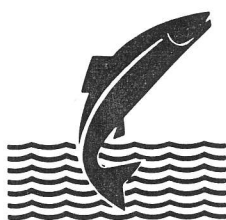


Icelandic Salmon Catch Statistics 1994

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INTRODUCTION

There are five species of fish in freshwater in Iceland. These are the salmonid species, Atlantic salmon (*Salmo salar*), Brown trout (*Salmo trutta*) and Arctic charr (*Salvelinus alpinus*). The other two are, European eel (*Anquilla anquilla*) and sticklebacks (*Gasterosteus aculeatus*). Of these species salmon is of the greatest economic importance.

The fishing season in Icelandic rivers is 3 1/2 months during the period from 20th of May to 30th of September. The daily fishing period is 12 hours, between sunset to dawn, and always closed between 3 am to 7 am. In most Icelandic rivers rod and line is the only allowed fishing gear. There is a fixed number of rods used in each river as decided by the Directorate of freshwater fisheries. As a rule of thumb 1 fish/day/rod, on the average, is used for deciding the number of rods allowed.

Net fishery is only in the largest glacial rivers. There has been a general ban on ocean salmon fishing in Icelandic waters since 1930. An exception are 5 localities in the western part of Iceland (Vesturland). At these localities gillnets, set out from land, are used.

The fishing rights go with the ownership of the land adjacent to the rivers. The landowners are usually farmers. All the owners of the fishing rights in a river system form a fishery association, which manages the exploitation of the fish stocks within the law. Usually the association rents or leases the fishing rights to angling clubs.

The catch is recorded in special logbooks in the fishing lodges.

At the end of each fishing season the logbooks are gathered by the Institute of Freshwater Fisheries. Statistical information is processed in computers. This information is sent back to the fisheries association with new logbooks before the next fishing season.

Statistics from Icelandic rivers for the 1994 fishing season have now been processed and the main results are in this report. This work is based on Gudbergsson (1994), Laxveiðin 1994, Report from the Institute of Freshwater Fisheries (in Icelandic). Statistics have been compiled this way since 1974.

METHODS

Iceland is divided into statistical regions regarding salmon catches (Figure 1.) Information on the catch in each region is summarized. The results from all regions are then combined for the whole country. The catch statistic for each river and for the fishing methods used are summarized. The harvesting methods used are rod and line, gillnets and ocean ranching. In Iceland the weight of freshwater fish is usually measured in pounds where 1 pound = 500 gr. Length is measured in cm. For each fish, date of catch, locality in the river and name of the fisherman is recorded. Fishing localities are often numbered for ease of processing.

The salmon catch is split by weight where males up to 8 pounds and females up to 7 pounds are grilse (1SW, one winter at sea) and bigger individuals are salmon (2SW, two winter at sea). This deviation usually shows the same results as aging by scales. Fish older than 2 winters at sea are rare.

Brown trout and Arctic charr are caught in many rivers as bycatch with the salmon. In other rivers these two species are the most common. In this report there is no difference made between stationary trout and sea-trout, and seac-harr and stationary charr.

RESULTS

Sport fishery

A total of 28.042 salmon and 104,8 tonnes were caught by rod in Icelandic rivers in 1994 (Table 1). About 28 % fewer salmon were caught by rod in 1994 than in 1993 (Table 2. Figure 3) and 22,6 % fewer than the 1974-1993 average. The highest number of salmon was caught in River Norðurá 1.625 and list a of the top 10 salmon rivers is shown in table 3.

A total of 16.071 brown trout was recorded, thereof 3.311 fish in River Grenlækur (Table 4) and 28.356 Arctic charr, thereof 7.071 in River Fljótá (Table 5).

Of the regions in Iceland highest number of salmon in rod fishery were caught in Vesturland 12.204 (Tables 6-12).

Net fishery

In the net fishery 11.846 salmon were caught, 6.712 in rivers and 5.134 in the gillnet fishery in the sea at 5 localities on the westcoast of Iceland. The weight of the net catch was 21,1 tonnes, 14,6 tonnes from riverine gillnets and 14,6 tonnes from gillnets at the coast. The catch of salmon, in numbers, in riverine gillnets was 25,7 % lower than the 1974 - 1994 average but similar as the catch in the past 6 years (Table 2; Figure 3).

Ocean ranching

A total of 89.225 salmon and 307,8 tonnes, returned to ocean ranching facilities. The total number of salmon returning from ocean ranching is much lower than in 1993 but until then there had been an increase in numbers each year for many years (Figure 4).

The salmon catch and harvest

The total number of salmon caught in the sports fishery and gillnets as well as returning to ocean ranching sites was 129.113, and 448,4 tonnes. The catch of wild salmon, in numbers, was 23,6 % lower than the average catch in the years 1974-1993.

In the rod fishery 17.562 (63 %) were grilse (1SW) and 10.480 (37 %) salmon (2SW) (Table 13).

In the rod fishery the grilse/salmon ratio was 1,7, in the gillnets 2,0 and 4,6 in ocean ranching (Table 14).

For long term comparison, the catch in Icelandic salmon rivers is given for the period 1974-1994 with a calculation of average, maximum and minimum catch (Table 15).

DISCUSSION

There are considerable fluctuations in the salmon catch in Iceland. Usually rivers in the same region fluctuate together. There are common factors effecting the production of smolts in the rivers and the return rates from the ocean. Climatic factors are of greatest importance and significant correlation has been found between the catch of grilse and ocean temperature the year before (Scarnecchia 1984; Antonsson et al 1994). There are also significant correlations between

the catch of grilse and salmon the year after (Scarnecchia 1984, Scarnecchia et.al. 1989). These factors as well as the number and migration timing of outgoing smolts can be used to forecast salmon catch within the range of high variance.

