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by

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Four species of anadromous Pacific salmon (chum, pink, masu, and sockeye salmon) are currently enhanced in Japan. A total of 1,903 million fry, juveniles and smolts were released from Japanese hatcheries in 2014 (Tables 1 and 2). Number of chum salmon fry released in the spring of 2014 was approximately 1,768 million fish. Japanese hatcheries also released approximately 123 million pink salmon fry, 11,944 thousand masu salmon fry, juveniles and smolts, and 194 thousand sockeye salmon fry and smolts in the spring and fall of 2014.

In 2014, the number of adult salmon captured in rivers along the Japanese coasts was 4,402 thousand fish (Table 3), which corresponded to 15,022 metric tonnes in weight (Table 4). The dominant and second dominant species were chum and pink salmon, contributing 93.8% and 6.0% in numbers of all salmon captured in rivers, respectively. Adult masu salmon occur in rivers of both Hokkaido and Honshu, but number of catches was not available in Honshu. The number of adult masu salmon caught in rivers of Hokkaido was approximately 5.7 thousand fish. Anadromous sockeye salmon were caught in three rivers along the Pacific coast of Hokkaido, where the number of catches was 273 fish.

Table 1. Number (in thousands) of anadromous salmon released from Japanese hatcheries in 2014.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	652,885	194	634,022	18,180	489
Japan Sea Coast	209,344		201,843	2,374	5127
Okhotsk Sea Coast	346,788		243,279	102,394	1,115
Honshu					
Pacific Coast	547,428		546,589 ^{*1}		839
Japan Sea Coast	146,579		142,205		4374 ^{*1}
Total	1,903,024	194	1,767,938	122,948	11,944

^{*1} Number of chum and masu salmon released from hatcheries of Iwate Prefectures along Pacific coast and Akita Prefectures along Japan Sea coast was estimated from the enhancement plan.

Table 2. Weight (in tonnes) of anadromous salmon released from Japanese hatcheries in 2014.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	802.6	2.9	792.7	4.6	2.4
Japan Sea Coast	263.0		221.2	0.6	41.2
Okhotsk Sea Coast	324.3		285.1	35.1	4.1
Honshu					
Pacific Coast	158.3 ^{*2}		158.3 ^{*2}		NA ^{*1}
Japan Sea Coast	141.0 ^{*3}		124.3		16.7 ^{*3}
Total	1,689.2	2.9	1,581.7	40.3	64.3

^{*1} NA, Data not available. The weight data of masu salmon released from hatcheries in Aomori (approximately 513 thousand fry and 326 thousand juveniles) are not included.

^{*2} Weight data of chum salmon released from hatcheries in Iwate (approximately 393 million fry) prefectures are not included.

^{*3} Weight data of masu salmon released from hatcheries in Aomori (approximately 108 thousand

juveniles) are not included.

Table 3. Number (in thousands) of adult salmon caught in rivers along Japanese coasts in 2014.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	1,173.9	0.3	1,166.0	6.5	1.1
Japan Sea Coast	381.1		378.2		2.9
Okhotsk Sea Coast	1,561.7		1,301.4	258.6	1.6
Honshu					
Pacific Coast	790.0		790.0		NA*
Japan Sea Coast	495.6		495.6		NA*
Total	4,402.4	0.3	4,131.2	265.2	5.7

*NA, Data not available.

Table 4. Weight (in tonnes) of adult salmon caught in rivers along Japanese coasts in 2014.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
Hokkaido					
Pacific Coast	4,053.4	0.4	4,040.6	11.3	1.1
Japan Sea Coast	1,208.5		1,202.8		5.7
Okhotsk Sea Coast	5,087.5		4,633.1	452.6	1.7
Honshu					
Pacific Coast	2,968.4		2,968.4		NA*
Japan Sea Coast	1,704.0		1,704.0		NA*
Total	15,021.8	0.4	14,548.9	463.9	8.5

*NA, Data not available.