

## 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 6.aN (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. The TAC has been 583 t in 2018. No landings are reported in 2018 (Table 12.1).

### 8.2 Division 7.e,f

Figure 12.1 shows the time series of landings over the period 1974–2018 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 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 7.f, there was a pulse of landings in the late 1970s. Since then landings have fluctuated between 50 and 200 t in recent years, without any obvious trend. However, landings decreased in 2017 to 28 t and further down to 3 t in 2018 (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.

Table 12.1 Herring from the Firth of Clyde. Catch in tonnes by country, 1959–2018. Spring and autumn-spawners combined.

Year	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
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
Year	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
All Catches															
Total	4 061	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
Year	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Scotland	2 135	2 184	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
Unallocated*	208	75	18	-	-	-	-	-	-	-	-	-	-	-	-
Discards	**	**	**	**	**	**	**	-	-	-	-	-	-	-	-
Agreed TAC	3 200	2 600	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
Total	2 343	2 259	731	929	853	608	586	725	846	1089	256	1	480	381	328
Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Scotland	-	-	+	163	54	266	-	90	119	21	0	0	0	0	0
Other UK	-	318	512	458	622	488	301	111	184	-	-	-	-	-	-
Unallocated*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Discards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agreed TAC	1 000	1 000	1 000	800	800	800	720	720	720	648	648	583	583	583	583
Total	0	318	512	621	676	754	301	201	303	21	0	0	0	0	0

\* Calculated from estimates of weight per box and in some years estimated by-catch 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 and 7.f. Source: ICES official landings database 2006–2016, national databases and ICES preliminary catch statistics 2017 and 2018.**

Division	Country	2011	2012	2013	2014	2015	2016	2017*	2018*
7e	UK (Eng,Wal,NI,Scot,Guernsey)	218	162	274	435	268	204	22	11
7e	Denmark	-	-	-	-	-	-	-	-
7e	France	486	278	7	314	3	1	1	380
7e	Germany, Fed. Rep. Of	-	-	-	-	-	-	-	-
7e	Netherlands	6	-	-	4	0	-	-	-
<b>Total</b>		<b>710</b>	<b>440</b>	<b>275</b>	<b>753</b>	<b>271</b>	<b>205</b>	<b>23</b>	<b>391</b>

Division	Country	2011	2012	2013	2014	2015	2016	2017*	2018*
7f	UK (Eng, Wal, Scot, NI)	78	113	136	20	111	227	29	3
7f	Belgium	-	-	-	-	-	-	-	-
7f	France	26	-	-	-	-	-	-	-
7f	Netherlands	-	-	-	-	-	-	-	-
7f	Poland	-	-	-	-	-	-	-	-
<b>Total</b>		<b>104</b>	<b>113</b>	<b>136</b>	<b>20</b>	<b>111</b>	<b>227</b>	<b>29</b>	<b>3</b>

\* Preliminary data

**Table 12.3. Stocks with limited data. Landings of herring in Subarea 8.**

Country	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017*	2018*
France	12	12	34	50	82	22	7	5	5	4	12	3
Netherlands	24	24	68	502	222	-	-	-	-	-	-	-
Portugal	.	.	-	-	-	-	-	-	-	-	-	-
Spain	120	131	55	38	54	2	-	-	-	-	-	-
UK	0	0	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-	1	1
	156	167	157	590	358	24	7	5	5	4	13	4

