

Salmon and Sea Trout Fisheries 2007

This series consists mainly of primary statistics, statistics from statistical accounting systems and results of special censuses and surveys. The series is intended to serve reference and documentation purposes. The presentation is basically in the form of tables, figures and necessary information about data, collection and processing methods, in addition to concepts and definitions. A short overview of the main results is also included

The series also includes the publications Statistical Yearbook of Norway and Svalbard Statistics

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Preface

This publication presents data on fishing for salmon and sea trout in rivers and in sea. Further, tables are presented on fishing for escaped farmed fish separately.

Additional information for sea and river fishing is presented on the web-pages of Statistics Norway. Figures for each river on river fishing, or for each municipality on sea fishing, may be found here. The web-address is:
<http://www3.ssb.no/statistikbanken/>.

The entire publication is presented on the web in PDF format, but the tables can be downloaded in Excel format. The web-address is:
<http://www.ssb.no/English/subjects/10/05>.

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1. Introduction

The statistics for river fishing of salmon (*salmo salar*), sea trout (*salmo trutta*) and migratory char (*salvelinus alpinus*) was earlier based upon catch journals collected by the salmon fishery boards. As from 1993 the statistics is based upon catch journals collected by county authorities. The statistics for sea fishing of salmon and sea trout is based upon catch journals mailed directly to Statistics Norway by the fishermen themselves.

As from 1997 the Directorate for Nature Management (DN) opened for specific fishing for escaped farmed fish in the counties of Rogaland, Hordaland, Sogn og Fjordane, Møre og Romsdal, Sør-Trøndelag, Nord-Trøndelag, Nordland and Troms. The time period for this particular fishing is between 1 October and 28 February.

The catch statistics is important for the national and international management of anadromous salmonids.

2. Sources and methods

2.1. Coverage

The statistics refer to all catch by wedge-shaped seine and bend net of salmon and sea trout irrespective of whether the fish has been sold, stored, used for own household or given away. Because of missing basis of calculation, the value of catch will not be published from the year 2000. Today all Norwegian catch of salmon takes place within the limit of the 12 nautic miles fishing zone. Up to 1975 the Norwegians were also fishing beyond this zone and off Greenland. The catch outside the fishing zone has not been included in the ordinary statistics.

The demarcation of sea fishing and river fishing is set to the river/sea border outside the river/brook outlet. The municipalities draw the border between the river and the sea with authority in the Salmonids and Fresh-water Fish Act of 15 May 1992. The border should normally be marked by a sign. The area within 100 meters of the river outlet or the river/sea border is normally protected. In addition, some areas outside this area can be defined as a protection zone.

2.2. Sources of data and data collection

Sea fishing The statistics of sea fishing is based on catch journals filled in by the fishermen themselves and sent to Statistics Norway by the end of the fishing season. Statistics Norway yearly receives an updated register of fishermen from the county authorities. This register enables Statistics Norway to send reminders to fishermen, asking for missing catch journals.

River fishing The statistics of river fishing is based on various catch reports collected by land owners and sent to the county authorities. These authorities compile the data for each watercourse and forward the results to Statistics Norway on the Internet.

2.3. Verification of data

On sea fishing Statistics Norway transmits the data from catch journals to it-media. Automatic quality controls are introduced, searching for absolute as well as possible errors. Possible errors refer to the average weight of the fish. The county authorities verifies data on river fishing.

3. Concepts and Variables

Weight. The fish weight is stated in kilos live weight. Before 1993 the figures for salmon were specified into two groups: Salmon 3 kilos and over and salmon under 3 kilos. From 1993 the figures are specified into three groups: Salmon under 3 kilos, salmon between 3 and 7 kilos and salmon over 7 kilos.

4. Errors and inaccuracy

Missing or late catch journals are often a problem. The statistics is therefore not complete, and the quality of the data vary between the watercourses. In particular, data from small rivers, where the fishing is weakly organised, are incomplete and less reliable. To some extent rough estimates are used to replace erroneous or missing data.

Despite some of the deficiencies described above, the statistics is considered to give fairly correct picture of the development of the year to year catch of fish.

5. Some main results

5.1. Sea fisheries

In 2007, total catch of salmon and sea trout was 438 tonnes, of which 428 tonnes were salmon.

The average weight of salmon caught in 2007 was 4.8 kilos. 13 per cent of the salmon was under 3 kilos, 51 per cent between 3-7 kilos and 36 per cent over 7 kilos. Catch of pink salmon are included in salmon under 3 kilos.

5.2. River fisheries

In 2007, total catch of salmon, sea trout and migratory char was 415 tonnes, of which 341 tonnes were salmon. Tana was the most important watercourse in 2007, with a total catch of 48 tonnes, followed by Gaulavassdraget, Orkla, Namsenvassdraget and Altaelva.

The average weight of salmon caught in 2007 was 3.5 kilos. 25 per cent of the salmon was under 3 kilos, 42 per cent between 3-7 kilos and 33 per cent over 7 kilos.

5.3. Fishing for escaped farmed salmon 2007/2008

The total catch of escaped farmed fish was 17.2 tonnes, of which 16.5 tonnes were salmon and 0.7 tonnes were sea trout. The average weight for salmon was 3.9 kilos, and for sea trout 2.5 kilos.

8.4 tonnes of escaped farmed fish was taken with bend nets, 3.9 tonnes with set nets and 4.9 tonnes was taken with wedge-shaped seines.

5.4. Development of salmon and sea trout fisheries in Norway

Overall, the stocks have been reduced in the whole area for North Atlantic salmon. The reduction can be due to natural cycles, temporary poor conditions or too high exploitation.

The negative development of the salmon fishery in the eighties caused comprehensive restrictions in sea catch of salmon as from 1989. Drift net fishing was forbidden and use of bend net limited. Also the season for river fishing was reduced. In rivers important for spawning, fishing was totally forbidden.

In the ordinary statistics over salmon and sea trout fishery no distinction is made between wild salmon and escaped farmed salmon. The fraction of escaped farmed salmon has been increasing and the statistics do not give a right picture of catch of wild salmon.

According to the Directorate for Nature Management the share of escaped farmed salmon in 2007 is calculated to 34 per cent of the sea catch along the coast and 26 per cent in the fjord areas. The share of escaped farmed salmon of angling in rivers is calculated to 9 per cent in 2007.

6. Additional information

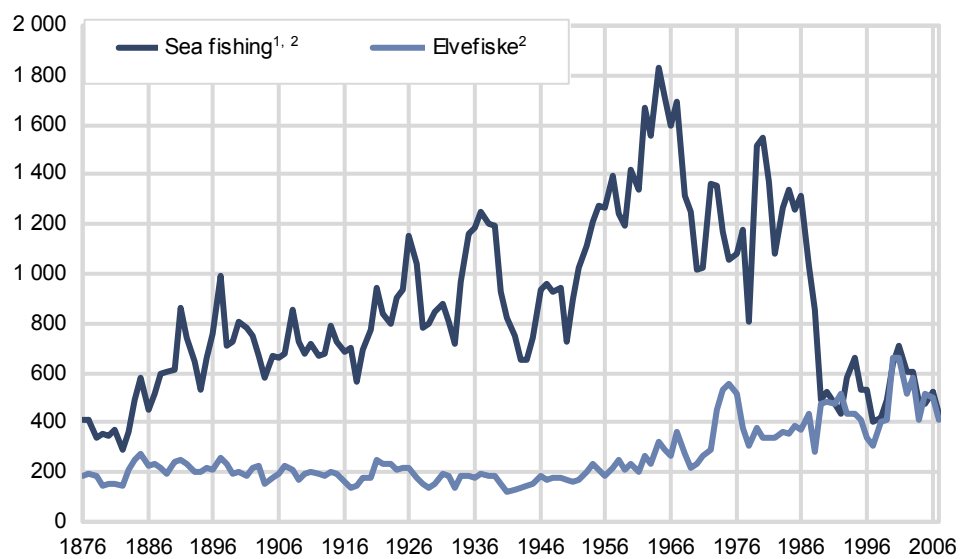
6.1. Internet dissemination

Statistic Norway has web-pages on the Internet. The web-address is:
<http://www.ssb.no>, and
<http://www3.ssb.no/statistikbanken/>.

