

NPAFC

Doc. 1043

Rev. _____

Rev. Date: _____

Preliminary 2006 Salmon Enhancement Production in Japan

by

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Submitted to the

NORTH PACIFIC ANADROMOUS FISH COMMISSION

by

JAPAN

October 2007

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Takahashi, M., and F. Itoh. 2007. Preliminary 2006 salmon enhancement production in Japan. NPAFC Doc. 1043. 3 pp. (Available at <http://www.npafc.org>).

Preliminary 2006 Salmon Enhancement Production in Japan

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Four species of Pacific salmon (chum, pink, masu, and sockeye salmon) are currently enhanced in Japan. A total of 2,016 million juveniles and smolts were released from Japanese hatcheries in 2006 (Tables 1 and 2). Approximately 1,858 million chum salmon fry were released in the spring of 2006, the almost same level as in the previous year. Japanese hatcheries also released 147 million pink salmon fry, 10,687 thousand juveniles and smolts of masu salmon, and 312 thousand juveniles and smolts of sockeye salmon.

In 2006, a total of 7,497 thousand adult salmon were captured in rivers along the Japanese coasts (Tables 3 and 4). Chum and pink salmon accounted for 87.5 % and 12.3 % of the total river catches, respectively. Within Hokkaido, the number of adult returns was 14,043 fishes for anadromous masu salmon, and 1,002 fishes for anadromous sockeye salmon.

Table 1. Number (in thousands) of anadromous salmon releases from Japanese hatcheries in 2006.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	663,903	312	612,189	50,616	786
Japan Sea Coast	199,772		194,467		5,305
Okhotsk Sea Coast	312,082		215,062	96,588	432
Honshu					
Pacific Coast	672,290		671,659		631
Japan Sea Coast	168,411		164,877		3,533
Total	2,016,458	312	1,858,254	147,204	10,687

Table 2. Weight (in tonnes) of anadromous salmon releases from Japanese hatcheries in 2006.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	883.4	5.8	854.1	17.7	5.8
Japan Sea Coast	254.6		201.4		53.2
Okhotsk Sea Coast	283.0		246.9	31.5	4.6
Honshu					
Pacific Coast	1,002.0		995.0		7.0
Japan Sea Coast	200.2		186.1		14.1
Total	2,623.2	5.8	2,483.5	49.2	84.7

Table 3. Number (in thousands) of adult salmon caught in rivers along Japanese coasts in 2006.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	1,685.1	1.0	1,610.8	72.6	0.7
Japan Sea Coast	597.5		595.4		2.1
Okhotsk Sea Coast	2,436.0		1,572.5	852.2	11.3
Honshu					
Pacific Coast	1,942.0		1,942.0		**
Japan Sea Coast	836.3		836.3		**
Total	7,496.9	1.0	6,536.6	924.8	14.1

** Data not available.

Table 4. Weight (in tonnes) of adult salmon caught in rivers along Japanese coasts in 2006.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	5,722.2	1.1	5,602.1	118.1	0.9
Japan Sea Coast	1,987.4		1,982.8		4.6
Okhotsk Sea Coast	6,933.3		5,566.5	1,355.0	11.8
Honshu					
Pacific Coast	6,544.6		6,544.6		**
Japan Sea Coast	2,826.6		2,826.6		**
Total	24,014.1	1.1	22,522.6	1,473.1	17.3

** Data not available.