

## 10 Changes in the Distribution of Halibut QS by State.

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Tables 10-1 and 10-2 examine halibut QS holdings based upon the US state of residence for QS holders. The tables show how the distribution of halibut QS holdings changed from initial issuance through year-end 1997. The state of residence for QS holders is based upon NMFS-RAM Division records of current mailing addresses.<sup>1</sup>

Alaska residents held the highest percentage of the QS in Areas 2C, 3A, 3B, 4A, 4C, and 4E at both initial issuance and at year-end 1997. Alaska residents showed slight increases of their QS holdings in Areas 2C, 3A, 4A, 4C, and 4D, and showed slight decreases of QS holdings in Areas 3B and 4B.

The percentage of QS held by Washington residents in each area at the end of 1997 ranged from 8.9% in Area 4E to 64.2% in Area 4D. They held the majority of QS in Areas 4B and 4D.

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

Table 10-2 indicates that in all areas except Area 4D the majority of QS holders were from Alaska, both at initial issuance and at year-end 1997.

Since initial issuance, the number of QS holders from each state has dropped in all areas from 2C to 4B. The drop in numbers of QS holders in these areas corresponds with increases in the average size of QS holdings. In Area 4E, there were no net changes in QS holders or average holdings. All the of TAC is devoted to CDQs in Area 4E.

Average QS holdings can vary considerably among persons from different states within a management area. In most areas, Alaska residents held smaller average amounts of QS than residents of Washington or Oregon. For example, at the end of 1997 in Area 3B, Alaska residents held an average of 52,328 QS units, whereas Oregon residents held an average of 105,526 QS units, and Washington residents held an average of 156,813 QS units.

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<sup>1</sup>NMFS-RAM is maintaining data only for current addresses in their computer files; however, CFEC has retained year-end 1995 to 1997 addresses of persons from previous NMFS-RAM files.

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 1997 period, and had different addresses and were classified into different resident categories at different points in time.

**Table 10-1. Initial Allocation and Year-end 1997 QS Holdings by Area and State**

Area	State	Initial Amount of QS	1997 Amount of QS	Initial Pct. of Area QS	1997 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	Alaska	49,264,061	50,541,042	82.7	84.9	1,276,981	2.6
	Washington	7,935,513	6,852,235	13.3	11.5	-1,083,278	-13.7
	Oregon	1,043,596	915,548	1.8	1.5	-128,048	-12.3
	Other	1,314,823	1,241,035	2.2	2.1	-73,788	-5.6
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		59,557,993	59,549,860			-8,133	
3A	Alaska	118,473,659	120,903,778	64.0	65.4	2,430,119	2.1
	Washington	42,343,128	43,603,177	22.9	23.6	1,260,049	3.0
	Oregon	15,232,359	13,836,013	8.2	7.5	-1,396,346	-9.2
	Other	9,002,001	6,397,687	4.9	3.5	-2,604,314	-28.9
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		185,051,147	184,740,655			-310,492	
3B	Alaska	28,012,259	27,105,711	51.8	50.3	-906,548	-3.2
	Washington	18,921,668	20,228,873	35.0	37.5	1,307,205	6.9
	Oregon	4,990,415	4,009,982	9.2	7.4	-980,433	-19.6
	Other	2,150,709	2,567,983	4.0	4.8	417,274	19.4
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		54,075,051	53,912,549			-162,502	
4A	Alaska	7,065,887	7,130,157	48.6	49.2	64,270	0.9
	Washington	5,409,765	5,095,102	37.2	35.1	-314,663	-5.8
	Oregon	1,342,610	1,322,267	9.2	9.1	-20,343	-1.5
	Other	716,740	955,439	4.9	6.6	238,699	33.3
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		14,535,002	14,502,965			-32,037	
4B	Alaska	3,242,733	3,055,243	34.9	32.9	-187,490	-5.8
	Washington	5,365,129	5,606,636	57.7	60.4	241,507	4.5
	Oregon	466,964	407,098	5.0	4.4	-59,866	-12.8
	Other	218,565	215,797	2.4	2.3	-2,768	-1.3
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		9,293,391	9,284,774			-8,617	
4C	Alaska	2,199,603	2,598,151	55.4	65.5	398,548	18.1
	Washington	1,180,825	1,002,955	29.7	25.3	-177,870	-15.1
	Oregon	498,399	327,482	12.6	8.3	-170,917	-34.3
	Other	90,359	40,598	2.3	1.0	-49,761	-55.1
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		3,969,186	3,969,186			0	
4D	Alaska	621,683	1,003,481	13.0	20.9	381,798	61.4
	Washington	3,482,437	3,073,495	72.7	64.2	-408,942	-11.7
	Oregon	612,624	713,515	12.8	14.9	100,891	16.5
	Other	73,747	0	1.5	0	-73,747	-100.0
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		4,790,491	4,790,491			0	
4E	Alaska	127,392	127,392	91.0	91.0	0	0.0
	Washington	12,507	12,507	8.9	8.9	0	0.0
	Other	100	100	0.1	0.1	0	0.0
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		139,999	139,999			0	