6.2. Contact persons in Statistics Norway

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Figure 1. Sea and river fishing for salmon, sea trout and migratory shar. 1876-2007¹



¹ As from 1989 drift net fishing is forbidden. ² From 1993 there has been new routines for data collection.

Figure 2. River fishing. Catch of salmon, sea trout and migratory char in rivers/water courses with the biggest catch in 2007. Kg

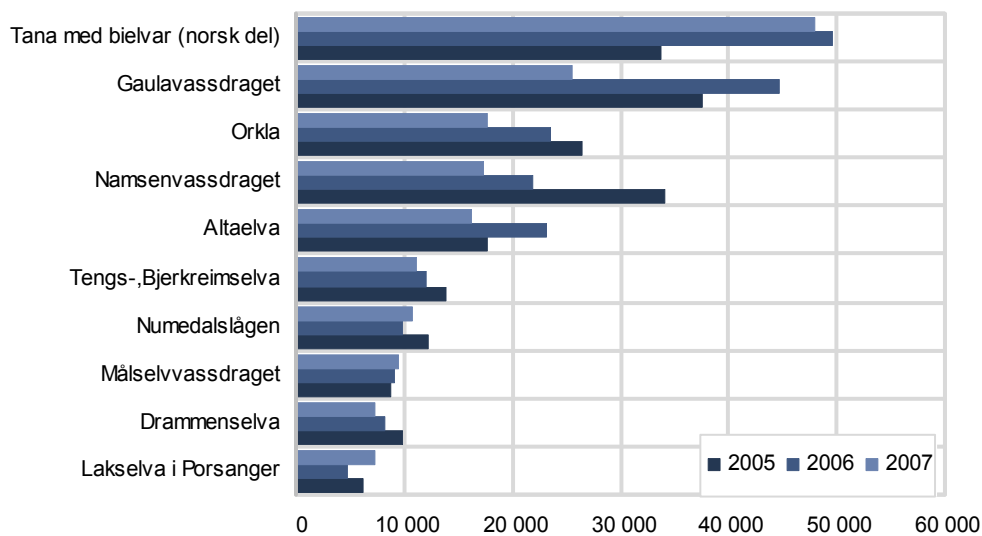


Figure 3. Sea fishing. Catch of salmon and sea trout in municipalities with the biggest catch in 2007. Kg

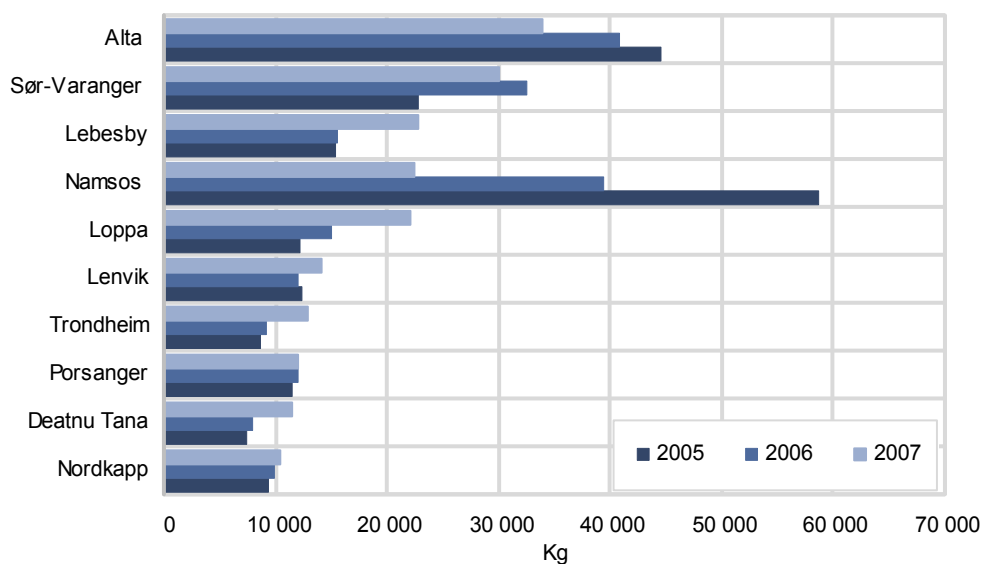


Figure 4. River fishing. Catch of salmon, sea trout and migratory char, by county. 2003-2007. Kg.