The exploitation rate in River Ellidaár has been estimated between 34 - 49% (Antonsson and Guðjónsson 1995) and are believed to be between 30-80% in Icelandic rivers (Gudjónsson 1986). The salmon catch reflects the size of the salmon runs to Icelandic rivers Gudjónsson et. al. 1995).

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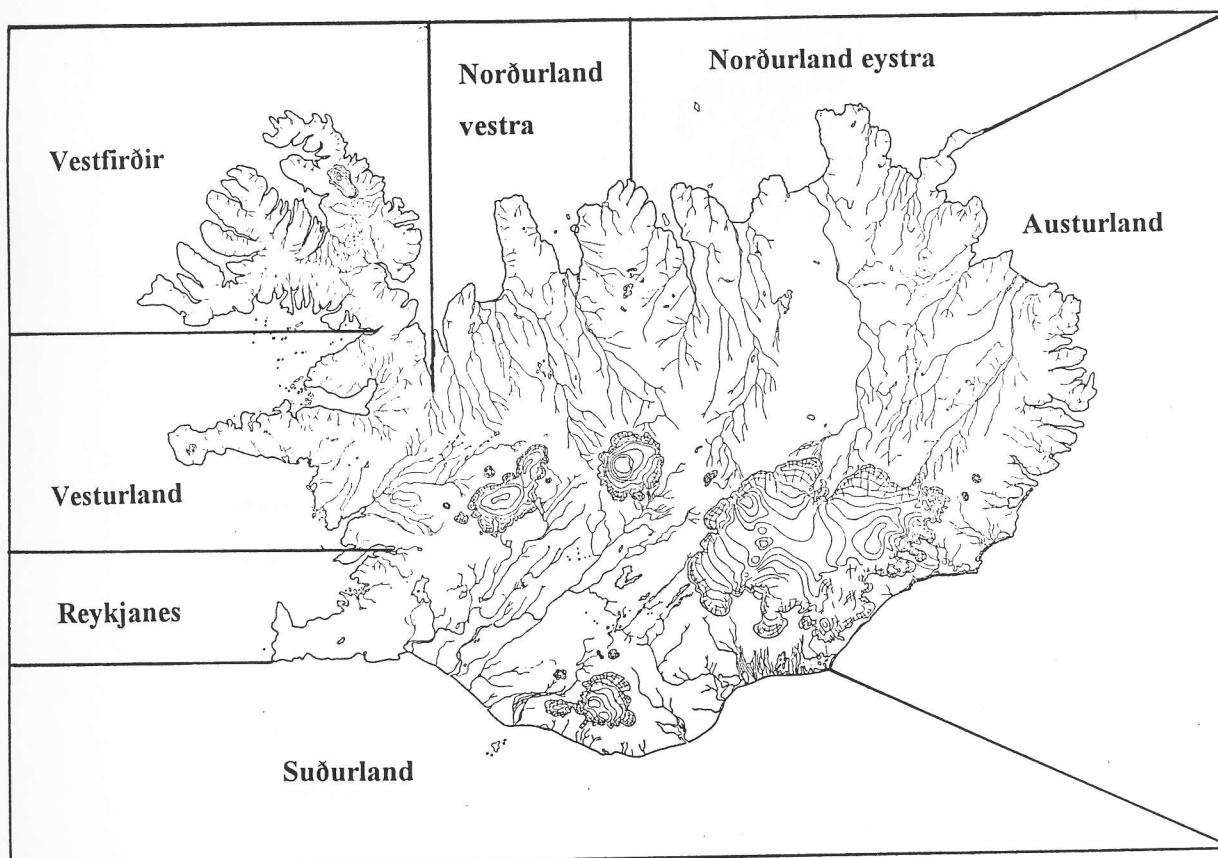


Figure 1. Areas used to split the Icelandic salmon catch into statistical regions.

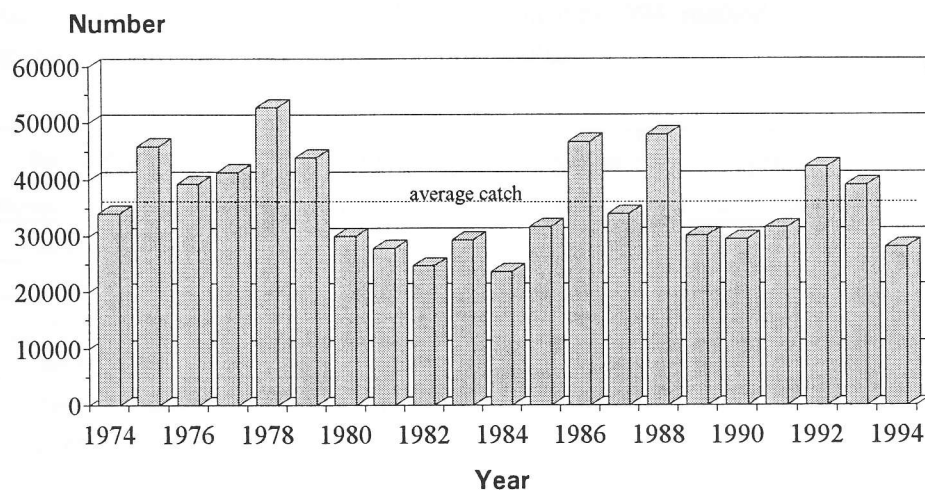


Figure 2. Total number of salmon in rod fishery in Iceland 1974 - 1994.

