

Agenda Item 6.3: Review of new information on bycatch

Fisheries Statistics submitted by Sweden

Submitted by: Secretariat



NOTE:
**IN THE INTERESTS OF ECONOMY, DELEGATES ARE KINDLY REMINDED TO BRING
THEIR OWN COPIES OF THESE DOCUMENTS TO THE MEETING**

Fisheries statistics from Sweden

S Königson

1. Bottom set gillnets

Type of fishery	Bottom set gillnet
Target species	Varied species
Reporting period	2006
Fishing season	Year round depending on species
Type of statistics	Catch per area and gear type from logbook
Fishing areas	ICES III a,b,c,d
Number of vessels	602
Total effort	unit m of net*hours

DIVISION	Totalt
3AN	35 498 870
3AS	115 550 740
3B	285 994 930
3C	92 000
3DN	31 453 260
3DS	1 535 190 900
Totalt	2 003 780 700

Catch

unit kg

SPECIES	3AN	3AS	3B	3C	3DN	3DS	Total
Eel					424	8 128	8 552
Brill	1 776	1 925	288			92	4 080
Catfish	0	0	0				0
Rockfishes	17 533	2 802	17				20 352
Bullheads sculp			0			64	64
Cod	29 244	14 568	646 343	276	9 807	2 266 806	2 967 044
Edible crab	7 870	23 382	172				31 424
Dab	221	1 164	1 168			30	2 583
Spurdog / spiny dogfish	102 960	136	18				103 114
Eel	0	20			599	6 575	7 194
Eelpout						45	45
Bream					4 089	695	4 784
Burbot					413	92	505
Flatfishes	4						4
Grayling					1		1
Ide, Orfe					95	22	117
Flounder	400	6 764	29 766		205	85 132	122 267
Perch	295	330	191		60 698	16 998	78 513
Pike			5		16 912	15 826	32 743
Zander (Pikeperch)					26 067	6 559	32 625
Roach					474		474
Ruffe							
Tench					20	5	25
Vendace (Cisco)					28 528	4	28 532
Tope	304						304
Garfish	10	590	50			0	650
European Eel	71				10	1 358	1 439
Grey Gurnard	3	207					210
Haddock	146	90	35				271
Halibut	22					14	36
Herring	34 491	6 331	173 444		778 865	19 720	1 012 851
Hake	102		0				102
Horse Mackerel			20				20
European lobster	2	0	0				2
Lemon Sole	396	7 393	81				7 869
Ling	426	129	0				555
Lumpfish	2 088	21 314	85 796			29	109 227
Mackerel	37 212	2 484	116			1	39 813
Monkfish	192						192
Four spined sculpin					3	6	9
Thick-lipped Mullet			88				88
Grey mullets		0					0
Bonefish	3	1				47	51
Norway lobster	55	27					82
Plaice	19 028	43 062	36 597			4 430	103 116
Poor cod						0	0
Saithe	11 238	124	16				11 378
Pollack	13 492	1 991	22				15 505
Blue/Common skate	0						0
Thornback Ray, Roker	38						38

Salmon			241	10 917	111 257	122 415
Skates, rays	22	15				37
Smelt				110		110
Sole	933	13 472	984			15 389
Sprat	8 866				0	8 866
Rainbow Trout				285		285
Trout	4	30	103	4 788	4 807	9 732
Turbot	394	5 737	440	4	27 545	34 120
Unknown Catches	873	122	6 457	9 271	22 166	38 889
Tusk	108					108
Greater Weever	7					7
Whitefish, Houting, Powan	937	658		84 551	17 141	103 287
Whiting	569	151	81		11 608	12 409
Witch	783	63				846
Total	293 167	183 069	1 007 944	276 2 811 011	3 664 983	7 960 450

Discard 23,9 ton of fish. No harbour porpoise recorded in logbook.

