	193	65,142	48,856	0.75
	2002	3,213,189	54	72	176	59,504	44,628	0.75
	2003	3,005,534	47	70	151	63,948	42,936	0.67
	2004	2,169,480	46	67	117	47,163	32,380	0.69
	2005	1,595,682	41	58	93	38,919	27,512	0.71
	2006	1,220,833	37	55	78	32,995	22,197	0.67
4C	1990	529,481	54	51	158	9,805	10,382	1.06
	1991	678,093	53	51	165	12,794	13,296	1.04
	1992	792,925	68	62	315	11,661	12,789	1.10
	1993	831,018	63	58	344	13,191	14,328	1.09
	1994	714,882	66	64	320	10,832	11,170	1.03
	1995	299,642	37	35	127	8,098	8,561	1.06
	1996	296,439	43	41	136	6,894	7,230	1.05
	1997	504,568	48	46	151	10,512	10,969	1.04
	1998	473,120	33	30	89	14,337	15,771	1.10
	1999	1,304,712	36	29	36	36,242	44,990	1.24
	2000	731,358	35	39	153	20,896	18,753	0.90
	2001	724,815	29	34	156	24,994	21,318	0.85
	2002	484,815	24	28	100	20,201	17,315	0.86
	2003	424,935	25	29	58	16,997	14,653	0.86
	2004	478,274	24	30	80	19,928	15,942	0.80
	2005	78,361	9	11	10	8,707	7,124	0.82
	2006	124,494	8	9	116	15,562	13,833	0.89
4D	1990	1,005,291	24	24	25	41,887	41,887	1.00
	1991	1,436,533	48	48	49	29,928	29,928	1.00
	1992	727,423	26	26	27	27,978	27,978	1.00
	1993	836,160	19	19	22	44,008	44,008	1.00
	1994	710,901	40	39	117	17,773	18,228	1.03
	1995	430,815	30	27	28	14,361	15,956	1.11
	1996	487,140	38	33	36	12,819	14,762	1.15
	1997	756,980	38	33	36	19,921	22,939	1.15
	1998	842,812	24	22	24	35,117	38,310	1.09
	1999	1,302,747	36	29	36	36,242	44,990	1.24
	2000	1,378,038	33	39	42	41,759	35,334	0.85
	2001	1,368,875	31	34	38	44,157	40,261	0.91
	2002	1,360,253	34	35	45	40,007	38,864	0.97
	2003	1,421,028	27	35	37	52,631	40,601	0.77

Table 14-1 continued. Summary of 1990-2006 Halibut Harvest and Participation

Area	Year	Total Harvest (pounds)	Persons With Landings	Vessels With Landings	Vessel Landing Days	Pounds Per Person	Pounds Per Vessel	Persons Per Vessel
4D	2004	1,202,152	27	37	32	44,524	32,491	0.73
Cont.	2005	1,678,464	29	39	44	57,878	43,038	0.74
	2006	1,530,854	30	42	48	51,028	36,449	0.71
4E	1990	60,355	133	129	273	454	468	1.03
	1991	104,297	64	64	156	1,630	1,630	1.00
	1992	66,818	41	41	146	1,630	1,630	1.00
	1993	64,235	47	47	223	1,367	1,367	1.00
	1994	120,226	75	74	451	1,603	1,625	1.01

Note: Pounds are headed off gaited weights

Table 14-2. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
2C	1995	Freezer	162,188	2.1	9,010	18	1.3
		GT 60 ft.	350,502	4.5	5,309	66	4.9
		36-60 ft.	6,218,243	80.7	7,519	827	61.9
		Le 35 ft.	977,581	12.7	2,306	424	31.8
			7,708,414			1,335	
	1996	Freezer	181,483	2.2	9,552	19	1.4
		GT 60 ft.	378,278	4.5	5,911	64	4.7
		36-60 ft.	6,684,480	79.3	8,232	812	60.1
		Le 35 ft.	1,180,177	14.0	2,594	455	33.7
			8,424,418			1,350	
	1997	Freezer	207,640	2.2	9,888	21	1.6
		GT 60 ft.	431,453	4.5	7,191	60	4.5
		36-60 ft.	7,599,965	79.5	9,500	800	60.6
		Le 35 ft.	1,318,207	13.8	2,996	440	33.3
			9,577,265			1,321	
	1998	Freezer	203,582	2.1	8,851	23	2.0
		GT 60 ft.	436,668	4.6	7,529	58	5.0
		36-60 ft.	7,705,614	80.9	10,498	734	63.7
		Le 35 ft.	1,183,014	12.4	3,500	338	29.3
			9,528,878			1,153	
	1999	Freezer	210,964	2.2	9,589	22	1.9
		GT 60 ft.	425,996	4.3	8,520	50	4.3
		36-60 ft.	7,874,820	80.3	10,685	737	63.9
		Le 35 ft.	1,294,737	13.2	3,753	345	29.9
			9,806,517			1,154	
	2000	Freezer	177,219	2.2	8,439	21	1.8
		GT 60 ft.	357,814	4.4	6,881	52	4.6
		36-60 ft.	7,874,820	80.0	8,980	730	63.9
		Le 35 ft.	6,555,549	13.4	3,248	339	29.7
			1,101,187				
			8,191,769			1,154	
	2001	Freezer	183,284	2.2	8,331	22	2.0
		GT 60 ft.	363,642	4.5	7,737	47	4.4
		36-60 ft.	6,580,622	80.5	9,455	696	64.7
		Le 35 ft.	1,012,624	12.8	3,352	311	28.9
			8,170,172			1,076	
	2002	Freezer	177,342	2.1	7,094	25	2.2
		GT 60 ft.	363,187	4.3	6,984	52	4.7
		36-60 ft.	6,716,459	79.7	9,527	705	63.3
		Le 35 ft.	1,175,425	13.9	3,540	332	29.8
			8,432,413			1,114	
	2003	Freezer	178,798	2.2	7,450	24	2.2
		GT 60 ft.	364,241	4.4	6,872	53	4.8