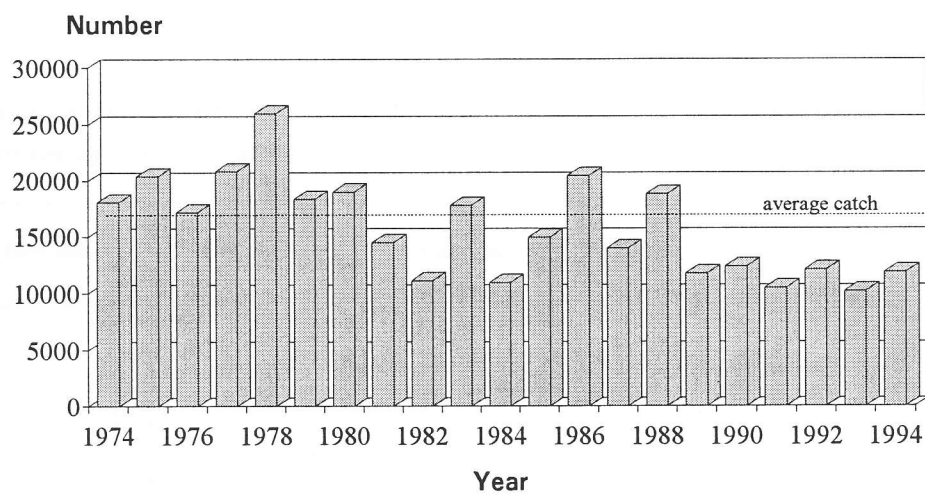


Figure 3. Total number of salmon in net fishery in Iceland 1974 - 1994.

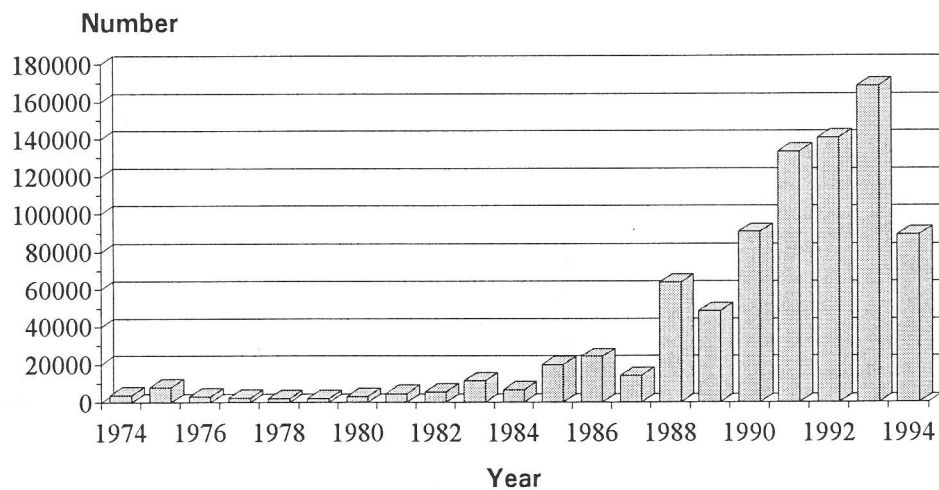


Figure 4. Total number of salmon in ocean ranching in Iceland 1974 - 1994.

Table 1. Total number and weight of captured salmon in Iceland in 1994, method of catch and regions (Weight is in pounds where 1 pound=500gr).

Region	Rod fishery		Net fishery		Ocean ranching		Total		Percentage	
	Number	Weight	Number	Weight	Number	Weight	Number	Weight	Number	Weight
Reykjanes	2889	15491			21375	148040	24264	163531	18,8	18,2
Vesturland	12204	78921	5340	30252	66820	462728	84364	571901	65,3	63,8
Vestfirðir	495	4140					495	4140	0,4	0,5
Norðurland vestra	3964	36372	43	304	750	3232	4757	39908	3,7	4,5
Norðurland eystra	2943	29844	69	626			3012	30470	2,3	3,4
Austurland	2026	19674	25	202			2051	19876	1,6	2,2
Suðurland	3521	25139	6369	40184	280	1600	10170	66923	7,9	7,5
Total	28042	209581	11846	71568	89225	615600	129113	896749	100,0	100,0
Total weight (kg)		104791		35784		307800		448375		

Table 2. Total catch (in numbers) of salmon in Iceland 1974 - 1994 divided by method and percentage of wild salmon.

Year	Rod fishery	Net fishery	Rod and net fishery	Ocean ranching	Total number	Wild salmon (%)
1974	34107	18044	52151	3765	55916	93,3
1975	45882	20402	66284	7720	74004	89,6
1976	39249	17130	56379	3247	59626	94,6
1977	41302	20864	62166	2405	64571	96,3
1978	52679	25946	78625	1953	80578	97,6
1979	43955	18306	62261	1967	64228	96,9
1980	30007	18992	48999	3138	52137	94,0
1981	27777	14478	42255	4626	46881	90,1
1982	24671	11107	35778	5340	41118	87,0
1983	29267	17761	47028	11194	58222	80,8
1984	23582	10912	34494	6595	41089	83,9
1985	31621	14942	46563	19750	66313	70,2
1986	46671	20437	67108	24100	91208	73,6
1987	33907	13960	47867	14140	62007	77,2
1988	47979	18781	66760	64017	130777	51,0
1989	30082	11738	41820	48617	90437	46,2
1990	29443	12339	41782	90726	132508	31,5
1991	31492	10454	41946	133203	175149	23,9
1992	42309	12062	54371	140763	195134	27,9
1993	39025	10197	49222	168427	217649	22,6
1994	28042	11846	39888	89225	129113	30,9
average 1974-1994	35859	15748	51607	40234	91841	56,2

Table 3. Top 10 salmon rivers in Iceland 1994.

River	Number of salmon
1. Norðurá	1625
2. Þverá og Kjarrá	1605
3. Rangárnar	1576
4. Grímsá og Tunguá	1485
5. Laxá í Aðaldal	1226
6. Elliðaár	1132
7. Hofsa og Sunnudalsá	1012
8. Langá	927
9. Laxá í Leirársveit	853
10. Laxá á Ásum	805

Table 4. Top 5 trout rivers in Iceland 1994.

