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

by

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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	2,283.50	7,653.11	3,283.00	1,083.00	528.43		14,831.04
Kuriles	37,849.97	6,543.33	118.75	16.47	0.65		44,529.17
The Sea of Okhotsk							
Western Kamchatka	50,104.63	6,544.14	21,321.11	425.25	25.90		78,421.03
Continental coast	315.63	4,803.62	6.21	182.00			5,307.46
Sakhalin coast	6,744.11	3,256.10					10,000.21
Amur Basin	1,574.32	1,746.33					3,320.65
The Sea of Japan							
Primor'e	7,492.58	56.87				1.25	7,550.70
Southwestern Sakhalin	1,743.45	1,781.93					3,525.38
Total	108,108.65	32,457.63	24,795.74	1,706.72	554.98	1.25	167,624.97

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	1,634.95	2,336.32	1,390.45	346.56	71.52		5,779.80
Kuriles	26,103.43	1,721.93	40.26	5.58	0.14		27,871.34
The Sea of Okhotsk							
Western Kamchatka	31,895.39	1,779.98	7,467.04	126.00	2.91		41,271.32
Continental coast	238.94	1,271.92	2.48	42.51			1,555.85
Sakhalin coast	5,032.92	930.31					5,963.23
Amur Basin	1,293.61	530.80					1,824.41
The Sea of Japan							
Primor'e	5,746.33	14.16				0.51	5,761.00
Southwestern Sakhalin	1,542.88	462.84					2,005.72
Total	73,488.75	9,068.04	8,919.33	520.65	74.57	0.51	92,071.85

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	October	Total
Western Bering Sea							
Eastern Kamchatka		850	1,347,400	224,850	61,850		1,634,950
Kuriles			1,718,950	17,591,565	5,932,255	860,660	26,103,430
The Sea of Okhotsk							
Western Kamchatka			2,731,070	26,589,180	2,575,140		31,895,390
Continental Coast		10,349	169,193	43,751	15,644		238,937
Sakhalin Coast			2,648,120	2,318,910	65,890		5,032,920
Amur Basin		862,403	431,202				1,293,605
The Sea of Japan							
Primor'e		2,597,339	3,148,989				5,746,328
Southwestern Sakhalin		192,340	1,350,540				1,542,880
Total		3,663,281	13,545,464	46,768,256	8,650,779	860,660	73,488,440

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		2,712	17,068				19,780
Eastern Kamchatka	67,950	1,526,890	694,320	47,160			2,336,320
Kuriles			26,500	657,270	970,920	67,240	1,721,930
The Sea of Okhotsk							
Western Kamchatka		226,680	1,211,580	341,720			1,779,980
Continental Coast		92,321	888,512	291,087			1,271,920
Sakhalin Coast		106,600	54,190	668,360	101,160		930,310
Amur Basin		238,860	106,160	185,780			530,800
The Sea of Japan							
Primor'e				520	11640	2000	14,160
Southwestern Sakhalin			6,520	450,410	5,910		462,840
Total	67,950	2,194,063	3,004,850	2,642,307	1,089,630	69,240	9,068,040

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	1,884.50	311.37	86.44		2,283.45
Kuriles		2,492.48	25,509.38	8,600.15	1,247.96	37,849.97
The Sea of Okhotsk						
Western Kamchatka		4,342.40	41,745.02	4,017.21		50,104.63
Continental Coast	13.73	223.43	57.82	20.65		315.63
Sakhalin Coast		3,548.49	3,107.35	88.27		6,744.11
Amur Basin	1,049.54	524.78				1,574.32
The Sea of Japan						
Primor'e	3,368.41	4,124.17				7,492.58
Southwestern Sakhalin	217.34	1,526.11				1,743.45
Total	4,650.16	18,666.36	70,730.94	12,812.72	1,247.96	108,108.14

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	4,925.57	2,392.38	168.68			7,653.11
Kuriles			100.70	2,497.51	3,689.61	255.51	6,543.33
The Sea of Okhotsk							
Western Kamchatka	804.70	4,410.15	1,329.29				6,544.14
Continental Coast		325.00	3,372.36	1,106.26			4,803.62
Sakhalin Coast		373.10	189.68	2,339.26	354.06		3,256.10
Amur Basin		785.85	349.27	611.21			1,746.33
The Sea of Japan							
Primor'e				2.110	46.76	8.00	56.87
Southwestern Sakhalin			25.10	1,734.08	22.75		1,781.93
Total	971.18	10,829.57	7,821.08	8,459.11	4,113.18	263.51	32,457.63

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		6,504	12,596		19,100
Eastern Kamchatka	727,920	540,390	109,060	13,080	1,390,450
Kuriles			40,256		40,256
The Sea of Okhotsk					
Western Kamchatka		1,246,990	5,265,840	954,210	7,467,040
Continental Coast		1,483	626	367	2,476
Total	727,920	1,795,367	5,428,378	967,657	8,919,322

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		49,050	173,270	124,240		346,560
Kuriles			5,583			5,583
The Sea of Okhotsk						
Western Kamchatka		450	62,770	62,780		126,000
Continental Coast	7,000	7,500	8,132	14,860	5,016	42,508
Total	7,000	57,000	249,755	201,880	5,016	520,651

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	24,890	42,750	3,820	60	71,520
Kuriles			141		141
The Sea of Okhotsk					
Western Kamchatka		2,800	110		2,910
Total	24,890	45,550	4,071	60	74,571

