

Salmon and Sea Trout Fisheries 2008

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>.

The publication has been prepared under the supervision of Ms. Madli Judin and Ms. Anne Turi Baklien. Responsible Head of Division is Ole Osvald Moss, Division for Primary Industry Statistics.

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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 selects the updated register of fishermen from Sjøfangstregisteret. 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

As from 2008 the salmon fisheries with stationary gear in the sea have been strongly regulated. The reduction of the fishing season led to less catch in most of the counties.

In 2008, total catch of salmon and sea trout was 388 tonnes, of which 382 tonnes were salmon.

The average weight of salmon caught in 2008 was 4.8 kilos. 17 per cent of the salmon was under 3 kilos, 42 per cent between 3-7 kilos and 41 per cent over 7 kilos. Catch of pink salmon are included in salmon under 3 kilos.

5.2. River fisheries

In 2008, total catch of salmon, sea trout and migratory char was 482 tonnes, of which 425 tonnes were salmon. Tana was the most important watercourse in 2008, with a total catch of 55 tonnes, followed by Gaulavassdraget, Namsenvassdraget, Altaelva and Orkla.

The average weight of salmon caught in 2008 was 3.8 kilos. 25 per cent of the salmon was under 3 kilos, 36 per cent between 3-7 kilos and 39 per cent over 7 kilos.

5.3. Fishing for escaped farmed salmon 2008/2009

The total catch of escaped farmed fish was 21.5 tonnes, of which 21.2 tonnes were salmon and 0.3 tonnes were sea trout. The average weight for salmon was 3.7 kilos, and for sea trout 2.6 kilos.

11.5 tonnes of escaped farmed fish was taken with bend nets, 2.5 tonnes with set nets and 7.6 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 2008 is calculated to 28 per cent of the sea catch along the coast and 25 per cent in the fjord areas. The share of escaped farmed salmon of angling in rivers is calculated to 9 per cent in 2008.

6. Additional information

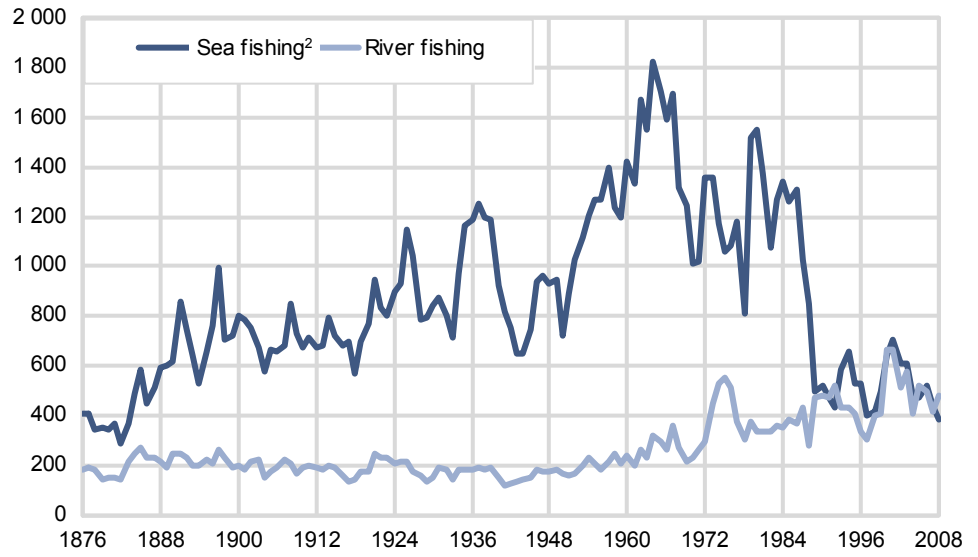
6.1. Internet dissemination

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

If you want more information, please contact Anne Turi Baklien, telephone + 47 62 88 52 30, e-mail: anne.turi.baklien@ssb.no or Berit Storbråten, telephone + 47 62 88 51 16, e-mail: berit.storbraten@ssb.no.
Telefax: + 47 62 88 50 61.
Address: Statistics Norway, Division for Primary Industry Statistics, 2225 Kongsvinger.