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
2C Cont.		36-60 ft.	6,535,378	79.3	9,350	699	63.
		Le 35 ft.	1,163,850	14.1	3,485	334	30.1
			8,242,267			1,110	
	2004	Freezer	216,237	2.1	8,317	26	2.4
		GT 60 ft.	447,060	4.4	8,597	52	4.78
		36-60 ft.	8,032,661	79.6	11,541	696	63.2
		Le 35 ft.	1,392,176	13.8	4,257	327	29.7
			10,088,134			1,064	
	2005	Freezer	217,888	2.1	9,079	24	2.3
		GT 60 ft.	458,509	4.4	9,170	50	4.764.1
		36-60 ft.	8,329,461	79.6	12,213	682	28.9
		Le 35 ft.	1,453,588	13.9	4,719	308	
			10,459,446			1,064	
	2006	Freezer	219,957	2.1	8,798	25	2.3
		GT 60 ft.	470,912	4.6	8,721	54	5.1
		36-60 ft.	8,197,062	79.3	12,180	673	63.0
		Le 35 ft.	1,481,868	14.0	4,580	317	29.7
			10,339,799			1,069	
3A	1995	Freezer	404,537	2.3	14,448	28	1.8
		GT 60 ft.	6,776,434	38.2	28,472	238	15.1
		36-60 ft.	9,639,050	54.3	9,914	972	61.9
		Le 35 ft.	930,105	5.2	2,793	333	21.2
			17,474,126			1,571	
	1996	Freezer	509,014	2.6	18,179	28	1.7
		GT 60 ft.	7,306,607	37.8	29,702	246	15.2
		36-60 ft.	10,360,216	53.7	10,350	1,001	61.8
		Le 35 ft.	1,129,525	5.9	3,274	345	21.3
			19,305,362			1,620	
	1997	Freezer	611,375	2.5	20,379	30	1.9
		GT 60 ft.	8,971,240	37.1	35,320	254	15.9
		36-60 ft.	13,156,197	54.4	13,762	956	59.7
		Le 35 ft.	1,446,351	6.0	4,007	361	22.5
			24,185,163			1,1601	
	1998	Freezer	638,005	2.6	19,333	33	2.3
		GT 60 ft.	9,323,091	38.0	36,996	252	17.8
		36-60 ft.	13,176,979	53.7	15,394	856	
		Le 35 ft.	1,380,977	5.6	5,022	275	
			24,519,052			1,416	
	1999	Freezer	621,884	2.6	18,291	34	
		GT 60 ft.	9,144,253	37.7	37,943	241	
		36-60 ft.	13,041,565	53.8	15,060	866	
		LE 35 ft.	1,416,289	5.8	4,884	290	
			24,223,991			1,431	

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
3A Cont.	2000	Freezer	473,700	2.6	18,291	33	2.4
		GT 60 ft.	6,773,667	37.5	37,943	240	17.1
		36-60 ft.	9,725,508	53.8	15,060	847	61.1
		LE 35 ft.	1,257,853	6.1	4,884	280	19.4
			18,066,096			1,400	
	2001	Freezer	542,181	2.6	16,430	33	2.4
		GT 60 ft.	7,990,770	37.9	34,443	232	17.1
		36-60 ft.	11,280,663	53.5	13,591	830	61.1
		LE 35 ft.	1,257,853	6.0	4,783	263	19.4
			21,071,467			1,362	
	2002	Freezer	584,366	2.7	17,187	34	2.5
		GT 60 ft.	8,389,394	38.1	35,398	237	17.1
		36-60 ft.	12,096,507	54.9	14,349	843	61.
		LE 35 ft.	1,599,728	7.1	5,798	269	19.5
			22,045,629			1,383	
	2003	Freezer	579,055	2.6	16,544	35	2.6
		GT 60 ft.	8,294,059	37.2	34,703	239	17.5
		36-60 ft.	12,015,321	53.9	14,725	816	59.9
		LE 35 ft.	1,393,506	6.3	5,123	272	20.0
			22,281,941			1,362	
	2004	Freezer	637,836	2.6	20,575	31	2.3
		GT 60 ft.	9,206,252	37.4	38,200	241	18.1
		36-60 ft.	13,198,515	53.7	16,602	795	59.7
		LE 35 ft.	1,557,465	6.3	5,877	265	19.9
			24,600,068			1,332	
	2005	Freezer	648,369	2.6	521,612	30	2.3
		GT 60 ft.	9,423,028	37.5	38,150	247	18.6
		36-60 ft.	13,413,911	53.4	17,153	782	59.0
		LE 35 ft.	1,615,225	6.4	6,050	267	20.1
			25,100,533			1,326	
	2006	Freezer	641,949	2.6	18,881	34	2.6
		GT 60 ft.	9,305,239	37.3	38,293	243	18.3
		36-60 ft.	13,414,740	53.8	17,332	774	58.4
		LE 35 ft.	1,590,613	6.4	5,805	274	20.7
			24,952,541			1,325	
3B	1995	Freezer	104,290	3.3	8,691	12	2.7
		GT 60 ft.	1,857,272	59.0	13,860	134	30.5
		36-60 ft.	1,099,858	34.9	4,382	251	57.0
		LE 35 ft.	85,880	2.7	1,997	43	9.8
			3,147,300			440	
	1996	Freezer	102,021	2.9	6,801	15	3.1
		GT 60 ft.	1,981,960	56.7	14,791	134	27.4

