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Biostatistical Information on Salmon Catches in Russia in 1997

Pacific Research Fisheries Centre (TINRO-centre)

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Table 1

**Commercial salmon catch in Russia (Far East) by species, region
and subregion , in tonnes, 1997.**

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea		1080.2				1080.2
Eastern Kamchatka	82797.6	2690.9	5225.1	1084.9	463.9	92262.4
Kuriles	26579.0	1238.0				27817.0
The Sea of Okhotsk						
Continental coast	7036.8	8465.9	4.2	335.8		15842.7
Western Kamchatka	259.6	1077.9	3721.0	463.2	137.3	5659.0
Sakhalin coast	69642.0	2267.0				71909.0
Amur Basin	270.9	1917.6				2188.5
The Sea of Japan						
Primor'ie	261.6	67.5				329.1
Southwestern Sakhalin	1542.0	627.4				2169.4
Total	188389.5	19432.4	8950.3	1883.9	601.2	219257.3

Table 2

**Commercial salmon catch in Russia (Far East) by species, region
and subregion, in thousands of fish, 1997.**

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea		323.4				323.4
Eastern Kamchatka	63690.5	830.6	1612.7	450.2	58.9	66642.9
Kuriles	16078.0	351.0				16429.0
The Sea of Okhotsk						
Continental coast	4993.5	2169.1	1.6	83.2		7247.4
Western Kamchatka	199.7	301.1	1398.9	148.5	19.5	2067.7
Sakhalin coast	50387.4	770.5				51157.9
Amur Basin	194.9	535.6				730.5
The Sea of Japan						
Primor'ie	143.0	18.8				161.8
Southwestern Sakhalin	1014.6	190.1				1204.7
Total	136701.6	5490.2	3013.2	681.9	78.4	145965.3

Table 3

**Commercial pink salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 1997.**

Region, subregion	May	June	July	August	September	Октябрь	Total
Eastern Kamchatka		84	30502940	28244770	4942670		63690464
Kuriles			607400	12847300	2616300	7000	16078000
The Sea of Okhotsk							
Western Kamchatka			47460	139860	12370		199690
Continental Coast			4779007	214493			4993500
Sakhalin Coast		9000	20230200	30148200			50387400
Amur Basin			119274	75618			194892
The Sea of Japan							
Primor'e		140092	2859				142951
Southwestern Sakhalin	8200	806500	55800	144100			1014600

Table 4

**Commercial chum salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 1997.**

Region, subregion	June	July	August	September	October	November	Total
Western Bering Sea				no data			323400
Eastern Kamchatka	2850	254640	392750	180320			830560
Kuriles			33800	144000	147400	25800	351000
The Sea of Okhotsk							
Western Kamchatka	120	46490	209140	45370			301120
Continental Coast		322411	1760635	86054			2169100
Sakhalin Coast		240700	17800	314000	198000		770500
Amur Basin		101622	7649	426371			535642
The Sea of Japan							
Primor'e				1993	16130	677	18800
Southwestern Sakhalin			18700	167900	3500		190100

Table 5

**Commercial sockeye salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 1997.**

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	846220	639420	108930	18120	1612690
The Sea of Okhotsk					
Western Kamchatka	570	883960	491900	22440	1398870
Continental Coast	1311	262			1573

Table 6

**Commercial coho salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 1997.**

Region, subregion	July	August	September	October	Total
Eastern Kamchatka	100610	156320	193220		450150
The Sea of Okhotsk					
Western Kamchatka		12560	42580	93320	148460
Continental Coast		72063	11148		83211

Table 7

**Commercial chinook salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 1997.**

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	30160	24670	4040		58870
The Sea of Okhotsk					
Western Kamchatka	15230	3250	970	70	19520

Table 3/1

**Commercial pink salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 1997.**

Region, subregion	May	June	July	August	September	October	Total
Eastern Kamchatka		0.1	39653.8	36718.2	6425.5		82797.6
Kuriles			1002.2	21248.0	4316.9	11.9	26579.0
The Sea of Okhotsk							
Western Kamchatka			63.1	179.9	16.6		259.6
Continental Coast			6738.4	298.4			7036.8
Sakhalin Coast		11.7	29333.8	40296.5			69642.0
Amur Basin			165.8	105.1			270.9
The Sea of Japan							
Primor'e		256.4	5.2				261.6
Southwestern Sakhalin	12.5	1225.9	84.8	219.0			1542.2