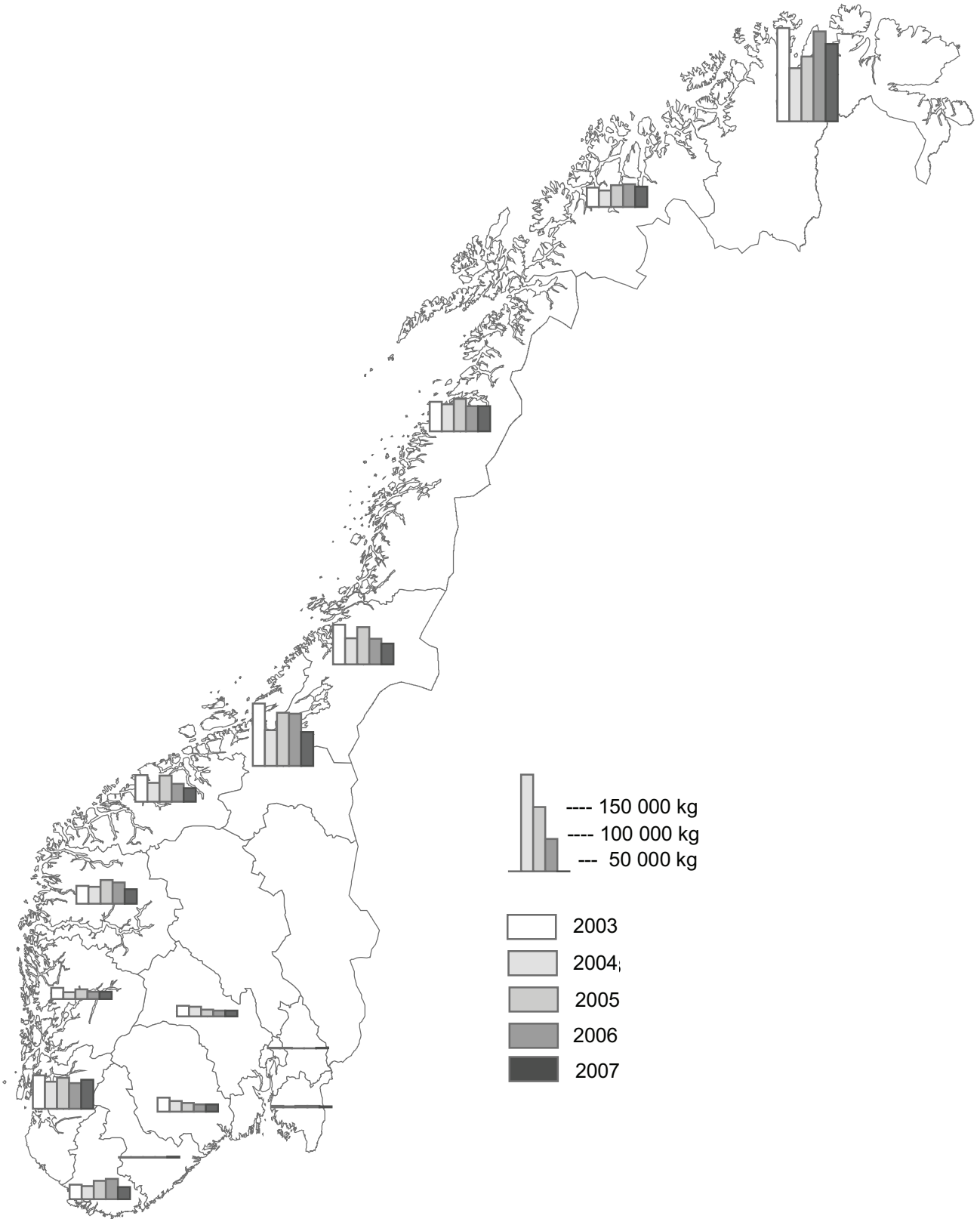
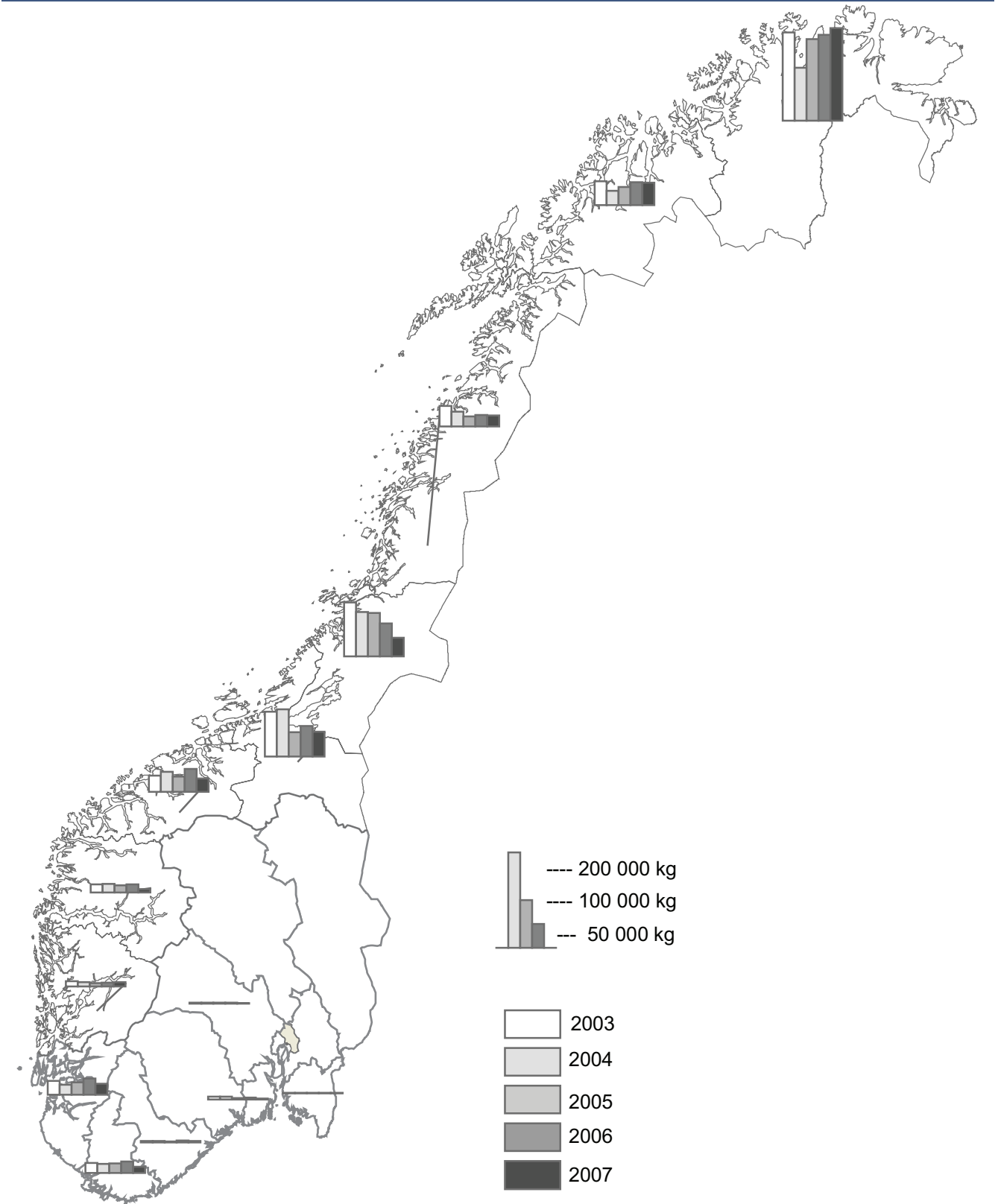


Figure 5. Sea fishing. Catch of salmon and sea trout, by county. 2003-2007. Kg



1. Salmon and sea trout fishing, 1876-2007. Tonnes

	Total	Sea fishing ¹	River fishing
1876	598	412	186
1877	598	408	190
1878	524	342	182
1879	499	355	144
1880	493	343	150
1881	519	367	152
1882	435	290	145
1883	579	366	213
1884	737	491	246
1885	860	584	276
1886	681	452	229
1887	752	516	236
1888	814	594	220
1889	798	604	194
1890	861	616	245
1891	1 111	862	249
1892	979	743	236
1893	842	644	198
1894	732	532	200
1895	882	661	221
1896	967	760	207
1897	1 257	995	262
1898	940	710	230
1899	918	722	196
1900	1 010	807	203
1901	974	786	188
1902	973	754	219
1903	899	672	227
1904	734	582	152
1905	847	668	179
1906	853	658	195
1907	904	681	223
1908	1 066	855	211
1909	896	728	168
1910	867	677	190
1911	918	718	200
1912	862	672	190
1913	865	680	185
1914	998	794	204
1915	918	723	195
1916	848	684	164
1917	840	702	138
1918	716	568	148
1919	869	695	174
1920	953	775	178
1921	1 193	944	249
1922	1 070	838	232
1923	1 030	800	230
1924	1 107	900	207
1925	1 151	935	216
1926	1 371	1 152	219
1927	1 219	1 041	178
1928	943	786	157
1929	939	799	140
1930	996	844	152
1931	1 069	879	190
1932	991	807	184
1933	856	715	141
1934	1 151	968	183
1935	1 349	1 161	188
1936	1 368	1 187	181
1937	1 447	1 253	194
1938	1 382	1 198	184
1939	1 379	1 190	189
1940	1 079	925	154
1941	945	823	122
1942	880	753	127
1943	790	654	136
1944	798	654	144
1945	899	745	154
1946	1 125	938	187
1947	1 134	961	173
1948	1 106	929	177
1949	1 125	944	181
1950	892	726	166
1951	1 053	892	161
1952	1 198	1 028	170