\* Preliminary data

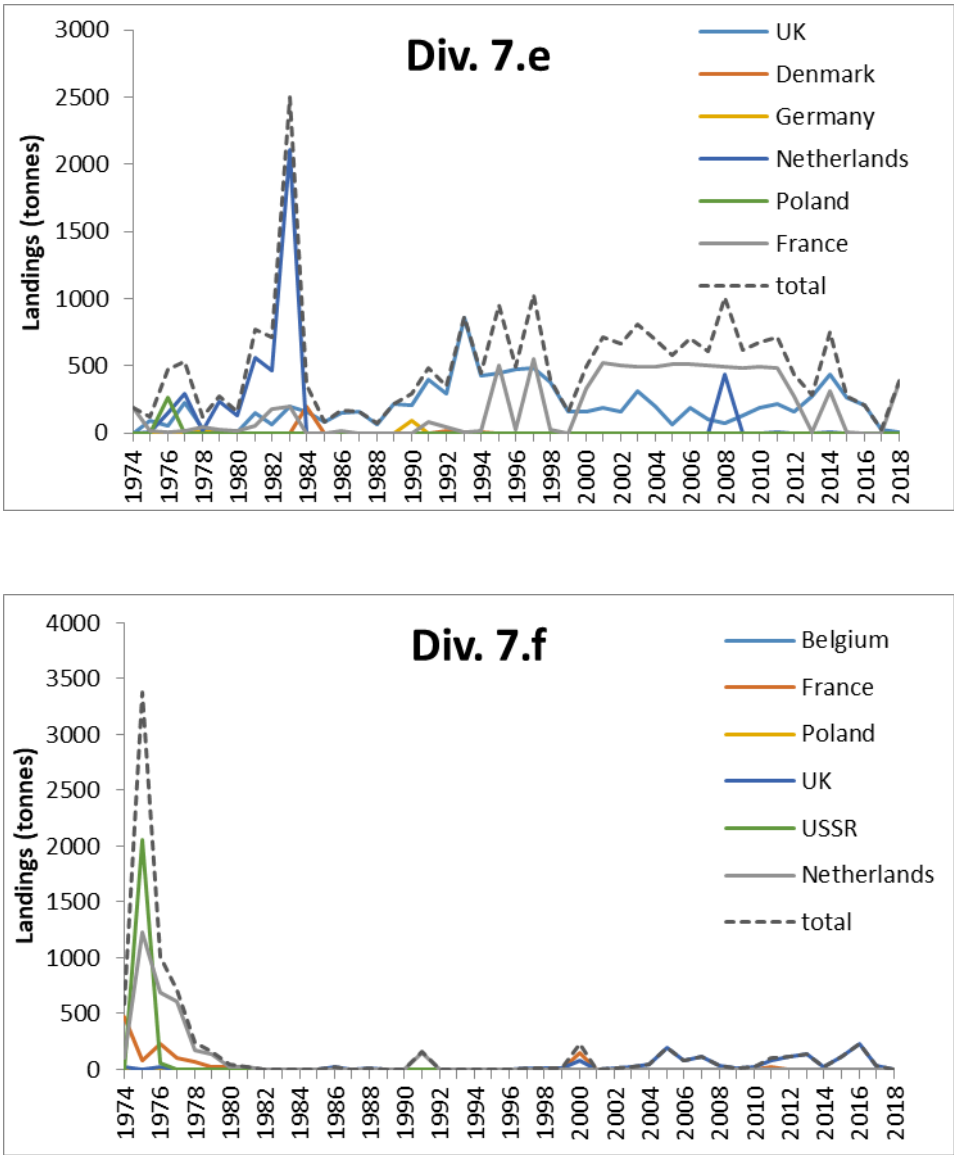


Figure 12.1. Stocks with limited data. Landings over time of herring in divisions 7.e (upper panel) and 7.f (lower panel).

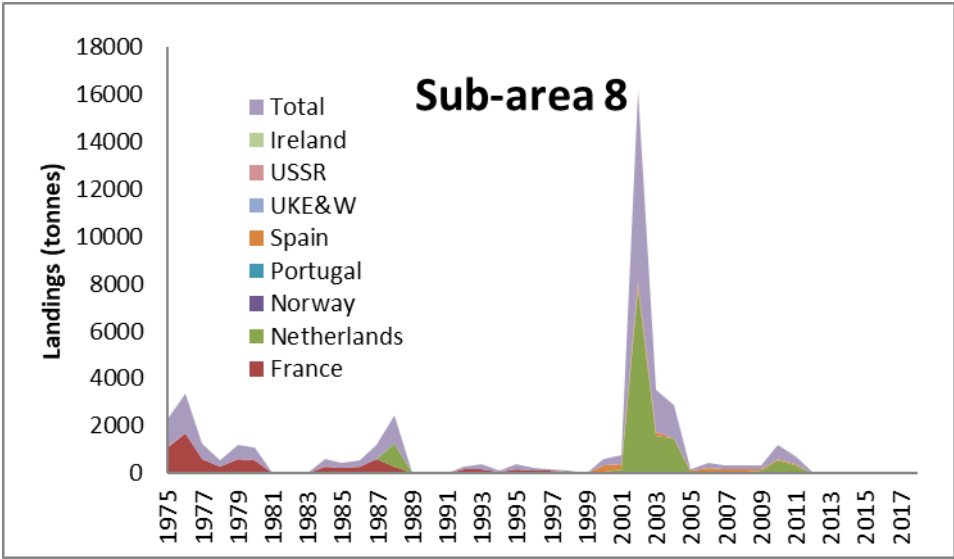


Figure 12.2. Stocks with limited data. Landings over time of herring in Subarea 8.