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
3B Cont.	1996	36-60 ft.	1,317,684	37.7	4,544	290	59.3
		LE 35 ft.	91,558	2.6	1,831	50	10.2
			3,493,223			489	
	1997	Freezer	252,440	2.9	14,024	18	3.5
		GT 60 ft.	4,890,271	55.9	33,267	147	28.4
		36-60 ft.	3,362,861	38.4	11,135	302	58.3
		LE 35 ft.	248,521	2.8	4,873	51	9.8
			8,754,093			518	
	1998	Freezer	322,667	3.1	17,926	18	3.7
		GT 60 ft.	5,961,112	56.4	39,218	152	31.3
		36-60 ft.	3,978,770	37.6	14,791	269	55.5
		LE 35 ft.	305,532	2.9	6,642	46	9.5
			10,568,081			485	
	1999	Freezer	376,814	2.9	25,121	15	3
		GT 60 ft.	7,360,401	55.8	43,553	169	33.5
		36-60 ft.	5,051,897	38.3	18,107	279	55.2
		LE 35 ft.	393,728	3	9,374	42	8.3
			13,182,840			505	
	2000	Freezer	450,997	3.0	21,476	21	4.1
		GT 60 ft.	8,393,233	56.2	50,868	165	31.9
		36-60 ft.	5,649,306	37.8	19,753	286	55.3
		LE 35 ft.	447,088	3.0	9,935	45	8.7
			14,940,624			517	
	2001	Freezer	476,740	3.0	28,044	17	3.5
		GT 60 ft.	8,964,993	55.7	56,384	159	32.7
		36-60 ft.	6,184,342	38.5	22,571	274	56.4
		LE 35 ft.	456,069	2.8	12,669	36	7.4
			16,082,144			486	
	2002	Freezer	506,855	3.0	28,159	18	3.6
		GT 60 ft.	9,505,889	55.5	56,583	168	33.1
		36-60 ft.	6,585,189	38.5	23,603	279	55.0
		LE 35 ft.	521,844	3.0	12,425	42	8.3
			17,119,777			507	
	2003	Freezer	503,393	2.9	26,494	19	3.8
		GT 60 ft.	9,497,949	55.4	57,563	165	32.8
		36-60 ft.	6,637,731	38.7	24,225	274	54.5
		LE 35 ft.	501,532	2.9	11,145	45	8.9
			17,140,605			503	
	2004	Freezer	637,836	2.6	20,575	31	2.3
		GT 60 ft.	9,206,252	37.4	38,200	241	18.1
		36-60 ft.	13,198,515	53.7	16,602	795	59.7
		LE 35 ft.	1,557,465	6.3	5,877	265	19.9
			24,600,068			1,332	

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
3B Cont.	2005	Freezer	648,369	2.6	21,612	30	2.3
		GT 60 ft.	9,423,028	37.5	38,150	247	18.6
		36-60 ft.	13,413,911	53.4	17,153	782	59.0
		LE 35 ft.	1,615,225	6.4	6,050	267	20.1
			25,100,533			1,326	
	2006	Freezer	641,949	2.6	18,881	34	2.6
		GT 60 ft.	9,305,239	37.3	38,293	243	18.3
		36-60 ft.	13,414,740	53.8	17,332	774	58.4
		LE 35 ft.	1,590,613	6.4	5,805	274	20.7
			24,952,541			1325	
4A	1995	Freezer	74,886	4.8	8,321	9	4.9
		GT 60 ft.	985,344	62.7	12,317	80	43.5
		36-60 ft.	412,829	26.3	7,372	56	30.4
		LE 35 ft.	97,839	6.2	2,509	39	21.2
			1,570,898			184	
	1996	Freezer	79,231	4.6	7,923	10	4.9
		GT 60 ft.	1,027,715	59.3	11,294	91	44.8
		36-60 ft.	518,585	29.9	8,103	64	31.5
		LE 35 ft.	108,670	6.3	2,860	38	18.7
			1,734,201			203	
	1997	Freezer	116,695	4.2	14,587	8	3.9
		GT 60 ft.	1,645,849	59.6	19,593	84	41.0
		36-60 ft.	803,169	29.1	11,312	71	34.6
		LE 35 ft.	197,015	7.1	4,691	42	20.5
			2,762,728			205	
	1998	Freezer	125,713	3.9	13,968	9	4.6
		GT 60 ft.	1,936,659	60.5	21,760	89	45.2
		36-60 ft.	928,369	29.0	14,736	63	32.0
		LE 35 ft.	209,869	6.6	5,830	36	18.3
			3,200,610			197	
	1999	Freezer	189,814	4.6	18,981	10	4.9
		GT 60 ft.	2,452,483	59.1	27,250	90	44.3
		36-60 ft.	1,224,776	29.5	18,011	68	33.5
		LE 35 ft.	283,802	6.8	8,109	35	17.2
			4,150,875			203	
	2000	Freezer	192,713	4.0	14,824	13	6.0
		GT 60 ft.	2,871,833	59.1	31,909	90	41.7
		36-60 ft.	1,450,902	29.8	18,601	78	36.1
		LE 35 ft.	346,066	7.1	9,888	35	16.2
			4,861,514			216	
	2001	Freezer	199,407	4.1	18,128	11	5.4
		GT 60 ft.	2,881,216	59.7	32,373	89	43.8

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
4A Cont.		36-60 ft.	1,430,933	29.7	20,154	71	35.0
		LE 35 ft.	312,082	6.5	9,753	32	15.8
			4,823,638			203	
	2002	Freezer	223,855	4.5	17,220	13	6.1
		GT 60 ft.	2,902,073	58.6	31,891	91	42.9
		36-60 ft.	1,494,941	30.2	20,202	74	34.9
		LE 35 ft.	330,855	6.7	9,731	34	16.0
			4,951,724			212	
	2003	Freezer	211,104	4.3	21,110	10	5.0
		GT 60 ft.	2,857,885	58.4	32,476	88	43.8
		36-60 ft.	1,476,356	30.2	21,091	70	34.8
		LE 35 ft.	350,125	7.2	10,610	33	16.4
			4,895,470			201	
	2004	Freezer	143,392	4.2	13,036	11	5.5
		GT 60 ft.	2,030,340	59.9	23,609	86	43.2
		36-60 ft.	981,858	28.9	14,655	67	33.7
		LE 35 ft.	236,445	7.0	6,756	35	17.6
	2005	Freezer	146,784	4.4	16,309	9	4.6
		GT 60 ft.	1,927,847	58.0	22,681	85	43.8
		36-60 ft.	1,015,402	30.5	14,932	68	35.1
		LE 35 ft.	233,964	7.0	7,311	32	16.5
			3,323,997			194	
	2006	Freezer	142,156	4.2	11,846	12	4.0
		GT 60 ft.	1,963,011	58.6	18,346	107	35.8
		36-60 ft.	1,003,724	30.0	11,030	91	30.4
		LE 35 ft.	241,077	7.2	2,709	89	29.8
4B							
	1995	Freezer	45,513	3.6	11,378	4	6.7
		GT 60 ft.	1,058,609	84.9	23,525	45	75.0
		36-60 ft.	142,305	11.4	14,231	10	16.7
		LE 35 ft.	896	0.1	896	1	1.7
			1,247,323			60	
	1996	Freezer	109,335	6.6	13,667	8	10.8
		GT 60 ft.	1,310,922	79.6	25,704	51	68.9
		36-60 ft.	225,675	13.7	15,045	15	20.3
			1,645,932			74	
	1997	Freezer	158,783	6.2	19,848	8	9.4
		GT 60 ft.	1,940,418	75.4	36,612	53	62.4
		36-60 ft.	470,626	18.3	24,770	19	22.4
		LE 35 ft.	5,161	0.2	1,032	5	5.9
			2,574,988			85	
	1998	Freezer	70,304	3.4	14,061	5	7.2
		GT 60 ft.	1,715,459	82.8	35,739	48	69.6
		36-60 ft.	283,470	13.7	20,248	14	20.3

