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PRELIMINARY REPORT OF SALMON ENHANCEMENT PRODUCTION IN Japan [1995]

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 2.151 billion fish which was 2.6 % less than that in last year (Table 1). Chum salmon releases in 1995 were approximately 93.9 %, and pink salmon were approximately 5.5 % of the total releases. The remaining releases were masu and sockeye salmon. The development stage of chum and pink salmon was the fry stage, that of masu and sockeye salmon contained fry, juvenile, and smolt stages.

In 1995, adult salmon captured for the enhancement program totalled about 6.0 million fish, of which approximately 92.2 % were chum, and 4.0 % were pink salmon (Table 2).

Table 1a. Production of artificially-reared anadromous juvenile salmonids by species and region in thousands of fish (Japan 1995).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	677,093	905	643,842	29,545	2,801
Japan Sea C.	205,834	-	197,585	1,895	6,354
Okhotsk Sea C.	309,419	-	222,004	86,480	935
Honshu					
Pacific C.	708,326	-	707,621	-	705
Japan Sea C.	250,565	-	248,319	-	2,246
Total	2,151,237	905	2,019,371	117,920	13,041

Note: - = no production in this area

Table 1b. Production of artificially-reared anadromous juvenile salmonids by species and region in tons (Japan 1995).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	902	12	850	22	18
Japan Sea C.	223	-	200	1	23
Okhotsk Sea C.	254	-	211	35	8
Honshu					
Pacific C.	889	-	877	-	12
Japan Sea C.	313	-	305	-	8
Total	2,583	12	2,443	58	69

Note: - = no production in this area

Table 2a. Salmon adult capture in rivers by species and region in thousands of fish (Japan 1995).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	1,853	2	1,664	183	4
Japan Sea C.	979	***	978	0	1
Okhotsk Sea C.	1,471	***	1,195	270	6
Honshu					
Pacific C.	1,286	***	1,285	***	1
Japan Sea C.	406	***	405	***	1
Total	5,995	2	5,527	453	13

Note: *** = no data available

Table 2b. Salmon adult capture in rivers by species and region in tons (Japan 1995).

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	5,779	2	5,496	277	4
Japan Sea C.	3,034	***	3,032	0	2
Okhotsk Sea C.	4,351	***	3,884	462	6
Honshu					
Pacific C.	4,062	***	4,061	***	1
Japan Sea C.	1,266	***	1,264	***	2
Total	18,492	2	17,736	739	15

Note: *** = no data available