1 (framh.). Salmon and sea trout fishing. 1876-2007. Tonnes

	Total	Sea fishing ¹	River fishing
1953	1 313	1 113	200
1954	1 439	1 207	232
1955	1 483	1 273	210
1956	1 454	1 268	186
1957	1 611	1 397	214
1958	1 490	1 239	251
1959	1 404	1 195	209
1960	1 659	1 422	237
1961	1 533	1 335	198
1962	1 935	1 671	264
1963	1 786	1 553	233
1964	2 147	1 827	320
1965	2 000	1 706	294
1966	1 863	1 594	269
1967	2 052	1 691	361
1968	1 593	1 318	275
1969	1 466	1 246	220
1970	1 251	1 016	235
1971	1 288	1 022	266
1972	1 653	1 359	294
1973	1 806	1 357	449
1974	1 702	1 170	532
1975	1 611	1 058	553
1976	1 597	1 083	514
1977	1 560	1 179	381
1978	1 116	809	307
1979 ²	1 896	1 520	376
1980	1 892	1 551	341
1981	1 713	1 372	341
1982	1 415	1 077	338
1983	1 626	1 266	360
1984	1 698	1 342	356
1985	1 646	1 258	388
1986	1 681	1 311	371
1987	1 464	1 032	432
1988	1 132	852	280
1989 ³	972	495	476
1990	1 004	521	483
1991	951	476	475
1992	952	433	520
1993 ⁴	1 019	584	435
1994	1 092	660	432
1995	944	531	413
1996	870	531	339
1997	708	405	303
1998	826	421	405
1999	907	494	412
2000	1 302	639	663
2001	1 374	710	664
2002	1 124	607	517
2003	1 187	608	580
2004	890	482	408
2005	996	477	519
2006	1 022	523	499
2007	853	438	415

¹ Refers to fishing within the Norwegian fishing zone. ² From 1979 statistics on drift net fishing is based on catch journals from the fishermen. ³ As from 1989 drift net fishing is forbidden. ⁴ From 1993 there has been new routines for data collection. See chapt. 1 and 4.

2. Sea and river fishing for salmon. Catch, by size of fish and county. 2001-2007. Tonnes

	2001	2002	2003	2004	2005	2006	2007
Salmon, total	1 269	1 019	1 071	788	890	932	769
Less than 3 kg	418	249	363	208	307	261	140
3 kg and over	851	770	708	580	583	671	629
County							
Østfold	3	3	3	2	3	3	2
Akershus og Oslo	0	0	0	0	0	0	0
Buskerud	13	12	18	16	12	10	8
Vestfold	28	29	}27	21	}17	}15	}13
Telemark	2	2		1			
Aust-Agder	5	3	3	3	2	4	3
Vest-Agder	46	37	41	36	46	53	30
Rogaland	94	53	77	60	71	71	65
Hordaland	28	19	22	15	16	15	16
Sogn og Fjordane	53	31	33	34	42	41	22
Møre og Romsdal	83	66	58	62	61	69	42
Sør-Trøndelag	182	156	184	150	129	141	102
Nord-Trøndelag	165	117	166	126	140	99	66
Nordland	58	66	59	44	39	38	37
Troms Romsa	82	78	66	39	53	67	63
Finnmark Finnmarku	429	347	313	180	258	305	300

3. Sea and river fishing. Average weight of salmon, by county. 2000-2007. Kg

	2000	2001	2002	2003	2004	2005	2006	2007
Salmon, total								
The whole country	3.1	3.5	3.9	3.5	3.7	3.4	3.5	4.1
Salmon caught in sea								
The whole country	3.3	3.8	4.3	3.7	4.1	4.1	4.2	4.8
Østfold	4.1	4.2	4.4	4.4	5.4	4.8	4.8	4.9
Akershus og Oslo	-	-	-	-	-	-	-	-
Buskerud	3.8	4.3	4.0	4.7	5.2	5.2	5.1	4.6
Vestfold	}3.7	3.7	4.2	}4.7	4.8	}4.6	}4.5	}4.8
Telemark		3.7	3.6		5.0			
Aust-Agder	3.3	4.1	4.4	4.7	4.8	4.0	4.4	4.7
Vest-Agder	2.7	2.8	3.0	3.4	3.7	3.2	4.0	4.2
Rogaland	2.7	3.0	3.1	3.5	3.1	3.0	3.7	4.5
Hordaland	3.5	3.8	3.8	4.2	4.0	3.8	4.1	4.7
Sogn og Fjordane	3.4	3.5	4.2	3.8	3.9	4.0	4.3	4.7
Møre og Romsdal	3.0	3.4	4.3	3.8	3.5	3.9	4.4	4.8
Sør-Trøndelag	3.1	3.5	4.6	3.7	5.2	4.5	4.2	5.0
Nord-Trøndelag	3.2	3.7	4.4	3.2	4.4	3.8	4.2	5.0
Nordland	3.0	3.4	3.7	3.3	3.3	3.6	3.5	4.1
Troms Romsa	3.7	4.3	4.6	4.1	4.0	4.3	4.0	5.1
Finnmark Finnmarku	3.7	4.6	4.6	4.2	4.0	4.5	4.3	4.7
Salmon caught in rivers								
The whole country	2.9	3.2	3.6	3.3	3.3	2.9	3.0	3.5
Østfold	4.2	4.5	4.3	4.9	4.1	4.8	4.9	4.7
Akershus og Oslo	2.4	2.3	2.3	2.2	2.4	1.7	1.9	2.9
Buskerud	4.0	4.4	3.8	4.6	5.6	5.5	4.1	5.4
Vestfold	3.5	3.8	3.4	4.4	4.4	4.5	3.7	4.7
Telemark	2.8	2.8	2.3	3.0	2.8	2.7	3.0	3.1
Aust-Agder	2.5	2.3	2.2	1.9	2.7	1.7	1.9	2.7
Vest-Agder	2.2	2.2	2.4	2.5	2.3	2.1	2.3	2.8
Rogaland	2.3	2.4	2.3	2.4	2.4	2.1	2.3	2.9
Hordaland	3.0	3.0	3.5	3.1	3.0	2.6	3.1	3.6
Sogn og Fjordane	2.9	3.4	3.6	3.1	3.2	3.2	3.9	4.8
Møre og Romsdal	2.3	2.5	3.4	2.5	2.8	2.7	3.5	3.2
Sør-Trøndelag	3.1	3.2	4.3	3.5	4.6	3.7	3.5	4.2
Nord-Trøndelag	3.0	3.3	3.2	2.8	3.6	2.7	3.1	2.8
Nordland	2.3	2.4	2.7	2.6	2.8	2.2	2.3	2.7
Troms Romsa	3.3	3.5	3.8	3.9	3.2	2.8	2.8	3.9
Finnmark Finnmarku	3.4	4.0	4.2	4.2	3.5	3.1	2.9	3.8

