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Biostatistical Information on Salmon Catches, Escapement, Outmigrants Number,
and Enhancement Production
In Russia in 2002

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Table 1

**Total salmon catch in Russia (Far East) by species, region
and subregion , in tonnes, 2002.**

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	0.46	72.20	66.67				139.33
Eastern Kamchatka	2283.50	7653.10	3283.00	1083.00	528.40		14831.00
Kuriles	37849.97	6543.33	118.75	16.47	0.65		44529.17
The Sea of Okhotsk							
Western Kamchatka	50104.60	6544.10	21321.10	425.30	25.90		78421.00
Continental coast	315.67	4803.62	6.21	182.00			5307.50
Sakhalin coast	6744.11	3256.10					10000.21
Amur Basin	1574.32	1746.33					3320.65
The Sea of Japan							
Primor'e	7492.58	5190.30				1.247	12684.13
Southwestern Sakhalin	1743.45	1781.93					3525.38
Total	108108.66	37591.01	24795.73	1706.77	554.95		172758.37

Table 2

**Total salmon catch in Russia (Far East) by species, region
and subregion, in thousands of fish, 2002.**

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	0.31	19.78	19.10				39.19
Eastern Kamchatka	1634.95	2336.32	1390.45	346.56	71.53		5779.81
Kuriles	26103.43	1721.93	40.26	5.58	0.14		27871.34
The Sea of Okhotsk							
Western Kamchatka	31895.39	1779.98	7467.04	126.00	2.91		41271.32
Continental coast	238.90	1271.91	2.48	42.51			1555.80
Sakhalin coast	5032.92	930.31					5963.23
Amur Basin	1293.61	530.80					1824.41
The Sea of Japan							
Primor'e	5746.33	1502.00				0.509	7248.84
Southwestern Sakhalin	1542.88	462.84					2005.72
Total	73488.72	10555.87	8919.33	520.65	74.58		93559.66

Table 3

**Total pink salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2002.**

Region, subregion	May	June	July	August	September	???????	Total
Western Bering Sea							
Eastern Kamchatka		850	1347400	224850	61850		1634950
Kuriles			1718950	17591565	5932255	860660	26103430
The Sea of Okhotsk							
Western Kamchatka			2731070	26589180	2575140		31895390
Continental Coast		10349	169193	43751	15644		238937
Sakhalin Coast			2648120	2318910	65890		5032920
Amur Basin		862403	431202				1293605
The Sea of Japan							
Primor'e		2597339	3148989				5746328
Southwestern Sakhalin		192340	1350540				1542880
Total		3663281	13545464	46768256	8650779	860660	73488440

Table 4

**Total chum salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2002.**

Region, subregion	June	July	August	September	October	November	Total
Western Bering Sea		2712	17068				19780
Eastern Kamchatka	67950	1526890	694320	47160			2336320
Kuriles			26500	657270	970920	67240	1721930
The Sea of Okhotsk							
Western Kamchatka		226680	1211580	341720			1779980
Continental Coast		92321	888502	291087			1271910
Sakhalin Coast		106600	54190	668360	101160		930310
Amur Basin		238860	106160	185780			530800
The Sea of Japan							
Primor'e				200	1302		1502
Southwestern Sakhalin			6520	450410	5910		462840
Total	67950	2194063	3004840	2641987	1079292	67240	9055372

Table 3/1

**Total pink salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2002.**

Region, subregion	June	July	August	September	October	Total
Western Bering Sea						
Eastern Kamchatka	1.14	1884.50	311.37	86.44		2283.45
Kuriles		2492.48	25509.38	8600.15	1247.96	37849.97
The Sea of Okhotsk						
Western Kamchatka		4342.40	41745.02	4017.21		50104.63
Continental Coast	13.77	223.43	57.82	20.65		315.67
Sakhalin Coast		3548.49	3107.35	88.27		6744.11
Amur Basin	1049.54	524.78				1574.32
The Sea of Japan						
Primor'e	3376.89	4315.69				7692.58
Southwestern Sakhalin	217.34	1526.11				1743.45
Total	4658.68	18857.88	70730.94	12812.72	1247.96	108308.18

