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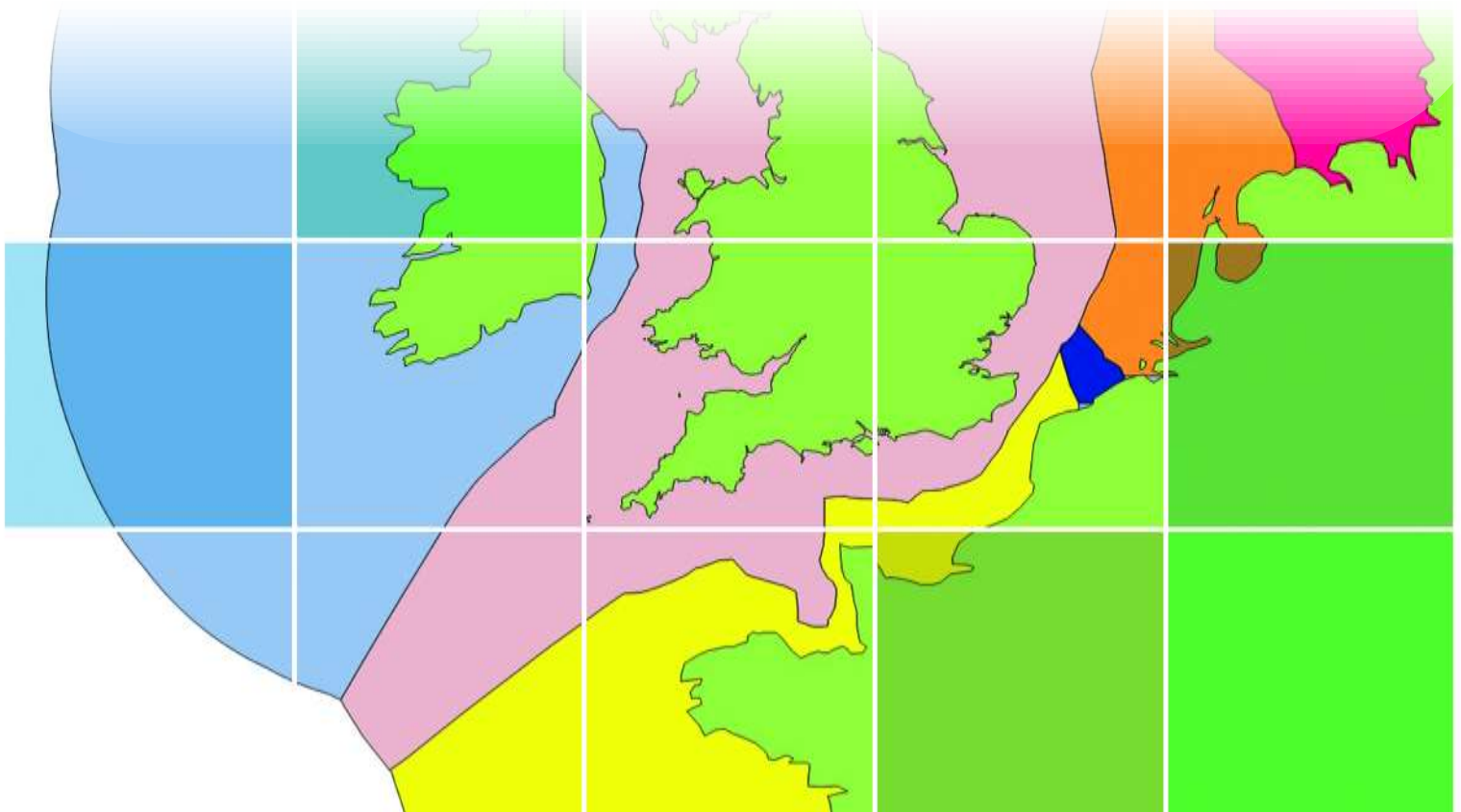
NAFC Marine Centre
University of the
Highlands and Islands

Fish Landings from the UK EEZ and UK Landings from Other EEZs, by EU Member State

Ian R. Napier

26th April 2017

(revised – 5th May 2017)



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Revisions

5th May 2017

Analysis updated to include MMO price data for 2015; estimated average values now based on average prices from 2011 to 2015. Figures, tables and text updated with new values.

Comparison of results from this analysis with those of the MMO added (p. 20).

Various typographical errors corrected.

Summary

An analysis of available data has been carried out to determine how much fish and shellfish are landed from the UK's Exclusive Economic Zone (UK EEZ) by the fishing boats of individual EU Member States, and by UK boats from the EEZs of other EU Member States.

The results of the analysis indicate that over the five year period from 2011 to 2015:

- ◆ Fishing boats from eight EU Member States landed fish or shellfish caught in the UK EEZ: Denmark, Germany, the Netherlands, Belgium, France, Spain, Ireland and Sweden.
- ◆ Most was landed by Danish, Dutch, French and Irish fishing boats, with the largest shares by Danish boats (by weight) and French boats (by value).
- ◆ Danish, German, Dutch, Irish and Swedish fishing boats predominantly landed pelagic fish from the UK EEZ, while Belgian, French and Spanish boats predominantly landed demersal fish (whitefish). Danish and Swedish boats also landed substantial quantities of industrial fish (used for fishmeal production).
- ◆ UK fishing boats landed fish or shellfish from the EEZs of six other EU Member States: Denmark, Germany, the Netherlands, Belgium, France and Ireland.
- ◆ More than two-thirds of UK boats' landings from other EU EEZs were caught in the Irish EEZ, and most of the remainder in the French EEZ.
- ◆ UK boats predominantly landed demersal fish from the Danish, German, Dutch, Belgian and French EEZs, pelagic fish from the French and Irish EEZs, and shellfish from the German, Belgian and French EEZs.
- ◆ In almost all cases, EU Member States' fishing boats landed substantially more fish and shellfish from the UK EEZ than UK boats did from those States' EEZs.
- ◆ Overall, EU fishing boats landed eight times more fish and shellfish (5 times more by value) from the UK EEZ than UK boats did from the EU EEZ, but for most individual Member States the imbalance was even greater.
- ◆ Belgian and Dutch fishing boats had the highest level of 'dependence' on the UK EEZ. Danish, German, French and Irish boats also had high levels of 'dependence'.
- ◆ UK boats' 'dependence' on other EU EEZs was much less; the most important being the Irish EEZ.

Index

	Page
Summary	i
Introduction	3
Exclusive Economic Zones	3
Data & Analysis	5
Data	5
Analysis	5
Results	7
Landings from the UK EEZ	7
Landings by UK Boats from Other EEZs	14
Landings by EU Member State	21
Swedish Landings from UK EEZ / UK Landings from the Swedish EEZ.....	22
Danish Landings from UK EEZ / UK Landings from the Danish EEZ.....	29
German Landings from UK EEZ / UK Landings from the German EEZ.....	37
Dutch Landings from UK EEZ / UK Landings from the Dutch EEZ.....	45
Belgian Landings from UK EEZ / UK Landings from the Belgian EEZ.....	53
French Landings from UK EEZ / UK Landings from the French EEZ.....	61
Spanish Landings from UK EEZ / UK Landings from the Spanish EEZ.....	69
Irish Landings from UK EEZ / UK Landings from the Irish EEZ.....	77
EU Landings from UK EEZ / UK Landings from the EU EEZ.....	85
Importance of the UK EEZ to EU Boats	93
Importance of the EU EEZ to UK Boats	100
Summary of Key Information	95
Discussion and Conclusions	111

Introduction

This analysis of available fisheries data has been carried out at the request of the Shetland Fishermen's Association (SFA) to provide detailed information on:

- ◆ The quantities of fish landed from the UK Exclusive Economic Zone (UK EEZ) by the fishing boats of individual EU Member States.
- ◆ The quantities of fish landed by UK fishing boats from the EEZs of individual EU Member States.
- ◆ The balance between UK boats' landings from EU Member States' EEZs and those States' boats' landings from the UK EEZ.

This complements previous reports on landings by EU fishing boats from the UK EEZ and by UK boats from other areas of the EU EEZ¹.

Exclusive Economic Zones

An Exclusive Economic Zone is a sea area defined in International Law that extends up to 200 nautical miles (371 km) from the coast. The outer limit of the EEZ, and the area of the EEZ, are sometimes referred to as the '200-mile limit' or the 'fisheries limit'. Within its EEZ a country is entitled to control the exploitation of fish and shellfish, as well as other economic resources such as oil and gas, and minerals. Under the European Common Fisheries Policy (CFP) the United Kingdom ceded control of fisheries within the UK EEZ to the European Union.

Where the Exclusive Economic Zones of two adjacent nations overlap, a Median Line is defined equidistant from the two nations' coastlines to separate their respective zones. (For example, the boundary of the UK and Norwegian EEZs is a median line drawn down the middle of the North Sea.)

The areas of the United Kingdom's and other EU Member States' Exclusive Economic Zones are shown in Figure 1.

¹ Available at: www.uhi.nafc.ac.uk/eez-reports

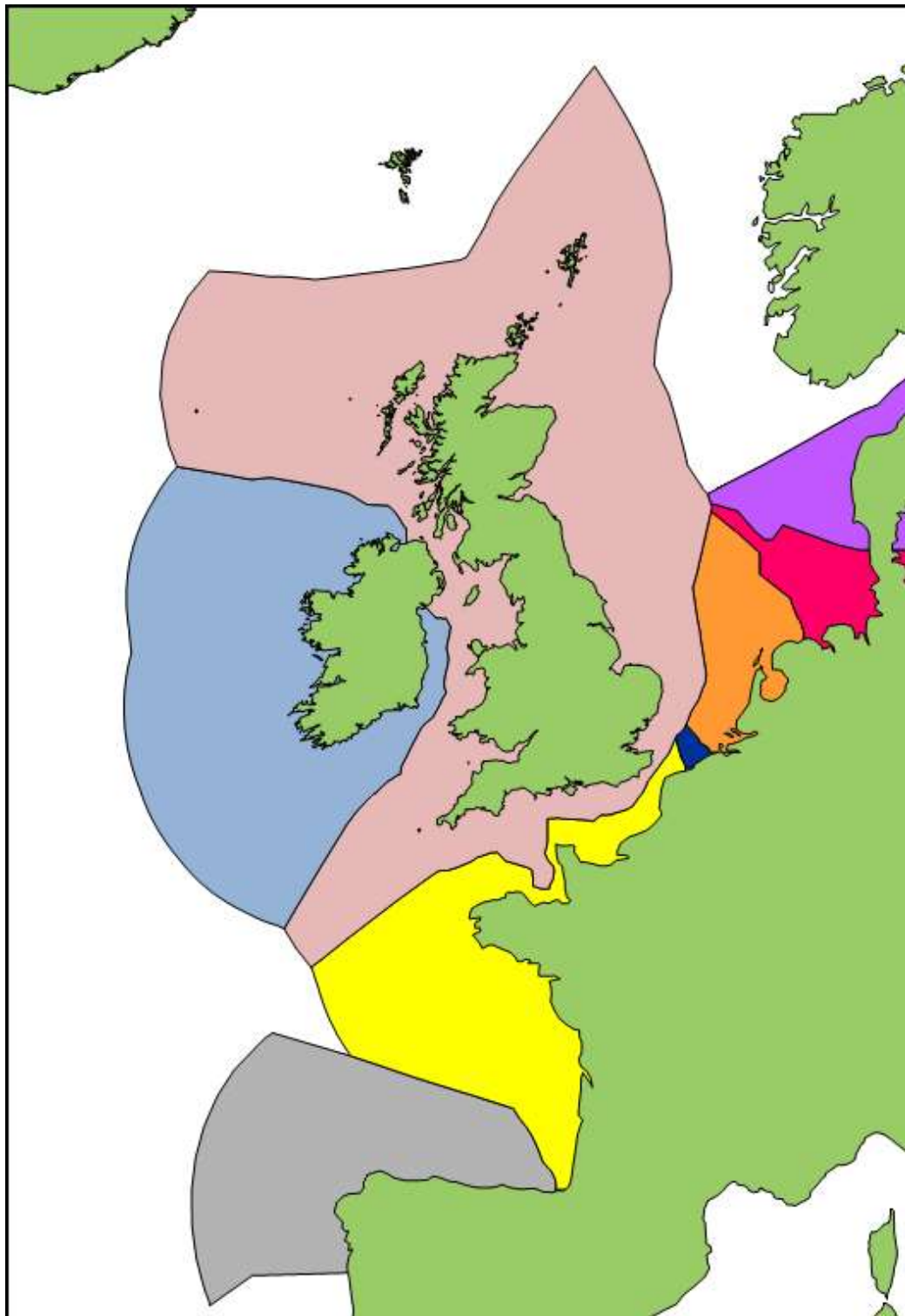


Figure 1 The Exclusive Economic Zones (EEZs) of the UK, Denmark, Germany, the Netherlands, Belgium, France, Spain and Ireland.

Data & Analysis

Data

The weights of fish and shellfish landed from the United Kingdom's EEZ by UK and EU fishing boats, and of fish landed by UK fishing boats from outside of the UK EEZ, were estimated from data published by the European Commission's Scientific, Technical and Economic Committee for Fisheries (STECF)¹.

These data gave the live weight of all landings from the North East Atlantic (FAO Area 27)² by UK and EU fishing boats, broken down by area, species, nationality, year and ICES statistical rectangle³. Complete data for all countries were available from 2011 to 2015.

These data did not include landings by non-European Union fishing boats (such as Faroe or Norway).

The values of landings were estimated from their weights using average values of UK landings of each species, calculated from data published by the UK's Marine Management Organisation (MMO)⁴. These data included the total weight and value of each species landed in the UK by UK and foreign fishing boats, and by UK boats abroad, each year to 2015.

Where the MMO data did not provide a value for a specific species (presumably because none of that species was landed in the UK or by UK boats) an overall average value was used. Such cases species amounted to only a few percent of the total weight landed by EU fishing boats.

Analysis

The weight of each species landed from each ICES statistical rectangle by fishing boats of each EU Member State were determined from the STECF data. The value of landings of each species were estimated from their weights using average prices for UK landings over the period 2011 to 2015, derived from the MMO data. Total weights

¹ Available through the Joint Research Centre's (JRC) Data Collection Framework data portal at: stecf.jrc.ec.europa.eu/data-dissemination

² FAO Area 27 (North-East Atlantic) encompasses all waters north of latitude 36° N (Straits of Gibraltar) and between longitudes 40° W (southern tip of Greenland) to 68°30' E (northern tip of Novaya Zemlya), including the Baltic but excluding the Mediterranean.

