

**Biostatistical Information on Salmon Catches, Escapement,  
Outmigrants Number, and Enhancement Production  
in Russia in 2007**

**Pacific Research Fisheries Centre (TINRO-centre)**

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Table 1

**Total salmon catch in Russia ( Far East ) by species, region and subregion, in tonnes, 2007**

<b>Region,subregion</b>	<b>Pink</b>	<b>Chum</b>	<b>Sockeye</b>	<b>Coho</b>	<b>Chinook</b>	<b>Masu</b>	<b>Total</b>
Western Bering Sea	120,40	908,60	336,60				<b>1365,60</b>
Eastern Kamchatka	72711,56	10309,45	7204,09	1626,40	727,74		<b>92579,24</b>
Kuriles	45441,56	7335,12	181,59	51,83	9,94		<b>53020,05</b>
The Sea of Okhotsk							
Western Kamchatka	15591,80	9409,80	22302,90	1490,20	62,90		<b>48857,60</b>
Continental coast	18045,38	11232,98	56,71	540,81			<b>29875,88</b>
Sakhalin coast	106120,20	6392,50		1,99		1,74	<b>112516,44</b>
Amur Basin	1008,69	5129,11					<b>6137,80</b>
The Sea of Japan							
Primor'e	269,93	99,65				9,25	<b>378,82</b>
Southwestern Sakhalin	519,70	3454,40					<b>3974,10</b>
<b>Total</b>	<b>259829,22</b>	<b>54271,61</b>	<b>30081,89</b>	<b>3711,24</b>	<b>800,58</b>	<b>10,99</b>	<b>348705,53</b>

Table 2

**Total salmon catch in Russia ( Far East ) by species, region and subregion, in thousands of fish, 2007**

<b>Region,subregion</b>	<b>Pink</b>	<b>Chum</b>	<b>Sockeye</b>	<b>Coho</b>	<b>Chinook</b>	<b>Masu</b>	<b>Total</b>
Western Bering Sea	80,27	296,73	97,08				<b>474,09</b>
Eastern Kamchatka	49719,65	3267,23	2820,49	565,90	125,17		<b>56498,44</b>
Kuriles	32611,09	2358,38	68,91	19,52	3,76		<b>35061,67</b>
The Sea of Okhotsk							
Western Kamchatka	9747,67	2923,11	7840,81	450,06	8,15		<b>20969,79</b>
Continental coast	12955,34	3121,64	24,42	154,45			<b>16255,85</b>
Sakhalin coast	77386,70	2244,00		0,60		1,21	<b>79632,51</b>
Amur Basin	770,59	1923,89					<b>2694,48</b>
The Sea of Japan							
Primor'e	147,41	29,49				3,67	<b>180,57</b>
Southwestern Sakhalin	344,40	1115,40					<b>1459,80</b>
<b>Total</b>	<b>183763,11</b>	<b>17279,88</b>	<b>10851,71</b>	<b>1190,53</b>	<b>137,08</b>	<b>4,88</b>	<b>213227,20</b>

Table 3

**Total pink salmon catch in Russia (Far East) by regions, subregions and month in number of fish, 2007**

<b>Region,subregion</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>Total</b>
Western Bering Sea		74867	3648	1752			<b>80267</b>
Eastern Kamchatka	210419	45009221	3629698	870312			<b>49719650</b>
Kuriles	11797	5395056	23239842	3904093	60300		<b>32611088</b>
The Sea of Okhotsk							
Western Kamchatka	1723	843219	5800325	3102400			<b>9747667</b>
Continental coast	799766	9404525	2689896	61151			<b>12955338</b>
Sakhalin coast	33800	19445100	49713000	8194800			<b>77386700</b>
Amur Basin		282380	480210	8000			<b>770590</b>
The Sea of Japan							
Primor'e	1348	146064					<b>147412</b>
Southwestern Sakhalin	67000	198100	1800	77500			<b>344400</b>
<b>Total</b>	<b>1125853</b>	<b>80798532</b>	<b>85558419</b>	<b>16220008</b>	<b>60300</b>		<b>183763112</b>