4. Sea and river fishing. Total catch. 1975-2007. Kg

	Catch, total	Sea fishing ¹					Sea trout and migratory char ²
		Total	Salmon				
			Total	Less than 3 kg	3 kg and over		
1975	1 610 988	1 057 646	1 031 598	330 370	701 228	26 048	
1976	1 597 112	1 082 640	1 062 161	296 270	765 891	20 479	
1977	1 560 042	1 179 291	1 152 973	352 493	800 480	26 318	
1978	1 116 667	809 194	785 312	270 215	515 097	23 882	
1979	1 895 742	1 520 140	1 503 178	527 706	975 472	16 962	
1980	1 891 682	1 550 971	1 534 982	393 049	1 141 933	15 989	
1981	1 713 288	1 372 050	1 357 651	395 092	962 559	14 399	
1982	1 415 546	1 077 380	1 057 968	304 236	753 732	19 412	
1983	1 626 142	1 266 031	1 244 143	508 485	735 658	21 888	
1984	1 697 532	1 341 659	1 323 451	540 392	783 059	18 208	
1985	1 645 650	1 257 825	1 239 021	515 652	723 369	18 804	
1986	1 681 354	1 310 853	1 291 301	436 115	855 186	19 552	
1987	1 464 177	1 031 818	1 013 571	368 390	645 181	18 247	
1988	1 132 399	852 324	841 587	316 383	525 204	10 737	
1989	971 613	495 213	487 516	234 655	252 861	7 697	
1990	1 003 776	520 930	513 653	207 683	305 970	7 277	
1991	950 924	475 753	469 799	172 597	297 202	5 954	
1992	952 185	432 653	426 110	137 953	288 157	6 543	
1993 ³	1 018 993	584 243	571 479	167 937	403 542	12 763	
1994	1 092 650	660 321	644 736	260 091	384 645	15 585	
1995	944 013	531 174	514 615	114 977	399 638	16 559	
1996	869 239	530 513	520 018	116 969	403 049	10 495	
1997	707 985	405 039	394 358	132 230	262 128	10 681	
1998	825 577	420 755	409 749	127 382	282 367	11 006	
1999	906 634	494 212	483 478	152 402	331 076	10 734	
2000	1 301 901	638 526	626 653	251 030	375 623	11 873	
2001	1 373 890	709 590	698 618	197 779	500 839	10 972	
2002	1 124 463	607 172	596 502	122 736	473 766	10 670	
2003	1 187 288	607 560	597 234	186 513	410 721	10 326	
2004	890 379	482 495	468 820	103 020	365 799	13 675	
2005	996 209	477 149	465 672	118 084	347 588	11 477	
2006	1 021 531	522 654	511 797	101 165	410 633	10 857	
2007	853 335	438 034	428 185	55 541	372 644	9 848	
River fishing							
	Total	In per cent of catch, total	Salmon			Sea trout and migratory char	
			Total	Less than 3 kg	3 kg and over		
1975	553 342	34	505 420	168 942	336 478	47 922	
1976	514 472	32	468 279	171 165	297 114	46 193	
1977	380 751	24	335 488	117 816	217 672	45 263	
1978	307 473	28	264 461	111 645	152 816	43 012	
1979	375 602	20	327 697	153 324	174 373	47 905	
1980	340 711	18	294 908	85 374	209 534	45 803	
1981	341 238	20	297 662	71 364	226 298	43 576	
1982	338 166	24	289 118	58 602	230 516	49 048	
1983	360 111	22	305 645	84 476	221 169	54 466	
1984	355 876	21	299 193	87 718	211 475	56 683	
1985	387 825	24	321 967	122 836	199 131	65 857	
1986	370 501	22	306 491	119 608	186 883	64 010	
1987	432 359	30	371 783	122 355	249 428	60 576	
1988	280 075	25	234 790	103 648	131 142	45 285	
1989	476 400	49	416 942	200 848	216 094	59 458	
1990	482 846	48	416 543	177 901	238 642	66 303	
1991	475 171	50	407 125	169 485	237 640	68 046	
1992	519 532	55	440 917	162 639	278 278	78 615	
1993 ³	434 750	43	351 100	143 709	207 391	83 650	
1994	432 329	40	351 441	155 315	196 125	80 888	
1995	412 839	44	324 609	133 584	191 025	88 230	
1996	338 726	39	267 450	98 036	169 414	71 276	
1997	302 946	43	235 557	109 065	126 492	67 389	
1998	404 822	49	330 731	168 359	162 373	74 091	
1999	412 422	45	327 490	165 570	161 921	84 932	
2000	663 375	51	556 830	254 701	302 128	106 545	
2001	664 300	48	571 097	220 510	350 587	93 202	
2002	517 291	46	422 917	126 670	296 247	94 374	
2003	579 728	49	473 926	176 685	297 241	105 802	
2004	407 884	46	318 915	105 021	213 894	88 968	
2005	519 060	52	424 372	189 096	235 276	94 688	
2006	498 877	49	420 297	160 229	260 069	78 580	
2007	415 301	49	340 582	84 634	255 948	74 719	

¹ From 1979, statistics on drift net fishing is based on catch journals from the fishermen. As from 1989 drift net fishing is forbidden. ² From 1993 data on migratory char are not registered. ³ From 1993 there has been new routines for data collection. See chart. 1 and 4.

5. Sea fishing. Catch, by fishing gear used. 1966-2007.

	Catch, total		Casting net	Set net	Wedge-shaped seine	Bend net	Stationed lift net	Drift net	Others
	Tonnes	Per cent							
1966	1 594	100	..	..	69	..	2	..	..
1967	1 692	100	..	3	65	8	1	12	2
1968	1 318	100	2	6	65	9	1	16	1
1969	1 246	100	2	3	66	8	1	19	1
1970	1 016	100	2	5	62	12	1	18	0
1971	1 022	100	2	5	52	14	1	25	1
1972	1 359	100	2	4	49	13	1	30	1
1973	1 357	100	2	4	46	16	1	30	1
1974	1 171	100	2	6	44	19	1	27	1
1975	1 058	100	1	6	39	22	1	30	1
1976	1 083	100	1	5	34	23	1	35	1
1977	1 179	100	1	4	29	19	1	45	1
1978	809	100	1	4	23	18	1	52	1
1979 ²	1 520	100	-	-	15	17	1	66	1
1980	1 551	100	-	-	21	21	1	56	1
1981	1 372	100	-	-	19	19	1	60	1
1982	1 077	100	-	-	19	24	1	55	1
1983	1 266	100	-	-	14	19	0	65	1
1984	1 342	100	-	-	15	19	1	65	1
1985	1 258	100	-	-	19	27	1	53	1
1986	1 311	100	-	-	14	25	0	61	1
1987	1 032	100	-	-	15	30	0	54	1
1988	852	100	-	-	11	27	0	62	1
1989 ³	495	100	-	-	61	37	1	-	1
1990	521	100	-	-	64	35	1	-	1
1991	476	100	-	-	62	36	1	-	1
1992	433	100	-	-	65	34	0	-	1
1993 ⁴	584	100	-	-	68	32	-	-	-
1994	660	100	-	-	68	32	0	-	-
1995	531	100	-	-	70	30	-	-	-
1996	531	100	-	-	65	35	-	-	-
1997	405	100	-	-	72	28	-	-	-
1998	421	100	-	-	70	30	-	-	-
1999	494	100	-	-	67	33	-	-	-
2000	639	100	-	-	68	32	-	-	-
2001	710	100	-	-	68	32	-	-	-
2002	607	100	-	-	71	29	-	-	-
2003	608	100	-	-	76	24	-	-	-
2004	482	100	-	-	80	20	-	-	-
2005	477	100	-	-	71	29	-	-	-
2006	523	100	-	-	73	27	-	-	-
2007	438	100	-	-	64	36	-	-	-

¹ Inclusive casting nets. ² From 1979, statistics on drift net fishing is based on catch journals from the fishermen. ³ As from 1989 drift net fishing is forbidden. ⁴ From 1993 there has been new routines for data collection. See chapt. 1 and 4.

