

**PRELIMINARY REPORT OF SALMON ENHANCEMENT PRODUCTION IN JAPAN
[1992]**

Fisheries Agency of Japan

Total juvenile salmon released from hatcheries stood at about 2.2 billion, but remained at about the 1983 level in 1992 (Table 1). Chum salmon releases in 1992 were approximately 93%, and pink salmon were approximately 6% of the total releases. The remaining releases were masu and sockeye salmon. In 1992, adult salmon captured for the enhancement program totalled about 3.7 million, of which approximately 73% were chum salmon, and 26% were pink salmon (Table 2).

Table 1a. Production of artificially-reared anadromous juvenile salmonids by species, by region, in thousands of fish (Japan 1992)

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	696,765	2,858	642,199	47,102	4,606
Japan Sea C.	216,781	-	206,265	2,489	8,027
Okhotsk Sea C.	297,550	-	205,409	91,233	908
Honshu					
Pacific C.	724,275	-	722,752	-	1,523
Japan Sea C.	266,865	-	264,971	-	1,894
Total	2,202,236	2,858	2,041,596	140,824	16,958

Note: - = no production in this area

Table 1b. Production of artificially-reared anadromous juvenile salmonids by species, by region, in tons (Japan 1992)

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	841	13	777	24	27
Japan Sea C.	229	-	204	1	24
Okhotsk Sea C.	243	-	207	33	3
Honshu					
Pacific C.	1,052	-	1,019	-	33
Japan Sea C.	298	-	286	-	12
Total	2,663	13	2,493	58	99

Note: - = no production in this area

Table 2a. Salmon adult capture in rivers by species, by region, in thousands of fish (Japan 1992)

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	1,108	2	929	173	4
Japan Sea C.	296	***	286	5	5
Okhotsk Sea C.	1,093	***	319	772	2
Honshu					
Pacific C.	962	***	961	***	1
Japan Sea C.	211	***	202	***	9
Total	3,670	2	2,697	950	21

Note: ID = *** = no data available

Table 2b. Salmon adult capture in rivers by species, by region, in ton* (Japan 1992)

Region Area	Species				
	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	3,257	3	2,973	277	4
Japan Sea C.	928	***	915	8	5
Okhotsk Sea C.	2,258	***	1,021	1,235	2
Honshu					
Pacific C.	3,076	***	3,075	***	1
Japan Sea C.	655	***	646	***	9
Total	10,174	3	8,630	1,520	21

Note: *** = no data available,

* estimation from number (average size: sockeye 1.5 kg, chum 3.2 kg, pink 1.6 kg, masu 1.0 kg)