Table 4

**Total chum salmon catch in Russia (Far East) by regions, subregions and month in number of fish, 2007**

<b>Region,subregion</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>Total</b>
Western Bering Sea	1805	9624	282177	3128			<b>296734</b>
Eastern Kamchatka	57538	2015140	825736	368817			<b>3267231</b>
Kuriles	22380	38007	38623	385974	1610000	263400	<b>2358383</b>
The Sea of Okhotsk							
Western Kamchatka	37797	297384	1313706	1274223			<b>2923110</b>
Continental coast	1691	154700	1958833	955007	51411		<b>3121642</b>
Sakhalin coast		39400	157200	1378800	668600		<b>2244000</b>
Amur Basin		259860	342720	1166760	151920	2630	<b>1923890</b>
The Sea of Japan							
Primor'e		40	1204	7627	20617		<b>29488</b>
Southwestern Sakhalin			12200	1088700	14500		<b>1115400</b>
<b>Total</b>	<b>121211</b>	<b>2814156</b>	<b>4932399</b>	<b>6629035</b>	<b>2517048</b>	<b>266030</b>	<b>17279879</b>

Table 5

**Total sockeye salmon catch in Russia (Far East) by regions, subregions and month in number of fish, 2007**

<b>Region,subregion</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>Total</b>
Western Bering Sea	9503	83164	4417				<b>97084</b>
Eastern Kamchatka	1335850	935018	397159	152465			<b>2820492</b>
Kuriles	7368	33973	20333	7241			<b>68914</b>
The Sea of Okhotsk							
Western Kamchatka	18011	3696299	3127696	998800			<b>7840806</b>
Continental coast		10237	13780	401			<b>24418</b>
Sakhalin coast							
Amur Basin							
The Sea of Japan							
Primor'e							
Southwestern Sakhalin							
<b>Total</b>	<b>1370732</b>	<b>4758691</b>	<b>3563385</b>	<b>1158907</b>			<b>10851714</b>

Table 6

**Total coho salmon catch in Russia (Far East) by regions, subregions and month in number of fish, 2007**

<b>Region,subregion</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>Total</b>
Western Bering Sea							
Eastern Kamchatka		38033	386171	141695			<b>565899</b>
Kuriles		7248	11305	971			<b>19524</b>
The Sea of Okhotsk							
Western Kamchatka		759	167275	282024			<b>450058</b>
Continental coast		13049	56752	84653			<b>154454</b>
Sakhalin coast				600			<b>600</b>
Amur Basin							
The Sea of Japan							
Primor'e							
Southwestern Sakhalin							
<b>Total</b>		<b>59089</b>	<b>621503</b>	<b>509943</b>			<b>1190535</b>

Table 7

**Total chinook salmon catch in Russia (Far East) by regions, subregions and month in number of fish, 2007**

<b>Region,subregion</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>Total</b>
Western Bering Sea							
Eastern Kamchatka	68057	44550	12558				<b>125165</b>
Kuriles		305	1096	2363			<b>3764</b>
The Sea of Okhotsk							
Western Kamchatka	1322	5997	830				<b>8149</b>
Continental coast							
Sakhalin coast							
Amur Basin							
The Sea of Japan							
Primor'e							
Southwestern Sakhalin							
<b>Total</b>	<b>69379</b>	<b>50852</b>	<b>14484</b>				<b>137078</b>

Table 8

**Total masu salmon catch in Russia (Far East) by regions, subregions and month in number of fish, 2007**

<b>Region,subregion</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>Total</b>
Western Bering Sea							
Eastern Kamchatka							
Kuriles							
The Sea of Okhotsk							
Western Kamchatka							
Continental coast							
Sakhalin coast				1210			<b>1210</b>
Amur Basin							
The Sea of Japan							
Primor'e	200	244	290	2936			<b>3670</b>
Southwestern Sakhalin							
<b>Total</b>	<b>200</b>	<b>244</b>	<b>290</b>	<b>4146</b>			<b>4880</b>

Table 3.1

## Total pink salmon catch in Russia (Far East) by regions, subregions and month in tonnes, 2007

Region,subregion	June	July	August	September	October	November	Total
Western Bering Sea		112.3	5.5	2.6			120.4
Eastern Kamchatka	292.1	65668.3	5567.0	1184.2			72711.6
Kuriles	15.2	6891.1	32308.8	6132.1	94.3		45441.6
The Sea of Okhotsk							
Western Kamchatka	2.7	1307.0	9628.5	4653.6			15591.8
Continental coast	1119.3	13092.7	3748.3	85.0			18045.4
Sakhalin coast	36.1	24166.7	69956.5	11960.9			106120.2
Amur Basin		369.6	628.6	10.5			1008.7
The Sea of Japan							
Primor'e	2.5	267.4					269.93
Southwestern Sakhalin	101.0	299.0	2.7	117.0			519.7
<b>Total</b>	<b>1568.9</b>	<b>112174.2</b>	<b>121845.9</b>	<b>24145.9</b>	<b>94.3</b>		<b>259829.2</b>

