

## 10 Changes in the Distribution of Sablefish QS by State

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Tables 10-1 and 10-2 examine QS holdings based upon the US state where QS holders reside. These tables show how the distribution of sablefish QS holdings changed by state from initial issuance through year-end 1998. The state of residence for QS holders is based upon NMFS-RAM records of current mailing addresses.<sup>67</sup>

At both initial issuance and at the end of 1998, persons from Washington held the highest percentage of QS in all IFQ areas except Southeast. By the end of 1998, Washington residents had slightly increased their QS holdings in the Southeast, West Yakutat, and Western Gulf areas and had slightly decreased their QS holdings in all other areas.

The percentage of QS held by Alaskans in each area at the end of 1998 ranged from 23.2% in the Western Gulf area to 62.1% in the Southeast area. Sablefish QS holdings by Alaska residents have increased significantly in the Central Gulf, Bering Sea, and Aleutian Islands management areas, and have decreased in the other areas.

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 shows similar information as Table 10-1, except it examines the number of QS holders instead of the amount of QS. In the Southeast, West Yakutat, and Central Gulf the majority of QS holders were from Alaska, both at initial issuance and at year-end 1998. Nonresidents of Alaska made up the majority of the QS holders in the Western Gulf, Aleutian Islands, and Bering Sea areas at both initial issuance and year-end 1998.

Since initial issuance, the overall number of QS holders has dropped in all areas. With this drop in the number of QS holders there was a corresponding increase in the average size of QS holdings in each IFQ management area for residents of most states.

Average QS holdings vary considerably among persons from different states within a management area. For example, in the West Yakutat area, Alaska residents received average initial allocations of 73,978 QS units, whereas Oregon residents received average initial allocations of 109,134 QS units, and Washington residents received average initial

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<sup>67</sup>NMFS-RAM is maintaining data only for current addresses in their computer files; however, CFEC has retained 1995 through 1998 year-end addresses of persons from former NMFS-RAM databases. As a result, the year-end address assignments for persons are based upon their respective addresses as of January 1, 1996, December 31, 1996, and January 2, 1998.

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 allocations over the 1995 to 1998 period, and had different addresses and were classified into different resident categories at different points in time.

allocations of 192,088 QS units. In all areas except Southeast, persons from Washington held the highest average amounts of QS, both at initial issuance and at year-end 1998.

**Table 10-1. Initial Allocation and Year-end 1998 QS Holdings by Area and State**

Area	State	Initial Amount of QS	1998 Amount of QS	Initial Pct. of Area QS	1998 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
Southeast	Alaska	42,740,595	40,944,080	64.3	62.1	-1,796,515	-4.2
	Washington	19,289,335	20,900,976	29.0	31.7	1,611,641	8.4
	Oregon	1,922,885	1,541,557	2.9	2.3	-381,328	-19.8
	Other	2,521,979	2,581,235	3.8	3.9	59,256	2.3
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		66,474,794	65,967,848			-506,946	
W. Yakutat	Alaska	18,494,619	17,928,282	34.6	33.7	-566,337	-3.1
	Washington	30,734,052	31,027,685	57.5	58.3	293,633	1.0
	Oregon	2,619,205	2,324,963	4.9	4.4	-294,242	-11.2
	Other	1,584,985	1,926,295	3.0	3.6	341,310	21.5
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		53,432,861	53,207,225			-225,636	
C. Gulf	Alaska	43,422,477	49,881,540	39.0	44.9	6,459,063	14.9
	Washington	55,214,072	52,524,244	49.5	47.3	-2,689,828	-4.9
	Oregon	5,180,714	3,581,372	4.6	3.2	-1,599,342	-30.9
	Other	7,660,286	5,045,267	6.9	4.5	-2,615,019	-34.1
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		111,477,549	111,032,423			-445,126	
W. Gulf	Alaska	8,523,462	8,326,960	23.6	23.2	-196,502	-2.3
	Washington	24,283,461	24,458,282	67.3	68.0	174,821	0.7
	Oregon	1,022,862	1,141,406	2.8	3.2	118,544	11.6
	Other	2,256,096	2,024,364	6.3	5.6	-231,732	-10.3
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		36,085,881	35,951,012			-134,869	
Bering Sea	Alaska	7,090,226	7,721,898	38.1	41.5	631,672	8.9
	Washington	10,313,616	9,828,627	55.4	52.9	-484,989	-4.7
	Oregon	432,874	427,131	2.3	2.3	-5,743	-1.3
	Other	768,438	609,820	4.1	3.3	-158,618	-20.6
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		18,605,154	18,587,476			-17,678	
Aleutians	Alaska	7,112,625	9,015,245	22.6	28.6	1,902,620	26.7
	Washington	22,270,655	21,048,613	70.7	66.8	-1,222,042	-5.5
	Oregon	628,152	631,336	2.0	2.0	3,184	0.5
	Other	1,506,744	822,982	4.8	2.6	-683,762	-45.4
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		31,518,176	31,518,176			0	