Table 4/1

**Commercial chum salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 1997.**

Region, subregion	June	July	August	September	October	November	Total
Western Bering Sea				no data			1080.2
Eastern Kamchatka	9.2	825.0	1272.5	584.2			2690.9
Kuriles			119.3	508.3	520.3	90.1	1238.0
The Sea of Okhotsk							
Western Kamchatka	0.4	176.6	740.3	160.6			1077.9
Continental Coast		1299.2	6806.7	360.0			8465.9
Sakhalin Coast		647.5	52.3	985.1	582.1		2267.0
Amur Basin		363.8	27.4	1526.4			1917.6
The Sea of Japan							
Primor'e				7.2	57.9	2.4	67.5
Southwestern Sakhalin			61.7	554.1	11.6		627.4

Table 5/1

**Commercial sockeye salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 1997.**

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	2741.7	2071.8	352.9	58.7	5225.1
The Sea of Okhotsk					
Western Kamchatka	1.4	2243.3	1421.8	54.5	3721.0
Continental Coast	3.5	0.7			4.2

Table 6/1

**Commercial coho salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 1997.**

Region, subregion	June	July	August	September	October	Total
Eastern Kamchatka		242.5	376.7	465.7		1084.9
The Sea of Okhotsk						
Western Kamchatka		38.4	130.4	294.4		463.2
Continental Coast			292.4	43.4		335.8

Table 7/1

**Commercial chinook salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 1997.**

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	237.7	194.4	31.8		463.9
The Sea of Okhotsk					
Western Kamchatka	106.9	23.1	6.8	0.5	137.3

Table 8

Escapement of adult pacific salmon to spawning areas in Russia, by species, region and subregion in thousands of fishes, 1997

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering sea		1100.0				1100.0
Eastern Kamchatka	33485.2	562.4	1209.9	214.0	44.9	35516.4
Kuriles	2118.0	95.5				2213.5
The Sea of Okhotsk						
Western Kamchatka	688.2	684.0	881.6	234.4	45.1	2533.3
Continental Coast	11274.0	3223.0	no data	no data		14497.0
Sakhalin Coast	39941.3	277.0				40218.3
Amur Basin	1153.1	658.8				1811.9
The Sea of Japan						
Primor'e	15.0	no data				15.0
Southwestern Sakhalin	545.1	no data				545.1
Total	89219.9	6600.7	2091.5	448.4	90.0	98450.5

Table 11

Salmon fry released from Russian hatcheries, in thousands of fish, 1997.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka	19303.5			328.8			19632.3
Kuriles	76360.0	10610.0					86970.0
The Sea of Okhotsk							
Western Kamchatka		3654.1	3008.5	164.0	757.5		7584.1
Continental Coast		12363.0	1425.0	808.0			14596.0
Sakhalin Coast	218410.0	158580.0	16.0	3290.0		410.0	380706.0
Amur River Basin		9970.0					9970.0
The Sea of Japan							
Primor'e		10988.6					10988.6
Southwestern Sakhalin	13980.0	74290.0					88270.0
Total	328053.5	280455.7	4449.5	4590.8	757.5	410.0	618717.0

Table 9

Number of outmigrants of pacific salmon from Russian rivers in 1997, 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	2417	6471	5729	2417	1495	
L.Ushki		256				
R.Nikolka	860	1156		429		
R.Zhupanovka		148	688	694	27	
R.Avacha	10241	3154		569	215	
South Kuril						
R.Olya	8520	191				
R.Rybatskaja	11701	1248				
R.Ilushina	17426	1744				
The Sea of Okhotsk						
Western Kamchatka						
R.Bolshaja basin						
R.Bystraja	253482	8076	17215	405	814	
R.Kluchevka	46041	443	921		118	
R.Krutogorova	1355	29		328	0.06	13
R.Kihchik	14034	763	184	4361	200	122
R.Icha	19382	2310	1668			
Continental coast						
all streams	891500	865952				
R.Amur basin						
R.Amur	468582	169683				
R.Amgun	272300	40500				
R.Anui						
R.Ul						
Amur mouth region						
R.Isky	10086	3018				