River	Number of trout
1. Grenlækur	3311
2. Fremri Laxá á Ásum	2744
3. Laxá í Þing. ofan Brúa.	2301
4. Laxá í Aðaldal	705
5. Litlaá og Skjálftavatn	583

Table 5. Top 5 charr rivers in Iceland 1994.

River	Number of charr
1. Fljótaá	7071
2. Eyjafjarðará	3319
3. Svarfaðardalsá	1691
4. Flókadaslá	1673
5. Hörgá	1590

Table 6. Number and weight of salmon in catches in Reykjanes 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound=500gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total weight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Ellidáár	1132	5586	4,9	20,0	1078	4,7	54	9,9	19	0
Úlfarsá (Korpa)	338	1632	4,8	21,5	323	4,6	15	8,9	4	1
Leirvogsá	490	2451	5,0	9,0	441	4,5	49	9,3	7	0
Kiðafellsá *										
Laxá í Kjós	683	4387	6,4	3,1	516	5,0	167	10,7	14	0
Bugða	100	623	6,2	4,3	81	5,4	19	9,6	15	0
Brynjudalsá	88	478	5,4	5,8	75	4,7	13	9,7	0	7
Botnsá	58	334	5,9	5,4	49	4,8	9	12,0	2	5
Reykjanes total:	2889	15491	5,4	7,9	2563		326		61	13

* no records

Table 7. Number and weight of salmon in catches in Vesturland in 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound=500 gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total weight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Vötn í Svínadal	9	51	5,7	8,0	8	4,8	1	10,2	29	0
Laxá í Leirársveit	853	4833	5,7	5,0	711	4,8	142	10,2	183	14
Hvítá í Borgarfirði	560	3528	6,3	3,2	426	4,8	134	11,0	364	11
Andakilsá	125	728	5,8	4,7	103	4,9	22	9,9	0	3
Grímsá og Tunguá	1484	8351	5,6	5,3	1250	4,8	234	9,8	357	6
Flókadalsá	341	1757	5,2	9,7	309	4,7	32	9,2	4	0
Reykjadalsá	25	144	5,8	4,0	20	5,1	5	8,4	8	11
Norðlingaflljót	930	9061	9,7	0,7	367	5,4	563	12,6	32	6
Þverá og Kjarrá	1605	11457	7,1	2,0	1077	5,2	528	11,1	109	25
Norðurá	1625	9749	6,0	3,0	1215	4,7	410	9,9	4	2
Gljúfurá	150	726	4,8	9,0	135	4,4	15	8,7	3	0
Langá	927	4839	5,2	6,9	809	4,5	118	10,2	1	9
Urriðá	15	75	5,0	14,0	14	4,5	1	12,0	40	1
Álftá	247	1458	5,9	5,2	207	5,2	40	9,6	220	9
Hítará og Grjótá	206	1282	6,2	3,8	163	5,2	43	10,1	0	0
Haffjarðará	672	4339	6,5	3,6	525	5,3	147	10,8	6	10
Núpá í Eyjahreppi	233	1923	8,3	1,2	125	5,1	108	11,9	3	64
Laxá í Miklaholtshreppi	11	58	5,3	2,7	8	4,3	3	7,7	4	26
Straumfjarðará	253	1522	6,0	3,5	197	5,0	56	9,7	0	0
Lýsa	98	590	6,0	2,6	71	4,8	27	9,2	7	14
Fróðá	29	171	5,9	6,3	25	4,8	4	12,5	1	161
Setbergsá	40	204	5,1	4,7	33	4,3	7	8,9	1	0
Laxá á Skógarströnd	33	207	6,3	5,6	28	5,4	5	11,0	2	4
Dunká	50	275	5,5	5,3	42	4,5	8	10,7	0	0
Hörðudalsá	17	116	6,8	1,1	9	4,8	8	9,1	0	271
Skrauma á Skógarströnd	4	23	5,8	3,0	3	5,0	1	8,0	10	0
Miðá og Tunguá	42	257	6,1	3,2	32	4,7	10	10,6	1	411
Haukadalsá neðri	407	2760	6,8	1,7	255	4,5	152	10,7	0	111
Haukadalsá efri *										
Laxá í Dölum	625	4542	7,3	1,0	317	5,2	308	10,9	0	0
Fáskrúð	96	620	6,5	1,7	61	4,2	35	10,4	0	0
Glerá	37	336	9,1	0,6	14	4,1	23	12,1	0	1
Laxá í Hvamssveit	27	221	8,2	1,1	14	4,6	13	12,0	0	2
Flekkudalsá	100	502	5,0	6,1	86	4,3	14	9,3	6	23
Krossá	44	254	5,8	3,9	35	4,3	9	11,4	11	16
Búðardalsá	41	355	8,7	1,3	23	4,7	18	13,7	1	1
Hvolsá	77	517	6,7	1,7	48	4,8	29	9,7	0	0
Staðarhólsá	166	1090	6,6	2,5	119	5,1	47	10,3	2	733
Vesturland total:	12204	78921	6,5	2,7	8884		3320		1409	1945