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
4B Cont.	1998	LE 35 ft.	2,646	0.1	1,323	2	2.9
			2,071,879			69	
	1999	Freezer	198,734	7.2	33,122	6	7.6
		GT 60 ft.	2,233,172	80.5	42,946	52	65.8
		36-60 ft.	341,875	12.3	16,280	21	26.6
		LE 35 ft.	0	0.0	0	0	0.0
			2,773,781			79	
	2000	Freezer	235,163	6.5	33,595	7	8.6
		GT 60 ft.	2,818,205	77.7	54,196	52	64.2
		36-60 ft.	530,528	14.6	29,474	18	22.2
		LE 35 ft.	42,858	1.2	10,715	4	4.9
			3,626,754			81	
	2001	Freezer	218,662	6.2	31,237	7	7.9
		GT 60 ft.	2,731,554	77.7	46,298	59	66.3
		36-60 ft.	513,517	14.6	27,027	19	21.3
		LE 35 ft.	53,925	1.5	13,481	4	4.5
			3,517,658			89	
	2002	Freezer	212,152	6.6	30,307	7	8.0
		GT 60ft...	2,533,394	78.8	46,915	54	62.1
		36-60 ft.	439,910	13.7	18,330	24	27.6
		LE 35 ft.	27,733	0.9	13,867	2	2.3
			3,213,189			87	
	2003	Freezer	190,147	6.3	27,164	7	8.0
		GT 60 ft.	2,299,760	76.5	42,588	54	61.4
		36-60 ft.	470,987	15.7	20,478	23	26.1
		LE 35 ft.	44,640	1.5	11,160	4	4.5
			3,005,534			88	
	2004	Freezer	136,232	6.3	22,705	6	7.8
		GT 60 ft.	1,737,471	80.1	35,459	49	63.6
		36-60 ft.	283,784	13.1	13,514	21	27.3
		LE 35 ft.	11,993	0.6	11,993	1	1.3
			2,169,480			77	
	2005	Freezer	93,482	5.9	15,580	6	8.5
		GT 60 ft.	1,297,471	81.3	30,174	43	60.6
		36-60 ft.	193,605	12.1	9,680	20	28.2
		LE 35 ft.	11,124	0.7	5,562	2	2.8
			1,595,682			71	
	2006	Freezer	66,737	5.5	13,347	5	7.6
		GT 60 ft.	988,811	81.0	24,117	41	62.1
		36-60 ft.	164,845	13.5	8,676	19	28.8
		LE 35 ft.	440	0.0	440	1	1.5
			1,220,833			66	
4C	1995	GT 60 ft.	131,229	43.8	13,123	10	27.0
		36-60 ft.	77,125	25.7	7,713	10	27.0

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
4C Cont.	1995	LE 35 ft.	91,288	30.5	5,370	17	45.9
			299,642			37	
	1996	GT 60 ft.	154,225	52.0	9,639	16	37.2
		36-60 ft.	67,923	22.9	8,490	8	18.6
		LE 35 ft.	74,291	25.1	3,910	19	44.2
			296,439			43	
	1997	GT 60 ft.	215,864	42.8	13,492	16	32.0
		36-60 ft.	107,373	21.3	9,761	11	22.0
		LE 35 ft.	181,331	35.9	7,884	23	46.0
			504,568			50	
	1998	GT 60 ft.	254,613	53.8	21,218	12	33.3
		36-60 ft.	112,810	23.8	11,281	10	27.8
		LE 35 ft.	105,697	22.3	7,550	14	38.9
			473,120			36	
	1999	GT 60 ft.	389,107	50.7	24,319	16	37.2
		36-60 ft.	182,969	23.8	20,330	9	20.9
		LE 35 ft.	195,418	25.5	10,857	18	41.9
			767,494			43	
	2000	Freezer	5,350	0.7	5,350	1	2.4
		GT 60 ft.	349,185	47.7	19,399	18	42.9
		36-60 ft.	181,703	24.8	25,958	7	16.7
		LE 35 ft.	195,120	26.7	12,195	16	38.1
			731,358			42	
	2001	Freezer	2,947	0.4	2,947	1	2.5
		GT 60 ft.	356,468	49.2	20,969	17	42.5
		36-60 ft.	201,324	27.8	25,166	8	20.0
		LE 35 ft.	164,076	22.6	11,720	14	35.0
			724,815			40	
	2002	GT 60 ft.	263,944	54.4	9,102	29	27.9
		36-60 ft.	156,588	32.3	17,399	9	8.7
		LE 35 ft.	64,283	13.3	974	66	63.5
			484,815			104	
	2003	GT 60 ft.	248,134	58.4	13,785	18	58.1
		36-60 ft.	160,056	37.7	20,007	8	25.8
		LE 35 ft.	16,745	3.9	3,349	5	16.1
			424,935			31	
	2004	GT 60 ft.	271,624	56.8	12,934	21	61.8
		36-60 ft.	164,947	34.5	23,564	7	20.6
		LE 35 ft.	41,703	8.7	6,951	6	17.6
			478,274				