**Table 10-2. Initial Allocation and Year-end 1997 QS Holders by Area and State**

Area	State	Initial Number of QS Holders	1997 Number of QS Holders	Initial Pct. of Area QS Holders	1997 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	1997 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Alaska	1,970	1,468	82.5	84.3	-502	-25.5	25,007	34,429	9,422	37.7
	Washington	321	215	13.4	12.3	-106	-33.0	24,721	31,871	7,150	28.9
	Oregon	45	25	1.9	1.4	-20	-44.4	23,191	36,622	13,431	57.9
	Other	51	34	2.1	2.0	-17	-33.3	25,781	36,501	10,720	41.6
			----- 2,387	----- 1,742			----- -645				
3A	Alaska	2,435	1,886	79.3	80.5	-549	-22.5	48,654	64,106	15,452	31.8
	Washington	390	280	12.7	12.0	-110	-28.2	108,572	155,726	47,154	43.4
	Oregon	121	98	3.9	4.2	-23	-19.0	125,887	141,184	15,297	12.2
	Other	124	79	4.0	3.4	-45	-36.3	72,597	80,983	8,386	11.6
			----- 3,070	----- 2,343			----- -727				
3B	Alaska	780	518	73.8	72.4	-262	-33.6	35,913	52,328	16,415	45.7
	Washington	173	129	16.4	18.0	-44	-25.4	109,374	156,813	47,439	43.4
	Oregon	62	38	5.9	5.3	-24	-38.7	80,491	105,526	25,035	31.1
	Other	42	30	4.0	4.2	-12	-28.6	51,207	85,599	34,392	67.2
			----- 1,057	----- 715			----- -342				
4A	Alaska	376	268	70.8	70.2	-108	-28.7	18,792	26,605	7,813	41.6
	Washington	108	83	20.3	21.7	-25	-23.1	50,090	61,387	11,297	22.6
	Oregon	31	20	5.8	5.2	-11	-35.5	43,310	66,113	22,803	52.7
	Other	16	11	3.0	2.9	-5	-31.3	44,796	86,858	42,062	93.9
			----- 531	----- 382			----- -149				
4B	Alaska	80	68	52.3	51.5	-12	-15.0	40,534	44,930	4,396	10.8
	Washington	52	50	34.0	37.9	-2	-3.8	103,176	112,133	8,957	8.7
	Oregon	14	11	9.2	8.3	-3	-21.4	33,355	37,009	3,654	11.0
	Other	7	3	4.6	2.3	-4	-57.1	31,224	71,932	40,708	130.4
			----- 153	----- 132			----- -21				

(Continued)

**Table 10-2 (con't). Initial Allocation and Year-end 1997 QS Holders by Area and Year**

Area	State	Initial Number of QS Holders	1997 Number of QS Holders	Initial Pct. of Area QS Holders	1997 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	1997 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
4C	Alaska	48	50	60.0	64.9	2	4.2	45,825	51,963	6,138	13.4
	Washington	24	21	30.0	27.3	-3	-12.5	49,201	47,760	-1,441	-2.9
	Oregon	5	4	6.3	5.2	-1	-20.0	99,680	81,871	-17,809	-17.9
	Other	3	2	3.8	2.6	-1	-33.3	30,120	20,299	-9,821	-32.6
			----- 80	----- 77			----- -3				
4D	Alaska	22	23	32.4	37.7	1	4.5	28,258	43,630	15,372	54.4
	Washington	38	31	55.9	50.8	-7	-18.4	91,643	99,145	7,502	8.2
	Oregon	6	7	8.8	11.5	1	16.7	102,104	101,931	-173	-0.2
	Other	2	0	2.9	0.0	-2	-100.0	36,874	0	-36,879	-100.0
			----- 68	----- 61			----- -8				
4E	Alaska	98	98	94.2	94.2	0	0.0	1,300	1,300	0	0.0
	Washington	5	5	4.8	4.8	0	0.0	2,501	2,501	0	0.0
	Other	1	1	1.0	1.0	0	0.0	100	100	0	0.0
			----- 104	----- 104			----- 0				