Figure 1. Sea and river fishing for salmon, sea trout and migratory shar. 1876-2008¹



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

Figure 2. River fishing. Catch of salmon, sea trout and migratory char in rivers/water courses with the biggest catch in 2008. Kg

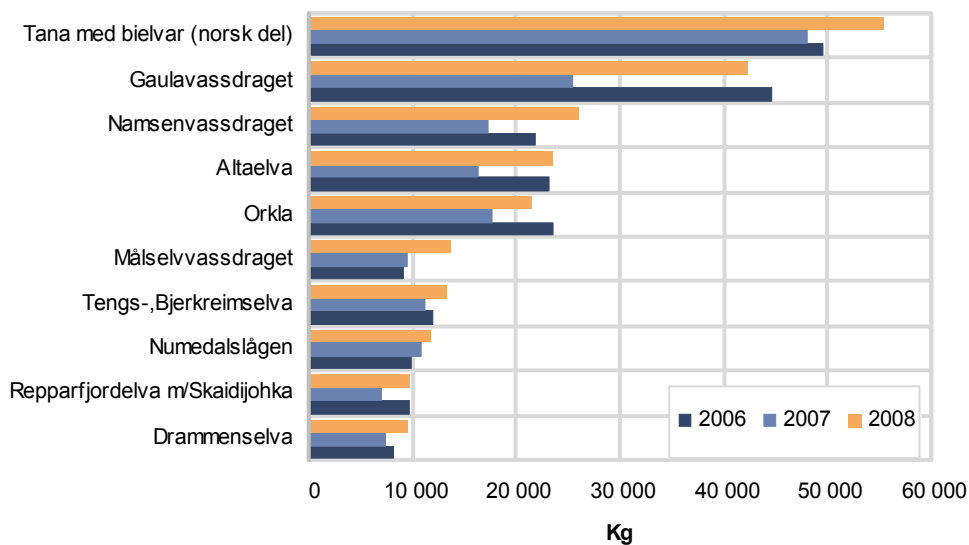


Figure 3. Sea fishing. Catch of salmon and sea trout in municipalities with the biggest catch in 2008. Kg

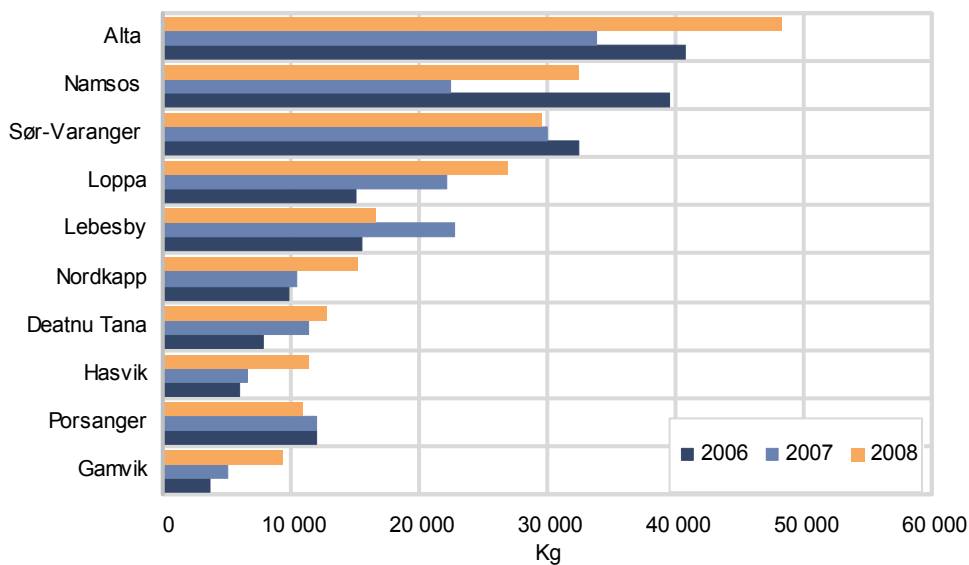


Figure 4. River fishing. Catch of salmon, sea trout and migratory char, by county. 2004-2008. Kg.