Table 4/1

**Total chum salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2002.**

Region, subregion	June	July	August	September	October	November	Total
Western Bering Sea		9.90	62.30				72.20
Eastern Kamchatka	166.48	4925.57	2392.38	168.68			7653.1
Kuriles		100.70		2497.51	3689.61	255.51	6543.33
The Sea of Okhotsk							
Western Kamchatka	804.70	4410.15	1329.29				6544.1
Continental Coast		325.00	3372.36	1106.26			4803.62
Sakhalin Coast		373.10	189.68	2339.26	354.06		3256.10
Amur Basin		785.85	349.27	611.21			1746.33
The Sea of Japan							
Primor'e				0.913	5189.39		5190.30
Southwestern Sakhalin			25.10	1734.08	22.75		1781.93
Total	971.18	10930.27	7720.38	8457.91	9255.81	255.51	37591.06

Table 5

**Total sockeye salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2002.**

Region, subregion	June	July	August	September	Total
Western Bering Sea		6504	12596		19100
Eastern Kamchatka	727920	540390	109060	13080	1390450
Kuriles			40256		40256
The Sea of Okhotsk					
Western Kamchatka		1246990	5265840	954210	7467040
Continental Coast		1483	626	367	2476
Total	727920	1795367	5428378	967657	8919322

Table 6

**Total coho salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2002.**

Region, subregion	June	July	August	September	October	Total
Eastern Kamchatka		49050	173270	124240		346560
Kuriles			5583			5583
The Sea of Okhotsk						
Western Kamchatka		450	62770	62780		126000
Continental Coast	7000	7500	8132	14860	5016	42508
Total	7000	57000	249755	201880	5016	520651

Table 7

**Total chinook salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2002.**

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	24900	42750	3820	60	71530
Kuriles			141		141
The Sea of Okhotsk					
Western Kamchatka		2800	110		2910
Total	24900	45550	4071	60	74581

Table 5/1

**Total sockeye salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2002.**

Region, subregion	June	July	August	September	October	Total
Western Bering Sea		22.7	44.0			66.7
Eastern Kamchatka	1637.80	1361.50	254.30	29.4		3283.0
Kuriles			118.75			118.75
The Sea of Okhotsk						
Western Kamchatka		3479.10	15112.96	2729.05		21321.1
Continental Coast		3.70	1.56	0.95		6.21
Total	1637.80	4867.00	15531.57	2759.40		24795.77

Table 6/1

**Total coho salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2002.**

Region, subregion	June	July	August	September	October	Total
Eastern Kamchatka		120.19	566.98	395.81		1083.0
Kuriles			16.47			16.47
The Sea of Okhotsk						
Western Kamchatka		1.40	197.11	226.74		425.3
Continental Coast	29.98	32.12	34.83	63.60	21.47	182.00
Total	29.98	153.71	815.39	686.15	21.47	1706.70

Table 7/1

**Total chinook salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2002.**

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	230.63	268.97	28.83		528.4
Kuriles			0.65		0.65
The Sea of Okhotsk					
Western Kamchatka		24.90	0.98		25.9
Total	230.63	293.87	30.46	0.00	554.96

Table 8

Escapement of adult pacific salmon to spawning areas in Russia, by species, region and subregion in thousands of fishes, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea		740.00	195.00			935.00
Eastern Kamchatka	2993.80	1006.4	385.70	31.30	64.90	4482.10
Kuriles	4136.00	187.70				4323.70
The Sea of Okhotsk						
Western Kamchatka	48414.50	1200.50	2973.40	101.50	40.70	52730.60
Continental Coast	735.00	6454.30		29.10		7218.40
Sakhalin Coast	8077.76	113.30				8191.06
Amur Basin	1632.80	1339.88				2972.68
The Sea of Japan						
Primor'e	678.00	40.00				718.00
Southwestern Sakhalin	450.00					450.00
Total	67117.86	11082.08	3554.10	161.90	105.60	82021.54