³ For the purposes of fisheries data collection and reporting, the International Council for the Exploration of the Sea (ICES) divides the waters around Europe into 'statistical rectangles' (see Figure 1). These rectangles are one degree of longitude (east-west) by half a degree of latitude (north-south).

⁴ Available at: www.gov.uk/government/collections/uk-sea-fisheries-annual-statistics

and values for species groups (demersal fish, pelagic fish, shellfish and industrial fish)¹ were obtained by summing the weights and values of the relevant species.

ICES rectangles were classified as being inside or outside of the United Kingdom's and other EU Member States' Exclusive Economic Zones. Where a rectangle lies partly within an EEZ the proportion of the area of the rectangle within the EEZ was estimated. The analysis did not include the area east of 10°E (the Baltic). Results for the Danish and German EEZs therefore include only those parts of the EEZs in the North Sea (west of 10°E).

The total weight and value of each species and species group landed from the UK and other EEZs by UK and EU fishing boats were estimated by summing the weights landed by each from all of the statistical rectangles that fell wholly or partly within the UK EEZ. Where only part of a rectangle lay within the EEZ the proportion of the landings from that rectangle caught within the UK EEZ was assumed to be equal to the proportion of the area of the rectangle that lay within the EEZ. (For example, if 40% of the area of a rectangle lay within the UK EEZ then 40% of the weight of fish landed from that rectangle was assumed to have been caught within the EEZ, and 60% outside.)

Annual average weights and values were then determined for the five year period from 2011 to 2015.

¹ **Demersal fish** (whitefish) are species such as cod, haddock, saithe, whiting, ling, hake, monks, plaice, sole, and skates and rays.

Pelagic fish are species such as mackerel, herring, blue whiting and horse mackerel.

Shellfish are species such as crabs, lobsters, scallops, cockles, whelks, cuttlefish, and Nephrops ('scampi' or 'prawns').

Industrial fish are species such as sandeels, boarfish, pout, sprats and argentines that are caught not for human consumption but for reduction to fish meal.

Results

Landings from the UK EEZ

Over the five year period from 2011 to 2015 fishing boats from eight European Union Member States¹ landed fish or shellfish caught in the United Kingdom's Exclusive Economic Zone:

- ◆ Sweden
- ◆ Poland
- ◆ Denmark
- ◆ Germany
- ◆ The Netherlands
- ◆ Belgium
- ◆ France
- ◆ Spain
- ◆ Ireland

(The quantity of fish and shellfish landed by Polish fishing boats was negligible – less than 2 tonnes per year, on average – and is not considered further in this report.)

Most of the fish and shellfish landed from the UK EEZ was caught by Danish, Dutch, French or Irish fishing boats, which together accounted for four-fifths of the total landings by EU boats (Figure 2). German, Belgian, Spanish and Swedish boats landed smaller quantities, between them making up the remaining one-fifth of the landings by EU boats.

Danish fishing boats accounted for the largest individual share of the landings by weight with one-third of the total, followed by Dutch and French boats (Figure 2).

French fishing boats accounted for the largest individual share of the landings by value with more than one-quarter of the total, followed by Danish, Dutch and Irish boats (Figure 2).

Demersal Fish

French boats caught more than half of the demersal fish landed by EU fishing boats from the UK EEZ, with Dutch, Belgian and Spanish boats accounting for most of the balance (Figure 3).

¹ Landings are attributed to fishing boats' country of registration. Landings by a fishing boat that is owned by interests based in one country but is registered in another country are recorded against the country of registration.

Pelagic Fish

More than half of the pelagic fish landed by EU fishing boats from the UK EEZ was caught by Danish or Dutch fishing boats (Figure 4), with each accounting for one-quarter or more of the total. Irish and German fishing boats accounted for most of the remaining pelagic fish landed from the UK EEZ.

Shellfish

Most of the shellfish landed from the UK EEZ by EU fishing boats was caught by Irish or French boats (Figure 5). Irish boats alone accounted for more than one-third of the weight and almost half of the value of the shellfish landed from the UK EEZ, while French boats accounted for half of their weight and more than one-third of their value. Most of the remaining shellfish were landed by Belgian fishing boats.

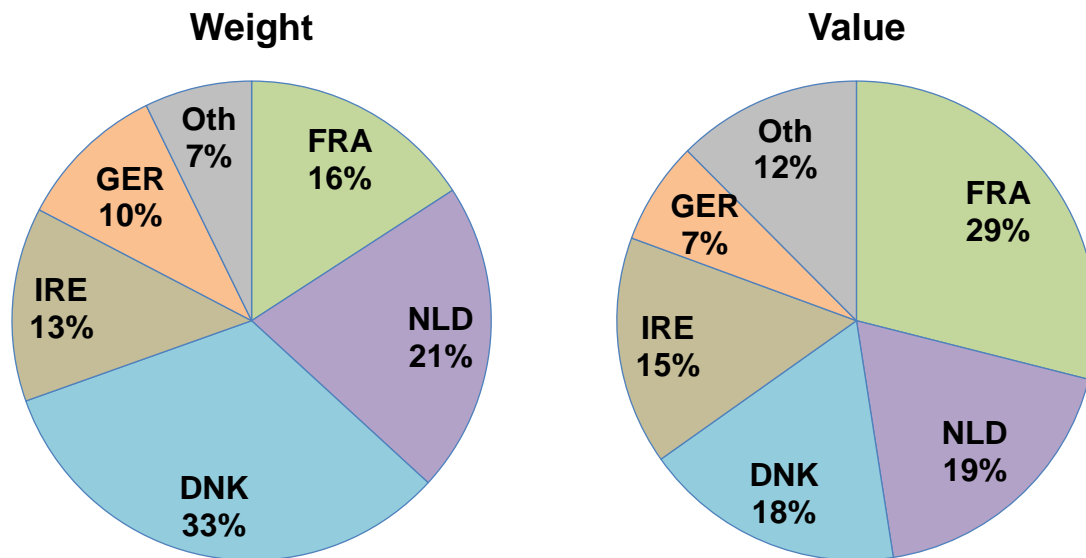
Industrial Fish

Three-quarters of the industrial fish landed by EU fishing boats from the UK EEZ was caught by Danish boats (Figure 6), with Swedish boats accounting for the largest part of the remainder.

United Kingdom EEZ



All Fish & Shellfish



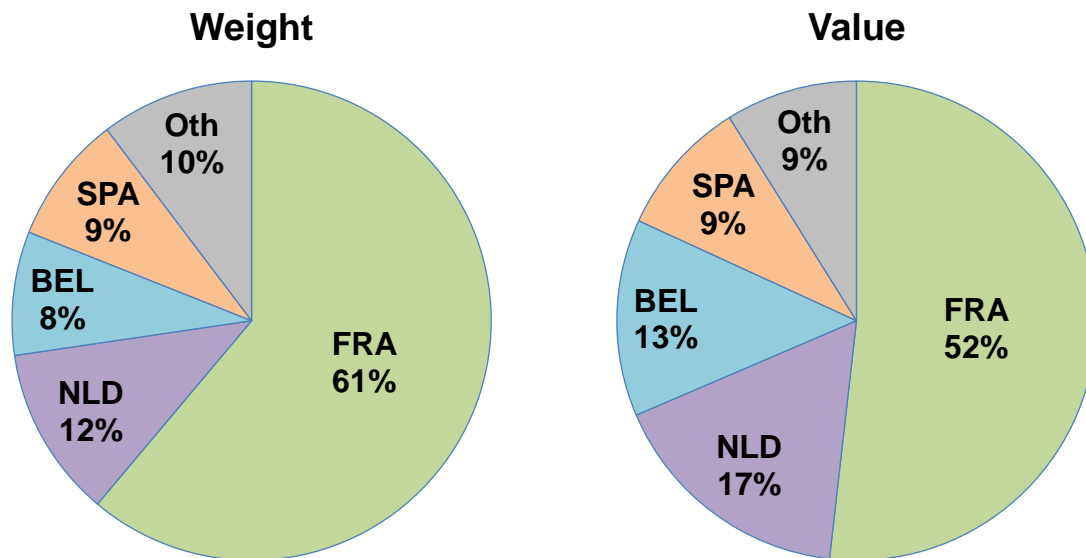
All Fish & Shellfish	Weight ('000 t.)	Value (£ m)
UK Boats	526.8	£642.7
French Boats	110.3 16%	£147.1 29%
Danish Boats	228.1 33%	£94.5 19%
Dutch Boats	146.2 21%	£89.7 18%
Irish Boats	91.3 13%	£78.4 15%
German Boats	70.3 10%	£35.2 7%
Belgian Boats	11.0 2%	£31.5 6%
Spanish Boats	10.8 2%	£21.7 4%
Swedish Boats	28.7 4%	£10.1 2%
Total EU Boats	696.7 100%	£508.3 100%

Figure 2 Breakdown of the estimated weights and values of all fish and shellfish landed from the UK EEZ by EU fishing boats by nationality. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the UK EEZ by EU boats.)

United Kingdom EEZ



Demersal Fish



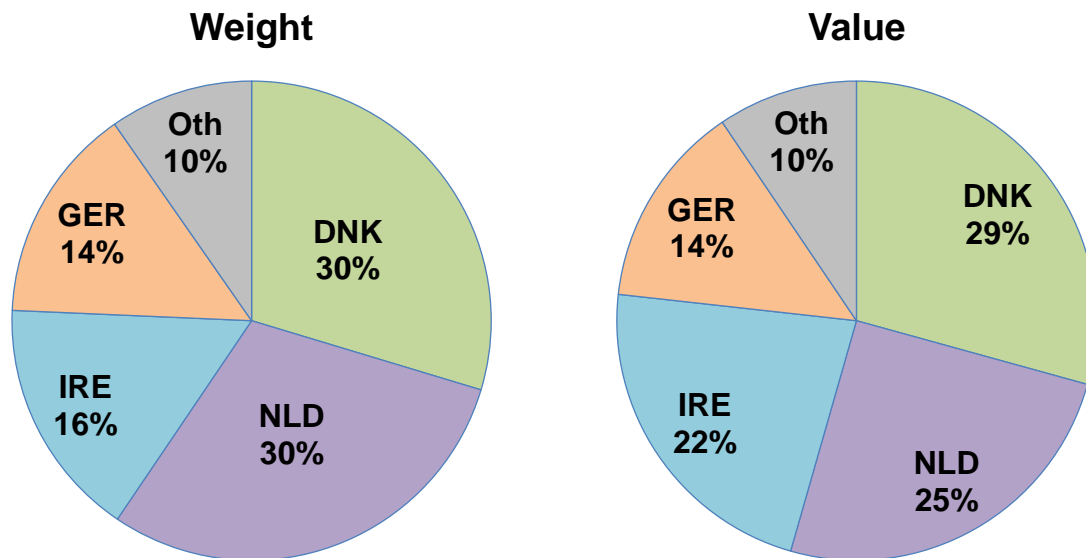
Demersal Fish	Weight ('000 t.)	Value (£ m)
UK Boats	114.5	£202.3
French Boats	69.9 61%	£113.6 52%
Dutch Boats	13.2 12%	£36.8 17%
Belgian Boats	9.5 8%	£29.2 13%
Spanish Boats	9.9 9%	£20.3 9%
Irish Boats	6.1 5%	£10.9 5%
Danish Boats	3.4 3%	£4.9 2%
German Boats	2.4 2%	£3.7 2%
Swedish Boats	0.0 0%	£0.0 0%
ALL EU Boats	114.4 100%	£219.4 100%

Figure 3 Breakdown of the estimated weights and values of demersal fish landed from the UK EEZ by EU fishing boats by nationality. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the UK EEZ by EU boats.)

United Kingdom EEZ



Pelagic Fish



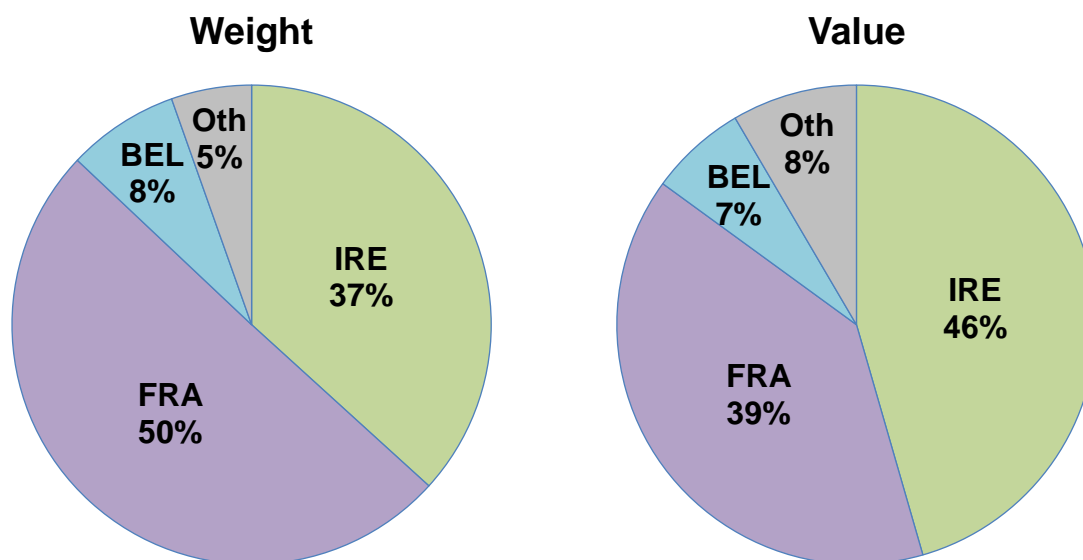
Pelagic Fish	Weight ('000 t.)	Value (£ m)
UK Boats	266.1	£181.4
Danish Boats	126.7 30%	£64.0 29%
Dutch Boats	127.3 30%	£55.0 25%
Irish Boats	69.3 16%	£48.8 22%
German Boats	62.4 15%	£30.1 14%
French Boats	27.2 6%	£14.0 6%
Swedish Boats	14.1 3%	£6.7 3%
Spanish Boats	0.0 0%	£0.0 0%
Belgian Boats	0.0 0%	£0.0 0%
ALL EU Boats	427.0 100%	£218.7 100%

Figure 4 Breakdown of the estimated weights and values of pelagic fish landed from the UK EEZ by EU fishing boats by nationality. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the UK EEZ by EU boats.)

