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**Russian Pacific Salmon Hatchery Releases, Commercial Fishery Catch
Statistics, and Sport Fishery Harvest Statistics for 2004 season.**

by

TINRO-centre

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By

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Preliminary data on Pacific salmon catches by Russia in 2005, tons

Region	Pink	Chum	Sockeye	Coho	Cherry	Chinook	Total
Chukotka	15	444	269				729
East Kamchatka	47,403	9,094	3,110	444	0	530	60,580
West Kamchatka	8,461	3,772	15,986	198	0	41	28,458
Continental coast of Okhotsk Sea	11,273	5,528	23	150			16,975
Amur and estuary	960	2,510					3,471
East Sakhalin	105,726	4,465		1	13		110,205
South-West Sakhalin	285	2,232			3		2,520
Primor'e	9,284	6			3		102
Kuril islands	31,736	1,550	314	73	0	0	33,673
All regions	215,143	28,051	19,702	866	20	571	256,713

Table 1

Total salmon catch in Russia (Far East) by species, region and subregion , in tonnes, 2004.

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	12.460	709.530	179.610				901.600
Eastern Kamchatka	6036.900	3971.000	2884.800	712.500	285.800		13891.000
Kuriles	33179.912	5649.435	181.935	178.209	1.469		39190.960
The Sea of Okhotsk							
Western Kamchatka	54078.900	3557.400	13069.300	351.800	33.400		71090.800
Continental coast	482.131	7046.080	26.510	273.160			7827.881
Sakhalin coast	14082.200	3787.070					17869.270
Amur Basin	1840.170	2608.200					4448.370
The Sea of Japan							
Primor'e	3480.950	20.500					3501.450
Southwestern Sakhalin	66.900	2808.320					2875.220
Total	113260.523	30157.535	16342.155	1515.669	320.669		161596.551

Table 2

Total salmon catch in Russia (Far East) by species, region and subregion in thousands of fish 2004

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	9.585	196.003	53.711				259.298
Eastern Kamchatka	4368.950	1248.040	1157.053	236.700	38.550		7049.293
Kuriles	21916.995	1533.693	66.216	58.445	0.406		23575.755
The Sea of Okhotsk							
Western Kamchatka	31513.250	1031.300	4223.440	112.820	8.936		36889.746
Continental coast	347.643	1778.159	9.782	72.141			2207.725
Sakhalin coast	9657.260	1055.890					10713.150
Amur Basin	1546.361	835.962					2382.323
The Sea of Japan							
Primor'e	2390.250	5.392					2395.642
Southwestern Sakhalin	53.350	771.940					825.290
Total	71803.644	8456.379	5510.202	480.106	47.892		86298.222

Table 3

Total pink salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2004.

Region, subregion	May	June	July	August	September	Октябрь	Total
Western Bering Sea			5751	3834			9585
Eastern Kamchatka		1380	3824090	372220	171260		4368950
Kuriles			3990862	14991773	2838230	96130	21916995
The Sea of Okhotsk							
Western Kamchatka			6050000	21792514	3670732		31513246
Continental Coast		392	266776	80475			347643
Sakhalin Coast			3733090	5924170			9657260
Amur Basin			1277311	269050			1546361
The Sea of Japan							
Primor'e		127530	638499	1624221			2390250
Southwestern Sakhalin		6467	16507	30376			53350
Total		135769	19802886	45088633	6680222	96130	71803640

Table 4

Total chum salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2004.

Region, subregion	June	July	August	September	October	November	Total
Western Bering Sea		117602	77379	1022			196003
Eastern Kamchatka	69810	457550	639870	80810			1248040
Kuriles		49337	30320	494056	956940	3040	1533693
The Sea of Okhotsk							
Western Kamchatka		186900	619910	224490			1031300
Continental Coast		106961	1631340	39858			1778159
Sakhalin Coast		46460	88500	792680	128250		1055890
Amur Basin		413013	126885	296064			835962
The Sea of Japan							
Primor'e				3250	2142		5392
Southwestern Sakhalin			12970	725910	33060		771940
Total	69810	1377823	3227174	2658140	1120392	3040	8456379

Table 5

Total sockeye salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2004.

Region, subregion	June	July	August	September	Total
Western Bering Sea	1651	50340	1720		53711
Eastern Kamchatka	607984	353745	102178	93146	1157053
Kuriles		45379	19818	1019	66216
The Sea of Okhotsk					
Western Kamchatka		1718890	1867020	637530	4223440
Continental Coast		9003	779		9782
Total	609635	2177357	1991515	731695	5510202

Table 6

Total coho salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2004.

Region, subregion	June	July	August	September	October	Total
Eastern Kamchatka		6790	190670	39240		236700
Kuriles		8890	39201	10354		58445
The Sea of Okhotsk						
Western Kamchatka			46070	66750		112820
Continental Coast			57804	14337		72141
Total		15680	333745	130681		480106

Table 7

Total chinook salmon catch in Russia (Far East)
by regions, subregions and month in number of fish, 2004.