Table 9

**Number of outmigrants of pacific salmon from Russian rivers
in 2002, in thousands of fish.**

Region, subregion, river	Pink	Chum	Sockeye	Coho	Chinook	Masu
1	2	3	4	5	6	7
Eastern Kamchatka						
R.Kamchatka basin						
R.Kamchatka	6628.50	10625.64	7253.25	653.55	887.07	
L.Ushki		16.56	1.79	146.75		
R.Nikolka			546.21	668.52		
R.Zhupanovka		135.40	24.43	12.15	11.37	
R.Avacha	1769.70	381.47		11.78		
South Kuril						
R.Olya	5770.00	isolated				
R.Rybatskaja	7810.00	1530.00				
R.Ilushina	1756.00	1063.00				
The Sea of Okhotsk						
Western Kamchatka						
R.Icha	1198.09	2656.08	1295.36	924.04		
R.Bystraja		2608.37	815.64	760.92	1382.00	
R.Kluchevka		187.41	68.66	25.36		3.96
R.Kihchik	609.81	2849.57	174.61	281.46	136.38	143.86
R.Sadushka	299.10	39.20		59.50	6.70	3.20
R.Kiumshich		30.33		14.36		
Continental coast						
R.Najahan	45000.0	29000.0				
R.Ola	30000.0	2000.0				
R.Tauy	no data	no data				
R.Okhota	10233.0	606.0				
R.Jama	4000.0	2500.0				
R.Amur basin						
R.Amur	35942.4	74992.1				
R.Amgun	198400.0	161200.0				
R.Anui		30927.7				
R.Ul	298.9	12781.6				
Amur mouth region						
R.Isky	9229.0	1150.6				
R.Duki		8383.2				

Continuation of table 9

1	2	3	4	5	6	7
Sakhalin coast						
R. Langry	10190.8	65195.0				
R. Bakhura	14700.0					
R. Tym	isolated	340.0				
Cr. Holodnyi	4910.0					
R. Ljutoga	81304.0					
R. Dudinka	4870.0					
R. Kura	2596.0					
R. Dagi	22600.0					
R. Melkaja	22100.0					
The Sea of Japan						
South Western Sakhalin						
R. Pokosnaja	250.0					
R. B. Uandi						
Primor'e						
R. Tumnin	no data					
R. Ulika	32.01					
R. Avvakumovka		820.00				
R. Barabashevka		400.00				

Table 10

**Quantity of different gears on pacific salmon fishery in Russia, by regions
and subregions, in number of units, 2002.**

Region, subregion	Gears		Total
	Set (beach) seine	River seine	
Western Bering Sea	5	77	82
Eastern Kamchatka	115	88	203
Kuriles	138	22	160
The Sea of Okhotsk			
Western Kamchatka	124	87	211
Continental Coast	27	145	172
Sakhalin Coast	179	12	191
Amur Basin	62	151	213
The Sea of Japan			
Primor'e	53	41	94
Southwestern Sakhalin	43	0	43

Table 11

Salmon fry released from Russian hatcheries, in thousands of fish, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka		23182.20	7656.10	803.40			31641.70
Kuriles	111000.00	23010.00					134010.00
The Sea of Okhotsk							
Western Kamchatka			411.60		297.20		708.80
Continental Coast	10215.70	29936.90	1490.00	932.20			42574.80
Sakhalin Coast	227080.00	146432.00		181.73		163.20	373856.93
Amur River Basin		1392.10					1392.10
The Sea of Japan							
Primor'e		11117.00				1405.00	12522.00
Southwestern Sakhalin	1190.00	71774.00					72964.00
Total	349485.70	306844.20	9557.70	1917.33	297.20	1568.20	669670.33