United Kingdom EEZ



Shellfish



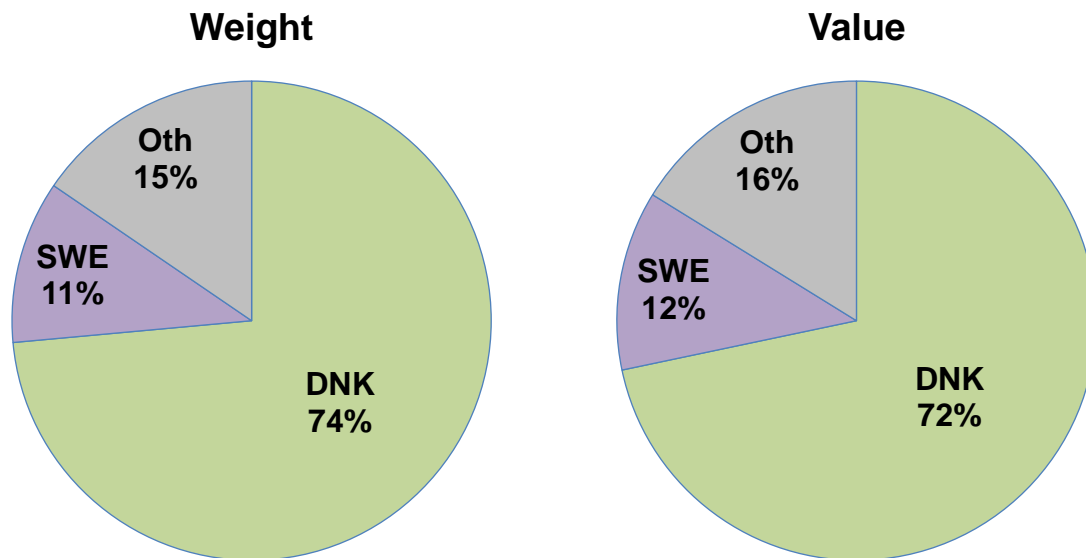
Shellfish	Weight ('000 t.)	Value (£ m)
UK Boats	123.4	£240.0
Irish Boats	6.0 37%	£15.9 46%
French Boats	8.2 50%	£13.8 39%
Belgian Boats	1.2 8%	£2.3 7%
Dutch Boats	0.6 3%	£1.6 5%
Danish Boats	0.1 1%	£0.7 2%
Spanish Boats	0.2 1%	£0.5 1%
German Boats	0.1 0%	£0.2 0%
Swedish Boats	0.0 0%	£0.0 0%
ALL EU Boats	16.3 100%	£34.9 100%

Figure 5 Breakdown of the estimated weights and values of shellfish landed from the UK EEZ by EU fishing boats by nationality. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the UK EEZ by EU boats.)

United Kingdom EEZ



Industrial Fish



Industrial Fish	Weight ('000 t.)	Value (£ m)
UK Boats	10.0	£2.2
Danish Boats	98.0 74%	£25.2 75%
Swedish Boats	14.6 11%	£4.5 13%
German Boats	5.4 4%	£1.6 5%
Dutch Boats	5.1 4%	£1.2 4%
Irish Boats	9.2 7%	£0.9 3%
French Boats	0.7 1%	£0.3 1%
Belgian Boats	0.2 0%	£0.1 0%
Spanish Boats	0.0 0%	£0.0 0%
ALL EU Boats	133.2 100%	£33.7 100%

Figure 6 Breakdown of the estimated weights and values of industrial fish landed from the UK EEZ by EU fishing boats by nationality. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the UK EEZ by EU boats.)

Landings by UK Boats from Other EEZs

Over the five years from 2011 to 2015 UK fishing boats landed fish and shellfish caught in the Exclusive Economic Zones (EEZs) of seven other European Union Member States:

- ◆ Denmark
- ◆ Germany
- ◆ The Netherlands
- ◆ Belgium
- ◆ France
- ◆ Ireland
- ◆ Spain

More than two-thirds of the fish and shellfish landed by UK fishing boats from the EU EEZ was caught in Irish EEZ (Figure 7). Of the balance about half was caught in the French EEZ, with smaller quantities in the Danish, Dutch and German EEZs. Only a very small quantity of fish and shellfish was landed from the Belgian EEZ by UK fishing boats (<50 tonnes per year), and a negligible quantity (about 4 tonnes per year) from the Spanish EEZ.

Demersal Fish

Almost half of the demersal fish landed from the EU EEZ by UK fishing boats (more than half by value) were caught in the Irish EEZ (Figure 8). Most of the balance was caught in the Danish, Dutch and French EEZs.

Pelagic Fish

Most of the pelagic fish landed by UK fishing boats from the EU EEZ was caught in the Irish EEZ (Figure 9). Almost all of the balance was caught in the French EEZs, with only very small quantities of pelagic fish landed from the EEZs of other EU Member States.

Shellfish

About half of the shellfish landed from the EU EEZ by UK fishing boats was caught in the French EEZ and more than one-third in the Irish EEZ (Figure 10). Most of the remainder was caught in the German EEZ.

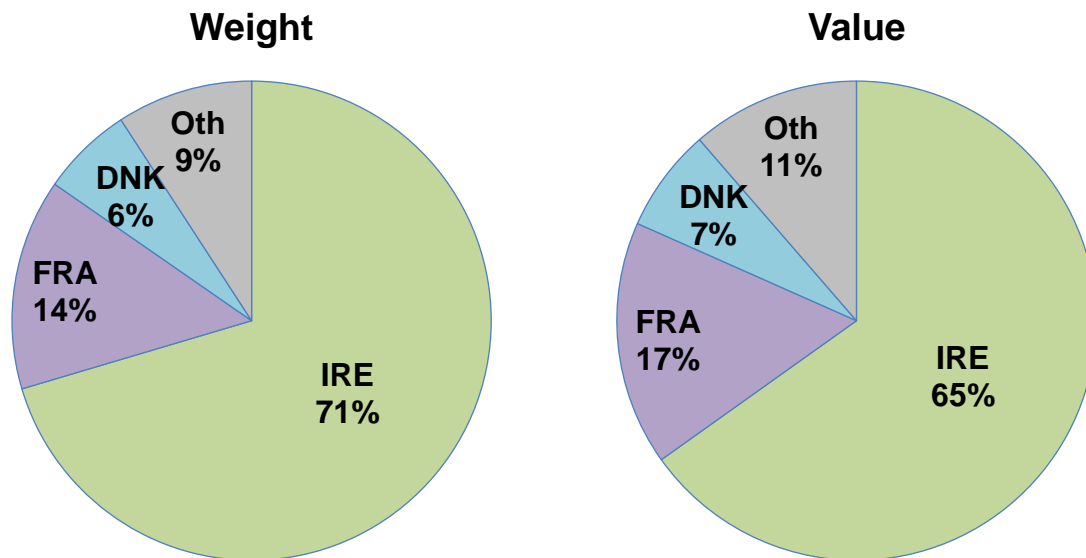
Industrial Fish

Of the small amount of industrial fish landed by UK fishing boats from the EU EEZ, the largest proportion was caught in the French EEZ, followed by the Dutch and Irish EEZs (Figure 11).

United Kingdom Boats



All Fish & Shellfish



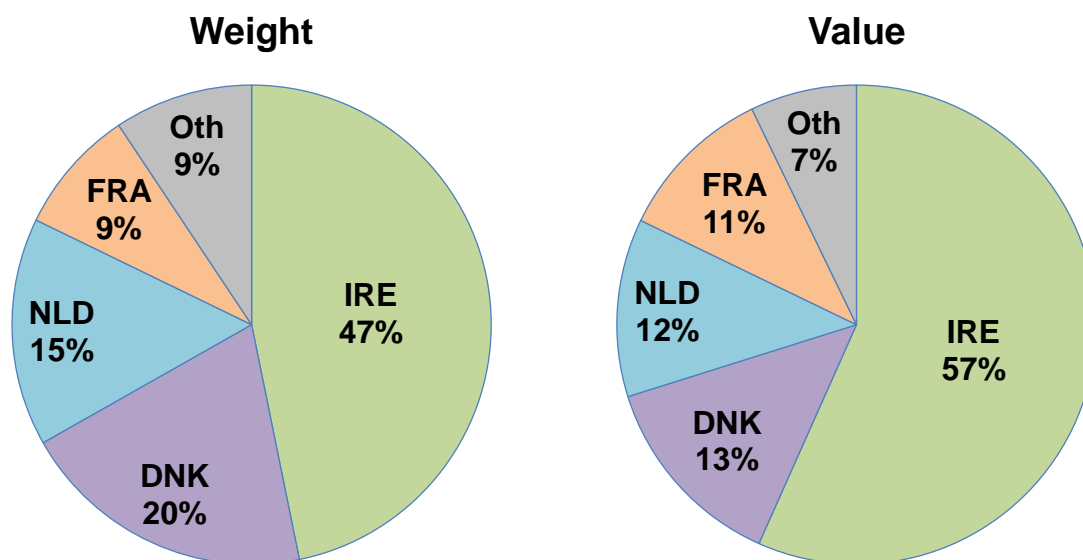
All Fish & Shellfish	Weight ('000 t.)	Value (£ m)
UK EEZ	526.8	£642.7
Irish EEZ	65.2	£70.0
French EEZ	13.2	£17.7
Danish EEZ	5.7	£7.5
Dutch EEZ	4.8	£7.0
German EEZ	3.6	£5.1
Belgian EEZ	0.0	£0.1
Spanish EEZ	0.0	£0.0
Total EU EEZ	92.6	£107.5

Figure 7 Breakdown of the estimated weights and values of all fish and shellfish landed by UK fishing boats from the EU EEZ by Member State. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the EU EEZ by UK boats.)

United Kingdom Boats



Demersal Fish



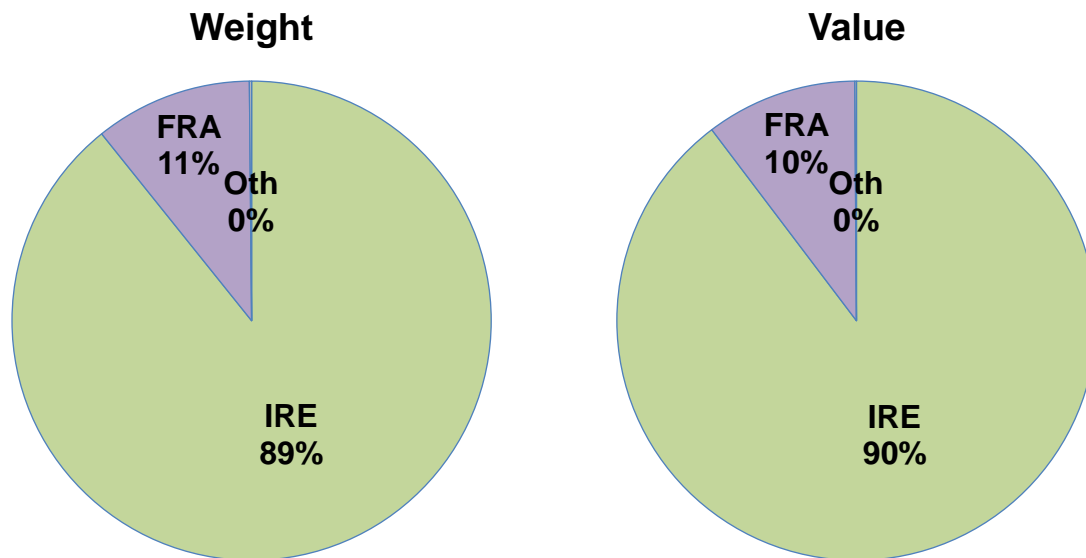
Demersal Fish	Weight ('000 t.)	Value (£ m)
UK EEZ	114.5	£202.3
Irish EEZ	13.1 47%	£31.1 57%
Danish EEZ	5.6 20%	£7.4 13%
Dutch EEZ	4.3 15%	£6.6 12%
French EEZ	2.4 8%	£5.9 11%
German EEZ	2.6 9%	£3.9 7%
Belgian EEZ	0.0 0%	£0.1 0%
Spanish EEZ	0.0 0%	£0.0 0%
Total EU EEZ	28.0 100%	£55.0 100%

Figure 8 Breakdown of the estimated weights and values of demersal fish landed by UK fishing boats from the EU EEZ by Member State. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the EU EEZ by UK boats.)

United Kingdom Boats



Pelagic Fish



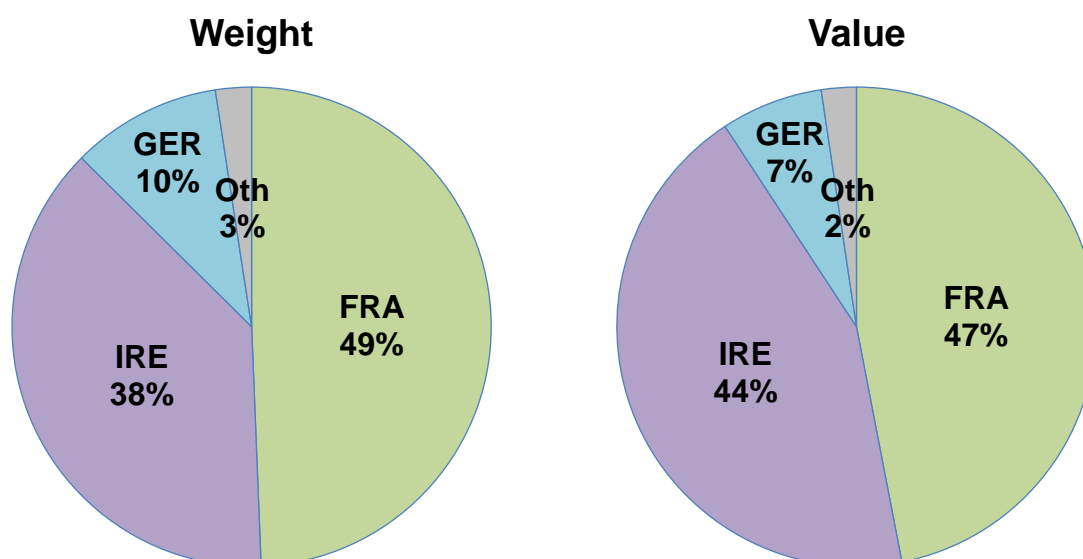
Pelagic Fish	Weight ('000 t.)		Value (£ m)	
UK EEZ	266.1		£181.4	
Irish EEZ	47.9	89%	£30.6	90%
French EEZ	5.7	11%	£3.5	10%
Dutch EEZ	0.1	0%	£0.0	0%
Spanish EEZ	0.0	0%	£0.0	0%
Belgian EEZ	0.0	0%	£0.0	0%
German EEZ	0.0	0%	£0.0	0%
Danish EEZ	0.0	0%	£0.0	0%
Total EU EEZ	53.6	100%	£34.1	100%

Figure 9 Breakdown of the estimated weights and values of pelagic fish landed by UK fishing boats from the EU EEZ by Member State. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the EU EEZ by UK boats.)

