

8 Stocks with limited data

Three herring stocks have very little data associated with them and have been poorly described in recent reports. These are Clyde herring, part of Division 6aN (Section 5.11 in ICES 2005a), herring in 7.e,f and herring in the Bay of Biscay (Subarea 8). In this section, only the time-series of landings are maintained.

8.1 Clyde herring

In 2011, under the provisions of the TAC and Quota Regulations (57/2011), the European Commission delegated the function of setting the TAC for certain stocks which are only fished by one Member State, to that Member State. This provision currently applies to herring in the Firth of Clyde with TAC setting responsibility delegated to Scotland. The stock is as such not an ICES stock with limited data, but it has been decided to continue to display the updated historical landings table for reasons of continuity. Since 1998 the agreed TAC for Clyde herring has never been reached. No reported catches occurred since 2014. However, reported catches in 2021 were 180 tonnes, and the TAC was 583 t in 2021 (Table 12.1).

8.2 Division 7.e.f

Figure 12.1 shows the time-series of landings over the period 1974–2021 in Division 7.e and 7.f. Data are taken from the ICES historical and official nominal databases and adjusted, where possible, with data supplied by working group members.

Since 1999, landings in Division 27.7.e are stable and have fluctuated between 5 and 800 t except in 2008 where they reached more than 1000 t (Figure 12.1).

In Division 27.7.f, it can be seen that there was a pulse of landings in the late 1970s. Since then landings have fluctuated between 200 t and a very few tonnes in recent years, without any obvious trend. In 2021, landings amount to 85 tonnes. (Figure 12.1).

8.3 Subarea 8 (Bay of Biscay)

In the Bay of Biscay, French landings peaked at 1700 t in 1976, declining gradually to very low levels by the late 1980s. More recently there was a sudden peak pulse of Dutch landings of 8000 t in 2002, declining to low levels since (Figure 12.2, Table 12.3). Data before 2005 were taken from the FISHSTAT database, and data from Spain updated. Data for later years were adjusted, where possible, with data supplied by working group members and from ICES official and preliminary catch statistics.

8.4 Division 6.aN, spring spawners

Following the WKNCS benchmark in 2022 (ICES, 2022), the combined assessment for herring in 6.a, 7.b-c was split into separate assessments for 6.aN and 6.aS, 7.b-c following the genetic splitting of the acoustic survey. These methods were only able to split out the autumn spawning component in 6.aN (Farrell, *et.al.*, 2021), therefore the biomass estimates and assessment in place is not relevant to the spring spawning population found in the Minch. The fishery in division 6.aN is focused on the autumn spawning herring around Cape Wrath, and therefore there is no recent catch information available for the spring spawning population.

Table 12.1 Herring from the Firth of Clyde. Catch in tonnes by country, 1959–2021. Spring and autumn-spawners combined.

Year	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
All Catches																
Total	10 530	15 680	10 848	3 989	7 073	14 509	15 096	9 807	7 929	9 433	10 594	7 763	4 088	4 226	4 715	4 061
Year	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
All Catches																
Total	3 664	4 139	4 847	3 862	1 951	2 081	2 135	4 021	4 361	5 770	4 800	4 650	3 612	1 923	2 343	2 259
Year	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Scotland	713	929	852	608	392	598	371	779	16	1	78	46	88	-	-	-
Other UK	-	-	1	-	194	127	475	310	240	0	392	335	240	-	318	512
Unallo- cated*	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Discards	**	**	**	**	**	-	-	-	-	-	-	-	-	-	-	-
Agreed TAC	2 900	2 300	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000	1 000
Total	731	929	853	608	586	725	846	1089	256	1	480	381	328	0	318	512
Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Scotland	163	54	266	-	90	119	21	0	0	0	0	0	0	0	180	
Other UK	458	622	488	301	111	184	-	-	-	-	-	-	-	-	-	
Unallo- cated*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Discards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Agreed TAC	800	800	800	720	720	720	648	648	583	583	583	583	583	583	583	
Total	621	676	754	301	201	303	21	0	0	0	0	0	0	0	180	

*Calculated from estimates of weight per box and in some years estimated bycatch in the sprat fishery

**Reported to be at a low level, assumed to be zero, for 1989–1995.

Table 12.2. Stocks with limited data. Landings of herring in Divisions 7.e. Source: ICES official landings database 2009 – 2019, national databases and ICES preliminary catch statistics 2020 and 2021.

Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
UK	0	89	57	231	32	14	3	148	69	199	162	83	151	161	69	221	206	399	294	855	430	446	471	482
Denmark	0	0	0	0	0	0	0	0	0	0	194	0	0	0	0	0	0	0	19	10	9	0	0	0
France	193	21	8	12	50	27	21	56	176	195	0	2	18	0	1	0	0	86	42	3	12	503	22	551
Germany	0	0	0	0	19	1	0	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	0	0
Netherlands	0	8	147	292	17	234	133	566	470	2110	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poland	0	0	262	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	193	118	474	535	118	276	157	770	715	2504	356	85	169	161	70	221	296	485	355	868	451	949	493	1033

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021*
UK	377	165	159	193	163	315	199	66	189	106	78	130	185	218	162	274	435	268	204	22	11	8	11	4
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
France	26	0	335	526	500	497	496	516	516	502	499	489	493	486	278	7	314	3	1	0	380	193	0	0
Germany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0	0	0	433	0	2	6	0	0	4	1	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 7.e	403	165	494	719	663	812	695	582	705	608	1010	619	680	710	440	281	753	272	205	23	391	201	12	5

*Preliminary data

Table 12.3. Stocks with limited data. Landings of herring in Divisions 7.f. Source: ICES official landings database 2009 – 2019, national databases and ICES preliminary catch statistics 2020 and 2021.

Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Belgium	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
France	469	83	226	99	69	27	19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Netherlands	101	1233	692	611	173	137	22	24	0	0	0	0	0	0	0	0	0	154	0	0	0	0	0	0
UK	21	1	27	1	0	1	1	1	3	1	2	1	18	1	5	2	1	1	1	3	2	3	3	8
USSR	0	2062	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 7.f	591	3379	1006	711	242	165	42	25	3	1	2	2	18	1	5	2	2	155	1	3	2	3	3	8

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021*
Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
France	0	0	150	1	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
UK	14	12	81	0	5	21	47	198	76	115	29	8	23	78	113	136	20	111	227	28	3	4	1	66
USSR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Total 7.f	14	12	231	1	5	21	47	198	76	115	29	8	23	104	113	136	20	111	227	28	3	9	1	85

*Preliminary data

Table 12.4. Stocks with limited data. Landings of herring in Subarea 8.

Country	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*	2021*
France	50	82	22	7	5	5	4	12	3	1	1	2
Netherlands	502	222	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Spain	38	54	2	-	-	-	-	-	-	-	-	-
UK	-	-	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	1	1	-	-	-
Total	590	358	24	7	5	5	4	13	13	1	1	2