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
4C Cont.	2005	GT 60 ft.	71,606	91.4	11,934	6	54.5
		36-60 ft.	6,755	8.6	1,351	5	45.5
			78,361			11	
	2006	GT 60 ft.	7,112	5.7	7,112	1	9.1
		36-60 ft.	5,763	4.6	2,882	2	18.2
		LE 35 ft.	111,619	89.7	13,952	8	72.7
			124,494			11	
4D	1995	Freezer	27,142	6.3	13,571	2	6.7
		GT 60 ft.	380,163	88.2	16,529	23	76.7
		36-60 ft.	23,510	5.5	4,702	5	16.7
			430,815			30	
	1996	Freezer	35,466	7.3	17,733	2	5.1
		GT 60 ft.	424,024	87.0	13,251	32	82.1
		36-60 ft.	27,650	5.7	5,530	5	12.8
			487,140			39	
	1997	Freezer	56,718	7.5	14,180	4	9.5
		GT 60 ft.	645,293	85.2	20,816	31	73.8
		36-60 ft.	54,969	7.3	7,853	7	16.7
			756,980			42	
	1998	Freezer	47,147	5.6	23,574	2	7.7
		GT 60 ft.	753,101	89.4	35,862	21	80.8
		36-60 ft.	42,564	5.1	14,188	3	11.5
			842,812			26	
	1999	Freezer	107,555	8.2	35,852	3	7.7
		GT 60 ft.	1,137,501	87.2	36,694	31	79.5
		36-60 ft.	59,656	4.6	11,931	5	12.8
			1,304,712			39	
	2000	Freezer	128,737	9.3	32,184	4	9.3
		GT 60 ft.	1,150,280	83.5	35,946	32	74.4
		36-60 ft.	99,021	7.2	14,146	7	16.3
			1,378,038			43	
	2001	Freezer	113,262	8.3	22,652	5	11.9
		GT 60 ft.	1,161,031	84.8	38,701	30	71.4
		36-60 ft.	94,582	6.9	13,512	7	16.7
			1,368,875			42	
	2002	GT 60 ft.	105,142	7.7	26,286	4	9.5
		36-60 ft.	1,152,400	84.7	37,174	31	73.8
		LE 35 ft.	102,711	7.6	14,673	7	16.7
			1,360,253			42	

Table 14-2 continued. Summary of 1995-2006 Halibut Harvest and Participation, By Vessel Category

Area	Year	Vessel Category	Total Harvest (pounds)	Percent Area Harvest	Mean Harvest (pounds)	Persons With Landings	Percent Total Area Persons
4D Cont.	2003	GT 60 ft.	128,785	9.1	25,757	5	11.6
		36-60 ft.	1,176,524	82.8	37,952	31	72.1
		LE 35 ft.	115,719	8.1	16,531	7	16.3
			1,421,028			43	
	2004	GT 60 ft.	97,984	8.2	19,597	5	11.4
		36-60 ft.	991,937	82.5	31,998	31	70.5
		LE 35 ft.	112,231	9.3	14,029	8	18.2
			1,202,152			44	
	2005	GT 60 ft.	103,131	6.1	25,783	4	7.8
		36-60 ft.	1,295,728	77.2	35,992	36	70.6
		LE 35 ft.	279,605	16.7	25,419	11	21.6
			1,678,464			51	
	2006	GT 60 ft.	95,354	6.2	23,839	4	7.5
		36-60 ft.	1,191,009	77.8	33,084	36	67.9
		LE 35 ft.	238,507	15.6	19,876	12	22.6
			5,984	.04	5,984	1	1.9
			1,530,854	0.4		53	

15 Annual Halibut Ex-Vessel Prices

The term “ex-vessel” refers to activities that occur when a commercial fishing vessel lands or offloads a catch. For example, the price received by a captain (at the point of landing) for the unprocessed catch is an *ex-vessel* price.

This chapter provides annual estimated ex-vessel prices by IFQ management area, including statewide estimates, during 1992 through 2007. The State of Alaska Commercial Fisheries Entry Commission (CFEC) is the source for these data. The commission collects summary data from permitholder fish ticket landing records. NMFS-RAM uses CFEC data for Table 15-1, which provides annual ex-vessel price estimates for the 16-year reporting period. Although the primary source for the estimates comes from fish tickets, CFEC also uses ADF&G Commercial Operator's Annual Reports to calculate ex-vessel price estimates.

Estimated prices in Table 15-1 reflect all IFQ and Community Development Quota (CDQ) program commercial delivery/condition types and weighted average ex-vessel prices reported for all fixed-gear types, including longline, troll, jig, handline, and pot. These estimates reflect catcher-vessel deliveries to shoreside processors for commercial catches (IFQ Community Development Quota (CDQ) program) only and exclude harvests from discards, test fishing, confiscated catch, personal use, and other unsold harvests.

The Western Alaska Community Development Quota (CDQ) program provides residents of Alaska’s Bering Sea coast region an opportunity to participate and share in a portion of the halibut fishery, by allocating a portion of the halibut catch limit to the CDQ program, among several other fisheries. All halibut available for commercial harvest in area 4E is assigned to the CDQ Program.

In Table 15-1, prices in Area 4E reflect a narrower range in ex-vessel prices from 1992 through 2007, compared with ex-vessel prices in all other statewide areas. Prices in Area 4E ranged from $0.78 in 1998 to $3.98 in 2007. Area 3A had the widest range of prices of statewide management areas, with prices ranging from $0.96 in 1992 to $4.41 in 2007.

Table 15-1 shows estimated ex-vessel prices were highest during the last six years in Areas 2C, 3A, and 3B, with the highest ex-vessel price of $4.40 in Areas 3A for 2007. Over the entire 16 years, the lowest ex-vessel price was in Area 4E during 1998 when the estimated price was $0.78. In the same year outside the CDQ areas, the lowest price was $1.07 in Area 4A. Generally, ex-vessel prices rose in gradual increments in each management area, except that prices declined in all areas during 1998 and 2001 then quickly rebounded.

Table 15-1Halibut estimated ex-vessel prices by management area and year, including annual statewide estimates, 1992–2007.