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	26870	10680	1000		38550
Kuriles		205	176	25	406
The Sea of Okhotsk					
Western Kamchatka		5694	3242		8936
Total	26870	16579	4418	25	47892

Table 3/1

Total pink salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2004.

Region, subregion	June	July	August	September	October	Total
Western Bering Sea		7.48	4.98			12.46
Eastern Kamchatka	1.80	5275.00	521.11	238.99		6036.90
Kuriles		6037.06	22715.12	4282.74	145.00	33179.91
The Sea of Okhotsk						
Western Kamchatka		9922.00	38136.90	6020.00		54078.90
Continental Coast	0.54	368.25	113.34			482.13
Sakhalin Coast		5283.40	8798.80			14082.20
Amur Basin		1520.00	320.17			1840.17
The Sea of Japan						
Primor'e	283.30	3197.65				3480.95
Southwestern Sakhalin	8.11	20.70	38.09			66.90
Total	293.75	31631.54	70648.50	10541.73		113260.52

Table 4/1

Total chum salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2004.

Region, subregion	June	July	August	September	October	November	Total
Western Bering Sea		425.72	280.11	3.70			709.53
Eastern Kamchatka	224.10	1615.90	1894.30	236.70			3971.0
Kuriles		160.76	100.19	1781.98	3595.74	10.76	5649.44
The Sea of Okhotsk							
Western Kamchatka		766.30	2070.50	720.60			3557.4
Continental Coast		409.08	6480.05	156.95			7046.08
Sakhalin Coast		161.51	315.25	2850.15	460.16		3787.07
Amur Basin		1288.60	395.88	923.72			2608.20
The Sea of Japan							
Primor'e				13.00	7.50		20.50
Southwestern Sakhalin			47.19	2640.86	120.27		2808.32
Total	224.10	4827.87	11583.47	9327.66	4183.67	10.76	30157.54

Table 5/1

Total sockeye salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2004.

Region, subregion	June	July	August	September	October	Total
Western Bering Sea	5.16	168.69	5.8			179.61
Eastern Kamchatka	1477.40	943.60	263.60	200.20		2884.80
Kuriles		125.83	53.13	2.99		181.94
The Sea of Okhotsk						
Western Kamchatka		5431.70	5825.10	1812.50		13069.30
Continental Coast		24.40	2.11			26.51
Total	1482.56	6694.22	6149.70	2015.69		16342.16

Table 6/1

Total coho salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2004.

Region, subregion	June	July	August	September	October	Total
Eastern Kamchatka		16.50	575.90	120.10		712.50
Kuriles		24.83	119.72	33.66		178.21
The Sea of Okhotsk						
Western Kamchatka			138.20	213.60		351.80
Continental Coast			219.70	53.46		273.16
Total		41.33	1053.52	420.82		1515.67

Table 7/1

Total chinook salmon catch in Russia (Far East)
by regions, subregions and month in tonnes, 2004.

Region, subregion	June	July	August	September	Total
Eastern Kamchatka	198.60	79.51	7.69		285.80
Kuriles		0.76	0.64	0.08	1.47
The Sea of Okhotsk					
Western Kamchatka		27.50	5.90		33.40
Total	198.60	107.77	14.23	0.08	320.67

Table 8

Escapement of adult pacific salmon to spawning areas in Russia, by species, region and subregion in thousands of fishes, 2004.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea		18.07	14.99				33.06
Eastern Kamchatka	17969.08	503.75	931.98	280.34	125.64		19810.79
Kuriles	2194.00	221.00					2415.00
The Sea of Okhotsk							
Western Kamchatka	51735.60	855.62	1615.835	219.45	71.82		54498.33
Continental Coast	1190.5	5941.9		41.4			7173.80
Sakhalin Coast	4518.60	437.90					4956.50
Amur Basin	243.40	418.55					661.95
The Sea of Japan							
Primor'e	1588.00	27.90				2.00	1617.90
Southwestern Sakhalin	331.20						331.20
Total	79770.38	8424.69	2562.81	541.19	197.46	2.00	91498.53

Table 9

Number of outmigrants of pacific salmon from Russian rivers
in 2004, 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	20220.36	19741.16	10180.87	861.73	4989.75	
L.Ushki		39.16	75.80	115.04		
R.Nikolka			254.94	350.11		
R.Zhupanovka		92.42	79.94	18.87	41.05	
R.Avacha	8525.25	1918.11	88.39	745.38	37.94	
South Kuril						
R.Olya	8300.00					
R.Rybatskaja	7110.00	3895.00				
R.Ilushina	5578.00	1306.70				
The Sea of Okhotsk						
Western Kamchatka						
R.Icha	12187.26	6172.23	1204.96	1096.40	80.63	
R.Bystraja	288.13	1641.86	1234.60	1897.50	3662.70	
R.Kluhevka		108.93	96.39	72.48	48.00	
R.Kihchik	1891.68	2378.21	305.93	495.01	227.23	114.67
R.Sadushka	16325.61	40.93		112.00	14.19	7.57
R.Kiumshich						
Continental coast						
R.Najahan	13.80	18.60				
R.Ola	205.80	10.00				
R.Tauy	82.20	11.50				
R.Okhota	19400.00	2300.00				
R.Jama	9.60	8.20				
R.Uda	9025.80	21116.40				
R.Amur basin						
R.Amur	97176.00	376728.50				
R.Amgun	131800.00	241400.00				
R.Anui		5547.50				
R.Ul	7.90	7990.00				
Amur mouth region						
R.Isky	4235.20	6054.90				
R.Duki		7940.30				
R.Gur		31680.00				