2. Driftnet

Type of fishery	Driftnets
Target species	Salmon in the Baltic
Reporting period	2006
Fishing season	salmon year round
Type of statistics	catch per area and gear type from logbooks
Fishing area	III d
Number of vessels	28
Total effort	unit m of net*hour

DIVISION	Total
3DN	8 931 000
3DS	101 209 750
Total	110 140 750

Catch	Unit kg			
	3DN	3DS	3AN	Total
SPECIES				
Cod			3	3
European Eel			71	71
Mackerel			340	340
Unknown Catches		613		613,4
Trout	0	3 205		3205,2
Salmon	9 820	110 930		120749,7
Total	9 820	477 984	420	488223,3

Discard 0 kg, 3 seals reported by-caught

3 Trawling

Type of fishery	bottom otter trawl and pelagic trawls
Target species	sprat, herring, sandeel, cod ...
Reporting period	2006
Fishing season	Year round
Type of statistics	catch per area and type of gear from loggbook
Fishing area	III a,b,c,d and IV a,b
Number of vessels	342
Total effort	unit trawling hours

DIVISION	Totalt
2A	12
3AN	124 666
3AS	40 499
3B	349
3C	15
3DN	7 699
3DS	97 579
4A	4 626
4B	6 313
Totalt	282 919

Catch SPECIES	unit kg									Total
	2A	3AN	3AS	3B	3C	3DN	3DS	4A	4B	
Bass				1						1
Deal-fish		4								4
European lobster		0	10							10
Thick-lipped Mullet			10							10
Stone King Crab		15								15
Eel		24	3							27
Argentines		7						25		32
Smelt						77				77
Sticklebacks							100			100
Octopuses		123	15							138
Blue Ling		150								150
Perch						186				186
Cuttlefish		234	0				0	0	0	234
Red-Fish		306						14		320
Conger Eel		35	302							337
Ruffe						350				350
Blue/Common skate		345	15					20		380
Three-spined Stickleback						100	900			1 000
Flatfishes		456	72					138	414	1 080
Sailray		1 125								1 125
Four spined sculpin							1 400			1 400
Round-nose Grenadier		1 540								1 540
Edible crab		398	1 232	0				0		1 630
Whitefish, Houting, Powan		0				2 128	12			2 140
Grey Gurnard		43	2 091	3				0	20	2 157
Kingshrimp		2 233								2 233
Tusk		2 399	10					424	0	2 833
Halibut		2 174	4					29	395	2 879
Salmon								3 427		3 427
Dab		690	1 447	5			1 673	0	0	3 815
Turbot		794	1 826	88			3 623	0	15	6 346
Squid		7 009	1 911						10	8 930
Brill		4 567	5 974	60			43	0	0	10 643
Skates, rays		16 290	37					155		16 482
Bonefish		601	162			729			350	16 842
Greater Weever		0	17 108							17 108
Rockfishes		5 762	4 251	79	31			414	7 278	17 814
Sole		4 737	17 470	321				0	0	22 527
Lemon Sole		17 692	5 714	98	113			0	424	25 688
Pollack		19 266	1 363	0	30			5	876	31 342
Ling		26 847	1 045					0	2 600	33 401
Spurdog / spiny dogfish		34 173	10 662					3	10	44 848
Anchovy		36 000	9 500							45 500
Flounder		61	4 845	19			44 469	0		49 394
Monkfish		46 302	411				0	4 697	3 585	54 995
Lumpfish		58 809	298					0	0	59 107
Hake		38 889	6 864	8	21		0	9 243	4 864	59 889
Unknown Catches		37 516	19 165	291	0	0	107	6 125	14 138	77 342
Blue Whiting		23 000	0					0	30 000	100 000
Sardinella										270 000
Whiting		27 174	57 458	365	0		194 275	1 375	50	280 697
Plaice		121 096	131 517	2 498	85		53 637	28	197	309 058
Haddock		210 888	23 766	121	545		216	7 998	81 895	325 428
Witch		346 646	2 674	0	40		0	817	880	351 058
Horse Mackerel		366 746	11 000					89 500		467 246
Norway lobster		581 688	348 462	232				0	1 367	931 850
Vendace (Cisco)						1 132				1 132 010

					010				
Mackerel		71 251	204			1 565	1 113	0	1 186 020
							000		
Saithe	0	715 607	10 247	900		0	191 592	759 223	1 677 569
Northern pink shrimp		2 121	99 795			0	171 588		2 392 488
		105							
Cod		309 365	295 368	52	3 970	8 229 176	23 551	174 911	9 088 995
				653					
Sandeels		57 000						32 024	32 081
								000	000
Pilchard, Sardine									41 623
									500
Sprat		263 300	1 144	0	710 000	82 138	0	0	84 256
			200			554			054
Herring	570	17 165	9 516	479	1 293	50 433	3 987	2 125	85 569
	000	088	732	000	121	088	000	000	029
Total	570	22 747	11 755	535	1	3 142	141 106	5 643	35 258
	000	567	239	841	765	694	302	376	567
									850

Discard of fish 226 ton, no mammal bycatch recorded