IPHC Area	Year	Estimated ex-vessel price
2C	1992	1.01
	1993	1.27
	1994	2.01
	1995	2.04
	1996	2.26
	1997	2.24
	1998	1.39
	1999	1.99
	2000	2.62
	2001	2.11
	2002	2.22
	2003	2.95
	2004	3.04
	2005	3.08
	2006	3.75
	2007	4.41
3A	1992	0.96
	1993	1.21
	1994	1.91
	1995	1.99
	1996	2.24
	1997	2.16
	1998	1.36
	1999	2.09
	2000	2.60
	2001	2.03
	2002	2.23
	2003	2.89
	2004	3.04
	2005	3.07
	2006	3.78
	2007	4.40
3B	1992	0.93
	1993	1.21
	1994	1.90
	1995	1.95
	1996	2.16
	1997	2.08
	1998	1.27
	1999	2.06
	2000	2.55
	2001	2.00
	2002	2.20
	2003	2.87
	2004	2.96
	2005	3.01
	2006	3.78
	2007	4.30
4A	1992	0.94
	1993	1.25
	1994	1.92
	1995	1.89
	1996	2.05
	1997	2.03
	1998	1.07
	1999	1.90
	2000	2.50
	2001	1.96
	2002	2.20
	2003	2.87
	2004	2.89
	2005	2.92
4A Cont.	2006	3.73
	2007	4.28
4B	1992	0.94
	1993	1.28
	1994	1.88
	1995	1.85
	1996	1.92
	1997	1.94
	1998	0.99
	1999	1.66
	2000	2.13
	2001	1.73
	2002	2.14
	2003	2.53
	2004	2.62
	2005	2.61
	2006	3.43
	2007	3.90
4C	1992	0.93
	1993	1.08
	1994	1.85
	1995	1.79
	1996	1.96
	1997	1.87
	1998	0.92
	1999	1.45
	2000	2.08
	2001	1.77
	2002	1.48
	2003	2.12
	2004	2.69
	2005	2.35
	2006	2.52
	2007	3.51
4D	1992	0.94
	1993	1.23
	1994	1.90
	1995	1.88
	1996	2.03
	1997	1.99
	1998	1.01
	1999	1.90
	2000	2.50
	2001	1.93
	2002	2.11
	2003	2.63
	2004	2.84
	2005	2.70
	2006	3.64
	2007	4.00
4E	1992	1.10
	1993	1.14
	1994	1.13
	1995	1.23
	1996	1.21
	1997	1.33
	1998	0.78
	1999	1.37
	2000	2.01
	2001	1.40
	2002	2.05
	2003	1.80
4E Cont.	2004	1.95
	2005	2.16
	2006	3.32
	2007	3.98

Year	Estimated Statewide Ex-Vessel Price
1992	0.96
1993	1.23
1994	1.93
1995	1.97
1996	2.19
1997	2.13
1998	1.29
1999	2.00
2000	2.52
2001	1.99
2002	2.19
2003	2.84
2004	2.97
2005	3.00
2006	3.49
2007	4.33

Note: The IFQ Program started in 1995.

Halibut: Appendix I

This project required resident-type designations for QS and IFQ permit holders. Resident-type was based upon addresses on NMFS-RAM demographic files at the end of each year from 1995 through 2006. Each "place," or community, on the NMFS-RAM files was given an Urban/Rural designation and a Local/Nonlocal designation.

Decision Rules Used to Designate Urban and Rural for 1990

(1)Urban includes all towns with 1990 U.S. Census populations of 2,500 or more.

(2)Communities also are designated as urban even though their populations are under 2,500 if they lie within an "urbanized area." Urbanized areas are defined as all communities and places connected by highway to urban centers with populations of 6,000 or more and lying within a 20-mile radius of the urban center (for centers from 6,000 to 20,000 population) or a 40-mile radius (for centers of more than 20,000). The radius is measured from the center of the city as denoted by the city location point on maps, rather than from the city limits. An exception to the radius rule is that the Anchorage "urbanized area" does not extend north of Knik Arm nor south of Turnagain Arm.

The cities of 6,000 to 20,000 population are Ketchikan, Kenai, Kodiak and Sitka. The cities above 20,000 are Anchorage, Fairbanks and Juneau.

Decision Rules Used to Designate Local and Non-local

Localness to halibut management areas is determined using the following rules:

(1)If the place is a coastal community, it is local to the halibut management areas of that coastline.

(2)If a community's border is within 25 miles of the coast, and is connected to the coast by a navigable body of water or road, it is local to the halibut management areas of that coastline.

(3)If a community is determined to be local to a management area as defined above, and there is another management area adjacent, then localness to the adjacent area is determined by the following rule:

If the community is a coastal community, and it is within 25 straight-line miles of the adjacent area boundary, it is local to the adjacent area.

Appendix I **Differences Between the 1990 Census and Census 2000 Urbanized Area Criteria**

The following paragraphs provide a summary of the most important differences between the 1990 census UA criteria and the urban area criteria for Census 2000:

- The Census Bureau did not automatically recognize previously existing UA territory as part of the Census 2000 UA delineation process. There was no "grandfathering" of areas that qualified based on the results of earlier censuses.
- For Census 2000, the Census Bureau used the territory designated as UCs, rather than the entity of places that have a specified population, to determine the total urban population outside of UAs. Previously, place boundaries generally were used to determine the urban or rural classification of territory outside of UAs. With the creation of UCs, place boundaries became "invisible" when creating and classifying the cores of densely settled population agglomerations.
- Technological advances in the field of geographic information systems (GIS) during the last 10 years allowed the Census Bureau to automate the urban and rural delineation process for the first time in Census Bureau history.
- The extended city criteria were modified extensively for Census 2000. Any place that is split by a UA or UC boundary is referred to as an extended place. Previously, the extended city criteria included only sparsely settled territory within incorporated places and relied on density and area measurements to determine whether or not portions of an incorporated place were excluded from the UA. The new urban area criteria, based solely on the population density of census Block Groups (BGs) and census blocks, provide a continuum of urban areas for Census 2000.
- The Census 2000 criteria increased the allowable jump distance from 1.5 to 2.5 miles. The increase in the jump distance was proposed as a means to recognize improvements in the transportation network, and the associated changes in development patterns that reflect these improvements, coupled with governmental influence to provide additional "green space" between developments.
- The Census Bureau developed the concept of "hops" to extend the urban definition across small nonqualifying census blocks, and thereby avoid the need to designate the break in qualifying blocks as a jump. Hops between qualifying areas are less than or equal to 0.5 mile.
- For Census 2000, the area of an indentation in qualifying territory had to be four times the area of a circle with a diameter equal to the closure line of the indentation for the territory to be included in a UA or UC. Previously, an indentation only had to be two times longer than the distance across the mouth. The new criteria enabled the Census Bureau to use an automated methodology that reduced the chances of incorrectly classifying as urban, sparsely settled territory along the fringe of a core.
- The uninhabitable jump criteria were revised for Census 2000 to be more restrictive regarding the types of terrain over which an uninhabitable jump could be made. For Census 2000 only water, military reservations, national parks, and qualifying floodplains were deemed to be "exempted territory," which replaced undevelopable as the term applied to these areas.
- The UA central place and title criteria no longer follow standards predefined by other federal agencies. Previously, many UA central places and titles were based on metropolitan area (MA) central city definitions set forth by the Office of Management and Budget.
- The new MA criteria will be, and always have been, applied later than the UA criteria. To avoid creating a situation in which the 2000 UA or UC central places and titles would need to follow MA central city definitions that were established in the early 1990s, the Census 2000 criteria create an objective, zero-based approach.
- Note: U.S. Census Bureau Difference between the 1990 census and the census 2000 urbanized Area Criteria http:// www.census.gov/geo/www/ua/uac2k_90.html