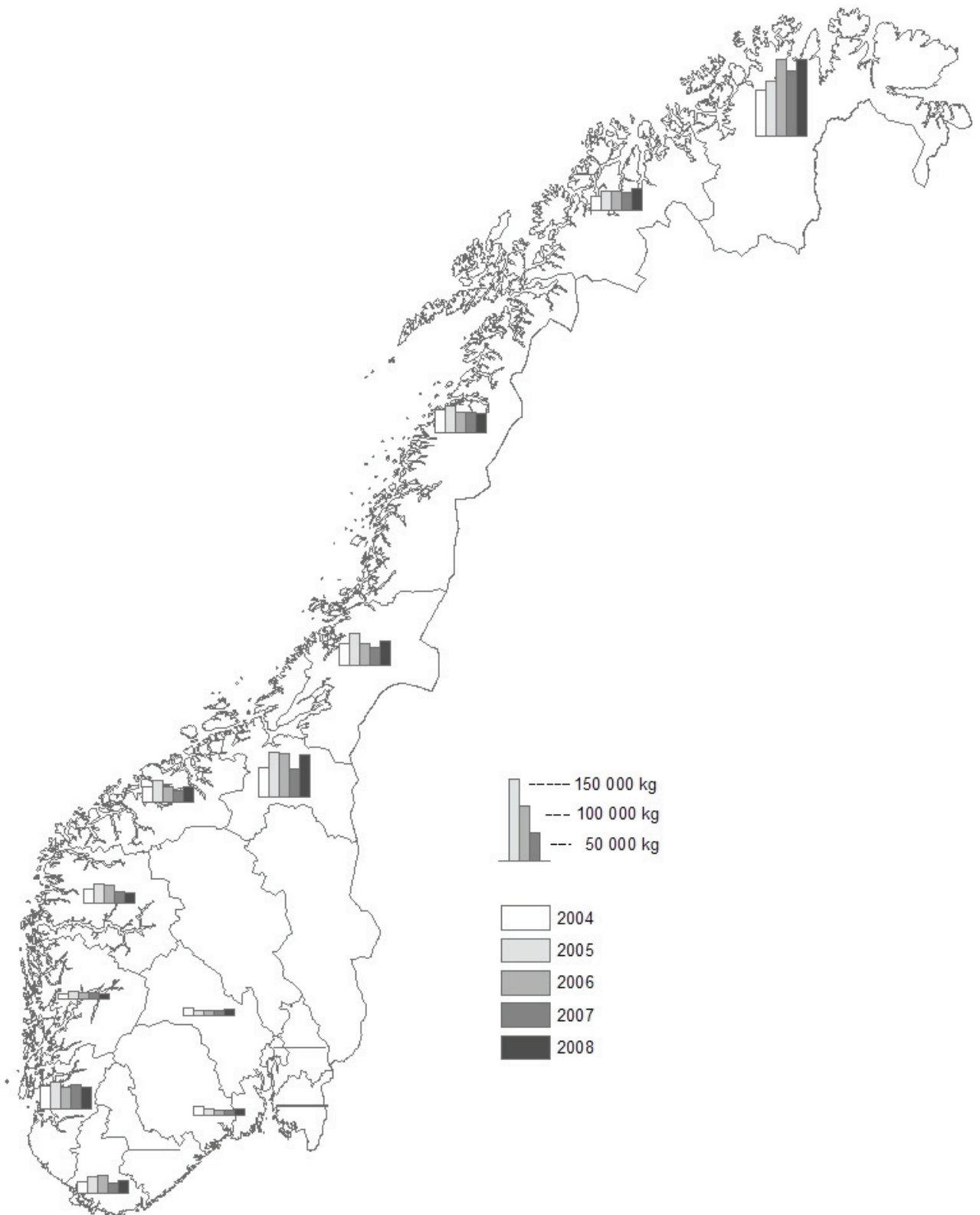
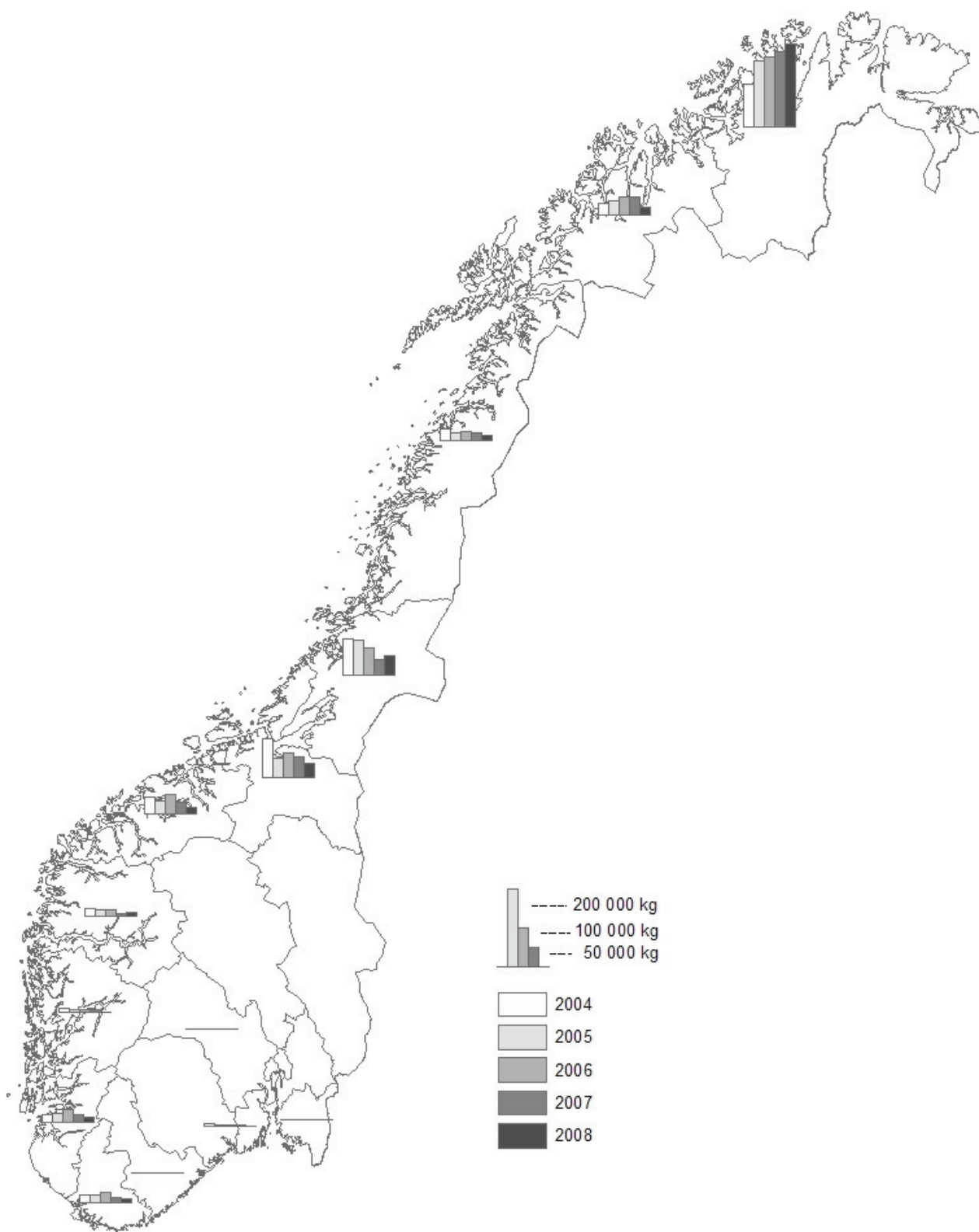


