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**PRELIMINARY REPORT OF SALMON ENHANCEMENT  
PRODUCTION IN JAPAN [1994]**

by

**Fisheries Agency of Japan**

**Ministry of Agriculture, Forestry and Fisheries**

**1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100**

**Japan**

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Total juvenile salmon released from hatcheries stood at about 2.2 billion, but remained at about the 1983 level in 1994 (Table 1). Chum salmon releases in 1994 were approximately 92.9 %, and pink salmon were approximately 6.3 % of the total releases. The remaining releases were masu and sockeye salmon. The development stage of chum and pink salmon at release was the fry stage, it of masu and sockeye salmon contained fry, juvenile and smolt stages.

In 1994, adult salmon captured for the enhancement program totalled about 7.6 million, of which approximately 74.3 % were chum, and 25.1 % were pink salmon (Table 2).

Table 1a. Production of artificially-reared anadromous juvenile salmonids by species and region in thousands of fish (Japan 1994).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	723,382	1,138	669,548	50,478	2,218
Japan Sea C.	206,923	–	198,445	1,888	6,590
Okhotsk Sea C.	305,393	–	215,961	87,455	1,977
Honshu					
Pacific C.	733,896	–	732,865	–	1,031
Japan Sea C.	238,171	–	235,271	–	2,900
<b>Total</b>	<b>2,207,765</b>	<b>1,138</b>	<b>2,052,090</b>	<b>139,821</b>	<b>14,716</b>

Note: – = no production in this area

Table 1b. Production of artificially-reared anadromous juvenile salmonids by species and region in tons (Japan 1994).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	926	11	864	32	19
Japan Sea C.	234	–	204	1	29
Okhotsk Sea C.	265	–	220	35	10
Honshu					
Pacific C.	1,063	–	1,044	–	19
Japan Sea C.	271	–	243	–	28
<b>Total</b>	<b>2,759</b>	<b>11</b>	<b>2,575</b>	<b>68</b>	<b>105</b>

Note: – = no production in this area

Table 2a. Salmon adult capture in rivers by species and region in thousands of fish (Japan 1994).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	2,404	1	2,021	373	9
Japan Sea C.	875	***	868	4	3
Okhotsk Sea C.	2,847	***	1,315	1,530	2
Honshu					
Pacific C.	1,070	***	1,069	***	1
Japan Sea C.	366	***	364	***	2
Total	7,562	1	5,637	1,907	17

Note: \*\*\* = no data available

Table 2b. Salmon adult capture in rivers by species and region in tons (Japan 1994).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	6,751	1	6,202	538	9
Japan Sea C.	2,697	***	2,686	5	6
Okhotsk Sea C.	5,596	***	3,758	1,836	2
Honshu					
Pacific C.	3,068	***	3,067	***	1
Japan Sea C.	1,096	***	1,092	***	4
Total	19,208	1	16,806	2,379	22

Note: \*\*\* = no data available