United Kingdom Boats



Shellfish



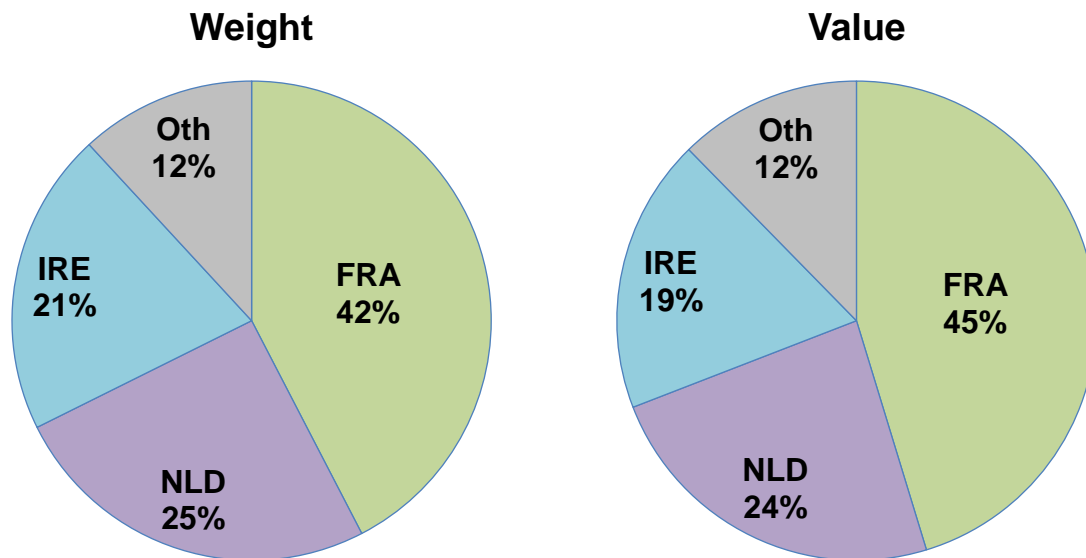
Shellfish	Weight ('000 t.)	Value (£ m)
UK EEZ	123.4	£240.0
French EEZ	4.6 49%	£8.2 47%
Irish EEZ	3.5 38%	£7.6 44%
German EEZ	0.9 10%	£1.2 7%
Dutch EEZ	0.2 2%	£0.3 2%
Danish EEZ	0.1 1%	£0.1 0%
Belgian EEZ	0.0 0%	£0.0 0%
Spanish EEZ	0.0 0%	£0.0 0%
Total EU EEZ	9.2 100%	£17.4 100%

Figure 10 Breakdown of the estimated weights and values of shellfish landed by UK fishing boats from the EU EEZ by Member State. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the EU EEZ by UK boats.)

United Kingdom Boats



Industrial Fish



Industrial Fish	Weight ('000 t.)	Value (£ m)
UK EEZ	10.0	£2.2
French EEZ	0.5 42%	£0.1 45%
Dutch EEZ	0.3 25%	£0.1 24%
Irish EEZ	0.2 20%	£0.0 19%
German EEZ	0.1 7%	£0.0 7%
Danish EEZ	0.1 5%	£0.0 5%
Belgian EEZ	0.0 0%	£0.0 0%
Spanish EEZ	0.0 0%	£0.0 0%
Total EU EEZ	1.1 100%	£0.2 100%

Figure 11 Breakdown of the estimated weights and values of industrial fish landed by UK fishing boats from the EU EEZ by Member State. (Annual average landings from 2011 to 2015. Countries ranked by value of landings. Percentages are of all landings from the EU EEZ by UK boats.)

Comparison with MMO Estimates

The estimates made in this study of the total weight and value of fish and shellfish landed by UK fishing boats from elsewhere in the EU EEZ in 2015 agree closely with those made by the Marine Management Organisation (Table 1)¹.

The weight of fish and shellfish estimated by this study to have been landed by UK fishing boats from other areas of the EU EEZ in 2015 was about 540 tonnes (<0.5%) greater than that estimated by the MMO, while their value was about £760,000 (<0.7%) less than that estimated by the MMO.

Table 1 Comparisons of the estimates of the total weight and value of fish and shellfish landed by UK fishing boats from the EU EEZ in 2015 from this study, with estimates by the Marine Management Organisation (MMO)⁸.

All Fish & Shellfish	2015	
	Weight (tonnes)	Value (£ 000)
This Study	111,293	£113,265
MMO⁸	110,751	£114,029
Difference	542	£764
% Difference from MMO	0.49%	0.67%

¹ Provisional Statistics - UK Fleet Landings from Other EU Member States' Waters: 2015. Marine Management Organisation, 1st Feb 2017. Available at: <https://www.gov.uk/government/statistics/provisional-statistics-uk-fleet-landings-from-other-eu-member-states-waters-2015>

Landings by EU Member State

The following sections summarise the weights and values of fish and shellfish landed by the fishing boats of individual EU Member States from the UK Exclusive Economic Zone, and by UK fishing boats from the EEZ of each Member State.

States are ordered geographically, from east to west:

- ◆ Sweden page 22
- ◆ Denmark page 29
- ◆ Germany page 37
- ◆ The Netherlands page 45
- ◆ Belgium page 53
- ◆ France page 61
- ◆ Spain page 69
- ◆ Ireland page 77

The final section (page 85) summarises the results for all EU boats and the whole EU EEZ (excluding the Baltic, Madeira and the Azores).

Swedish Landings from the UK EEZ and UK Landings from the Swedish EEZ



Over the five years from 2011 to 2015 Swedish fishing boats landed about 175,000 tonnes of fish and shellfish, worth about £66 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 12).

Of that, it is estimated that about 29,000 tonnes (16% of the total), worth about £10 million (11% of the total), were caught in the UK EEZ (Figure 12).

Swedish fishing boats accounted for only 2% of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats, or 1% by value (Figure 12).

Over the same period, it is not believed that UK fishing boats landed any fish and shellfish from the Swedish EEZ (Figure 12).

Breakdowns of these figures by species group are provided in Figure 13 (demersal fish), Figure 14 (pelagic fish), Figure 15 (shellfish), and Figure 16 (industrial fish).

Species

The principal species landed by Swedish fishing boats from the UK EEZ were herring and sandeels, which together accounted for more than 90% of the total, or 80% by value (Figure 17).

The next most important species landed from the UK EEZ by Swedish boats was mackerel, which accounted for most of the balance (Figure 17).

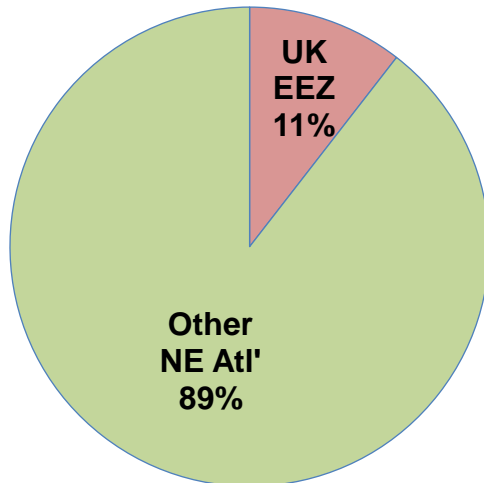
No fish or shellfish were landed by UK fishing boats from the Swedish EEZ.

Sweden

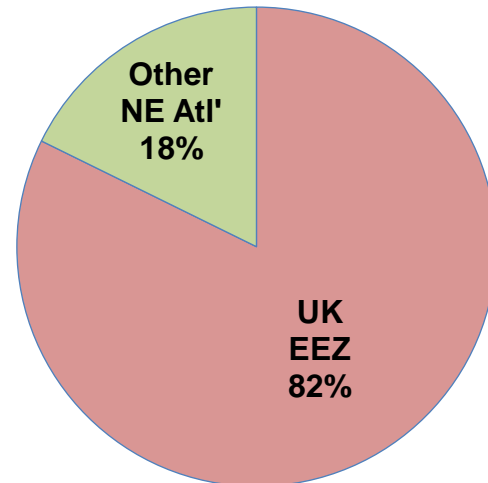


All Fish & Shellfish

Swedish Boats (£)



UK Boats (£)



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
Swedish Boats				
from Swedish EEZ	---	---	---	---
from UK EEZ	28.7	16%	£10.1	11%
from Elsewhere in NE Atlantic	146.5	84%	£85.8	89%
TOTAL	175.2	100%	£95.8	100%
UK Boats				
from Swedish EEZ	0.0	0%	£0.0	0%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	120.5	19%	£138.5	18%
TOTAL	647.2	100%	£781.1	100%
UK EEZ				
UK Boats	526.8	43%	£642.7	56%
Swedish Boats	28.7	2%	£10.1	1%
Other EU Boats	668.0	55%	£498.3	43%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Sweden:UK)	---		---	

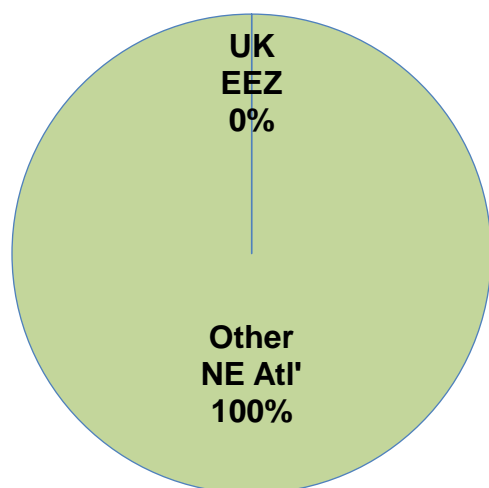
Figure 12 Breakdown of the estimated weights and values of all fish and shellfish landed by Swedish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the UK EEZ. There were no landings by UK boats from the Swedish EEZ. Swedish landings from the Swedish EEZ are not known. (Annual average landings from 2011 to 2015.)

Sweden

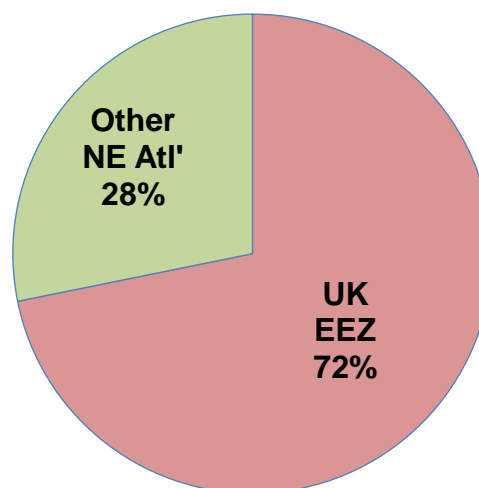


Demersal Fish

Swedish Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
Swedish Boats				
from Swedish EEZ	---	---	---	---
from UK EEZ	0.0	0%	£0.0	0%
from Elsewhere in NE Atlantic	13.7	100%	£25.3	100%
TOTAL	13.7	100%	£25.3	100%
UK Boats				
from Swedish EEZ	0.0	0%	£0.0	0%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	43.9	28%	£79.4	28%
TOTAL	158.3	100%	£281.7	100%
UK EEZ				
UK Boats	114.5	50%	£202.3	48%
Swedish Boats	0.0	0%	£0.0	0%
Other EU Boats	114.4	50%	£219.4	52%
TOTAL	228.9	100%	£421.7	100%
Ratio (Sweden:UK)	---		---	

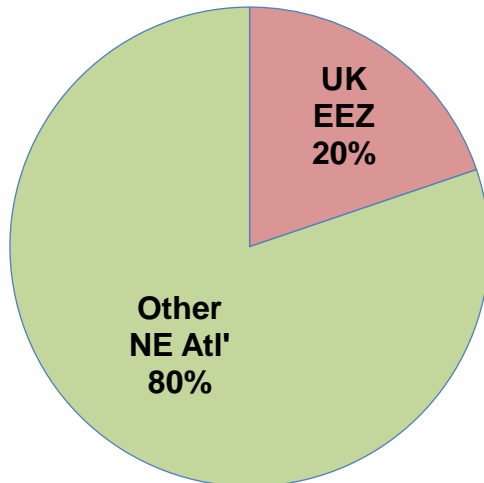
Figure 13 Breakdown of the estimated weights and values of demersal fish landed by Swedish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the UK EEZ. There were no landings by UK boats from the Swedish EEZ. Swedish landings from the Swedish EEZ are not known. (Annual average landings from 2011 to 2015.)

Sweden

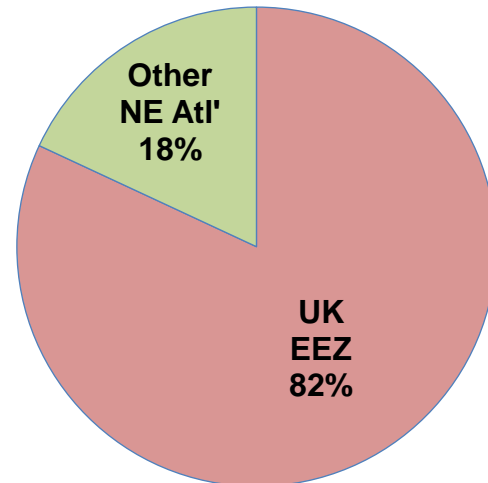


Pelagic Fish

Swedish Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
Swedish Boats				
from Swedish EEZ	---	---	---	---
from UK EEZ	14.1	18%	£6.7	20%
from Elsewhere in NE Atlantic	66.2	82%	£27.0	80%
TOTAL	80.3	100%	£33.7	100%
UK Boats				
from Swedish EEZ	0.0	0%	£0.0	0%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	65.4	20%	£40.0	18%
TOTAL	331.5	100%	£221.4	100%
UK EEZ				
UK Boats	266.1	38%	£181.4	45%
Swedish Boats	14.1	2%	£6.7	2%
Other EU Boats	412.9	60%	£212.0	53%
TOTAL	693.2	100%	£400.0	100%
Ratio (Sweden:UK)	---		---	

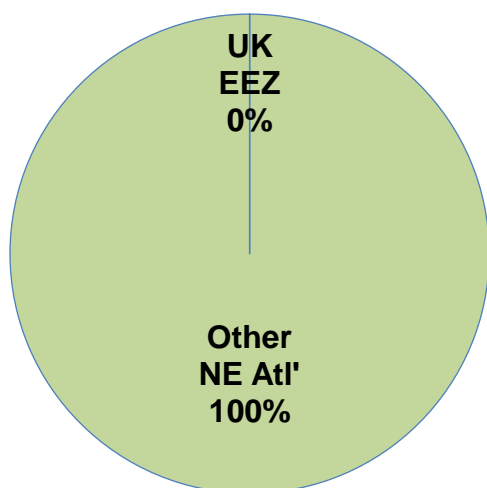
Figure 14 Breakdown of the estimated weights and values of pelagic fish landed by Swedish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the UK EEZ. There were no landings by UK boats from the Swedish EEZ. Swedish landings from the Swedish EEZ are not known. (Annual average landings from 2011 to 2015.)