Appendix II

Application for Transfer of QS/IFQ
Restricted Access Management (RAM) Division
Alaska Region, National Marine Fisheries Service
P.O. Box 21668, Juneau, AK 99802-1668

Part III(a) - Additional Information (Transferor)

THE FOLLOWING QUESTIONS MUST BE ANSWERED BY THE PROPOSED TRANSFEROR

Are you using a broker to transfer this QS/IFQ (check one)? Yes ___ No ___
If your answer is "yes," please name the broker: _____
How much are you paying in broker's fees? $_____ [___ % of price]
What is the net price you are receiving for the QS/IFQ? $_____ /unit of QS
$_____ /pound of IFQ
How is the purchase price being paid to you (circle one): Lump Sum Installment Plan
What is your reason for transferring the QS and/or the IFQ (check all that apply)?
Retirement from the Fishery _____ Pursue non-fishing Activities _____
Health Problems _____ Entering other fishery(ies) _____
Other (explain) _____

Part III(b) - Additional Information (Transferee)

THE FOLLOWING QUESTIONS MUST BE ANSWERED BY THE PROPOSED TRANSFEREE
How did you locate this Quota Share or Individual Fishing Quota (check all that apply)?
Relative/personal friend _____ Advertisement/Public Notice _____
Casual Acquaintance _____ Broker _____
Other Source (explain): _____
What is your relationship to the QS/IFQ Holder (check one)?
No Relationship _____ Personal Family Member _____
Business Partner _____ Other Friend or Relative _____
If this is a purchase of QS or IFQ, is the QS or IFQ being used as Collateral? Yes ___ No ___
If yes, what entity or entities hold(s) a lien against the QS or IFQ? _____
(NMFS/RAM will neither record nor enforce the terms of liens or levies against QS and IFQ)
If this is a purchase of QS or IFQ, how are you financing the purchase (check one)?
Personal Resources (cash) _____ Private Bank/Credit Union _____
Alaska Dep't of Commerce _____ Ak Com. Fish & Ag. Bank _____
Transferor (Seller) _____ Processor/Fishing Company _____
Other Source(explain): _____
Do you have any agreement to return the QS or IFQ to the Transferor or to otherwise dispose of (sell, give away, lease, etc.) the QS or IFQ to another person? Yes ___ No ___
If "Yes," please explain: _____

Public reporting burden for this collection is estimated to average .5 hours 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. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Restricted Access Management Division, Alaska Region, NMFS, Box 21668, Juneau, AK 99802-1668; and to the Office of Management and Budget, Paperwork Reduction Project, Washington, D.C. 20503. OMB No. 0648-0272, Expires 08/31/96, Rev. 11/28/94

Figure 2
QS Transfer Application Form - 1995

BLOCK H - REQUIRED SUPPLEMENTAL INFORMATION MUST BE FILLED OUT BY TRANSFEROR (SELLER)

1. What is the total amount you are receiving for this QS/IFQ transaction, including all fees? Please give both amounts in units of QS & number of IFQ pounds (#).

   $_____/Unit of QS

   $_____/# of IFQ

   If you are not receiving any dollar value for this transaction, please explain in space below.

2. Are you using a broker for this transaction? If "yes go to question 3, if "no" go to question 4. [ ] Yes [ ] No

3. How much are you paying in brokerage fees? $_____, or _____% of price

4. What are your reasons for transferring QS/IFQ (check all that apply)?

Retirement from fisheries	[ ]	Pursue non-fishing activities	[ ]	Health problems	[ ]
Shares too small to fish	[ ]	Trading Shares	[ ]	Enter other fisheries	[ ]
Consolidation of Shares	[ ]	Too far away to fish	[ ]	Other (explain)	[ ]

BLOCK I - REQUIRED SUPPLEMENTAL INFORMATION MUST BE FILLED OUT BY TRANSFEREE (BUYER)

1. Will the QS/IFQ being purchased be used as collateral? [ ] Yes [ ] No

2. If yes, what entity holds the lien?

3. What is your primary source of financing this transfer (check one)?

Personal Resources (cash)	[ ]	Private Bank/Credit Union	[ ]	Alaska Dep't of Commerce	[ ]
AK Com. Fish & Ag. Bank	[ ]	Transferor (Seller)	[ ]	Processor/Fishing Company	[ ]
Received as Gift	[ ]	Other (explain)			

4. How did you locate this QS/IFQ (check all that apply)?

Relative/personal friend	[ ]	Advertisement/Public Notice	[ ]	Casual Acquaintance	[ ]
Broker	[ ]	Other (explain)			

5. What is your relationship to the QS/IFQ Holder (check all that apply)?

No Relationship	[ ]	Family Member	[ ]	Business Partner	[ ]
Friend	[ ]	Other (explain)			

6. Do you have an agreement to return the QS or IFQ to the Transferor (Seller)? [ ] Yes [ ] No

   If yes, please explain:

Figure 3
QS Transfer Application Form - 1996

REQUIRED SUPPLEMENTAL INFORMATION
THESE BLOCKS MUST BE FILLED OUT TO CONTINUE THE PROCESSING OF YOUR APPLICATION

BLOCK H - TO BE COMPLETED BY THE TRANSFEROR

1. Is there a broker being used for this transaction? [ ] Yes [ ] No

   If yes, how much is being paid in brokerage fees? $_____ or _____% of total price.