Figure 5. Sea fishing. Catch of salmon and sea trout, by county. 2004-2008. Kg



1. Salmon and sea trout fishing, 1876-2008. Tonnes

Year	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. (cont.). Salmon and sea trout fishing. 1876-2008. Tonnes

Year	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
2008	870	388	482

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 chart. 1 and 4.

2. Sea and river fishing for salmon. Catch, by size of fish and county. 2002-2008. Tonnes

	2002	2003	2004	2005	2006	2007	2008
Salmon, total	1 019	1 071	788	890	932	769	808
Less than 3 kg	249	363	208	307	261	140	171
3 kg and over	770	708	580	583	671	629	637
County							
Østfold	3	3	2	3	3	2	3
Akershus og Oslo	0	0	0	0	0	0	0
Buskerud	12	18	16	12	10	8	10
Vestfold	29	}27	21	}17	}15	}13	12
Telemark	2		1				1
Aust-Agder	3	3	3	2	4	3	1
Vest-Agder	37	41	36	46	53	30	31
Rogaland	53	77	60	71	71	65	54
Hordaland	19	22	15	16	15	16	8
Sogn og Fjordane	31	33	34	42	41	22	24
Møre og Romsdal	66	58	62	61	69	42	39
Sør-Trøndelag	156	184	150	129	141	102	110
Nord-Trøndelag	117	166	126	140	99	66	92
Nordland	66	59	44	39	38	37	32
Troms Romsa	78	66	39	53	67	63	47
Finnmark Finnmarku	347	313	180	258	305	300	342