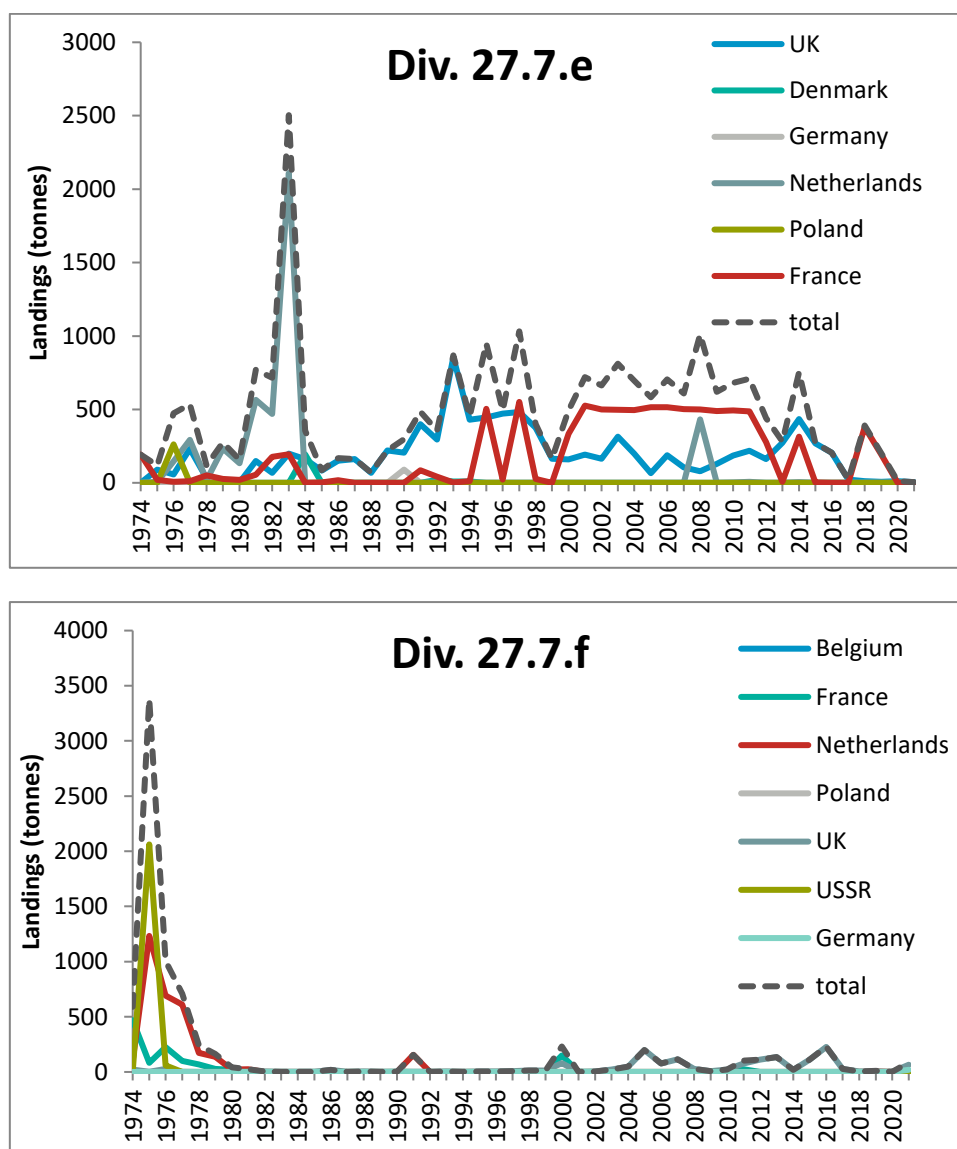


Figure 12.1. Stocks with limited data. Landings over time of herring in divisions 7.e (upper panel) and 7.f (lower panel).

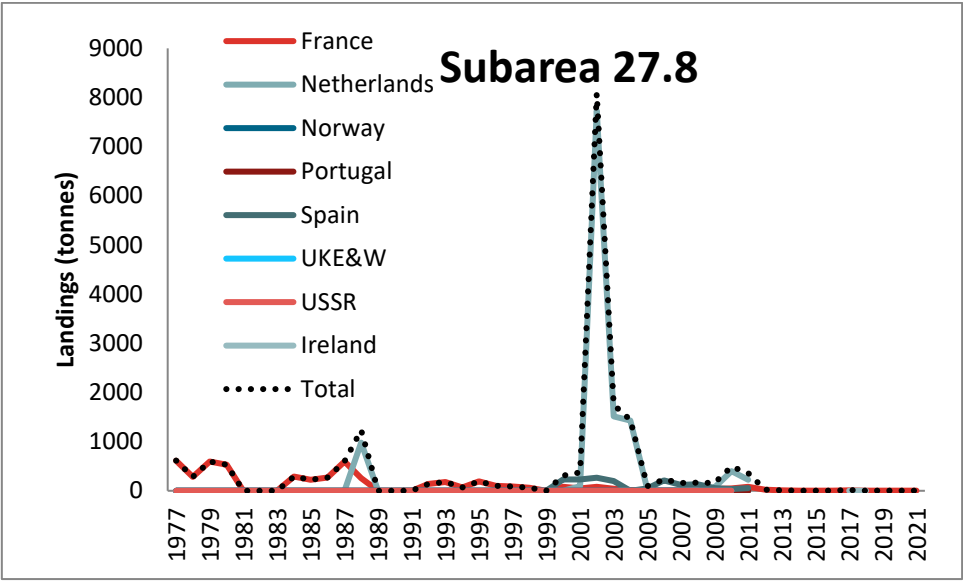


Figure 12.2. Stocks with limited data. Landings over time of herring in Subarea 8.