

6.4.24 Northern shrimp (*Pandalus borealis*) in Division IVa (Fladen Ground)

Single-stock exploitation boundaries

The available information is inadequate to evaluate stock trends. The state of the stock is therefore unknown and there is no basis for an advice.

In the absence of information on stock development, ICES recommends that effort should not be allowed to expand to levels above the average for the years prior to the present absence of fishing activities (1999-2003), corresponding to average landings of 1400 t, and that the fishery must be accompanied by mandatory programmes to collect catch and effort data on both target and bycatch species.

Source of information

Report of the NAFO/ICES *Pandalus* Assessment Group, Halifax, Canada, 21–29 October 2009 (ICES CM 2000/ACOM:11).

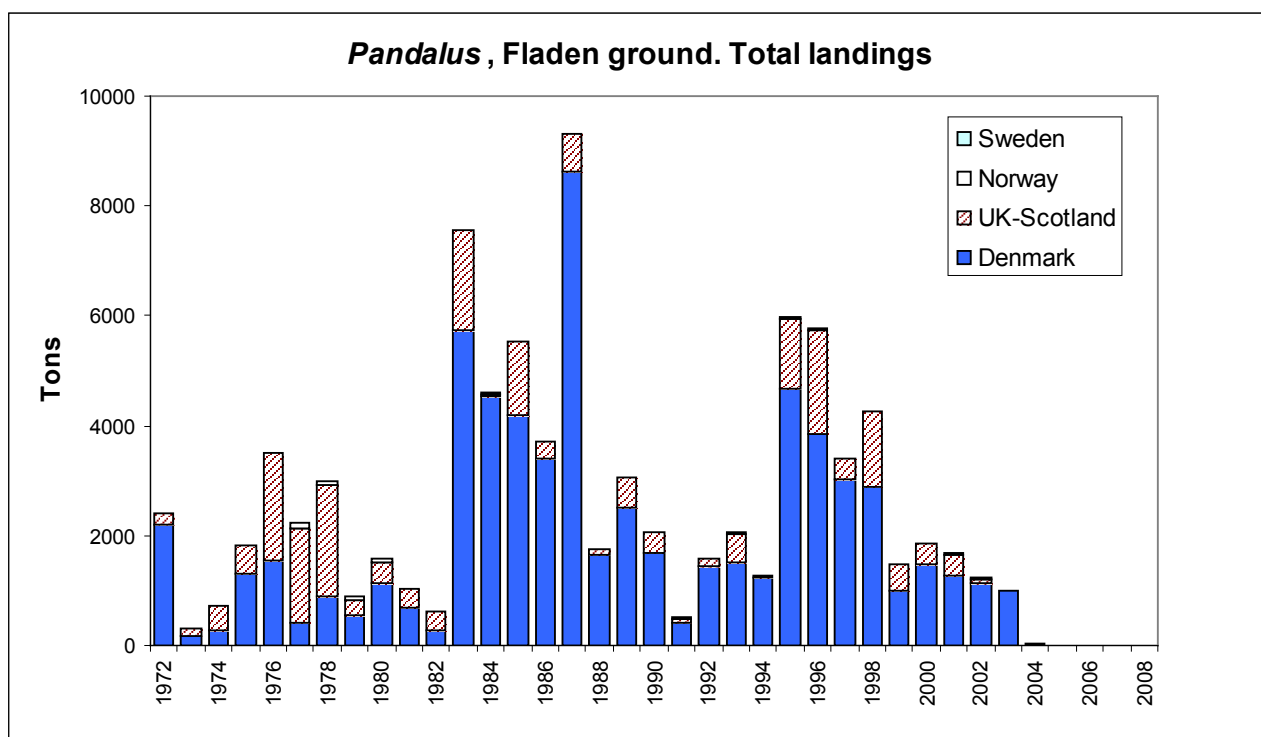


Figure 6.4.24.1 Northern shrimp (*Pandalus borealis*) in Division IVa (Fladen Ground). Total landings (in tonnes) as estimated by ICES.

Table 6.4.24.1

Northern shrimp (*Pandalus borealis*) in Division IVa (Fladen Ground). Total landings (in tonnes) as estimated by ICES.

Year	Denmark	Norway	Sweden	UK-Scotland	Total
1972	2204			187	2391
1973	157			163	320
1974	282			434	716
1975	1308			525	1833
1976	1552			1937	3489
1977	425	112		1692	2229
1978	890	81		2027	2998
1979	565	44		268	877
1980	1122	76		377	1575
1981	685	1		347	1033
1982	283			352	635
1983	5729	8		1827	7564
1984	4553	13		25	4591
1985	4188			1341	5529
1986	3416			301	3717
1987	8620			686	9306
1988	1662	2		84	1748
1989	2495	25		547	3067
1990	1681	3	4	365	2053
1991	422	31		53	506
1992	1448			116	1564
1993	1521	38		509	2068
1994	1229	0		35	1264
1995	4659	15		1298	5972
1996	3858	32		1893	5783
1997	3022	9		365	3396
1998	2900	3		1365	4268
1999	1005	9		456	1470
2000	1482			378	1860
2001	1263	18		397	1678
2002	1147	9		70	1226
2003	999	8	1		1008
2004	23	0	0	0	23
2005	10	0	0	0	10
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0