6. Sea fishing. Number of fishing gear used¹, by county. 2005-2007.

	2005		2006		2007	
	Wedge shaped seine	Bend net ²	Wedge shaped seine	Bend net ²	Wedge shaped seine	Bend net ²
Total	1 461	661	1 283	684	1 303	669
Østfold	6	10	7	17	8	16
Buskerud	14	-	10	-	11	-
Vestfold	}33	}	}24	}	}24	}
Telemark						
Aust-Agder	15	-	15	-	15	-
Vest-Agder	148	-	133	-	134	-
Rogaland	108	-	92	-	107	-
Hordaland	49	-	41	-	43	-
Sogn og Fjordane	84	:	71	:	55	:
Møre og Romsdal	132	:	126	5	136	:
Sør-Trøndelag	122	-	110	-	111	-
Nord-Trøndelag	173	:	151	:	132	-
Nordland	193	:	174	5	158	:
Troms Romsa	178	-	148	-	159	-
Finmark Finnmarku ...	206	640	181	652	210	643

¹ Data is based upon catch journals from the fishermen. ² Bend net fishing was forbidden in the counties of Rogaland, Hordaland, Sogn og Fjordane, Møre og Romsdal, Sør-Trøndelag, Nord-Trøndelag, Nordland and Troms.

7. River fishing. Number of fish and average weight, by county. 2007.

	Number of fish				Average weight				Sea trout and migratory char
	Salmon			Sea trout and migratory char	Total	Salmon			
	Less than 3 kg	3-7 kg	7 kg and over			Less than 3 kg	3-7 kg	7 kg and over	
Kg									
The whole country	53 288	31 605	11 913	76 704	3.5	1.6	4.6	9.3	1.0
Østfold	95	160	60	48	4.7	1.7	4.9	9.0	1.5
Akershus og Oslo	34	27	1	366	2.9	1.5	4.3	7.0	1.1
Buskerud	295	721	336	1 727	5.4	1.8	5.2	9.2	1.1
Vestfold	418	1 494	272	337	4.7	1.9	4.8	8.6	1.3
Telemark	69	69	5	14	3.1	1.7	4.0	8.7	1.0
Aust-Agder	185	105	7	438	2.7	1.6	4.4	7.8	1.3
Vest-Agder	3 677	2 344	194	1 265	2.8	1.6	4.3	8.4	1.1
Rogaland	9 154	4 944	638	2 112	2.9	1.7	4.4	8.8	0.9
Hordaland	995	1 022	187	3 188	3.6	1.6	4.6	8.7	1.0
Sogn og Fjordane	1 048	1 476	787	3 782	4.8	1.7	4.7	9.0	1.7
Møre og Romsdal	2 890	1 551	435	4 312	3.2	1.6	4.6	8.7	1.2
Sør-Trøndelag	5 665	3 709	2 639	1 700	4.2	1.4	4.9	9.1	0.9
Nord-Trøndelag	7 294	1 919	1 180	3 349	2.8	1.2	4.7	9.4	0.9
Nordland	4 433	1 707	358	21 473	2.7	1.5	4.6	8.6	1.0
Troms Romsa	2 339	1 311	670	18 426	3.9	1.8	5.0	8.8	0.8
Finmark Finnmarku ...	14 697	9 046	4 144	14 167	3.8	1.7	4.4	10.0	0.9

8. Sea fishing. Number of fish and average weight, by county. 2007

	Number of fish				Average weight				Sea trout
	Salmon			Sea trout	Total	Salmon			
	Less than 3 kg	3-7 kg	7 kg and over			Less than 3 kg	3-7 kg	7 kg and over	
Kg									
The whole country	25 034	47 712	17 024	4 406	4.8	2.2	4.6	9.0	2.2
Østfold	13	107	15	10	4.9	2.2	4.7	8.7	2.4
Buskerud	34	111	24	132	4.6	2.0	4.6	7.9	2.3
Vestfold og Telemark	66	313	49	58	4.8	2.3	4.8	8.5	2.3
Aust-Agder	41	398	38	43	4.7	2.5	4.5	8.7	2.4
Vest-Agder	662	2 193	202	173	4.2	2.3	4.3	8.5	2.2
Rogaland	1 144	3 170	569	101	4.5	2.2	4.6	8.7	2.0
Hordaland	338	1 150	223	136	4.7	2.2	4.7	8.4	2.6
Sogn og Fjordane	232	1 002	164	54	4.7	2.3	4.6	8.3	2.7
Møre og Romsdal	1 169	3 055	1 311	383	4.8	2.3	4.6	7.4	2.7
Sør-Trøndelag	2 091	6 055	1 978	460	5.0	2.2	4.8	8.9	2.1
Nord-Trøndelag	2 188	3 619	1 694	713	5.0	2.1	4.8	9.0	1.9
Nordland	1 652	2 421	566	1 260	4.1	2.2	4.4	8.6	2.3
Troms Romsa	2 707	4 376	2 076	269	5.1	2.2	4.9	9.2	2.0
Finmark Finnmarku	12 697	19 742	8 115	614	4.7	2.2	4.5	9.4	2.3

9. River fishing. Catch of salmon, sea trout and migratory char in rivers/water courses with the biggest catch in 2007. Kg

	2003	2004	2005	2006	2007
1 Tana med bielvar (norsk del)	86 131	35 813	33 816	49 648	48 054
2 Gaulavassdraget	38 593	27 202	37 497	44 665	25 487
3 Orkla	33 284	17 703	26 447	23 529	17 704
4 Namsenvassdraget	31 868	23 630	34 100	21 832	17 355
5 Altaelva	15 054	12 063	17 773	23 133	16 280
6 Tengs-,Bjerkreimselva	14 142	10 609	13 797	11 985	11 180
7 Numedalslågen	19 300	15 750	12 152	9 888	10 796
8 Målselvassdraget	11 561	7 493	8 730	9 104	9 552
9 Drammenselva	15 880	13 728	9 881	8 146	7 323
10 Lakselva i Porsanger	5 793	4 133	6 204	4 711	7 268
11 Mandalselva	9 014	7 130	11 655	12 635	7 199
12 Repparfjordelva m/Skaidijohka	6 208	3 795	6 902	9 620	6 996
13 Figgjo	8 569	8 505	8 650	4 564	6 133
14 Otra	7 566	5 885	10 076	10 804	6 063
15 Beiervassdraget	6 642	7 685	7 252	5 732	5 917
16 Stjørdalselva m/Sona	10 388	5 254	6 286	6 092	5 634
17 Vefsnvassdraget	9 765	8 134	7 772	4 822	5 450
18 Neidenelva (norsk del)	7 829	4 912	5 661	9 133	5 181
19 Reisavassdraget (Nordreisnelva) ...	3 553	2 712	4 219	6 863	5 028
20 Komagelva	2 100	2 339	2 979	5 128	4 912