Table 12

Average weights (kg) of salmon in commercial catches in Russia (Far East)
by species, region and subregion, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu
Western Bering Sea	1.48	3.65	3.49			
Eastern Kamchatka	1.40	3.28	2.36	3.13	7.39	
Kuriles	1.45	3.80	2.9	2.95	4.64	
The Sea of Okhotsk						
Western Kamchatka	1.57	3.68	2.86	3.38	8.90	
Continental coast	1.32	3.78	2.50	4.28		
Sakhalin coast	1.34	3.50				
Amur Basin	1.22	3.29				
The Sea of Japan						
Primor'e	1.29	4.58				2.45
Southwestern Sakhalin	1.13	3.85				

Table 13

Sport catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Eastern Kamchatka	4080	6360	12210	5200	230	28080
Kuriles	7120					7120
The Sea of Okhotsk						
Western Kamchatka	62130	3670	2090	3610	460	71960
Continental Coast	56385	167941	144	51967		276437
Sakhalin Coast	45160	280				45440
Amur River Basin	12576	27578				40154
The Sea of Japan						
Primor'e	550420	808				551228
Southwestern Sakhalin	4960	730				5690
Total	742831	207367	14444	60777	690	1026109

Table 14

Subsistence catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea	248	10594	3560			14402
Eastern Kamchatka	12020	107580	26340	1620	1490	149050
Kuriles	17160					17160
The Sea of Okhotsk						
Western Kamchatka	3030810	199040	20580	16440	600	3267470
Continental Coast	39149	58399		1988		99536
Sakhalin Coast	47270	3230				50500
Amur River Basin		123666				123666
The Sea of Japan						
Primor'e	18576	506				
Southwestern Sakhalin	3020					3020
Total	3168253	503015	50480	20048	2090	3743886

Table 15

Catch of Pacific salmon by foreign fishery fleet in far-eastern Russian exclusive economic zone by species, by region, in tonnes, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka	25.00	1697.00	2695.00	92.00	1.00		4510.00
Southern Kuriles	1019.00	2593.00	222.00	35.00	532.00		4401.00
Northern Kuriles	14.00	108.00	272.00	3.00	3.00		400.00
The Sea of Okhotsk							
Western Kamchatka							0.00
Sakhalin coast	30.00	1172.00	11.00	2.00	13.00		1228.00
The Sea of Japan							
Primor'e	217.00					1.00	218.00
Total	1305.00	5570.00	3200.00	132.00	549.00	1.00	10757.00

Table 16

Average weights (kg) of salmon in commercial catches in Russia (Far East) by species, region and subregion, 2002.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu
Western Bering Sea	1.48	3.65	3.49			
Eastern Kamchatka	1.40	3.28	2.36	3.13	7.39	
Kuriles	1.45	3.80	2.95	2.95	4.64	
The Sea of Okhotsk						
Continental coast	1.32	3.78	2.50	4.28		
Western Kamchatka	1.57	3.68	2.86	3.38	8.90	
Sakhalin coast	1.34	3.50				
Amur Basin	1.22	3.29				
The Sea of Japan						
Primor'e	1.30	3.46				2.45
Southwestern Sakhalin	1.13	3.85				

**Preliminary total salmon catch in Russia (Far East) by species, region
and subregion , in tonnes, 2003.**

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea	17.4	349.5	112.8			479.7
Eastern Kamchatka	56875.6	4265.9	4609.5	765.5	189.8	66706.3
Kuriles	18610.0	1963.4	153.7	48.7	1.8	20777.6
The Sea of Okhotsk						
Western Kamchatka	299.8	3695.3	12743.1	302.4	33.7	17074.3
Continental coast	15418.3	6558.8	73.2	247.3		22297.6
Sakhalin coast	87544.6	3773.3				91317.9
Amur Basin	827.2	2610.2				3437.4
The Sea of Japan						
Primor'e	31.0	2.0		1.7		34.7
Southwestern Sakhalin	432.0	2316.2				2748.2
Total	180055.9	25534.6	17692.3	1365.6	225.3	224873.7