Sweden

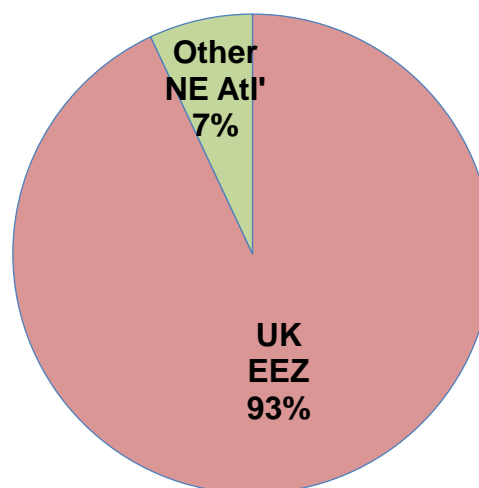


Shellfish

Swedish Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
Swedish Boats				
from Swedish EEZ	---	---	---	---
from UK EEZ	0.0	0%	£0.0	0%
from Elsewhere in NE Atlantic	2.9	100%	£19.0	100%
TOTAL	2.9	100%	£19.0	100%
UK Boats				
from Swedish EEZ	0.0	0%	£0.0	0%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	9.4	7%	£18.0	7%
TOTAL	132.8	100%	£258.0	100%
UK EEZ				
UK Boats	123.4	88%	£240.0	87%
Swedish Boats	---	---	---	---
Other EU Boats	16.3	12%	£34.9	13%
TOTAL	139.7	100%	£274.9	100%
Ratio (Sweden:UK)	---		---	

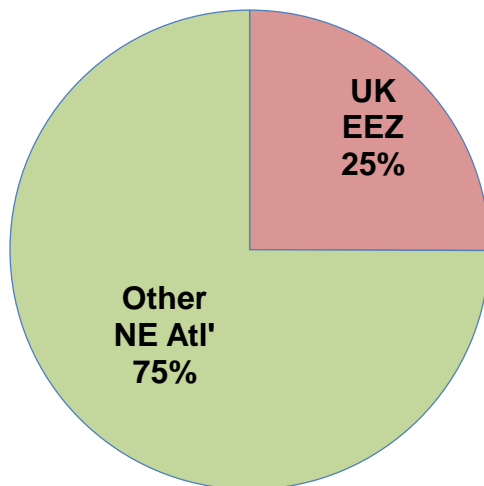
Figure 15 Breakdown of the estimated weights and values of shellfish landed by Swedish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the UK EEZ. There were no landings by UK boats from the Swedish EEZ. Swedish landings from the Swedish EEZ are not known. (Annual average landings from 2011 to 2015.)

Sweden

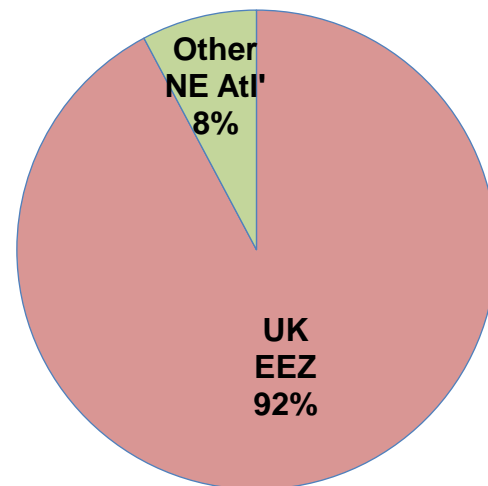


Industrial Fish

Swedish Boats (£)



UK Boats (£)



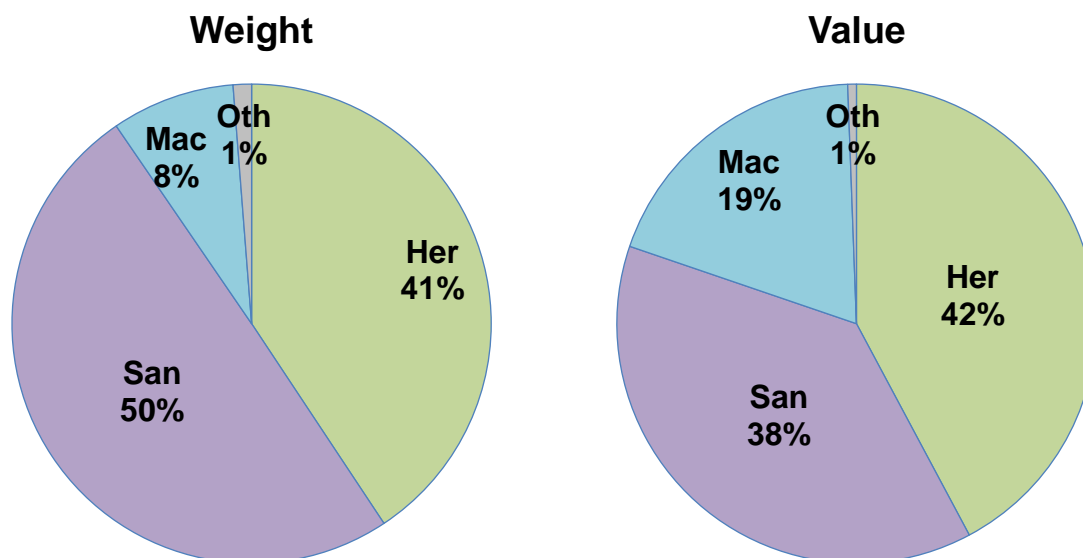
Industrial Fish	Weight ('000 t.)		Value (£ m)	
Swedish Boats				
from Swedish EEZ	---	---	---	---
from UK EEZ	14.6	19%	£4.5	25%
from Elsewhere in NE Atlantic	62.4	81%	£13.5	75%
TOTAL	77.1	100%	£18.0	100%
UK Boats				
from Swedish EEZ	0.0	0%	£0.0	0%
from UK EEZ	10.0	90%	£2.2	92%
from Elsewhere in NE Atlantic	1.1	10%	£0.2	8%
TOTAL	11.1	100%	£2.4	100%
UK EEZ				
UK Boats	10.0	7%	£2.2	6%
Swedish Boats	14.6	10%	£4.5	13%
Other EU Boats	118.6	83%	£29.1	81%
TOTAL	143.2	100%	£35.9	100%
Ratio (Sweden:UK)	---		---	

Figure 16 Breakdown of the estimated weights and values of industrial fish landed by Swedish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the UK EEZ. There were no landings by UK boats from the Swedish EEZ. Swedish landings from the Swedish EEZ are not known. (Annual average landings from 2011 to 2015.)

Sweden



Swedish Boats – UK EEZ



from UK EEZ	Weight ('000 t.)	Value (£ m)
Herring	11.7 41%	£4.9 42%
Sandeels	14.3 50%	£4.5 38%
Mackerel	2.4 8%	£2.2 19%
Sprat	0.3 1%	£0.1 0%
Horse Mackerel	0.0 0%	£0.0 0%
Norway Pout	0.1 0%	£0.0 0%
Haddock	0.0 0%	£0.0 0%
Whiting	0.0 0%	£0.0 0%
Saithe	0.0 0%	£0.0 0%
Grey Gurnard	0.0 0%	£0.0 0%
Other Species	0.0 0%	£0.0 0%
TOTAL	28.7 100%	£11.7 100%

Figure 17 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by Swedish fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Danish Landings from the UK EEZ and UK Landings from the Danish EEZ



Over the five years from 2011 to 2015 Danish fishing boats landed about 600,000 tonnes of fish and shellfish, with a value of about £320 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 18).

Of that, it is estimated that about 230,000 tonnes (38% of the total), worth some £90 million (28% of the total), were caught in the UK EEZ (Figure 18).

Danish fishing boats accounted for almost one-fifth of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats (19% by weight), or 8% by value (Figure 18).

Over the same period, it is estimated that UK fishing boats landed less than 6,000 tonnes of fish and shellfish, worth about £7 million, from the Danish EEZ each year, on average (Figure 18). That represents only about 1% of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

Danish boats thus landed about 40 times more fish and shellfish by weight, or 12 times more by value, from the UK EEZ than UK boats did from the Danish EEZ (Figure 18).

Breakdowns of these figures by species group are provided in Figure 19 (demersal fish), Figure 20 (pelagic fish), Figure 21 (shellfish), and Figure 22 (industrial fish).

Species

The principal species landed by Danish fishing boats from the UK EEZ were herring and mackerel, which together accounted for more than half of the total (52% by weight), and two-thirds (68%) by value (Figure 23).

The next most important species landed from the UK EEZ by Danish boats was sandeels, which accounted for almost one-third of the total (31% by weight), or almost one-fifth (18%) by value (Figure 23).

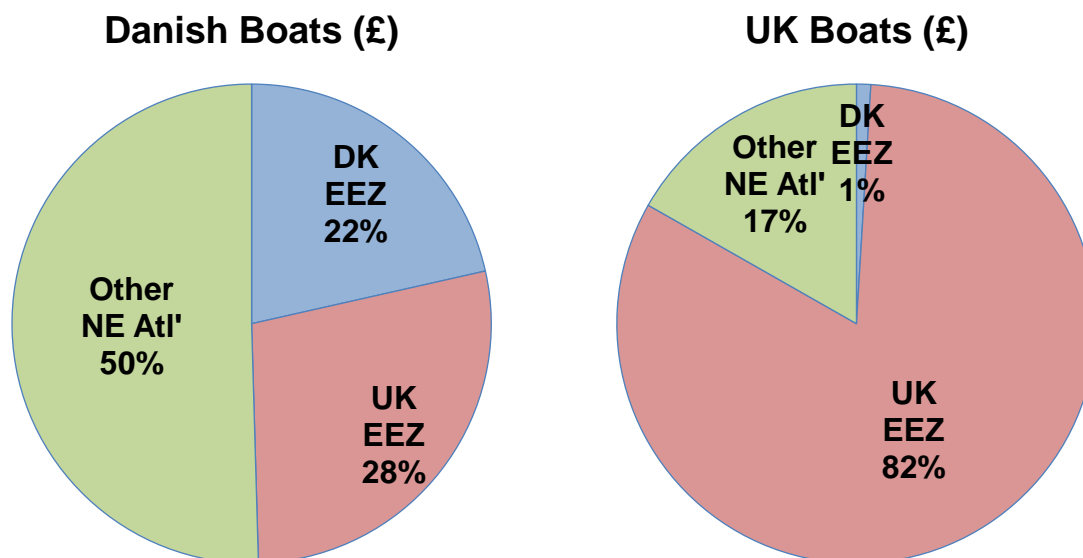
The principal species landed by UK fishing boats from the Danish EEZ was plaice, which accounted for more than four-fifths of the total (85% by weight), or almost three-quarters (73%) by value (Figure 24).

By value, the next most important species landed by UK boats from the Danish EEZ were turbot, lemon sole and common (Dover) sole (Figure 24), although the quantities involved were relatively small.

Denmark



All Fish & Shellfish



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by Danish Boats				
from Danish EEZ (exc. Baltic)	128.8	21%	£68.6	21%
from UK EEZ	228.1	38%	£89.7	28%
from Elsewhere in NE Atlantic	244.5	41%	£161.3	50%
TOTAL	601.4	100%	£319.6	100%
by UK Boats				
from Danish EEZ	5.7	1%	£7.5	1%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	114.8	18%	£131.0	17%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by Danish Boats	228.1	19%	£89.7	8%
by Other EU Boats	468.6	38%	£418.6	36%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Denmark:UK)	39.9 : 1		11.9 : 1	

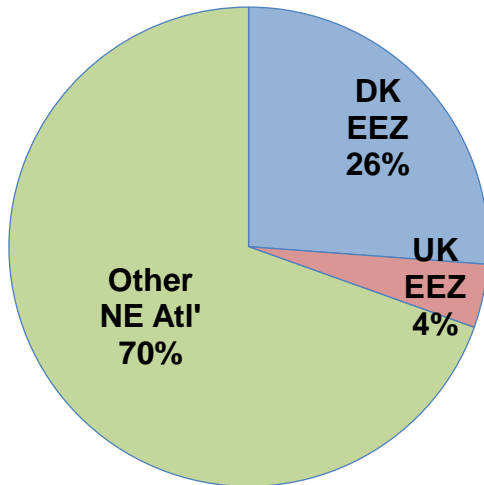
Figure 18 Breakdown of the estimated weights and values of all fish and shellfish landed by Danish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Danish and UK EEZs. 'Ratio' = ratio of Danish boats' landings from UK EEZ to UK boats' landings from Danish EEZ. (Annual average landings from 2011 to 2015. Danish EEZ excludes area in Baltic.)