* no records

Table 8. Number and weight of salmon in catches in Vestfirðir 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound = 500 gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total weight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Fjarðarhornská	4	26	6,5	3,0	3	5,0	1	11,0	0	80
Mórudalsá	0	0	0,0	0,0	0	0,0	0	0,0	0	0
Suðurfossá	9	46	5,1	8,0	8	4,8	1	8,0	0	0
Botnslón	0	0	0,0	0,0	0	0,0	0	0,0	0	0
Svína fossá *										
Hvannadalsá	41	384	9,4	0,6	16	6,2	25	11,2	0	1
Langadalsá	72	656	9,1	0,4	21	3,6	51	11,4	1	76
Laugardalsá	157	1108	7,1	2,0	104	4,8	53	11,5	11	0
Ísafjarðará	3	17	5,7		3	5,7	0	0,0	0	0
Selá í Skjaldfannardal	0	0	0,0	0,0	0	0,0	0	0,0	0	0
Bjarnarfjarðará	0	0	0,0	0,0	0	0,0	0	0,0	5	75
Selá í Steingrímsfirði	64	460	7,2	1,1	34	5,5	30	9,0	0	404
Staðará í Steingrímsfirði	26	191	7,3	1,4	15	5,6	11	9,9	0	163
Hrófá	23	190	8,3	0,0	12	5,5	11	11,3	1	31
Prestbakkaá	12	136	11,3	0,2	2	6,0	10	12,4	0	0
Krossá	52	605	11,6	0,4	15	4,7	37	14,5	0	1
Víkurá	20	220	11,0	0,2	3	4,7	17	12,1	0	7
Laxá í Hrútafirði	12	101	8,4	1,0	6	4,2	6	12,6	0	0
Vestfirðir total:	495	4140	8,4	1,0	242		253		18	838

* no records.

Table 9. Number and weight of salmon in catches in Norðurland vestra in 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound = 500gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total weight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Hrútafjarðará og Síká	176	1389	7,9	1,2	95	4,8	81	11,5	0	129
Tjarnará	9	103	11,4	0,1	1	4,0	8	12,4	0	29
Miðfjarðará	668	5276	7,9	1,4	385	4,7	283	12,2	7	123
Víðidalsá og Fitjá	580	6049	10,4	0,5	185	4,7	395	13,1	14	1214
Vatnsdalsá	516	6070	11,8	0,4	135	4,9	381	14,2	388	1058
Gljúfurá	21	146	7,0	3,2	16	5,0	5	13,2	26	6
Giljá	9	76	8,4	2,0	6	5,5	3	14,3	0	0
Laxá á Ásum	805	5706	7,1	2,3	559	5,0	246	11,9	2	3
Fremri Laxá á Ásum	26	179	6,9	1,4	15	4,7	11	10,4	2744	26
Blanda	357	4186	11,7	0,2	50	4,8	307	12,9	53	20
Svartá	400	3484	8,7	0,8	179	4,5	221	12,1	152	131
Laxá á Refasveit	144	1366	9,5	0,5	51	4,6	93	12,2	13	1
Hallá	28	227	8,1	1,2	15	4,7	13	12,1	21	2
Laxá í Nesjum	9	91	10,1	0,1	1	6,0	8	10,6	0	0
Fossá í Skefilst.hr.	10	108	10,8	0,4	3	5,0	7	13,3	0	0
Laxá í Skefilstaðahreppi	26	270	10,4	0,2	4	4,8	22	11,4	4	23
Húseyjarkvísl	80	840	10,5	0,3	18	4,6	62	12,2	540	44
Norðurá í Skagafi *										
Hrollleifsdalsá	7	59	8,4	1,3	4	5,6	3	12,0	53	628
Flókadalsá	15	156	10,4	0,4	4	4,5	11	12,5	82	1673
Fljótaá	78	591	7,6	1,9	51	5,1	27	12,2	0	7071
Norðurland vestra total:	3964	36372	9,2	0,8	1777		2187		4099	12181

* no records.

Table 10. Number and weight of salmon in catches in Norðurland eystra in 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound=500 gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total wight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Ólafsfjarðará *										
Svarfaðardalsá	0	0	0,0	0,0	0	0,0	0	0,0	40	1691
Þorvaldsdalsá *										
Hörgá	1	5,5	5,5		1	5,5	0	0	38	1590
Eyjafjarðará	15	82	5,5	2,8	11	4,6	4	7,5	153	3319
Fnjóská	128	1437	11,2	0,2	23	4,8	105	12,6	45	550
Djúpá	39	305	7,8	1,2	21	5,0	18	11,1	0	1
Skjálfandafljót	379	3708	9,8	0,5	124	4,6	255	12,3	53	198
Laxá í Aðaldal	1226	13756	11,2	0,4	374	5,1	852	13,9	705	57
Laxá í Laxárdal	0	0	0,0		0	0,0	0	0,0	679	1
Laxá í Mývatnssveit	0	0	0,0		0	0,0	0	0,0	1263	0
Laxá í Mývatnssv. Haganes	0	0	0,0		0	0,0	0	0,0	359	5
Reykjadalsá	110	828	7,5	0,9	53	4,8	57	10,0	0	0
Mýrarkvísl	139	1108	8,0	1,1	74	4,8	65	11,6	1	0
Litluársvötn og Skjálfvatn	17	91	5,4	3,3	13	4,3	4	8,8	583	220
Brunná	0	0	0,0	0,0	0	0,0	0	0,0	20	90
Deildará	173	1075	6,2	2,4	122	4,3	51	10,7	46	87
Ormarsá	169	1562	9,2	0,6	60	4,8	109	11,7	42	126
Svalbarðsá	145	1500	10,3	0,5	50	5,0	95	13,2	5	0
Sandá	204	2362	11,6	0,3	45	4,7	159	13,5	1	2
Hafralónsá	147	1571	10,7	0,2	29	4,9	118	12,1	6	34
Kverká	6	44	7,3	2,0	4	5,0	2	12,0	1	0
Hölkna	45	409	9,1	0,6	17	4,5	28	11,9	2	0
Norðurland eystra total:	2943	29844	10,1	0,5	1021		1922		4042	7971