3. Sea and river fishing. Average weight of salmon, by county. 2001-2008. Kg

	2001	2002	2003	2004	2005	2006	2007	2008
Salmon, total								
The whole country	3.5	3.9	3.5	3.7	3.4	3.5	4.1	4.2
Salmon caught in sea								
The whole country	3.8	4.3	3.7	4.1	4.1	4.2	4.8	4.8
Østfold	4.2	4.4	4.4	5.4	4.8	4.8	4.9	4.8
Akershus og Oslo	-	-	-	-	-	-	-	-
Buskerud	4.3	4.0	4.7	5.2	5.2	5.1	4.6	5.8
Vestfold	3.7	4.2	}4.7	4.8	}4.6	}4.5	}4.8	4.6
Telemark	3.7	3.6		5.0				-
Aust-Agder	4.1	4.4	4.7	4.8	4.0	4.4	4.7	4.0
Vest-Agder	2.8	3.0	3.4	3.7	3.2	4.0	4.2	4.1
Rogaland	3.0	3.1	3.5	3.1	3.0	3.7	4.5	3.9
Hordaland	3.8	3.8	4.2	4.0	3.8	4.1	4.7	5.8
Sogn og Fjordane	3.5	4.2	3.8	3.9	4.0	4.3	4.7	4.5
Møre og Romsdal	3.4	4.3	3.8	3.5	3.9	4.4	4.8	4.1
Sør-Trøndelag	3.5	4.6	3.7	5.2	4.5	4.2	5.0	4.2
Nord-Trøndelag	3.7	4.4	3.2	4.4	3.8	4.2	5.0	4.2
Nordland	3.4	3.7	3.3	3.3	3.6	3.5	4.1	4.1
Troms Romsa	4.3	4.6	4.1	4.0	4.3	4.0	5.1	4.0
Finnmark Finnmarku	4.6	4.6	4.2	4.0	4.5	4.3	4.7	5.4
Salmon caught in rivers								
The whole country	3.2	3.6	3.3	3.3	2.9	3.0	3.5	3.8
Østfold	4.5	4.3	4.9	4.1	4.8	4.9	4.7	5.3
Akershus og Oslo	2.3	2.3	2.2	2.4	1.7	1.9	2.9	2.6
Buskerud	4.4	3.8	4.6	5.6	5.5	4.1	5.4	5.3
Vestfold	3.8	3.4	4.4	4.4	4.5	3.7	4.7	5.0
Telemark	2.8	2.3	3.0	2.8	2.7	3.0	3.1	3.3
Aust-Agder	2.3	2.2	1.9	2.7	1.7	1.9	2.7	2.9
Vest-Agder	2.2	2.4	2.5	2.3	2.1	2.3	2.8	2.9
Rogaland	2.4	2.3	2.4	2.4	2.1	2.3	2.9	3.0
Hordaland	3.0	3.5	3.1	3.0	2.6	3.1	3.6	3.9
Sogn og Fjordane	3.4	3.6	3.1	3.2	3.2	3.9	4.8	3.8
Møre og Romsdal	2.5	3.4	2.5	2.8	2.7	3.5	3.2	3.5
Sør-Trøndelag	3.2	4.3	3.5	4.6	3.7	3.5	4.2	4.5
Nord-Trøndelag	3.3	3.2	2.8	3.6	2.7	3.1	2.8	3.6
Nordland	2.4	2.7	2.6	2.8	2.2	2.3	2.7	3.4
Troms Romsa	3.5	3.8	3.9	3.2	2.8	2.8	3.9	4.3
Finnmark Finnmarku	4.0	4.2	4.2	3.5	3.1	2.9	3.8	3.9

4. Sea and river fishing. Total catch. 1976-2008. Kg

	Catch, total	Sea fishing ¹					Sea trout and migratory char ²
		Total	Salmon			Sea trout and migratory char ²	
			Total	Less than 3 kg	3 kg and over		
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	
2008	869 728	388 160	382 034	64 586	317 448	6 126	

	River fishing					Sea trout and migratory char
	Total	In per cent of catch, total	Salmon			
			Total	Less than 3 kg	3 kg and over	
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
2008	481 568	55	425 230	106 067	319 163	56 338

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 chapt. 1 and 4.

5. Sea fishing. Catch, by fishing gear used. 1966-2008.

	Catch, total		Casting net	Set net	Wedgesha ped seine	Bend net	Statio- ned lift net	Drift net	Others
	Tonnes	Per cent							
1966	1 594	100	..	..	69	..	2	..	..
1967	1 692	100	..	3	65	8	1	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	-	-	-
2008	388	100	-	-	58	42	-	-	-

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. 2006-2008.