Denmark

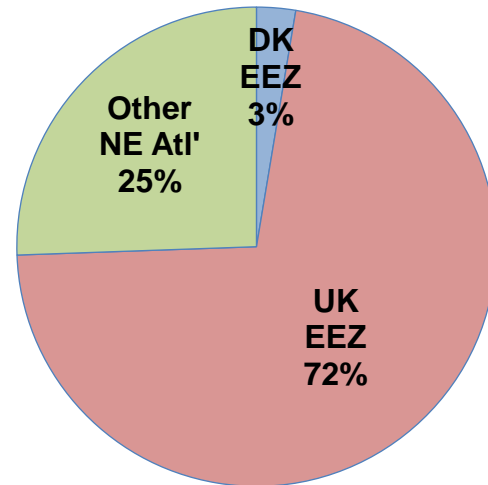


Demersal Fish

Danish Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
by Danish Boats				
from Danish EEZ (exc. Baltic)	21.1	29%	£30.1	26%
from UK EEZ	3.4	5%	£4.9	4%
from Elsewhere in NE Atlantic	48.0	66%	£79.9	70%
TOTAL	72.5	100%	£115.0	100%
by UK Boats				
from Danish EEZ	5.6	4%	£7.4	3%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	38.3	24%	£72.0	26%
TOTAL	158.3	100%	£281.7	100%
from UK EEZ				
by UK Boats	114.5	50%	£202.3	48%
by Danish Boats	3.4	1%	£4.9	1%
by Other EU Boats	111.0	49%	£214.4	51%
TOTAL	228.9	100%	£421.7	100%
Ratio (Denmark:UK)	0.6 : 1		0.7 : 1	

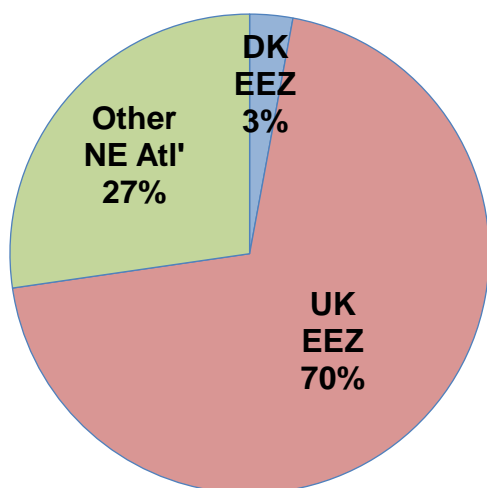
Figure 19 Breakdown of the estimated weights and values of demersal fish landed by Danish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Danish and UK EEZs. 'Ratio' = ratio of Danish boats' landings from UK EEZ to UK boats' landings from Danish EEZ. (Annual average landings from 2011 to 2015. Danish EEZ excludes area in Baltic.)

Denmark

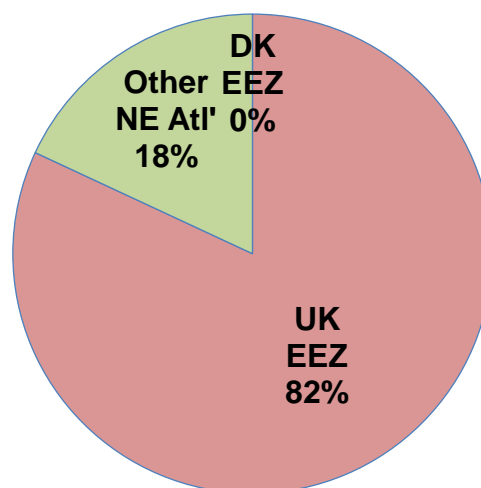


Pelagic Fish

Danish Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by Danish Boats				
from Danish EEZ (exc. Baltic)	6.4	3%	£2.7	3%
from UK EEZ	126.7	67%	£64.0	70%
from Elsewhere in NE Atlantic	55.8	30%	£25.0	27%
TOTAL	188.9	100%	£91.7	100%
by UK Boats				
from Danish EEZ	0.0	0%	£0.0	0%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	65.4	20%	£40.0	18%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by Danish Boats	126.7	18%	£64.0	16%
by Other EU Boats	300.4	43%	£154.6	39%
TOTAL	693.2	100%	£400.0	100%
Ratio (Denmark:UK)	>1000 : 1		>1000 : 1	

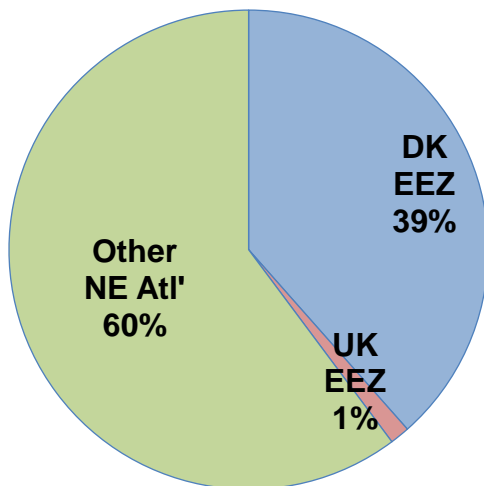
Figure 20 Breakdown of the estimated weights and values of pelagic fish landed by Danish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Danish and UK EEZs. 'Ratio' = ratio of Danish boats' landings from UK EEZ to UK boats' landings from Danish EEZ. (Annual average landings from 2011 to 2015. Danish EEZ excludes area in Baltic.)

Denmark

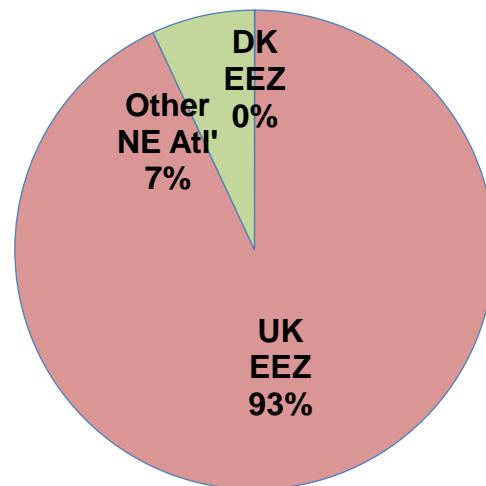


Shellfish

Danish Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by Danish Boats				
from Danish EEZ (exc. Baltic)	23.3	70%	£19.1	38%
from UK EEZ	0.1	0%	£0.7	1%
from Elsewhere in NE Atlantic	9.8	29%	£29.9	60%
TOTAL	33.2	100%	£49.6	100%
by UK Boats				
from Danish EEZ	0.1	0%	£0.1	0%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	9.4	7%	£17.9	7%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by Danish Boats	0.1	0%	£0.7	0%
by Other EU Boats	16.2	12%	£34.3	12%
TOTAL	139.7	100%	£274.9	100%
Ratio (Denmark:UK)	1.9 : 1		8.0 : 1	

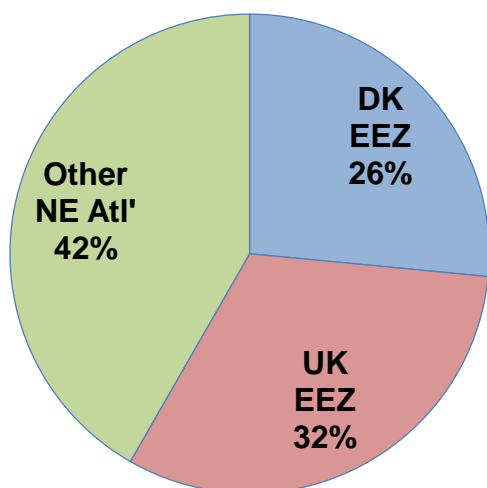
Figure 21 Breakdown of the estimated weights and values of shellfish landed by Danish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Danish and UK EEZs. 'Ratio' = ratio of Danish boats' landings from UK EEZ to UK boats' landings from Danish EEZ. (Annual average landings from 2011 to 2015. Danish EEZ excludes area in Baltic.)

Denmark

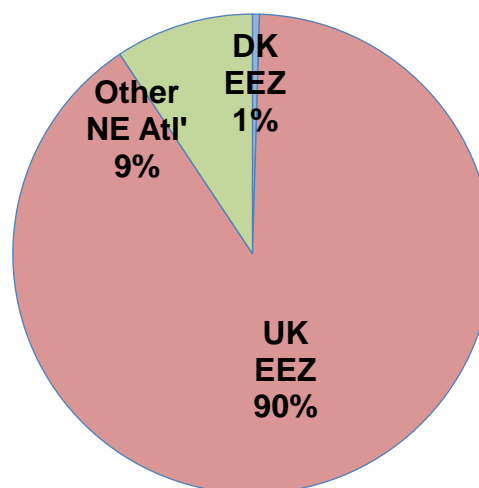


Industrial Fish

Danish Boats (£)



UK Boats (£)



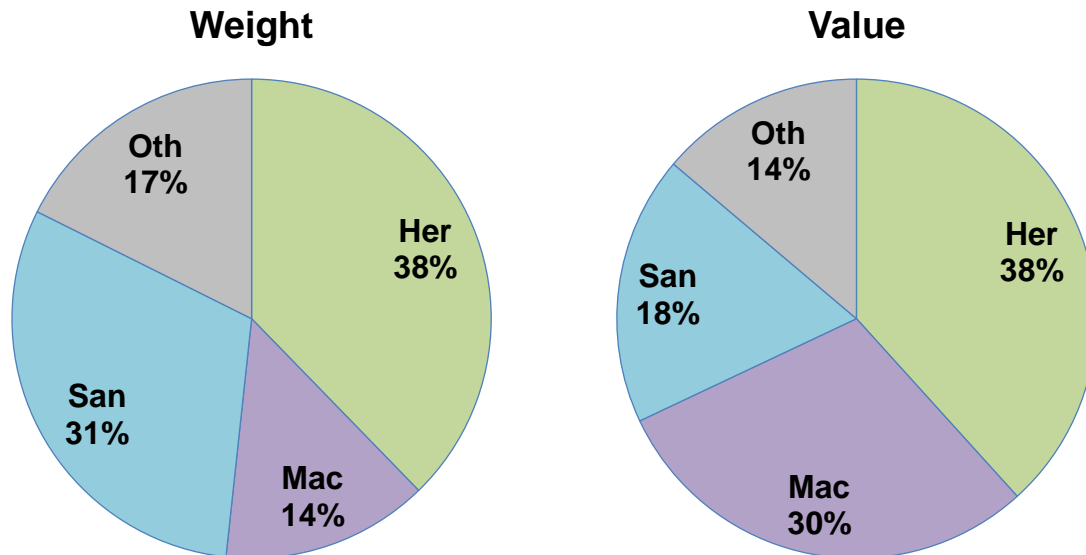
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by Danish Boats				
from Danish EEZ (exc. Baltic)	78.0	25%	£16.8	27%
from UK EEZ	98.0	32%	£20.1	32%
from Elsewhere in NE Atlantic	130.9	43%	£26.4	42%
TOTAL	306.9	100%	£63.3	100%
by UK Boats				
from Danish EEZ	0.1	0%	£0.0	0%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	1.1	10%	£0.2	9%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by Danish Boats	98.0	68%	£20.1	66%
by Other EU Boats	35.2	25%	£7.9	26%
TOTAL	143.2	100%	£30.2	100%
Ratio (Denmark:UK)	>1000 : 1		>1000 : 1	

Figure 22 Breakdown of the estimated weights and values of industrial fish landed by Danish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Danish and UK EEZs. 'Ratio' = ratio of Danish boats' landings from UK EEZ to UK boats' landings from Danish EEZ. (Annual average landings from 2011 to 2015. Danish EEZ excludes area in Baltic.)

Denmark



Danish Boats – UK EEZ



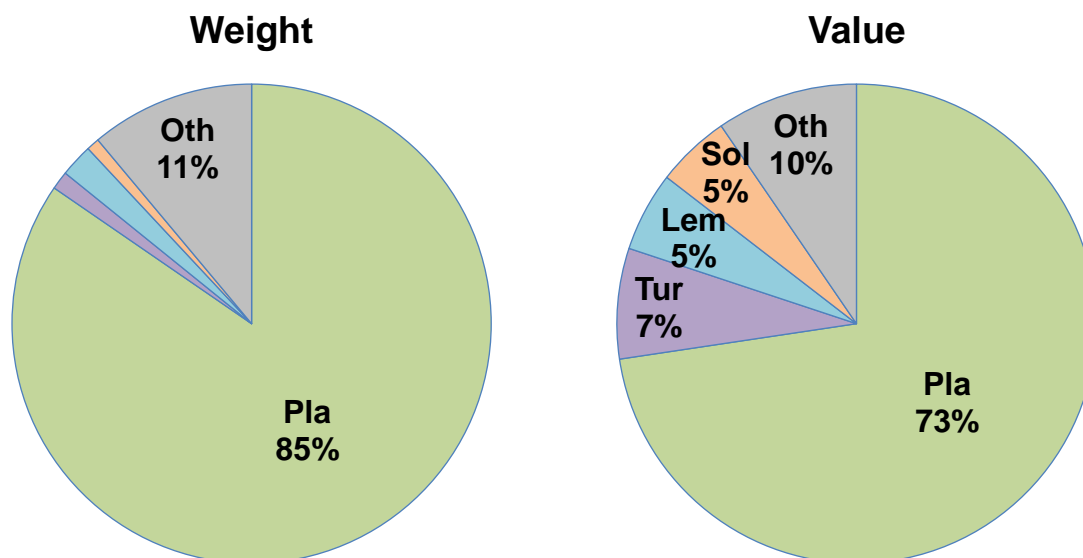
from UK EEZ	Weight ('000 t.)		Value (£ m)	
Herring	86.1	38%	£34.4	38%
Mackerel	31.9	14%	£26.6	30%
Sandeels	69.9	31%	£16.3	18%
Sprat	7.4	3%	£1.5	2%
Blue Whiting	5.3	2%	£1.3	1%
Norway Pout	15.3	7%	£1.3	1%
Horse Mackerel	2.8	1%	£1.1	1%
Hake	0.4	0%	£1.0	1%
Cod	4.8	2%	£0.9	1%
Plaice	0.4	0%	£0.8	1%
Other Species	3.8	2%	£4.5	5%
TOTAL	228.1	100%	£89.7	100%

Figure 23 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by Danish fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Denmark



UK Boats – Danish EEZ



from Danish EEZ	Weight ('000 t.)		Value (£ m)	
Plaice	4.8	85%	£5.5	73%
Turbot	0.1	1%	£0.6	7%
Lemon Sole	0.1	2%	£0.4	5%
Common Sole	0.0	1%	£0.4	5%
Cod	0.1	2%	£0.2	3%
Other Species	0.5	9%	£0.5	7%
TOTAL	5.7	100%	£7.5	100%

Figure 24 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the Danish EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

German Landings from the UK EEZ and UK Landings from the German EEZ



Over the five years from 2011 to 2015 German fishing boats landed almost 210,000 tonnes of fish and shellfish, with a value of almost £190 million from the North-East Atlantic (FAO Area 27) each year, on average (Figure 25).