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		22.70	44.00			66.70
Eastern Kamchatka	1,637.82	1,361.55	254.20	29.40		3,282.97
Kuriles			118.75			118.75
The Sea of Okhotsk						
Western Kamchatka		3,479.10	15,112.96	2,729.05		21,321.11
Continental Coast		3.70	1.56	0.95		6.21
Total	1,637.82	4,867.05	15,531.47	2,759.40		24,795.74

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		1,082.98
Kuriles			16.47			16.47
The Sea of Okhotsk						
Western Kamchatka		1.40	197.11	226.74		425.25
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	1,706.70

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		528.43
Kuriles			0.65		0.65
The Sea of Okhotsk					
Western Kamchatka		24.90	0.98		25.88
Total	230.63	293.87	30.46		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	2,993.80	1,006.40	385.70	31.30	64.90	4,482.10
Kuriles	4,136.00	187.70				4,323.70
The Sea of Okhotsk						
Western Kamchatka	48,414.50	1,200.50	2,973.40	101.50	40.70	52,730.60
Continental Coast	735.00	6,454.30		29.10		7,218.40
Sakhalin Coast	8,077.76	113.30				8,191.06
Amur Basin	1,632.80	1,339.88				2,972.68
The Sea of Japan						
Primor'e	678.00	40.00				718.00
Southwestern Sakhalin	450.00					450.00
Total	67,117.86	11,082.08	3,554.10	161.90	105.60	82,021.54

Table 9

Number of outmigrants of pacific salmon from Russia 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	6,628.50	10,625.64	7,253.25	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	1,769.70	381.47		11.78		
South Kuril						
R.Olya	5,770.00	isolated				
R.Rybatskaja	7,810.00	1,530.00				
R.Ilushina	1,756.00	1,063.00				
The Sea of Okhotsk						
Western Kamchatka						
R.Icha	1,198.09	2,656.08	1,295.36	924.04		
R.Bystraja		2,608.37	815.64	760.92	1,382.00	
R.Kluchevka		187.41	68.66	25.36		3.96
R.Kihchik	609.81	2,849.57	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	45,000.00	29,000.00				
R.Ola	30,000.00	2,000.00				
R.Tauy	no data	no data				
R.Okhota	10,233.00	606.00				
R.Jama	4,000.00	2,500.00				
R.Amur basin						
R.Amur	35,942.40	74,992.10				
R.Amgun	198,400.00	161,200.00				
R.Anui		30,927.70				
R.Ul	298.90	12,781.60				
Amur mouth region						
R.Isky	9,229.00	1,150.60				
R.Duki		8,383.20				

1	2	3	4	5	6	7
Sakhalin coast						
R. Langry	10,190.80	65,195.00				
R. Bakhura	14,700.00					
R. Tym	isolated	340.00				
Cr. Holodnyi	4,910.00					
R. Ljutoga	81,304.00					
R. Dudinka	4,870.00					
R. Kura	2,596.00					
R. Dagi	22,600.00					
R. Melkaja	22,100.00					
The Sea of Japan						
South Western Sakhalin						
R. Pokosnaja	250.00					
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		
	Set (beach) seine	River seine	Total
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 hancheries, in thousands of fish, 2002

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka		17,925.10		803.40			18,728.50
Kuriles	111,000.00	23,010.00					134,010.00
The Sea of Okhotsk							
Western Kamchatka		5,257.10	8,067.70		297.20		13,622.00
Continental Coast	10,215.70	29,936.90	1,490.00	932.20			42,574.80
Sakhalin Coast	227,080.00	146,432.00		181.73		163.20	373,856.93
Amur River Basin		1,392.10					1,392.10
The Sea of Japan							
Primor'e		11,117.00				1,405.00	12,522.00
Southwestern Sakhalin	1,190.00	71,774.00					72,964.00
Total	349,485.70	306,844.20	9,557.70	1,917.33	297.20	1,568.20	669,670.33

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	2.95	2.95	4.61	
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	4.02				2.45
Southwestern Sakhalin	1.13	3.85				

Table 13

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

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Eastern Kamchatka	4,080	6,360	12,210	5,200	230	28,080
Kuriles	7,120					7,120
The Sea of Okhotsk						
Western Kamchatka	62,130	3,670	2,090	3,610	460	71,960
Continental Coast	56,385	167,941	144	51,967		276,437
Sakhalin Coast	45,160	280				45,440
Amur River Basin	12,576	27,578				40,154
The Sea of Japan						
Primor'e	568,770	808				569,578
Southwestern Sakhalin	4,960	730				5,690
Total	761,181	207,367	14,444	60,777	690	1,044,459

Table 14

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

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea	248	10,594	3,560			14,402
Eastern Kamchatka	12,020	107,580	26,340	1,620	1,490	149,050
Kuriles	17,160					17,160
The Sea of Okhotsk						
Western Kamchatka	3,030,810	199,040	20,580	16,440	600	3,267,470
Continental Coast	39,149	58,399		1,988		99,536
Sakhalin Coast	47,270	3,230				50,500
Amur River Basin		123,666				123,666
The Sea of Japan						
Primor'e	18,576					18,576
Southwestern Sakhalin	3,020					3,020
Total	3,168,253	502,509	50,480	20,048	2,090	3,743,380

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	25.0	1,697.0	2,695.0	92.0	1.0		4,510.0
Southern Kuriles	1,019.0	2,593.0	222.0	35.0	532.0		4,401.0
Northern Kuriles	14.0	108.0	272.0	3.0	3.0		400.0
The Sea of Okhotsk							
Western Kamchatka							0.0
Sakhalin coast	30.0	1,172.0	11.0	2.0	13.0		1,228.0
The Sea of Japan							
Primor'e	217.0					1.0	218.0
Total	1,305.0	5,570.0	3,200.0	132.0	549.0	1.0	10,757.0

**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