10. Sea fishing. Catch of salmon and sea trout in municipalities with the biggest catch in 2007. Kg

	2003	2004	2005	2006	2007
1 Alta	26 010	15 913	44 590	40 768	33 859
2 Sør-Varanger	29 462	20 886	22 844	32 521	30 026
3 Lebesby	17 898	5 767	15 413	15 594	22 846
4 Namsos	73 350	63 157	58 647	39 470	22 443
5 Loppa	13 649	8 325	12 178	15 080	22 085
6 Lenvik	15 156	6 279	12 337	12 006	14 055
7 Trondheim	18 205	17 020	8 726	9 135	12 948
8 Porsanger Porsångu Porsanki	8 060	5 211	11 435	11 941	11 947
9 Deatnu - Tana	18 092	8 556	7 471	7 892	11 440
10 Nordkapp	14 834	7 000	9 289	9 848	10 510
11 Rissa	21 746	23 622	11 230	13 203	10 408
12 Kvænangen	5 193	2 572	2 349	4 840	8 816
13 Vadsø	9 061	5 559	8 003	9 400	8 560
14 Eigersund	10 486	9 456	11 842	13 126	8 338
15 Berlevåg	4 694	3 255	4 081	3 883	7 876
16 Måsøy	8 095	7 508	9 250	5 521	7 442
17 Hammerfest	6 324	5 791	7 160	9 263	7 303
18 Hasvik	14 094	5 431	10 136	5 973	6 541
19 Balsfjord	7 245	5 846	6 504	7 532	6 409
20 Agdenes	20 301	23 701	5 295	6 439	6 004

11. Sea fishing. Number of fishermen and catch, by fishing gear used, by county. 2007. Kg

	Number of fishermen	Catch, total	Wedge-shaped seine	Bend net
1996	3 211	530 516	342 729	187 784
1997	2 023	405 039	294 462	110 577
1998	1 908	420 755	293 603	127 152
1999	1 793	494 212	332 577	161 636
2000	1 737	638 526	432 998	205 528
2001	1 890	709 590	485 823	223 767
2002	1 805	607 172	428 078	179 094
2003	1 720	607 560	459 482	148 079
2004	1 582	482 495	388 124	94 370
2005	1 506	477 149	340 976	136 172
2006	1 380	522 654	380 920	141 735
2007	1 360	438 034	280 707	157 327
2007				
Østfold	14	688	240	448
Buskerud	8	1 067	1 067	-
Vestfold og Telemark ..	18	2 194	2 194	-
Aust-Agder	11	2 345	2 345	-
Vest-Agder	94	13 087	13 087	-
Rogaland	90	22 314	22 314	-
Hordaland	34	8 429	8 429	-
Sogn og Fjordane	54	6 677	:	:
Møre og Romsdal	111	27 589	:	:
Sør-Trøndelag	89	52 034	52 034	-
Nord-Trøndelag	83	38 505	38 505	-
Nordland	143	22 186	:	:
Troms Romsa	128	47 064	47 064	-
Finmark Finnmarku ...	483	193 855	38 823	155 032

12. Sea fishing. Catch, by weight of fish and week¹. 2007. Kg

Week	Catch, total	Salmon				Sea trout
		Total	Less than 3 kg	3-7 kg	Over 7 kg	
Total	438 034	428 185	55 541	219 329	153 315	9 848
20	2 041	2 039	79	809	1 151	2
21	2 007	2 007	200	877	930	-
22	6 762	6 724	540	3 290	2 894	38
23	40 868	40 210	3 453	20 930	15 827	659
24	46 210	45 266	5 461	23 166	16 639	944
25	67 530	66 077	8 982	33 483	23 612	1 453
26	63 991	62 532	7 939	29 258	25 335	1 459
27	65 390	63 242	8 756	31 489	22 997	2 148
28	53 454	52 104	7 329	28 054	16 721	1 350
29	36 464	35 581	4 504	19 380	11 698	883
30	30 606	29 986	4 369	16 713	8 904	620
31	18 814	18 579	3 081	9 863	5 635	235
32	246	240	10	148	82	6
33	145	143	14	80	49	3
Unspecified	3 505	3 457	824	1 791	842	49

¹ The time period ended at 4 August 2007. Some areas had permission to continue fishing in week 32 and 33.

13. Sea fishing. Catch, by county and week¹. 2007 Kg

Week	Catch, total	Østfold	Buskerud	Vestfold og Telemark	Aust-Agder	Vest-Agder	Rogaland	Hordaland
19	-	-	-	-	-	-	-	-
20	2 041	19	-	-	-	-	-	-
21	2 007	16	-	-	-	-	-	-
22	6 762	77	5	5	39	116	25	29
23	40 868	23	87	136	417	1 485	605	170
24	46 210	45	65	235	332	1 688	522	154
25	67 530	23	61	208	515	1 370	2 781	273
26	63 991	88	73	220	289	2 266	1 722	194
27	65 390	92	210	222	196	2 135	2 876	319
28	53 454	78	111	298	293	1 681	5 058	2 087
29	36 464	118	151	373	153	1 028	3 653	1 573
30	30 606	31	126	225	89	803	3 097	2 143
31	18 814	63	178	273	24	503	1 803	1 263
32	246	15	-	-	-	-	-	-
33	145	-	-	-	-	-	-	-
Unspecified	3 505	-	-	-	-	13	172	225
		Sogn og Fjordane	Møre og Romsdal	Sør-Trøndelag	Nord-Trøndelag	Nordland	Troms Romsa	Finnmark Finnmárku
Total	6 677	27 589	52 034	38 505	22 186	47 064	193 855	
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	2 022	-
21	-	-	-	-	-	-	1 991	-
22	-	-	333	571	24	-	5 536	-
23	207	1 223	5 891	7 244	253	-	23 128	-
24	334	1 652	5 600	6 643	436	-	28 506	-
25	366	3 333	8 013	4 841	969	9 667	35 111	-
26	392	4 681	6 567	5 447	908	9 580	31 566	-
27	221	3 294	6 288	3 589	7 004	8 505	30 439	-
28	2 023	3 768	6 280	3 109	4 506	5 479	18 683	-
29	1 221	3 803	5 846	2 565	3 638	6 346	5 998	-
30	1 187	3 437	4 670	2 174	2 626	4 247	5 754	-
31	670	2 323	2 388	1 973	1 447	2 864	3 041	-
32	-	-	-	-	-	231	-	-
33	-	-	-	-	-	145	-	-
Unspecified	56	75	158	349	377	-	2 081	-

¹ The time period ended at 4 August 2007. Some areas had permission to continue fishing in week 32 and 33.

