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# **Preliminary 2007 Salmon Enhancement Production in Japan**

by

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## **Preliminary 2007 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 2,035 million juveniles and smolts were released from Japanese hatcheries in 2007 (Tables 1 and 2). Approximately 1,870 million chum salmon fry were released in the spring of 2007, the almost same level as in the previous year. Japanese hatcheries also released 151 million pink salmon fry, 13,003 thousand juveniles and smolts of masu salmon, and 314 thousand juveniles and smolts of sockeye salmon.

In 2007, a total of 7,238 thousand adult salmon were captured in rivers along the Japanese coasts (Tables 3 and 4). Chum and pink salmon accounted for 80.0 % and 19.8 % of the total river catches, respectively. Within Hokkaido, the number of adult returns was 10,381 fishes for anadromous masu salmon, and 982 fishes for anadromous sockeye salmon.

**Table 1.** Number (in thousands) of anadromous salmon releases from Japanese hatcheries in 2007.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	676,925	314	624,306	51,612	693
Japan Sea Coast	201,239		195,606		5,633
Okhotsk Sea Coast	315,963		215,173	99,627	1,163
<b>Honshu</b>					
Pacific Coast	665,301		664,562		739
Japan Sea Coast	175,133		170,358		4,775
<b>Total</b>	<b>2,034,561</b>	<b>314</b>	<b>1,870,005</b>	<b>151,239</b>	<b>13,003</b>

**Table 2.** Weight (in tonnes) of anadromous salmon releases from Japanese hatcheries in 2007.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	843.3	5.0	820.3	13.8	4.2
Japan Sea Coast	285.9		228.0		57.9
Okhotsk Sea Coast	268.0		232.8	29.7	5.5
<b>Honshu</b>					
Pacific Coast	859.4		852.6		6.8
Japan Sea Coast	197.5		182.6		14.9
<b>Total</b>	<b>2,454.1</b>	<b>5.0</b>	<b>2,316.3</b>	<b>43.5</b>	<b>89.3</b>

**Table 3.** Number (in thousands) of adult salmon caught in rivers along Japanese coasts in 2007.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	1,677.3	1.0	1,549.2	126.4	0.7
Japan Sea Coast	303.7		301.5		2.2
Okhotsk Sea Coast	2,728.1		1,410.7	1310.0	7.4
<b>Honshu</b>					
Pacific Coast	2,077.2		2,077.2		**
Japan Sea Coast	451.2		451.2		**
<b>Total</b>	<b>7,237.5</b>	<b>1.0</b>	<b>5,789.8</b>	<b>1,436.4</b>	<b>10.3</b>

\*\* Data not available.

**Table 4.** Weight (in tonnes) of adult salmon caught in rivers along Japanese coasts in 2007.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	5,332.2	1.2	5,107.6	222.4	1.0
Japan Sea Coast	948.8		943.8		5.0
Okhotsk Sea Coast	6,978.8		4,796.4	2,174.7	7.7
<b>Honshu</b>					
Pacific Coast	5,109.9		5,109.9		**
Japan Sea Coast	1,403.2		1,403.2		**
<b>Total</b>	<b>19,772.9</b>	<b>1.2</b>	<b>17,360.9</b>	<b>2,397.1</b>	<b>13.7</b>

\*\* Data not available.