* no records

Table 11. Number and weight of salmon in catches in Austurland 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound=500 gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total weight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Miðfjarðá og Kverká	60	585	9,8	0,4	18	5	42	11,8	1	2
Selá í Vopnafirði	631	6395	10,1	0,3	151	4,6	480	11,9	2	106
Vesturdalsá	218	1560	7,2	1,1	115	4,1	103	10,6	6	383
Hofsá og Sunnudalsá	1012	10405	10,3	0,3	251	4,4	761	12,2	22	261
Gilsá og Selfjót	16	103	6,4	3,0	12	4,3	4	12,7	20	381
Fjarðará, Seyðisfirði.	14	93	6,6	1,8	9	5,4	5	8,9	0	44
Fjarðará, Loðmundarfirði	3	34	11,3	0,5	1	3,5	2	15	0	68
Breiðdalsá	72	499	6,9	1,5	43	4,7	29	10,3	307	369
Austurland total:	2026	19674	9,7	0,4	600		1426		358	1614

Table 12. Number and weight of salmon in catches in Suðurland in 1994. Figures for number, average weight, grilse/salmon ratio and catch of trout and charr.
(Weight is in pounds, 1 pound=500 gr.).

River	Salmon catch				Grilse		Salmon		Trout	Charr
	number	total weight	average weight	grilse/salmon	number	average weight	number	average weight	number	number
Geirlandsá	20	124	6,2	9,0	18	5,8	2	10,0	118	39
Skaftá Vatnamót	1	3	3,0		1	3,0	0	0,0	405	28
Skaftá Mávab.Veiðiós	2	10,5	5,3		2	5,3	0	0,0	192	1
Skaftá Nýji-Bær	0	0	0,0		0	0,0	0	0,0	15	0
Holtsá	0	0	0,0		0	0,0	0	0,0	2	16
Grenlækur	11	60	5,5	4,5	9	3,8	2	12,0	3311	273
Eldvatn í Meðallandi	5	34	6,8	1,5	3	6,0	2	8,0	129	6
Tungufliót	35	225	6,4	2,2	24	5,1	11	9,3	156	85
Kerlingadalsá og Vatnsá	95	507	5,3	6,3	82	4,8	13	8,3	40	11
Heiðarvatn	1	3	3,0		1	3,0	0	0,0	255	296
Rangár og Fiská	1576	10060	6,4	3,9	1256	5,4	320	10,3	337	83
Minnivallarlækur	1	4	4,0		1	4,0			42	2
Kálfá	40	285	7,1	2,1	27	4,8	13	12,0	26	6
Ölfusá	375	2656	7,1	2,3	263	5,4	112	11,0	366	72
Hvítá	723	6429	8,9	1,0	369	5,5	354	12,5	75	31
Hagaós og Brúará	26	214	8,2	1,0	13	5,8	13	10,7	4	69
Brúará, Spóastaðir	23	191	8,3	0,8	10	4,7	13	10,8	7	220
Stóra Laxá	278	2367	8,5	1,4	160	5,4	118	12,8	12	22
Sogið	283	1840	6,5	3,0	213	5,1	70	10,8	11	209
Ásgarðslækur	10	25	2,5		10	2,5	0	0,0	0	0
Veiðifélag flóamanna	16	101	6,3	4,3	13	4,4	3	14,5	580	136
Hlíðarvatn	0	0		0,0	0	0,0	0	0,0	1	2189
Suðurland total:	3521	25139	7,1		2475		1046		6084	3794

* no records.

Table 13. Number and grilse/salmon ratio in the rod catch of salmon in Iceland 1994 in different regions.

Region	Grilse number	Salmon number	grilse/salmon ratio
Reykjanes	2563	326	7,9
Vesturland	8884	3320	2,7
Vestfirðir	242	253	1,0
Norðurland vestra	1777	2187	0,8
Norðurland eystra	1021	1922	0,5
Austurland	600	1426	0,4
Suðurland	2475	1046	2,4
Total:	17562	10480	1,7

Table 14. Number of grilse, salmon and grilse/salmon ratio in the catch by different method.

Catch method	Grilse number	Salmon number	ratio grilse/salmon
Rod	17562	10480	1,7
Net	7918	3928	2,0
Ranched	73302	15923	4,6
Total:	98782	30331	3,3

Table 15. Catches of salmon in Icelandic salmon rivers in 1974-1994. Average, maximum and minimum catch in the period are calculated.