Continuation of table 9

1	2	3	4	5	6	7
Sakhalin coast						
R. Langry	6740	8810				
R. Bakhura	7900					
R. Tym		3300				
R. Poronaj basin						
Cr. Berezovyi	8300					
R. Ljutoga	282100					
R. Dudinka	1300					
R. Kura	2840					
The Sea of Japan						
South Western Sakhalin						
R. Pokosnaja	38870					
Primor'ie						
R. Ulika	39900					
R. Barabashevka		350				
R. Rjazanovka		50				

Table 10

**Quantity of different gears on pacific salmon fishery in Russia, by regions
and subregions, in specimen, 1997.**

Region, subregion	Gears		Total
	Set (beach) seine	River seine	
Western Bering sea	6	1	7
Eastern Kamchatka	96	no data	
Kuriles	119	6	125
The Sea of Okhotsk			
Western Kamchatka	21	no data	
Continental Coast	25	360	385
Sakhalin Coast	282	27	309
Amur Basin	4		4
The Sea of Japan			
Primor'e	15	30	45
Southwestern Sakhalin	14	0	14

Table 22

**Average weights (kg) of salmon in commercial catches in Russia (Far East)
by species, region and subregion, 1997.**

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook
Western Bering Sea		3.34			
Eastern Kamchatka	1.30	3.24	3.24	2.41	7.88
Kuriles	1.65	3.53			
The Sea of Okhotsk					
Continental coast	1.41	3.90	2.63	4.04	
Western Kamchatka	1.30	3.58	2.66	3.12	7.04
Sakhalin coast	1.38	2.94			
Amur Basin	1.39	3.58			
The Sea of Japan					
Primor'e	1.83	3.59			
Southwestern Sakhalin	1.52	3.30			

Sport catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 1997.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea		44910				44910
Eastern Kamchatka	3282	1367	327	1798	2479	9253
Kuriles	20900					20900
The Sea of Okhotsk						
Western Kamchatka	347	2687	1309	6986	1429	12758
Continental Coast	267899	79083	320	10223		357525
Sakhalin Coast	121100					121100
Amur River Basin	11291	95638				106929
The Sea of Japan						
Primor'e						
Southwestern Sakhalin	15700					15700
Total	440519	223685	1956	19007	3908	689075

Subsistence catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 1997.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Total
Western Bering Sea		119760				119760
Eastern Kamchatka	1254286	146839	168192	37964	19982	1627263
The Sea of Okhotsk						
Western Kamchatka	51693	164888	55323	42436	9598	323938
Continental Coast	159500	97760	300	13026		270586
Sakhalin Coast	24500	16800				41300
Amur River Basin	22907	170573				193480
The Sea of Japan						
Primor'e						
Total	1512886	716620	223815	93426	29580	2576327

**Catch of Pacific salmon by foreign fishery fleet in far-eastern Russian exclusive economic zone
by species, by region, in tonnes, 1997.**

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka	68.36	2607.28	2665.04	49.49	24.7		5414.87
Southern Kuriles	782.97	3853.52	3379.13	377.48	316.30		8709.40
Northern Kuriles	142.28	958.45	2555.08	51.45	46.94		3754.20
The Sea of Okhotsk							
Western Kamchatka	185.28	2601.74	519.74	55.42	45.98		3408.16
Continental coast							
Sakhalin coast	485.77	3466.63	30.79	45.01	27.67		4055.87
The Sea of Japan							
Primor'e	191.90					0.878	192.778
Total	1856.56	13487.62	9149.78	578.85	461.59	0.878	25535.28

**Catch of Pacific salmon by foreign fishery fleet in far-eastern Russian exclusive economic zone by
species, by region, in thousands of fish, 1997.**

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka	50.85	896.44	886.35	10.11	5.04		1848.79
Southern Kuriles	521.00	1638.63	1277.44	120.38	105.44		3662.89
Northern Kuriles	103.86	369.6	1005.20	13.99	13.80		1506.48
The Sea of Okhotsk							
Western Kamchatka	115.72	940.85	184.04	16.59	15.01		1272.21
Continental coast							
Sakhalin coast	299.51	1383.70	11.32	13.96	8.22		1716.71
The Sea of Japan							
Primor'e	144.00					0.634	144.634
Total	1234.94	5229.25	3364.35	175.0	147.51	0.634	10151.714