Continuation
of table 9

1	2	3	4	5	6	7
Sakhalin coast						
R. Langry	5249.00	3667.20				
R. Bakhura	24020.00					
R. Tym		42000.00				
Cr. Holodnyi	7728.00					
R. Ljutoga	52116.00					
R. Dudinka	3420.00					
R. Kura	20744.00					
R. Dagi	37332.00					
The Sea of Japan						
South Western Sakhalin						
R. Pokosnaja	151.22					
Primor'e						
R. Tumnin						
R. Ulika	33.80					
R. Botchi	295573.10					
R. Avvakumovka		880.30				
R. Barabashevka		198.80			46.60	
R. Narva		36.00				
R. Kievka		73.80			41.80	
R. Samarga					330.00	

Table 10

Quantity of different gears on pacific salmon fishery in Russia, by regions and subregions, in number of units, 2004.

Region, subregion	Gears		Total
	Set (beach) seine	River seine	
Western Bering Sea	2	5	7
Eastern Kamchatka	55	122	177
Kuriles	139	17	156
The Sea of Okhotsk			
Western Kamchatka	139	112	251
Continental Coast	25	165	190
Sakhalin Coast	164	19	183
Amur Basin	79	47	126
The Sea of Japan			
Primor'e	76	47	123
Southwestern Sakhalin	2		2

Table 11

Salmon fry released from Russian hatcheries, in thousands of fish, 2004.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka		24900.60	576.00		1177.00		26653.60
Kuriles	111729.00	34619.00				41.20	146389.20
The Sea of Okhotsk							
Western Kamchatka		7260.20	7129.10	500.00			14889.30
Continental Coast	23449.00	22243.10	675.60	4781.10			51148.80
Sakhalin Coast	158967.00	158225.00		6567.00		1556.90	325315.90
Amur River Basin		24531.00					24531.00
The Sea of Japan							
Primor'e		18900.00				3700.00	22600.00
Southwestern Sakhalin	1679.00	72409.00				269.10	74357.10
Total	295824.00	363087.90	8380.70	11848.10	1177.00	5567.20	685884.90

Table 12

Average weights (kg) of salmon in commercial catches in Russia (Far East)
by species, region and subregion, 2004.

Region,subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu
Western Bering Sea	1.30	3.62	3.34			
Eastern Kamchatka	1.38	3.18	2.49	3.01	7.41	
Kuriles	1.51	3.68	2.75	3.05	3.62	
The Sea of Okhotsk						
Western Kamchatka	1.72	3.45	3.09	3.12	3.74	
Continental coast	1.39	3.96	2.71	3.79		
Sakhalin coast	1.46	3.59				
Amur Basin	1.19	3.12				
The Sea of Japan						
Primor'e	1.46	3.80				2.59
Southwestern Sakhalin	1.25	3.64				

Table 13

Sport catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 2004.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea		16271	320				16591
Eastern Kamchatka	10810	11270	14360	5600			42040
Kuriles	7060	1230					8290
The Sea of Okhotsk							
Western Kamchatka	48260	7830	36740	10140	2570		105540
Continental Coast	125582	49750		5851			181183
Sakhalin Coast	60270	9730					70000
Amur River Basin	14891	44977					59868
The Sea of Japan							
Primor'e	15417	451				502	16370
Southwestern Sakhalin	6450	770					7220
Total	288740	142279	51420	21591	2570	502	507102

Table 14

Subsistence catch of Pacific salmon in Russia (Far East) by species, and area, in numbers of fish, 2004.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Western Bering Sea	9584	32072	4587				46243
Eastern Kamchatka	251260	83030	48000	1880	980		385150
Kuriles							
The Sea of Okhotsk							
Western Kamchatka	311560	73940	8260	16860	1430		412050
Continental Coast	38361	78547		3029			119937
Sakhalin Coast	56630	56320					112950
Amur River Basin		170846					170846
The Sea of Japan							
Primor'e	9611	814					10425
Southwestern Sakhalin	1200	4400					5600
Total	678206	499969	60847	21769	2410		1263201

Table 15

Catch of Pacific salmon by foreign fishery fleet in far-eastern Russian exclusive economic zone by species, by region, in tonnes, 2004.

Region, subregion	Pink	Chum	Sockeye	Coho	Chinook	Masu	Total
Eastern Kamchatka	147.0	1282.0	1793.0	16.0	31.0		3269.0
Southern Kuriles	113.0	1253.0	818.0	63.0	15.0		2262.0
The Sea of Okhotsk							
Western Kamchatka							
Sakhalin coast	19.0	688.0	5.0	1.0	2.0		715.0
The Sea of Japan							
Primor'e							
Total	279.0	3223.0	2616.0	80.0	48.0	0.0	6246.0