River	Y																			A				R				Average		Maximum		Minimum	
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Catch	Catch	Catch	Catch	Catch							
Elliðaár	2033	2071	1692	1328	1383	1336	938	1074	1219	1508	1331	1157	1083	1175	2006	1773	1384	1127	1393	1390	1132	1406	2071	938	938	938	938						
Úlvasá (Korpa)	357	438	406	361	327	215	110	166	158	450	225	303	376	245	709	440	306	238	517	457	338	340	709	110	110	110	110						
Leirvogsa	332	739	544	474	463	386	136	213	322	514	320	438	324	291	1057	458	489	435	556	428	490	448	1057	136	136	136	136						
Laxá i Kjos	1270	1901	1973	1677	1648	1508	950	1290	927	1545	1273	871	1043	933	3422	1819	1370	1328	1053	1103	683	1409	3422	683	683	683	683						
Bugða	158	269	410	263	136	125	212	260	232	450	461	283	201	230	389	314	226	265	191	163	100	254	461	100	100	100	100						
Brynjúðalsá	205	271	185	173	98			24	120	177	68	29	44	59	287	118	385	235	154	118	88	149	385	24	24	24	24						
Laxá i Leirsrveit	822	1654	1288	1154	1252	899	707	670	545	708	742	860	1610	914	1887	1186	1052	850	652	747	853	1002	1887	545	545	545	545						
Andakilsá	235	331	262	187	237	138	69	104	89	108	106	101	145	136	203	122	97	134	85	109	125	149	331	69	69	69	69						
Hvítá	521	339	388	401	788	573	555	364	348	213	326	597	469	514	439	301	263	572	520	622	560	461	788	213	213	213	213						
Grimsá og Tunguá	1419	2116	1439	1103	1952	1527	869	845	717	1382	1061	1463	1836	825	1963	1200	756	1294	1864	1228	1485	1350	2116	717	717	717	717						
Flokdalsá	411	613	432	263	547	377	266	181	234	281	303	351	384	282	293	182	241	350	322	387	341	335	613	181	181	181	181						
Reyðgjaldalsá	275	156	185	112	120	105	56	80	100	91	58	42	69	42	33	75	77	157	107	40	25	95	275	25	25	25	25						
Þverá og Kjarrá	1748	2690	2330	2368	3132	3558	1938	1245	1616	1901	1082	1550	2127	1703	1567	1327	1485	1979	2314	1554	1605	1944	3558	1082	1082	1082	1082						
Norðurá	1428	2132	1675	1470	2089	1995	1583	1185	1455	1643	856	1121	1523	1034	1359	867	1070	1267	1965	2117	1625	1498	2132	856	856	856	856						
Giljufurá	150	522	356	400	461	286	130	101	184	225	110	138	280	73	181	133	97	171	286	192	150	220	522	73	73	73	73						
Langa	1379	2131	1568	1720	2405	1893	1049	735	1090	960	610	1155	1765	1023	1409	748	1000	951	1290	777	927	1266	2405	610	610	610	610						
Urriðá	154	341	204	300	386	255	265	267	396	485	268	333	399	202	443	283	245	274	333	242	247	301	485	154	154	154	154						
Álfhá	383	525	351	346	649	314	167	252	202	201	151	203	506	273	428	225	257	393	255	279	206	313	649	151	151	151	151						
Hitará	613	559	595	624	950	701	494	465	562	625	549	562	1131	521	875	661	599	711	818	617	672	662	1131	465	465	465	465						
Hafnarbær	451	755	433	466	648	391	320	437	350	360	215	327	378	161	334	300	267	308	233	260	253	364	755	161	161	161	161						
Straumfjarðará																																	
Vatnsholtisá og vötn																																	
Fróðá	182	199	254	225	234	130	94	75	100	100	171	135	200	143	183	126	101	88	107	105	98	112	254	29	29	29	29						
Grísholtisá og Bakka	60	55	75	70	125	61	24	48	37	64	60	27	38									57	125	24	24	24	24						
Setbergisá																						159	296	40	40	40	40						
Laxá á Skógarströnd	99	167	114	190	179	177	109	183	121	201	189	277	218	117	242	103	106	101	72	68	33	146	277	33	33	33	33						
Dunká	6	10		22	23	18	10	55	27	87	50	79	43	18	116	78	62	77	68	10	4	13	32	0	0	0	0						
Skrauma																						59	116	17	17	17	17						
Hörudalsá	74	55	55	51																		129	245	35	35	35	35						
Múla og Tunguá	117	245	121	146	135	203	85	182	132	161	128	46	101	35	200	118	90	88	214	112	42	722	1232	407	407	407	407						
Haukdalsá	810	914	904	862	926	630	408	814	598	886	633	499	817	650	1232	511	540	703	776	632	407	939	2385	324	324	324	324						
Laxá i Döllum	341	547	488	419	533	630	324	671	650	947	903	1600	1907	1408	2385	1006	1049	1227	1124	929	625	239	464	96	96	96	96						
Fáskrúð	202	298	136	242	226	261	140	190	154	214	165	257	449	381	464	203	226	183	330	212	96	269	509	100	100	100	100						
Flekkudalsá	300	462	343	342	467	509	293	255	237	249	189	133	244	129	360	140	145	241	262	247	100	109	208	27	27	27	27						
Krossá á Skarðsströnd	106	120	109	81	106	156	115	157	126	203	93	27	117	51	208	99	30	100	125	114	44	79	146	32	32	32	32						
Búðardalsá	35																					208	768	18	18	18	18						
Hvolsá og Staðarhólsá	126	136	185	163	180	90	18	140	111	100	144	137	323	101	768	163	331	327	306	274	243	20	60	0	0	0	0						
Fjarðarhórn																						339	703	125	125	125	125						
Laugarbalsá i Ísafi djúpi	309	601	245	681	703	596	276	288	250	181	125	421	386	190	501	280	161	284	220	265	157	18	55	3	3	3	3						
Ísafjarðará	10	27	52	52	29	25	12	12	12	9	5	6	14	3	23	16	14	55	15	12	3	143	292	31	31	31	31						
Langadalsá	78	172	170	189	120	101	47	30	45	27	24	71	112	67	95	130	88	217	292	241	72	72	304	23	23	23	23						
Hvannadalsá	57		56																			33	95	0	0	0	0						
Sela i Steingrimsfjörð	34	22		27	17	17	23	6	7	0	7	44	22	18	60	62	118	82	169	43	26	71	169	25	25	25	25						
Staðará i Steingrimsfjörð	44	100	108	124	101	95	72	46	41	26	25	28	56									68	182	12	12	12	12						
Vöðalsá i Steingrimsfjörð	182	49	54	61	93	104	98	34	54	12	16	54	62	23	85	41	32	94	93	64	23	45	94	14	14	14	14						
Hrófa	20			22	56	37	48	41	29	14	21	54	180	121	88	79	39	19	63	65	52	93	180	19	19	19	19						
Krossá i Þliru	5	38	92	68	121	125	151	153	109	90	41	109	180	121	88	79	39	19	63	65	52	93	180	19	19	19	19						
Vikurá	44																					76	219	5	5	5	5						
Þrestbakkaá																						63	123	12	12	12	12						
Laxá i Hrutafjörð	9	32	18	23	17	39	43	61	45	126	165	133	98	69	123	43	11	47	96	84	47	59	165	9	9	9	9						

