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# **Preliminary 2000 Salmon Enhancement Production in Japan**

by

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## **Preliminary 2000 Salmon Enhancement Production in Japan**

National Salmon Resources Center

Four species of Pacific salmon (chum, pink, masu, and sockeye salmon) are currently enhanced in Japan. A total of 1,972 million juveniles and smolts were released from Japanese hatcheries in 2000 (Tables 1 and 2). Approximately 1,817 million chum salmon fry were released in the spring of 2000, the almost same level as in the previous year. Japanese hatcheries also released 139 million pink salmon fry, 15,300 thousand juveniles and smolts of masu salmon, and 376 thousand juveniles and smolts of sockeye salmon.

In 2000, a total of 4,962 thousand adult salmon were captured in rivers along the Japanese coasts (Tables 3 and 4). Chum and pink salmon accounted for 74.3 % and 25.5 % of the total river catches, respectively. Within Hokkaido, the number of adult returns was 13,887 fishes for anadromous masu salmon, and 799 fishes for anadromous sockeye salmon.

**Table 1.** Number (in thousands) of anadromous salmon releases from Japanese hatcheries in 2000.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	628,123	376.2	579,082	47,440	1,224.3
Japan Sea Coast	202,446	0	195,577	0	6,869.1
Okhotsk Sea Coast	303,551	0	210,523	91,629	1,399.1
<b>Honshu</b>					
Pacific Coast	653,940	0	653,281	0	659.3
Japan Sea Coast	184,119	0	178,971	0	5,147.8
<b>Total</b>	<b>1,972,179</b>	<b>376.2</b>	<b>1,817,434</b>	<b>139,069</b>	<b>15,299.6</b>

**Table 2.** Weight (in tonnes) of anadromous salmon releases from Japanese hatcheries in 2000.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	778.9	6.0	735.4	27.5	9.9
Japan Sea Coast	235.4	0	179.9	0	55.5
Okhotsk Sea Coast	233.3	0	193.7	32.1	7.6
<b>Honshu</b>					
Pacific Coast	876.6	0	862.3	0	14.3
Japan Sea Coast	179.0	0	179.0	0	**
<b>Total</b>	<b>2,303.3</b>	<b>6.0</b>	<b>2,150.3</b>	<b>59.6</b>	<b>87.4</b>

\*\* Data not available

**Table 3.** Number (in thousands) of adult salmon caught in rivers along Japanese coasts in 2000.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	1,374.3	0.8	1,054.0	318.5	1.0
Japan Sea Coast	522.6	**	518.1	0	4.5
Okhotsk Sea Coast	1,823.5	**	870.9	944.3	8.4
<b>Honshu</b>					
Pacific Coast	963.1	**	963.1	**	**
Japan Sea Coast	278.2	**	278.2	**	**
<b>Total</b>	<b>4,961.8</b>	<b>0.8</b>	<b>3,684.3</b>	<b>1,262.8</b>	<b>13.9</b>

\*\* Data not available.

**Table 4.** Weight (in tonnes) of adult salmon caught in rivers along Japanese coasts in 2000.

Area	Total	Species			
		Sockeye	Chum	Pink	Masu
<b>Hokkaido</b>					
Pacific Coast	4,287.9	3.2	3,699.6	519.2	65.9
Japan Sea Coast	1,680.9	**	1,673.6	0	7.3
Okhotsk Sea Coast	4,564.6	**	3,056.8	1,501.4	6.5
<b>Honshu</b>					
Pacific Coast	3,101.2	**	3,101.2	**	**
Japan Sea Coast	1,026.4	**	1,026.4	**	**
<b>Total</b>	<b>14,661.1</b>	<b>3.2</b>	<b>12,557.6</b>	<b>2,020.6</b>	<b>79.7</b>

\*\* Data not available.