

**PRELIMINARY REPORT OF SALMON ENHANCEMENT PRODUCTION
IN JAPAN [1996]**

by

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Total juvenile salmon released from hatcheries stood at about 2.2 billion, but remained at about the 1983 level in 1996 (Table 1). Chum salmon releases in 1996 were approximately 92.8%, and pink salmon were approximately 6.4% of the total release. 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 1996, adult salmon captured for the enhancement program totalled about 8.3 million, of which approximately 72.3% was chum salmon, and 27.5% was pink salmon (Table 2).

Table 1a. Production of artificially-reared anadromous juvenile salmonids by species and region in thousands of fish (Japan 1996).

Region		Species			
Area	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	678,582	887	625,688	49,071	2,936
Japan Sea C.	205,180	—	197,108	2,050	6,022
Okhotsk Sea C.	303,256	—	213,537	86,568	3,151
Honshu					
Pacific C.	741,129	—	739,526	—	1,603
Japan Sea C.	237,035	—	234,464	—	2,571
Total	2,165,182	887	2,010,323	137,689	16,283

Note: — = no production in this area.

Table 1b. Production of artificially-reared anadromous juvenile salmonids by species and region in tonnes (Japan 1996).

Region		Species			
Area	Total	Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	930	12	861	38	19
Japan Sea C.	239	—	208	1	30
Okhotsk Sea C.	271	—	215	38	18
Honshu					
Pacific C.	1,099	—	1,067	—	32
Japan Sea C.	265	—	244	—	21
Total	2,804	12	2,595	77	120

Note: — = no production in this area.

Table 2a. Salmon adult capture in rivers by species and region in thousands of fish (Japan 1996).

Region Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	2,135	1	1,883	249	2
Japan Sea C.	639	***	634	2	3
Okhotsk Sea C.	3,238	***	1,198	2,034	6
Honshu					
Pacific C.	1,981	***	1,980	***	1
Japan Sea C.	314	***	312	***	2
Total	8,307	1	6,007	2,285	14

Note: *** = no data available.

Table 2b. Salmon adult capture in rivers by species and region in tonnes (Japan 1996).

Region Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific C.	6,639	1	6,270	365	3
Japan Sea C.	2,189	***	2,179	3	7
Okhotsk Sea C.	7,050	***	4,087	2,959	4
Honshu					
Pacific C.	5,981	***	5,980	***	1
Japan Sea C.	990	***	986	***	4
Total	22,849	1	19,502	3,327	19

Note: *** = no data available.