Of that, it is estimated that about 70,000 tonnes (34% of the total), worth some £35 million (18% of the total), were caught in the UK EEZ (Figure 25).

German fishing boats accounted for 6% (by weight) of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats, or 3% by value (Figure 25).

Over the same period, it is estimated that UK fishing boats landed less than 4,000 tonnes of fish and shellfish, worth about £5 million, from the German EEZ each year, on average (Figure 25). That represents only about 1% of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

German boats thus landed about 19 times more fish and shellfish by weight, or 7 times more by value, from the UK EEZ than UK boats did from the German EEZ (Figure 25).

Breakdowns of these figures by species group are provided in Figure 26 (demersal fish), Figure 27 (pelagic fish), Figure 28 (shellfish), and Figure 29 (industrial fish).

Species

The principal species landed by German fishing boats from the UK EEZ were mackerel and herring, which together accounted for about two-thirds of the total (67% by weight), or almost three-quarters (72%) by value (Figure 30).

The next most important species landed from the UK EEZ by German boats were blue whiting (14% by weight, 7% by value) and horse mackerel (7% by weight, 6% by value).

The principal species landed by UK fishing boats from the German EEZ was plaice, which accounted for almost two-thirds of the total (62% by weight), or half (50%) by value (Figure 31).

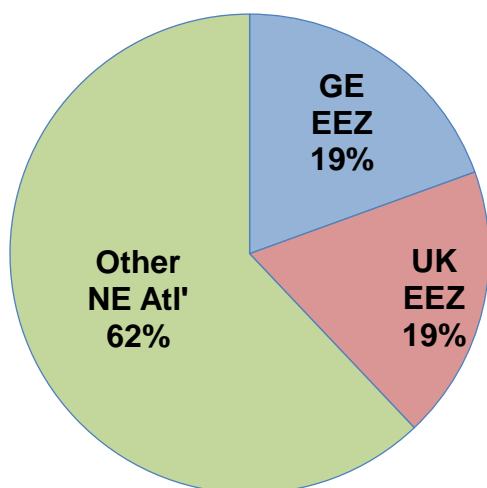
By value, the next most important species landed by UK boats from the German EEZ were edible crabs, common (Dover) sole and turbot (Figure 31), although the quantities of the latter two species were relatively small.

Germany

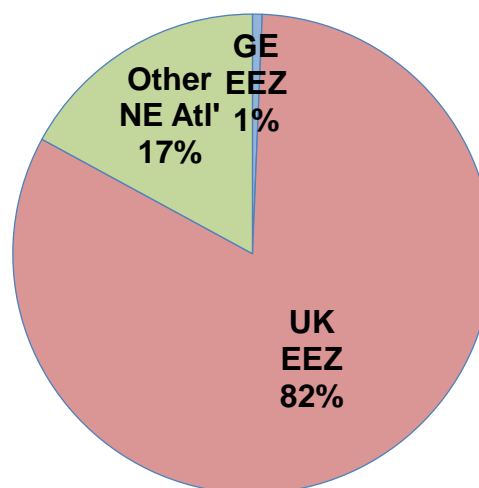


All Fish & Shellfish

German Boats (£)



UK Boats (£)



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by German Boats				
from German EEZ (exc. Baltic)	16.0	8%	£37.1	19%
from UK EEZ	70.3	34%	£35.2	18%
from Elsewhere in NE Atlantic	123.0	59%	£118.4	62%
TOTAL	209.2	100%	£190.7	100%
by UK Boats				
from German EEZ	3.6	1%	£5.1	1%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	116.8	18%	£133.4	17%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by German Boats	70.3	6%	£35.2	3%
by Other EU Boats	626.4	51%	£473.1	41%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Germany:UK)	19.4 : 1		6.9 : 1	

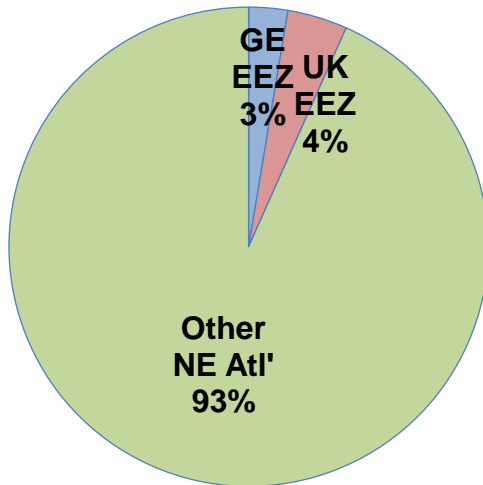
Figure 25 Breakdown of the estimated weights and values of all fish and shellfish landed by German and UK fishing boats from the North East Atlantic (FAO Area 27) and from the German and UK EEZs. 'Ratio' = ratio of German boats' landings from UK EEZ to UK boats' landings from German EEZ. (Annual average landings from 2011 to 2015. German EEZ excludes area in Baltic.)

Germany

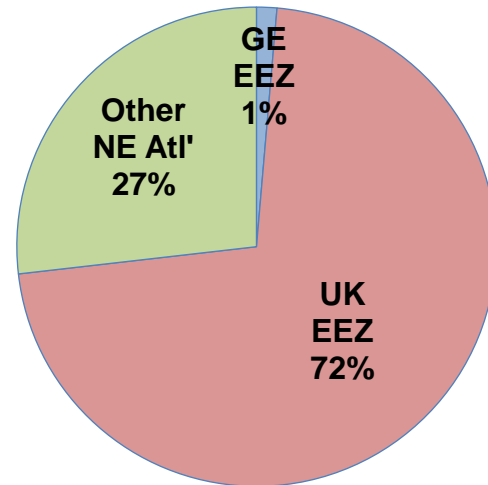


Demersal Fish

German Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)	Value (£ m)
by German Boats		
from German EEZ (exc. Baltic)	1.2	£2.4
from UK EEZ	2.4	£3.7
from Elsewhere in NE Atlantic	48.0	£85.1
TOTAL	51.6	£91.2
by UK Boats		
from German EEZ	2.6	£3.9
from UK EEZ	114.5	£202.3
from Elsewhere in NE Atlantic	41.3	£75.5
TOTAL	158.3	£281.7
from UK EEZ		
by UK Boats	114.5	£202.3
by German Boats	2.4	£3.7
by Other EU Boats	112.0	£215.7
TOTAL	228.9	£421.7
Ratio (Germany:UK)	0.9 : 1	1.0 : 1

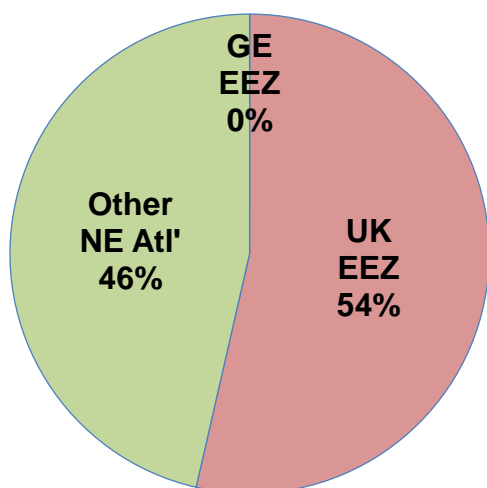
Figure 26 Breakdown of the estimated weights and values of demersal fish landed by German and UK fishing boats from the North East Atlantic (FAO Area 27) and from the German and UK EEZs. 'Ratio' = ratio of German boats' landings from UK EEZ to UK boats' landings from German EEZ. (Annual average landings from 2011 to 2015. German EEZ excludes area in Baltic.)

Germany

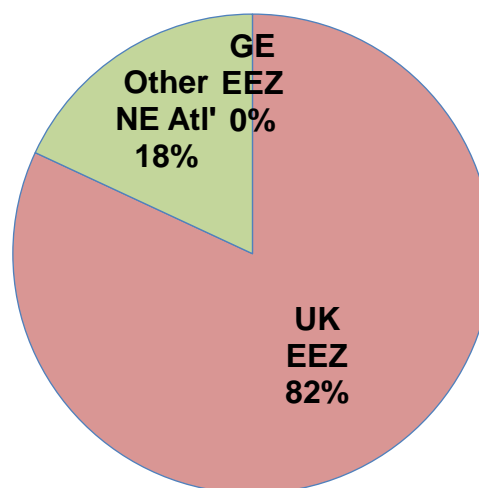


Pelagic Fish

German Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by German Boats				
from German EEZ (exc. Baltic)	0.0	0%	£0.0	0%
from UK EEZ	62.4	52%	£30.1	54%
from Elsewhere in NE Atlantic	58.4	48%	£26.1	46%
TOTAL	120.8	100%	£56.3	100%
by UK Boats				
from German EEZ	0.0	0%	£0.0	0%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	65.4	20%	£40.0	18%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by German Boats	62.4	9%	£30.1	8%
by Other EU Boats	364.6	53%	£188.5	47%
TOTAL	693.2	100%	£400.0	100%
Ratio (Germany:UK)	>1000 : 1		>1000 : 1	

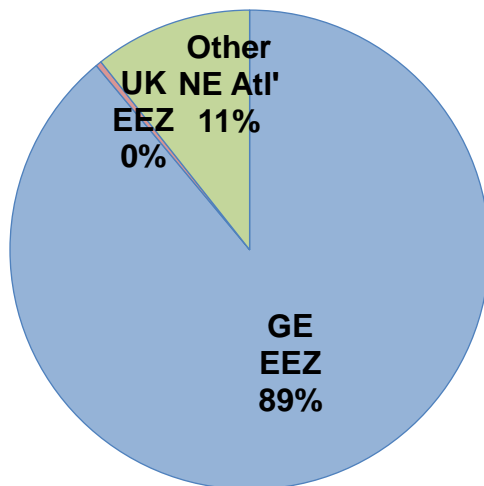
Figure 27 Breakdown of the estimated weights and values of pelagic fish landed by German and UK fishing boats from the North East Atlantic (FAO Area 27) and from the German and UK EEZs. 'Ratio' = ratio of German boats' landings from UK EEZ to UK boats' landings from German EEZ. (Annual average landings from 2011 to 2015. German EEZ excludes area in Baltic.)

Germany

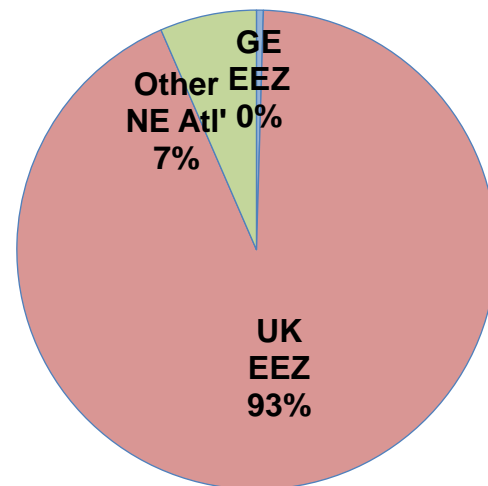


Shellfish

German Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by German Boats				
from German EEZ (exc. Baltic)	14.2	89%	£34.6	89%
from UK EEZ	0.1	0%	£0.2	0%
from Elsewhere in NE Atlantic	1.7	11%	£4.1	11%
TOTAL	16.0	100%	£38.9	100%
by UK Boats				
from German EEZ	0.9	1%	£1.2	0%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	8.5	6%	£16.8	7%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by German Boats	0.1	0%	£0.2	0%
by Other EU Boats	16.2	12%	£34.8	13%
TOTAL	139.7	100%	£274.9	100%
Ratio (Germany:UK)	0.1 : 1		0.1 : 1	

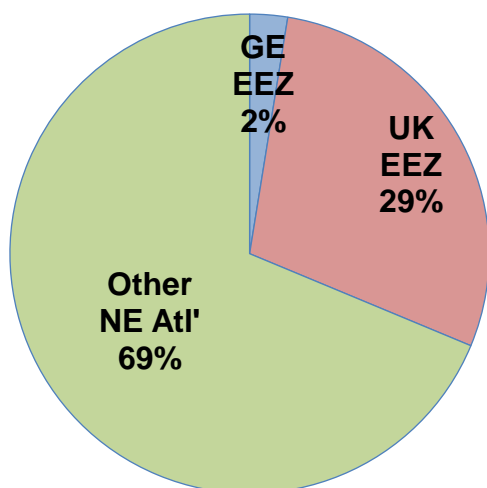
Figure 28 Breakdown of the estimated weights and values of shellfish landed by German and UK fishing boats from the North East Atlantic (FAO Area 27) and from the German and UK EEZs. 'Ratio' = ratio of German boats' landings from UK EEZ to UK boats' landings from German EEZ. (Annual average landings from 2011 to 2015. German EEZ excludes area in Baltic.)