	2006		2007		2008	
	Wedge shaped seine	Bend net ²	Wedge shaped seine	Bend net ²	Wedge shaped seine	Bend net ²
Total	1 283	684	1 303	669	958	655
Østfold	7	17	8	16	7	:
Buskerud	10	-	11	-	4	-
Vestfold	24	-	24	-	10	-
Telemark	15	-	15	-	9	-
Aust-Agder	133	-	134	-	126	:
Vest-Agder	92	-	107	-	88	-
Rogaland	41	-	43	-	8	-
Hordaland	71	:	55	:	47	-
Sogn og Fjordane	126	5	136	:	99	:
Møre og Romsdal	110	-	111	-	96	-
Sør-Trøndelag	151	:	132	-	116	-
Nord-Trøndelag	174	5	158	:	90	-
Nordland	148	-	159	-	84	-
Troms Romsa	181	652	210	643	174	639
Finnmark Finnmarku						

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. 2008.

	Number of fish				Average weight				
	Salmon			Sea trout and migratory char	Salmon				Sea trout and migratory char
	Less than 3 kg	3-7 kg	7 kg and over		Total	Less than 3 kg	3-7 kg	7 kg and over	
Kg									
The whole country	61 049	33 651	17 566	56 522	3,8	1,7	4,5	9,5	1,0
Østfold	64	189	81	21	5,3	2,1	4,6	9,2	1,3
Akershus og Oslo	72	34	1	235	2,6	1,9	4,0	8,5	1,1
Buskerud	492	863	519	1 124	5,3	1,8	4,7	9,5	1,1
Vestfold	480	1 325	502	281	5,0	1,8	4,6	8,8	1,2
Telemark	130	149	5	6	3,3	2,1	4,1	9,1	1,0
Aust-Agder	173	115	14	250	2,9	1,6	4,1	8,3	0,9
Vest-Agder	4 292	2 880	219	818	2,9	1,8	4,1	8,5	1,2
Rogaland	7 858	4 460	676	946	3,0	1,8	4,2	8,7	1,0
Hordaland	666	869	173	2 519	3,9	1,9	4,6	8,4	1,0
Sogn og Fjordane	1 980	1 439	530	2 169	3,8	1,8	4,7	8,9	1,7
Møre og Romsdal	3 524	2 364	632	4 342	3,5	1,7	4,6	8,8	1,3
Sør-Trøndelag	7 855	4 752	4 029	1 668	4,5	1,7	5,1	9,3	1,0
Nord-Trøndelag	6 332	3 615	1 868	2 216	3,6	1,5	4,4	9,1	1,1
Nordland	3 462	1 860	729	16 046	3,4	1,7	4,6	8,8	1,0
Troms Romsa	3 332	1 651	1 314	13 317	4,3	1,9	5,0	9,5	0,8
Finmark Finnmarku	20 337	7 086	6 274	10 564	3,9	1,8	4,5	10,0	0,9

8. Sea fishing. Number of fish and average weight, by county. 2008

	Number of fish				Average weight				
	Salmon			Sea trout	Salmon				Sea trout
	Less than 3 kg	3-7 kg	7 kg and over		Total	Less than 3 kg	3-7 kg	7 kg and over	
Kg									
The whole country	28 407	35 453	16 561	2 611	4,8	2,3	4,6	9,4	2,3
Østfold	24	161	23	10	4,8	2,6	4,6	8,5	3,3
Buskerud	1	25	7	2	5,8	2,0	4,6	10,7	2,5
Vestfold	34	126	23	16	4,6	2,6	4,4	8,9	2,4
Aust-Agder	35	108	9	20	4,0	2,3	4,2	8,7	2,6
Vest-Agder	634	1 566	147	113	4,1	2,4	4,4	8,5	2,2
Rogaland	1 406	2 155	293	82	3,9	2,2	4,3	9,0	3,2
Hordaland	28	143	73	122	5,8	2,5	4,8	9,1	2,4
Sogn og Fjordane	469	1 332	248	65	4,5	2,4	4,5	8,9	3,0
Møre og Romsdal	1 417	2 089	447	155	4,1	2,3	4,4	8,9	3,0
Sør-Trøndelag	3 762	3 500	1 181	205	4,2	2,3	4,6	8,9	2,1
Nord-Trøndelag	5 121	5 078	1 631	660	4,2	2,2	4,6	9,1	1,9
Nordland	1 082	1 326	303	490	4,1	2,3	4,4	9,0	2,5
Troms Romsa	2 745	1 521	718	61	4,0	2,3	4,7	9,4	2,5
Finmark Finnmarku	11 649	16 323	11 458	610	5,4	2,3	4,6	9,6	2,4

9. River fishing. Catch of salmon, sea trout and migratory char in rivers/water courses with the biggest catch in 2008. Kg