Table 4.1

## Total chum salmon catch in Russia (Far East) by regions, subregions and month in tonnes, 2007

Region,subregion	June	July	August	September	October	November	Total
Western Bering Sea	5.5	29.5	864.0	9.6			908.6
Eastern Kamchatka	180.0	6694.8	2405.5	1029.2			10309.5
Kuriles	61.3	117.8	117.4	1190.7	5018.2	829.7	7335.1
The Sea of Okhotsk							
Western Kamchatka	145.1	1192.5	4873.9	3198.3			9409.8
Continental coast	5.5	527.0	7077.2	3455.2	168.1		11233.0
Sakhalin coast		89.7	360.7	3980.7	1961.4		6392.5
Amur Basin		692.8	913.7	3110.6	405.0	7.0	5129.1
The Sea of Japan							
Primor'e			1.4	22.1	67.4	8.7	99.6
Southwestern Sakhalin			37.8	3371.7	44.9		3454.4
<b>Total</b>	<b>397.5</b>	<b>9344.0</b>	<b>16651.6</b>	<b>19368.1</b>	<b>7665.0</b>	<b>845.5</b>	<b>54271.6</b>

Table 5.1

## Total sockeye salmon catch in Russia (Far East) by regions, subregions and month in tonnes, 2007

Region,subregion	June	July	August	September	October	November	Total
Western Bering Sea	33.3	289.3	14.0				336.6
Eastern Kamchatka	3244.4	2615.0	983.1	361.6			7204.1
Kuriles	17.5	95.5	48.4	20.3			181.6
The Sea of Okhotsk							
Western Kamchatka	50.4	10497.5	9258.0	2497.0			22302.9
Continental coast		23.7	32.0	1.0			56.7
Sakhalin coast							
Amur Basin							
The Sea of Japan							
Primor'e							
Southwestern Sakhalin							
<b>Total</b>	<b>3345.6</b>	<b>13520.9</b>	<b>10335.5</b>	<b>2879.9</b>			<b>30081.9</b>

Table 6.1

## Total coho salmon catch in Russia (Far East) by regions, subregions and month in tonnes, 2007

Region,subregion	June	July	August	September	October	November	Total
Western Bering Sea							
Eastern Kamchatka		96,0	1099,3	431,1			1626,4
Kuriles		20,7	28,3	2,9			51,8
The Sea of Okhotsk							
Western Kamchatka		2,3	540,3	947,6			1490,2
Continental coast			171,0	345,7	24,2		540,8
Sakhalin coast				1,99			
Amur Basin							
The Sea of Japan							
Primor'e							
Southwestern Sakhalin							
<b>Total</b>		<b>118,9</b>	<b>1838,9</b>	<b>1729,3</b>	<b>24,2</b>		<b>3709,2</b>

Table 7.1

## Total chinook salmon catch in Russia (Far East) by regions, subregions and month in tonnes, 2007

Region,subregion	June	July	August	September	October	November	Total
Western Bering Sea							
Eastern Kamchatka	386,7	250,7	90,4				727,7
Kuriles		2,5	6,7	0,8			9,9
The Sea of Okhotsk							
Western Kamchatka	10,3	46,8	5,8				62,9
Continental coast							
Sakhalin coast							
Amur Basin							
The Sea of Japan							
Primor'e							
Southwestern Sakhalin							
<b>Total</b>	<b>397,0</b>	<b>300,0</b>	<b>102,8</b>				<b>800,6</b>

Table 8.1

## Total masu salmon catch in Russia (Far East) by regions, subregions and month in tonnes, 2007

Region,subregion	June	July	August	September	October	November	Total
Western Bering Sea							
Eastern Kamchatka							
Kuriles							
The Sea of Okhotsk							
Western Kamchatka							
Continental coast							
Sakhalin coast				1,74			
Amur Basin							
The Sea of Japan							
Primor'e	0,5	0,5	0,7	7,5			9,3
Southwestern Sakhalin							
<b>Total</b>	<b>0,5</b>	<b>0,5</b>	<b>0,7</b>	<b>9,3</b>			<b>9,3</b>

**Table 9**

**Escapement of adult pacific salmon to spawning areas in Russia, by species, region and subregion in thousands of fishes, 2007**