**Table 10-2. Initial Allocation and Year-end 1998 QS Holders by Area and State**

Area	State	Initial Number of QS Holders	1998 Number of QS Holders	Initial Pct. of Area QS Holders	1998 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	1998 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
Southeast	Alaska	465	329	65.3	62.7	-136	-29.2	91,915	124,450	32,535	35.4
	Washington	197	162	27.7	30.9	-35	-17.8	97,915	129,018	31,103	31.8
	Oregon	25	14	3.5	2.7	-11	-44.0	76,915	110,111	33,196	43.2
	Other	25	20	3.5	3.8	-5	-20.0	100,879	129,062	28,183	27.9
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		712	525			-187					
W. Yakutat	Alaska	250	187	54.9	54.8	-63	-25.2	73,978	95,873	21,895	29.6
	Washington	160	125	35.2	36.7	-35	-21.9	192,088	248,221	56,133	29.2
	Oregon	24	18	5.3	5.3	-6	-25.0	109,134	129,165	20,031	18.4
	Other	21	11	4.6	3.2	-10	-47.6	75,475	175,118	99,643	132.0
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		455	341			-114					
C. Gulf	Alaska	395	307	61.5	64.1	-88	-22.3	109,930	162,481	52,551	47.8
	Washington	184	130	28.7	27.1	-54	-29.3	300,076	404,033	103,957	34.6
	Oregon	37	26	5.8	5.4	-11	-29.7	140,019	137,745	-2,274	-1.6
	Other	26	16	4.0	3.3	-10	-38.5	294,626	315,329	20,703	7.0
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		642	479			-163					
W. Gulf	Alaska	107	87	46.1	46.5	-20	-18.7	79,659	95,712	16,053	20.2
	Washington	100	78	43.1	41.7	-22	-22.0	242,835	313,568	70,733	29.1
	Oregon	12	11	5.2	5.9	-1	-8.3	85,239	103,764	18,525	21.7
	Other	13	11	5.6	5.9	-2	-15.4	173,546	184,033	10,487	6.0
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		232	187			-45					
Bering Sea	Alaska	62	59	43.1	46.1	-3	-4.8	114,358	130,880	16,522	14.4
	Washington	65	56	45.1	43.8	-9	-13.8	158,671	175,511	16,840	10.6
	Oregon	8	5	5.6	3.9	-3	-37.5	54,109	85,426	31,317	57.9
	Other	9	8	6.3	6.3	-1	-11.1	85,382	76,228	-9,154	-10.7
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		144	128			-16					
Aleutians	Alaska	49	44	36.0	37.0	-5	-10.2	145,156	204,892	59,736	41.2
	Washington	73	62	53.7	52.1	-11	-15.1	305,077	339,494	34,417	11.3
	Oregon	5	6	3.7	5.0	1	20.0	125,630	105,223	-20,407	-16.2
	Other	9	7	6.6	5.9	-2	-22.2	167,416	117,569	-49,847	-29.8
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		136	119			-17					