Table 15. (continued)

River	Y																A		R		Average Maximum									
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Catch	Minimum	Catch						
Hrútafjarðar og Sika Mjólfjarðar Tjarnar á Vatnsnesi Vibíðalsá og Fíjja Vatnsdalsá Laxá á Ásum Blanda Svartá Laxá á Refasveit Halla Fossá í Skeifist,hr Laxá í Skeifist,hr Semundará Húseyjarkvísl Hofsá í Vesturdal Kolka Hrolleifsdalsá Flokdalsá í Fjótum Fíjótta Eyjafljóðar Friðská Skiálfandiþjót Laxá í Aðaldal Mýrarkvísl Ormarsá Deildará Svalbarðsá Sandá Hölná Hafraflónsá Mjólfjarðar við Bakkafl. Sela í Vopnafirði Vesturdalsá Hofsá Selfjót og Gilsá Fjarðar á Borgarf,eystri Breiðdalsá Geitlandsá í V-Skafi Eldvatn Tungufjót Kerlingadalsá og Vatnsá Rangárnar Storlaxá í Hreppum Briarar Sogð Hvítá í Árnessýslu Ölfusá Kálfa í Gnúperjarh. Vatnas. Baugstaðs	194	291	228	262	346	312	253	288	220	287	195	345	536	259	532	252	200	359	459	411	176	305	536	176						
	837	1414	1601	2581	2337	2132	1714	1213	926	882	583	1059	1719	1073	2081	1175	774	1112	1401	1023	668	1348	2581	583						
	1051	1140	1238	1792	1851	1948	1423	1392	1132	1082	625	713	1541	1563	2023	924	604	667	1473	1342	580	1243	2023	580						
	706	832	571	1203	1466	1413	1033	985	721	879	699	856	1582	1496	1243	660	604	683	998	853	516	952	1582	516						
	1439	1881	1270	1439	1854	1650	956	1413	1036	1050	625	1440	1857	1157	1617	749	651	833	861	1458	805	1240	1881	625						
	1173	2363	1485	1367	2147	906	778	1412	861	511	495	766	1814	1243	1217	375	607	568	432	404	357	1013	2363	357						
	420	232	96	46	295	469	444	125	73	147	132	330	391	462	275	118	105	108	363	495	400	263	495	46						
	79	58	41	71	94	146	153	71	39	57	70	111	144	132	140	96	156	117	297	227	144	116	297	39						
	5	6		34	62	98	94	26	14	25	8	22	32	20	22	24	12	22	20	25	10	88	197	28						
	120	134	73	140	200	220	245	161	113	93	74	134	138	176	137	70	103	70	144	106	26	127	245	26						
	115	116	160	212	303	112	70	52	29	75	94	139	94									123	303	29						
	112	118	141	158	194	84	107	52	54	90	77	105	104	101	101	73	113	89	103	245	160	112	245	52						
	23	2		15		12	16	10	23													14	23	2						
							12	12	11	7			24									13	24	7						
		24	28	41	41	41	65	17	4	4	7	4	25	15	24	10	18	16	18	16	16	55	7	22	65	4				
					71	71	40	22	54	2	10	68	83	150	112	93	323	388	135	282	203	78	176	388	60					
	204	189	173	269	316	316	199	165	125	71	60	68	83	150	112	93	323	388	135	282	203	78	176	388	60					
							27	71	21	14	7	11	11	13	13	10	6	40	22	54	33	15	23	71	6					
	386	268	250	273	554	554	446	527	257	323	98	107	120	144	93	124	112	121	135	554	411	128	259	554	93					
	67	412	288	336	317	426	108	169	106	169	100	165	679	721	503	379	431	493	318	862	907	379	403	907	67					
1817	2326	1777	2699	3063	3063	2372	2324	1455	1304	1109	1256	1911	2730	2422	2255	1619	1543	1439	2295	1983	1226	1949	3063	1109						
337	264	133	593	657	492	321	271	114	210	155	344	373	241	435	241	272	191	280	249	110	299	657	110							
210	201	121	181	221	197	169	242	179	248	215	388	490	252	287	239	188	243	390	266	139	241	490	121							
123	117	147	275	286	119	124	54	45	87	73	203	350	275	278	264	187	156	335	366	169	192	366	45							
158	189	168	224	357	164	111	93	27	55	69	234	253	178	173	145	142	88	281	391	173	175	391	27							
234	172	155	240	257	158	167	51	36	41	29	161	171	176	198	238	135	136	289	384	145	170	384	29							
288	238	315	474	418	411	380	138	53	47	35	257	340	403	290	182	81	100	354	434	204	259	474	35							
135	118	92	219	130	66	73	26	26	25	11	109	121	131	144	105	91	55	150	130	45	95	219	11							
343	302	227	312	276	264	180	36	60	52	25	132	223	296	361	313	223	123	266	402	147	217	402	25							
147	144	183	248	242	135	80	39	15	39	32	116	168	206	186	235	136	101	192	172	60	137	248	15							
589	711	845	1463	1394	767	637	192	168	229	123	627	1258	1523	1102	895	634	772	1318	1092	631	808	1523	123							
391	329	326	513	498	268	141	42	34	61	47	280	197	380	231	226	163	116	264	321	218	240	513	34							
1277	1117	1253	1273	1336	599	615	145	145	141	258	185	1219	1631	1710	1210	809	552	642	2238	2028	1012	1012	2238	141						
				77	32	19	7	6	15	16	65	70	32	32	12	5	26	42	90	98	16	37	98	5						
				44	27	13	5	1									6				16	44	1							