	2004	2005	2006	2007	2008
1 Tana med bielvar (norsk del)	35 813	33 816	49 648	48 054	55 375
2 Gaulavassdraget	27 202	37 497	44 665	25 487	42 416
3 Namsenvassdraget	23 630	34 100	21 832	17 355	26 067
4 Altaelva	12 063	17 773	23 133	16 280	23 547
5 Orkla	17 703	26 447	23 529	17 704	21 526
6 Målselvvassdraget	7 493	8 730	9 104	9 552	13 687
7 Tengs-,Bjerkreimselva	10 609	13 797	11 985	11 180	13 225
8 Numedalslågen	15 750	12 152	9 888	10 796	11 778
9 Repparfjordelva m/Skaidijohka	3 795	6 902	9 620	6 996	9 625
10 Drammenselva	13 728	9 881	8 146	7 323	9 402
11 Reisavvassdraget (Nordreiselva)	2 712	4 219	6 863	5 028	9 030
12 Mandalselva	7 130	11 655	12 635	7 199	8 214
13 Otra	5 885	10 076	10 804	6 063	8 079
14 Neidenelva (norsk del)	4 912	5 661	9 133	5 181	7 580
15 Lakselva i Porsanger	4 133	6 204	4 711	7 268	6 932
16 Stjørdalselva m/Sona	5 254	6 286	6 092	5 634	6 931
17 Beiarvassdraget	7 685	7 252	5 732	5 917	6 321
18 Stabburselva Vesterbotn	2 063	2 760	4 648	3 545	5 454
19 Vefsnvassdaget	8 134	7 772	4 822	5 450	5 350
20 Vestre Jakobselv	2 696	2 867	5 448	4 605	4 476

10. Sea fishing. Catch of salmon and sea trout in municipalities with the biggest catch in 2008. Kg

	2004	2005	2006	2007	2008
1 Alta	15 913	44 590	40 768	33 859	48 282
2 Namsos	63 157	58 647	39 470	22 443	32 398
3 Sør-Varanger	20 886	22 844	32 521	30 026	29 596
4 Loppa	8 325	12 178	15 080	22 085	26 854
5 Lebesby	5 767	15 413	15 594	22 846	16 583
6 Nordkapp	7 000	9 289	9 848	10 510	15 247
7 Deatnu - Tana	8 556	7 471	7 892	11 440	12 828
8 Hasvik	5 431	10 136	5 973	6 541	11 348
9 Porsanger	5 211	11 435	11 941	11 947	10 868
10 Gamvik	2 529	2 154	3 642	5 058	9 401
11 Rissa	23 622	11 230	13 203	10 408	9 333
12 Eigersund	9 456	11 842	13 126	8 338	7 770
13 Namdalseid	7 185	12 045	8 644	4 637	6 887
14 Vadsø	5 559	8 003	9 400	8 560	6 829
15 Måsøy	7 508	9 250	5 521	7 442	6 694
16 Hammerfest	5 791	7 160	9 263	7 303	6 693
17 Lenvik	6 279	12 337	12 006	14 055	5 985
18 Trondheim	17 020	8 726	9 135	12 948	5 970
19 Berlevåg	3 255	4 081	3 883	7 876	5 003
20 Balsfjord	5 846	6 504	7 532	6 409	4 227

11. Sea fishing. Number of fishermen and catch, by fishing gear used, by county. 2008. 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
2008	1 089	388 160	223 997	164 164
2008				
Østfold	14	1 033	:	:
Buskerud	4	198	198	-
Vestfold	6	879	879	-
Aust-Agder	7	660	:	:
Vest-Agder	89	9 860	9 846	-
Rogaland	74	15 387	15 387	-
Hordaland	3	1 705	1 705	-
Sogn og Fjordane	45	9 501	9 501	-
Møre og Romsdal	79	16 862	:	:
Sør-Trøndelag	74	35 695	35 695	-
Nord-Trøndelag	66	50 956	50 956	-
Nordland	81	12 343	12 343	-
Troms Romsa	75	20 292	20 292	-
Finnmark Finnmarku	472	212 788	49 530	163 259

12. Sea fishing. Catch, by weight of fish and week. 2008. Kg

Week	Catch, total	Salmon			Sea trout	
		Total	Less than 3 kg	3-7 kg		Over 7 kg
Total	388 160	382 034	64 586	161 474	155 974	6 126
21	655	653	37	151	466	2
22	2 588	2 588	129	971	1 489	-
23	17 476	17 374	1 401	7 040	8 932	102
24	29 804	29 686	3 006	12 102	14 578	118
25	50 302	49 453	5 571	21 517	22 366	848
26	54 298	53 442	7 172	20 151	26 118	856
27	60 388	59 160	9 420	23 246	26 493	1 229
28	50 792	50 009	10 114	20 890	19 004	783
29	48 996	47 920	11 017	21 805	15 098	1 075
30	36 461	35 798	8 480	16 815	10 503	664
31	28 082	27 707	7 120	13 082	7 505	375
32	1 212	1 166	145	508	512	47
Unspecified ¹	7 107	7 079	973	3 196	2 910	28

¹ Some areas had permission to fish beyond the ordinary time period. These catches are included in unspecified week.