<b>Region,subregion</b>	<b>Pink</b>	<b>Chum</b>	<b>Sockeye</b>	<b>Coho</b>	<b>Chinook</b>	<b>Masu</b>	<b>Total</b>
Western Bering Sea		2560,00	240,00				<b>2800,00</b>
Eastern Kamchatka	49722,85	969,43	1260,18	322,34	245,14		<b>52519,93</b>
Kuriles	3707,80	227,30					<b>3935,10</b>
The Sea of Okhotsk							
Western Kamchatka	3641,25	920,51	5765,50	620,45	55,32		<b>11003,03</b>
Continental coast	30176,20	5599,36	52,20	361,38			<b>36189,14</b>
Sakhalin coast	23850,70	162,60					<b>24013,30</b>
Amur Basin	1000,00	99966,40					<b>100966,40</b>
The Sea of Japan							
Primor'e	488,00	46,10				25,00	<b>559,10</b>
Southwestern Sakhalin	950,00						<b>950,00</b>
<b>Total</b>	<b>113536,80</b>	<b>110451,69</b>	<b>7317,88</b>	<b>1304,17</b>	<b>300,46</b>	<b>25,00</b>	<b>232936,00</b>

Table 10

## Number of outmigrants of pacific salmon from Russian rivers in 2007, in thousands of fish

Region, subregion, river	Pink	Chum	Sockeye	Coho	Chinook	Masu
1	2	3	4	5	6	7
<b>Eastern Kamchatka</b>						
<b>R.Kamchatka basin</b>						
<b>R.Kamchatka</b>	3587.726	19377.931	1050.931	1038.529	745.997	
<b>L.Ushki</b>		195.528	45.644	552.321		
<b>R.Nikolka</b>			570.523	83.962		
<b>R.Zhupanovka</b>		108.212	22.165	19.429	12.323	
<b>R.Avacha</b>	1814.843	1516.879		635.276	44.011	
<b>South Kuril</b>						
<b>R.Olya</b>	7130.00					
<b>R.Rybatskaja</b>	8631.00	1652.00				
<b>R.Ilushina</b>	1745.70	494.90				
<b>The Sea of Okhotsk</b>						
<b>Western Kamchatka</b>						
<b>R.Icha</b>	8331.120	8794.602	1166.136	383.004	22.919	
<b>R.Bystraja</b>	276.435	1838.881	1270.479	1989.105	1799.463	
<b>R.Kluchevka</b>						
<b>R.Kihchik</b>	37712.405	4316.005	734.709	6305.446	292.959	
<b>R.Sadushka</b>	5417.626	75.400	2.423	1212.050		
<b>R.Kiumshich</b>						
<b>Continental coast</b>						
<b>R.Najahan</b>	16.4	88.9				
<b>R.Ola</b>						
<b>R.Tauy</b>	1.2	13.9				
<b>R.Okhota</b>	2500	18800				
<b>R.Jama</b>	20.309	29.163				
<b>R.Uda</b>						
<b>R. Tugur</b>	300	10700				
<b>R.Aldoma</b>	7983	8467				
<b>R.Amur basin</b>						
<b>R.Amur</b>	66100	36190				
<b>R.Amur</b>	264100.0	16630.0				
<b>R.Amgun</b>		54120.0				
<b>R.Anui</b>		28240.0				
<b>R.UI</b>	300.0	10700.0				
<b>Amur mouth region</b>						
<b>R.Isky</b>	1370.0	3900.0				
<b>R.Duki</b>	18770.0	87700.0				
<b>R.Gur</b>		28730.0				
<b>R.Ussuri</b>		24818.0				
<b>R.Tunguska</b>						

1	2	3	4	5	6	7
<b>Sakhalin coast</b>						
R. Langry	2934,9	2219,5				
R. Bakhura	9588,2					
R. Tym		767,8				
R. Holodnyi Kljuch	10257,1					
R. Ljutoga	159208,8					
R. Dudinka	2142,4					
R. Kura	15085,1					
R. Dagi	3333,2					
R. Melkaja						
<b>The Sea of Japan</b>						
<b>South Western Sakhalin</b>						
R. Pokosnaja	20283,3					
R. B. Uandi						
Primor'e						
R. Tumnin	55470,0					
R. Ulika	10600,0					
R. Botchi						
R. Avvakumovka		12500,0				
R. Barabashevka		83650,0				

**Table 11**

**Quantity of different gears on pacific salmon fishery in Russia, by regions and subregions, in number of units, 2007**

Region,subregion	Gears			Total
	Set (beach) seine	River seine	Gill nets	
Western Bering Sea	2	5		<b>7</b>
Eastern Kamchatka	213	127		<b>340</b>
Kuriles	109	17		<b>126</b>
The Sea of Okhotsk				
Western Kamchatka	63	177		<b>240</b>
Continental coast	39	248	810	<b>1097</b>
Sakhalin coast	306	36		<b>342</b>
Amur Basin	58	32	1750	<b>1840</b>
The Sea of Japan				
Primor'e	4	4	5	<b>13</b>
Southwestern Sakhalin	15			<b>15</b>