2. Will the QS/IFQ being purchased be used as collateral? [ ] Yes [ ] No

   If yes, what entity holds the Security Interest? _____

3. What is the **total amount** being paid for the QS/IFQ in this transaction, including all fees?
   $_____

   Please give price per unit of QS & price per pound of IFQ.

   $_____/Unit of QS and/or $_____/ # of IFQ

   (Price divided by QS Units) (Price divided by IFQ pounds)

4. What are the reasons for transferring QS/IFQ? (check all that apply)

Retirement from Fisheries	[ ]	Shares too small to fish	[ ]	Consolidation of shares	[ ]
Pursue non-fishing activities	[ ]	Trading Shares	[ ]	Other (explain)	[ ]
Health Problems	[ ]	Enter other Fisheries	[ ]		

BLOCK I - TO BE COMPLETED BY THE TRANSFEREE

1. What is the primary source of financing for this transfer (check one)?

Personal Resources (cash)	[ ]	AK Com. Fish & Ag. Bank	[ ]	Received as a Gift	[ ]
Private Bank/Credit Union	[ ]	Transferor (Seller)	[ ]	Other (explain)	[ ]
Alaska Dept. of Commerce	[ ]	Processor/Fishing Company	[ ]		

2. How was the QS/IFQ located (check all that apply)?

Relative/Personal Friend	[ ]	Casual Acquaintance	[ ]	Other (explain)	[ ]
Advertisement/Public Notice	[ ]	Broker	[ ]		

3. What is the Buyer's relationship to the QS/IFQ Holder (check all that apply)?

No Relationship	[ ]	Business Partner	[ ]	Other (explain)	[ ]
Family Member	[ ]	Friend	[ ]		

4. Is there an agreement to return the QS or IFQ to the Transferor (seller), or any other person? [ ] Yes [ ] No

   If yes, please explain:

Figure 4
QS Transfer Application Form - 1997

REQUIRED SUPPLEMENTAL INFORMATION
YOUR APPLICATION WILL NOT BE PROCESSED UNLESS YOU PROVIDE THE FOLLOWING INFORMATION

BLOCK H - TO BE COMPLETED BY THE TRANSFEROR

1. Is there a broker being used for this transaction? [ ] Yes [ ] No

   If yes, how much is being paid in brokerage fees? $_____ or _____ % of total price.

2. What is the total amount being paid for the QS/IFQ in this transaction, including all fees? _____

3. Give both the price per unit of QS and the price per pound of IFQ.

   $_____/Unit of QS (Price divided by QS Units)

   $_____/# of IFQ (Price divided by IFQ pounds)

4. What are your reasons for transferring the QS/IFQ? (check all that apply)

Retirement from Fisheries	[ ]	Shares too small to fish	[ ]	Consolidation of shares	[ ]
Pursue non-fishing activities	[ ]	Trading Shares	[ ]	Other (explain)	[ ]
Health Problems	[ ]	Enter other Fisheries	[ ]		

BLOCK I - TO BE COMPLETED BY THE TRANSFEREE

1. Will the QS/IFQ being purchased have a lien attached? [ ] Yes [ ] No

   If Yes, Name of Lien Holder _____

2. What is the primary source of financing for this transfer (check one)?

Personal Resources (cash)	[ ]	AK Com. Fish & Ag. Bank	[ ]	Received as a Gift	[ ]
Private Bank/Credit Union	[ ]	Transferor/Seller	[ ]	Other (explain)	[ ]
Alaska Dept. Of Commerce	[ ]	Processor/Fishing Company	[ ]		

3. How was the QS/IFQ located (check all that apply)?

Relative/Personal Friend	[ ]	Casual Acquaintance	[ ]	Other (explain)	[ ]
Advertisement/Public Notice	[ ]	Broker	[ ]		

4. What is the Buyer's relationship to the QS/IFQ Holder (check all that apply)?

No Relationship	[ ]	Business Partner	[ ]	Other (explain)	[ ]
Family Member	[ ]	Friend	[ ]		

5. Is there an agreement to return the QS or IFQ to the Transferor (seller), or any other person, or a condition placed on resale? [ ] Yes [ ] No

   If yes, please explain:

Figure 5
QS Transfer Application Form - 1998

BLOCK H - TO BE COMPLETED BY THE TRANSFEROR

1. Give the price per pound (including leases) $_____/ #IFQ (Price divided by IFQ pounds) Including fees

   Give the price per unit of QS $ _____/Unit of QS (Price divided by QS Units)

2. What is the **total amount** being paid for the QS/IFQ in this transaction, including all fees? _____

3. What are your reasons for transferring the QS/IFQ? (check all that apply)

Retirement from fisheries	☐	Shares too small to fish	☐	Consolidation of shares	☐
Pursue non-fishing activities	☐	Trading shares	☐	Other (explain)	☐
Health problems	☐	Enter other fisheries	☐		

4. Is there a broker being used for this transaction? ☐ Yes ☐ No

   If **yes**, how much is being paid in brokerage fees? $ _____ or _____ % of total price.

BLOCK I - TO BE COMPLETED BY THE TRANSFEREE

1. Will the QS/IFQ being purchased have a lien attached? ☐ Yes ☐ No

   If **yes**, name of lien holder _____

2. What is the primary source of financing for this transfer (check one)?

Personal resources (cash)	☐	AK Com. Fish & Ag. Bank	☐	Received as a gift	☐
Private bank/credit union	☐	Transferor/seller	☐	NMFS loan program	☐
Alaska Dept. Of Commerce	☐	Processor/fishing company	☐	Other (explain)	☐

3. How was the QS/IFQ located (check all that apply)?

Relative	☐	Advertisement/public notice	☐	Broker	☐
Personal friend	☐	Other (explain)	☐		

4. What is the Buyer's relationship to the QS/IFQ Holder (check all that apply)?

Unrelated	☐	Family member	☐	Business partner	☐	Friend	☐
Other (explain)	☐				

5. Is there an agreement to return the QS or IFQ to the Transferor (seller), or any other person, or a condition placed on resale? ☐ Yes ☐ No

   If **yes**, please explain:

NOTE: This application for transfer must be completed, signed, and notarized by both parties. Failure to have signatures properly notarized will result in delays in the processing of this application.

Figure 6
QS Transfer Application Form - 2008