14. Sea and river fishing. Quantity of catch, by county. 2007

	Catch from sea fishing						
	Catch, total	Salmon					Sea trout
		Total	Total	Less than 3 kg	7 kg and over		
					3-7 Kg	kg and over	
Kg							
The whole country	853 335	438 034	428 185	55 541	219 329	153 315	9 848
County							
01 Østfold	2 249	688	664	29	504	131	24
02/03 Akershus og Oslo	568	-	-	-	-	-	-
06 Buskerud	10 246	1 067	770	68	512	190	297
07/08 Vestfold og Telemark	13 441	2 194	2 063	152	1 496	415	132
09 Aust-Agder	3 704	2 345	2 243	102	1 809	332	103
10 Vest-Agder	32 062	13 087	12 713	1 548	9 456	1 710	374
11 Rogaland	66 884	22 314	22 110	2 485	14 668	4 958	204
12 Hordaland	19 689	8 429	8 077	744	5 460	1 874	352
14 Sogn og Fjordane	28 755	6 677	6 533	543	4 627	1 363	144
15 Møre og Romsdal	48 350	27 589	26 559	2 672	14 170	9 717	1 030
16 Sør-Trøndelag	104 034	52 034	51 068	4 686	28 860	17 523	966
17 Nord-Trøndelag	70 553	38 505	37 146	4 629	17 352	15 165	1 358
18 Nordland	60 709	22 186	19 242	3 716	10 674	4 852	2 944
19 Troms Romsa	78 766	47 064	46 539	5 945	21 510	19 084	526
20 Finnmark Finnmárku	313 325	193 855	192 459	28 223	88 233	76 003	1 396
	Catch from river fishing						
	Total kg	In per cent of catch total	Salmon			Sea trout and migratory char	
			Total	Less than 3 kg	Kg		
					3-7 kg		Over 7 kg
Heile landet	415 301	49	340 582	84 634	144 601	111 347	74 719
Fylke							
01 Østfold	1 561	69	1 490	166	784	541	71
02/03 Akershus og Oslo	568	100	177	52	117	7	391
06 Buskerud	9 179	90	7 311	517	3 718	3 076	1 868
07/08 Vestfold og Telemark	11 247	84	10 791	894	7 512	2 385	455
09 Aust-Agder	1 359	37	811	297	459	54	548
10 Vest-Agder	18 975	59	17 599	5 968	10 006	1 625	1 376
11 Rogaland	44 570	67	42 661	15 468	21 568	5 625	1 909
12 Hordaland	11 260	57	7 914	1 579	4 718	1 618	3 346
14 Sogn og Fjordane	22 078	77	15 786	1 817	6 882	7 086	6 293
15 Møre og Romsdal	20 761	43	15 470	4 552	7 138	3 780	5 291
16 Sør-Trøndelag	52 000	50	50 443	8 065	18 321	24 058	1 557
17 Nord-Trøndelag	32 048	45	28 993	8 920	8 934	11 139	3 056
18 Nordland	38 523	63	17 359	6 492	7 790	3 076	21 165
19 Troms Romsa	31 702	40	16 719	4 207	6 584	5 928	14 983
20 Finnmark Finnmárku	119 470	38	107 061	25 640	40 072	41 349	12 409

15. Fishing for escaped farmed fish. Catch, by weight of fish and county. 2007/2008. Kg

	Catch, total	Salmon				Sea trout
		Total	Less than 3 kg	3-7 kg	Over 7 kg	
1997/1998 ¹	35 470	33 083	12 515	19 324	1 244	2 387
1998/1999 ¹	40 951	39 333	8 186	26 981	4 166	1 617
1999/2000	36 282	35 136	7 550	24 466	3 120	1 146
2000/2001	37 827	36 456	11 126	22 566	2 764	1 372
2001/2002	28 468	27 648	8 790	16 582	2 276	821
2002/2003	33 210	32 510	10 990	18 907	2 613	700
2003/2004	22 290	21 540	6 129	14 057	1 354	750
2004/2005	20 904	20 201	7 150	12 086	966	703
2005/2006	16 598	16 095	5 111	9 544	1 440	503
2006/2007	19 915	19 287	5 598	11 643	2 046	629
2007/2008	17 276	16 541	3 501	10 563	2 477	736
2007/2008						
Rogaland	:	:	:	:	:	:
Hordaland	5 421	5 310	1 428	3 488	394	111
Sogn og Fjordane	1 177	1 149	238	709	202	29
Møre og Romsdal	:	:	:	:	:	:
Sør-Trøndelag	333	333	92	91	151	-
Nord-Trøndelag	825	823	21	648	154	2
Nordland	6 376	5 800	920	3 709	1 172	575
Troms Romsa	2 881	2 863	666	1 815	383	18

¹ In addition 670 kg in 1997/1998 and 397 kg in 1998/1999 were caught by other fishing gears.

16. Fishing for escaped farmed fish. Catch by fishing gear used and average weight, by county. 2007/2008. Kg

	Catch				Average weight	
	Total	Wedge-shaped seine	Bend net	Set net ¹	Salmon	Sea trout
1997/1998 ²	35 470	5 011	30 459	..	3.1	2.5
1998/1999 ²	40 951	6 017	34 934	..	3.7	2.1
1999/2000	36 282	3 928	21 753	10 602	3.7	2.3
2000/2001	37 827	8 978	22 303	6 547	3.4	2.3
2001/2002	28 468	6 415	15 168	6 885	3.4	2.3
2002/2003	33 210	7 053	17 163	8 993	3.2	2.1
2003/2004	22 290	5 713	12 737	3 840	3.5	2.2
2004/2005	20 904	5 381	10 456	5 068	3.1	2.3
2005/2006	16 598	5 736	7 542	3 320	3.3	2.0
2006/2007	19 915	5 507	9 231	5 177	3.5	2.6
2007/2008	17 276	4 907	8 488	3 881	3.9	2.5
2007/2008						
Rogaland	:	:	:	-	:	:
Hordaland	5 421	1 556	1 457	2 408	3.5	2.0
Sogn og Fjordane	1 177	:	:	-	4.0	2.2
Møre og Romsdal	:	:	:	-	:	:
Sør-Trøndelag og						
Nord-Trøndelag	1 158	549	477	132	4.9	2.0
Nordland	6 376	1 303	4 069	1 004	4.2	2.7
Troms Romsa	2 881	484	2 060	337	3.7	2.2

¹ As from 1999 set net fishing is specified. ² In addition 670 kg in 1997/1998 and 397 kg in 1998/1999 were caught by other fishing gears.

17. Sea fishing. Total catch¹ of salmon and sea trout in Nordic countries. 1971-2007. Tonnes

	Denmark	Finland	Norway	Sweden
1971	1 882	623	1 704	503
1972	1 653	699	1 867	505
1973	1 766	640	1 860	789
1974	1 915	747	1 540	783
1975	1 862	693	1 500	750
1976	1 691	686	1 099	711
1977	1 219	699	1 181	707
1978	882	538	815	575
1979	987	558	1 527	630
1980	1 129	668	1 561	666
1981	1 160	799	1 379	489
1982	1 021	976	1 087	588
1983	1 174	1 065	1 274	587
1984	1 451	1 545	1 355	791
1985	1 554	1 433	1 270	1 068
1986	889	1 537	1 329	995
1987	1 012	1 676	1 048	1 040
1988	849	846	859	878
1989 ²	923	1 272	507	1 325
1990	840	2 389	534	1 335
1991	698	2 268	482	998
1992	705	2 118	437	1 166
1993	650	1 838	587	1 038
1994	795	1 165	665	771
1995	640	1 288	535	478
1996	593	1 127	536	648
1997	543	1 192	413	525
1998	543	842	433	719
1999	487	715	500	471
2000	477	704	638	507
2001	485	536	709	349
2002	356	513	607	282
2003	480	346	607	204
2004	401	558	482	439
2005	217	527	477	547
2006*	..	..	523	207
2007*	..	..	438	193

¹Inclusive by-catch from other fisheries and salmonid fishing beyond the Norwegian fishing zone for the years such fishing was permitted (up to 1975). ²From 1989 drift net fishing is forbidden.