Table 12

## Salmon fry released from Russian hatcheries, in thousands of fish, 2007

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea							
Eastern Kamchatka		22803,50		1535,30			<b>24338,80</b>
Kuriles	134475,00	54476,00				6,00	<b>188957,00</b>
The Sea of Okhotsk							
Western Kamchatka		1108,60	9815,60		798,80		<b>11723,00</b>
Continental coast	9296,10	9197,30	305,30	3683,30			<b>22482,00</b>
Sakhalin coast	185318,00	165813,00		1239,00		395,00	<b>352765,00</b>
Amur Basin	58100,00						<b>58100,00</b>
The Sea of Japan							
Primor'e	2100,00	19425,00				1562,40	<b>23087,40</b>
Southwestern Sakhalin	16249,00	77537,00					<b>93786,00</b>
<b>Total</b>	<b>405538,10</b>	<b>350360,40</b>	<b>10120,90</b>	<b>6457,60</b>	<b>798,80</b>	<b>1963,40</b>	<b>775239,20</b>

Table 13

## Average weights (kg) of salmon in commercial catches in Russia ( Far East ) by species, region and subregion, 2007

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu
Western Bering Sea	1,500	3,062	3,467			
Eastern Kamchatka	1,462	3,155	2,554	2,874	5,814	
Kuriles	1,393	3,110	2,635	2,655	2,640	
The Sea of Okhotsk						
Western Kamchatka	1,600	3,219	2,844	3,311	7,719	
Continental coast	1,393	3,598	2,322	3,501		
Sakhalin coast	1,371	2,849		3,320		1,439
Amur Basin	1,309	2,666				
The Sea of Japan						
Primor'e	1,831	3,379				2,520
Southwestern Sakhalin	1,509	3,097				

Table 14

## Sport catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 2007

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	4466	24698	1404				<b>30568</b>
Eastern Kamchatka	8493	8671	3177	11882	809		<b>33032</b>
Kuriles	15200	500					<b>15700</b>
The Sea of Okhotsk							
Western Kamchatka	2438	12919	4789	33505	2629		<b>56280</b>
Continental coast	383245	254284	242	17183			<b>654954</b>
Sakhalin coast	117400	25000					<b>142400</b>
Amur Basin	7181	79123					<b>86304</b>
The Sea of Japan							
Primor'e	2847	1577				1019	<b>5443</b>
Southwestern Sakhalin	1800	2200					<b>4000</b>
<b>Total</b>	<b>543070</b>	<b>408973</b>	<b>9612</b>	<b>62570</b>	<b>3438</b>	<b>1019</b>	<b>1028681</b>

Table 15

## Subsistence catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 2007

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	46200	36185	13507				<b>95892</b>
Eastern Kamchatka	838356	83323	60235	4140	4991		<b>991045</b>
Kuriles							
The Sea of Okhotsk							
Western Kamchatka	185250	160186	39683	19517	583		<b>405219</b>
Continental coast	363453	106529		6135			<b>476117</b>
Sakhalin coast	38100	52000					<b>90100</b>
Amur Basin		746					<b>746</b>
The Sea of Japan							
Primor'e	5340	1570				590	<b>7500</b>
Southwestern Sakhalin							
<b>Total</b>	<b>1476699</b>	<b>440539</b>	<b>113425</b>	<b>29792</b>	<b>5574</b>	<b>590</b>	<b>2066619</b>

**Table 16**

**Catch of Pacific salmon by foreign fishery fleet in far-eastern Russian exclusive economic zone by species, by region, in tonnes, 2007**

<b>Region,subregion</b>	<b>Pink</b>	<b>Chum</b>	<b>Sockeye</b>	<b>Coho</b>	<b>Chinook</b>	<b>Masu</b>	<b>Total</b>
Eastern Kamchatka	26	1525	1707				<b>3258</b>
Kuriles	65	3541	967	49			<b>4622</b>
The Sea of Okhotsk							
Western Kamchatka							
Sakhalin coast							
The Sea of Japan							
Primor'e							
<b>Total</b>	<b>91,00</b>	<b>5066,00</b>	<b>2674,00</b>	<b>49,00</b>			<b>7880,00</b>