13. Sea fishing. Catch, by county and week. 2008 Kg

Week ¹	Catch, total	Østfold	Buskerud	Vestfold	Aust-Agder	Vest-Agder	Rogaland	Hordaland
Total	388 160	1 033	198	879	660	9 860	15 387	1 705
21.....	655	37	-	-	-	-	-	2
22.....	2 588	50	-	-	-	-	-	-
23.....	17 476	65	-	-	-	-	-	12
24.....	29 804	44	-	-	-	-	-	180
25.....	50 302	143	60	230	146	2 104	8	151
26.....	54 298	109	49	159	147	1 339	13	89
27.....	60 388	107	27	197	139	1 802	1 396	198
28.....	50 792	146	42	106	125	1 895	2 278	295
29.....	48 996	119	19	187	95	2 519	4 397	212
30.....	36 461	93	-	-	9	38	3 693	207
31.....	28 082	49	-	-	-	13	3 373	234
32.....	1 212	52	-	-	-	-	228	127
Unspecified	7 107	19	-	-	-	150	-	-
	Sogn og Fjordane	Møre og Romsdal	Sør-Trøndelag	Nord-Trøndelag	Nordland	Troms Romsa	Finnmark Finnmarku	
Total	9 501	16 862	35 695	50 956	12 343	20 292	212 788	
21.....	-	-	-	8	-	-	608	
22.....	-	-	-	45	-	-	2 493	
23.....	309	-	-	92	94	-	16 904	
24.....	247	-	-	160	143	-	29 029	
25.....	825	-	762	11 512	293	-	34 068	
26.....	453	-	5 596	10 015	174	-	36 154	
27.....	518	2 733	7 792	9 681	339	16	35 444	
28.....	903	3 904	7 438	8 199	304	1 120	24 037	
29.....	2 488	4 103	4 969	4 274	4 656	7 529	13 430	
30.....	2 297	3 692	5 567	3 755	3 710	5 742	7 660	
31.....	1 301	2 377	3 528	3 167	2 482	5 623	5 935	
32.....	100	23	44	49	28	263	298	
Unspecified	60	30	-	-	121	-	6 726	

¹ Some areas had permission to fish beyond the ordinary time period. These catches are included in unspecified week.

15. Fishing for escaped farmed fish. Catch, by weight of fish and county. 2008/2009. 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
2008/2009	21 535	21 245	6 260	11 662	3 323	290
2008/2009						
Rogaland	:	:	:	:	:	:
Hordaland	3 004	2 958	839	1 869	250	46
Sogn og Fjordane	1 611	1 592	239	1 082	271	18
Møre og Romsdal	:	:	:	:	:	:
Sør-Trøndelag	311	311	76	206	29	-
Nord-Trøndelag	1 492	1 490	181	947	363	2
Nordland	5 232	5 111	1 216	3 123	772	121
Troms Romsa	9 234	9 161	3 627	3 937	1 597	74

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. 2008/2009. 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
2008/2009	21 535	7 622	11 459	2 453	3.7	2.6
2008/2009						
Rogaland	:	:	:	-	:	:
Hordaland	3 004	1 107	1 065	833	3.3	1.9
Sogn og Fjordane	1 611	1 405	206	-	4.2	2.0
Møre og Romsdal	:	:	:	-	:	:
Sør-Trøndelag og Nord-Trøndelag	1 803	590	799	413	4.4	2.0
Nordland	5 232	1 397	3 570	265	3.8	2.6
Troms Romsa	9 234	2 689	5 603	942	3.5	3.5

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. 1971-2008. Tonnes

Year	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	442	719
1999	487	715	508	471
2000	477	704	647	507
2001	485	536	708	349
2002	356	513	612	282
2003	480	346	617	204
2004	401	558	491	439
2005	217	527	487	547
2006	214	374	537	363
2007*	..	..	444	193
2008*	..	..	394	97

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 in Norway is forbidden.