Germany

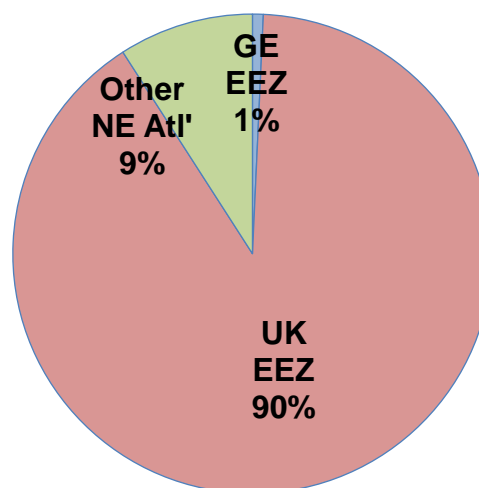


Industrial Fish

German Boats (£)



UK Boats (£)



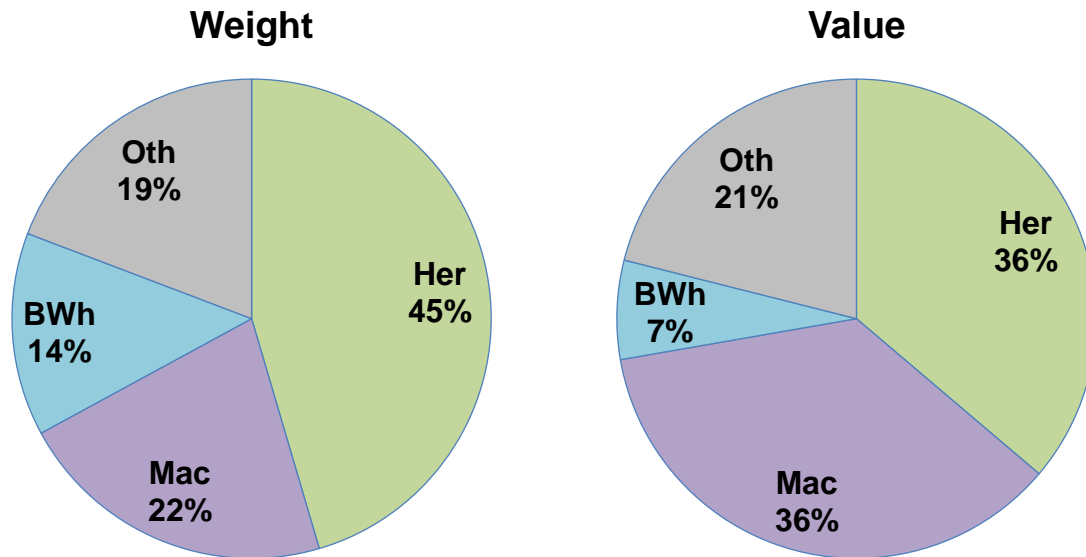
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by German Boats				
from German EEZ (exc. Baltic)	0.6	3%	£0.1	3%
from UK EEZ	5.4	26%	£1.3	29%
from Elsewhere in NE Atlantic	14.8	71%	£3.0	69%
TOTAL	20.8	100%	£4.4	100%
by UK Boats				
from German EEZ	0.1	1%	£0.0	1%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	1.1	9%	£0.2	9%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by German Boats	5.4	4%	£1.3	4%
by Other EU Boats	127.8	89%	£26.8	89%
TOTAL	143.2	100%	£30.2	100%
Ratio (Germany:UK)	68.1 : 1		71.3 : 1	

Figure 29 Breakdown of the estimated weights and values of industrial fish landed by German and UK fishing boats from the North East Atlantic (FAO Area 27) and from the German and UK EEZs. 'Ratio' = ratio of German boats' landings from UK EEZ to UK boats' landings from German EEZ. (Annual average landings from 2011 to 2015. German EEZ excludes area in Baltic.)

Germany



German Boats – UK EEZ



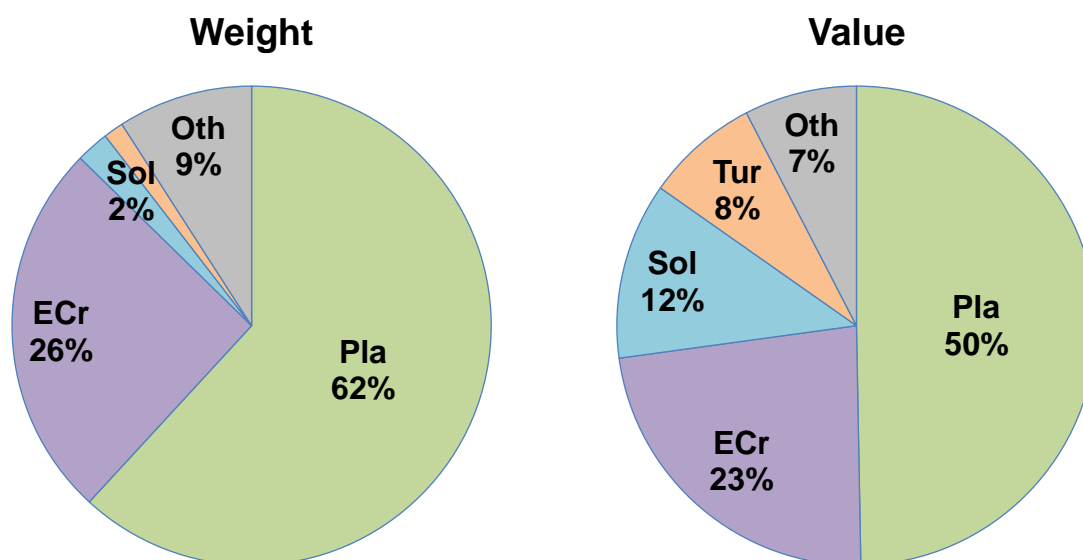
from UK EEZ	Weight ('000 t.)		Value (£ m)	
Herring	32.0	45%	£12.8	36%
Mackerel	15.2	22%	£12.7	36%
Blue Whiting	9.6	14%	£2.4	7%
Horse Mackerel	5.2	7%	£2.1	6%
Saithe	1.3	2%	£1.3	4%
Monks	0.4	1%	£1.1	3%
Sandeels	4.1	6%	£1.0	3%
Plaice	0.4	1%	£0.4	1%
Common Sole	0.0	0%	£0.3	1%
Argentine	1.3	2%	£0.3	1%
Other Species	0.9	1%	£0.9	3%
TOTAL	70.3	100%	£35.2	100%

Figure 30 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by German fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Germany



UK Boats – German EEZ



from German EEZ	Weight ('000 t.)		Value (£ m)	
Plaice	2.2	62%	£2.5	50%
Edible Crab	0.9	25%	£1.2	23%
Common Sole	0.1	2%	£0.6	12%
Turbot	0.0	1%	£0.4	8%
Lemon Sole	0.0	1%	£0.1	2%
Other Species	0.3	8%	£0.3	5%
TOTAL	3.6	100%	£5.1	100%

Figure 31 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the German EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Dutch Landings from the UK EEZ and UK Landings from the Dutch EEZ



Over the five years from 2011 to 2015 Dutch fishing boats landed almost 300,000 tonnes of fish and shellfish, with a value of just over £260 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 32).

Of that, it is estimated that about 146,000 tonnes (50% of the total), worth some £95 million (36% of the total), were caught in the UK EEZ (Figure 32).

Dutch fishing boats accounted for 12% of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats, or 8% by value (Figure 32).

Over the same period, it is estimated that UK fishing boats landed less than 5,000 tonnes of fish and shellfish, worth about £7 million, from the Dutch EEZ each year, on average (Figure 32). That represents only about 1% of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

Dutch boats thus landed about 30 times more fish and shellfish by weight, or 14 times more by value, from the UK EEZ than UK boats did from the Dutch EEZ (Figure 32).

Breakdowns of these figures by species group are provided in Figure 33 (demersal fish), Figure 34 (pelagic fish), Figure 35 (shellfish), and Figure 36 (industrial fish).

Species

The principal species landed by Dutch fishing boats from the UK EEZ was herring, which accounted for two-fifths of the total (42% by weight), or about one-quarter (26%) by value (Figure 37).

By value, the next most important species landed from the UK EEZ by Dutch boats were common (Dover) sole (21% by value), mackerel (18%), blue whiting (9%) and plaice (9%) (Figure 37). By weight, the most important species after herring landed by Dutch boats from the UK EEZ were blue whiting (22% by weight), mackerel (14%) and horse mackerel (10%).

The principal species landed by UK fishing boats from the Dutch EEZ was plaice, which accounted for three-quarters of the total (77% by weight), or three-fifths (60%) by value (Figure 38).

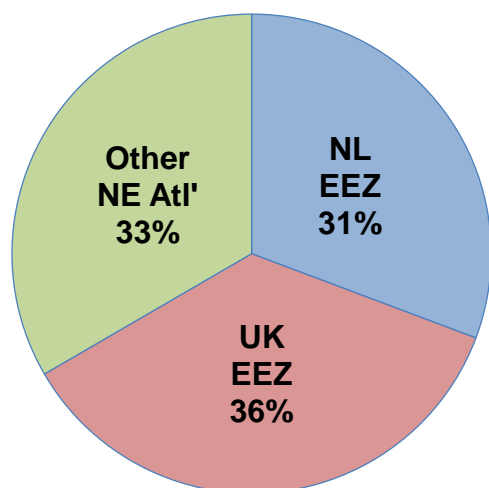
By value, the next most important species landed by UK boats from the Dutch EEZ were common (Dover) sole and turbot (Figure 38), although the quantities involved were relatively small.

Netherlands

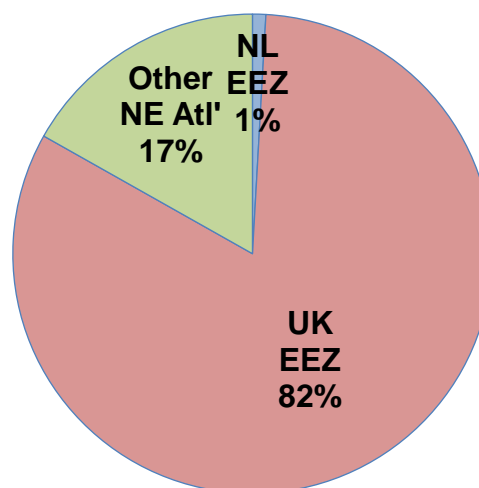


All Fish & Shellfish

Dutch Boats (£)



UK Boats (£)



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by Dutch Boats				
from Dutch EEZ	34.6	12%	£80.9	31%
from UK EEZ	146.2	50%	£94.5	36%
from Elsewhere in NE Atlantic	112.1	38%	£87.9	33%
TOTAL	292.9	100%	£263.3	100%
by UK Boats				
from Dutch EEZ	4.8	1%	£7.0	1%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	115.6	18%	£131.5	17%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by Dutch Boats	146.2	12%	£94.5	8%
by Other EU Boats	550.5	45%	£413.8	36%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Netherlands:UK)	30.3 : 1		13.5 : 1	

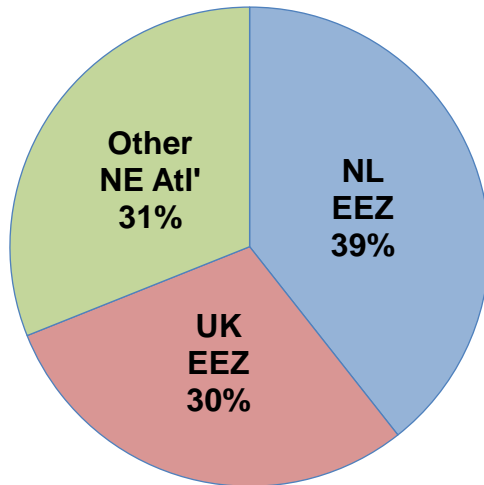
Figure 32 Breakdown of the estimated weights and values of all fish and shellfish landed by Dutch and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Dutch and UK EEZs. 'Ratio' = ratio of Dutch boats' landings from UK EEZ to UK boats' landings from Dutch EEZ. (Annual average landings from 2011 to 2015.)

Netherlands

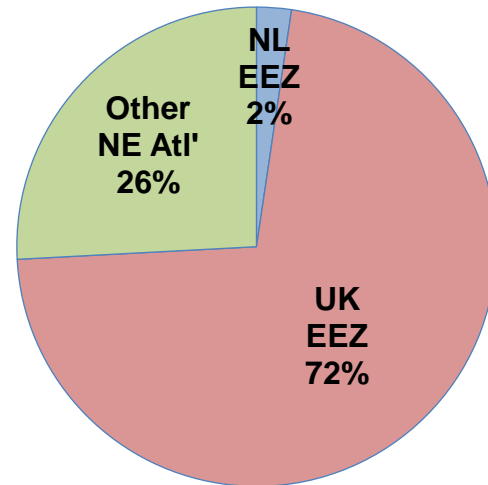


Demersal Fish

Dutch Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
by Dutch Boats				
from Dutch EEZ	18.4	37%	£49.0	39%
from UK EEZ	13.2	27%	£36.8	30%
from Elsewhere in NE Atlantic	18.0	36%	£38.6	31%
TOTAL	49.6	100%	£124.3	100%
by UK Boats				
from Dutch EEZ	4.3	3%	£6.6	2%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	39.6	25%	£72.8	26%
TOTAL	158.3	100%	£281.7	100%
from UK EEZ				
by UK Boats	114.5	50%	£202.3	48%
by Dutch Boats	13.2	6%	£36.8	9%
by Other EU Boats	101.2	44%	£182.6	43%
TOTAL	228.9	100%	£421.7	100%
Ratio (Netherlands:UK)	3.1 : 1		5.6 : 1	

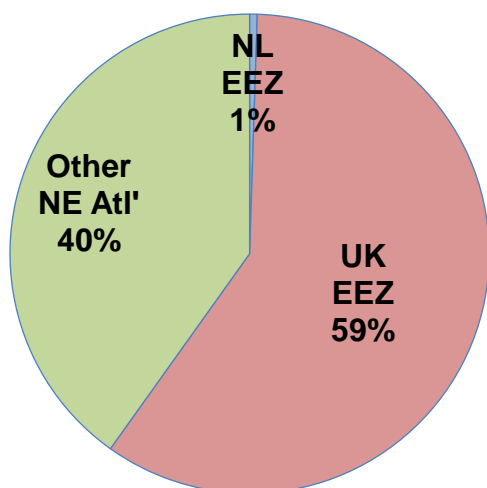
Figure 33 Breakdown of the estimated weights and values of demersal fish landed by Dutch and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Dutch and UK EEZs. 'Ratio' = ratio of Dutch boats' landings from UK EEZ to UK boats' landings from Dutch EEZ. (Annual average landings from 2011 to 2015.)

Netherlands

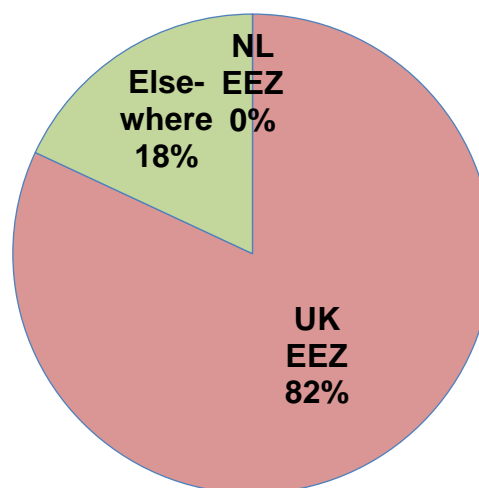


Pelagic Fish

Dutch Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by Dutch Boats				
from Dutch EEZ	0.8	0%	£0.5	1%
from UK EEZ	127.3	59%	£55.0	59%
from Elsewhere in NE Atlantic	88.5	41%	£37.2	40%
TOTAL	216.6	100%	£92.6	100%
by UK Boats				
from Dutch EEZ	0.1	0%	£0.0	0%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	65.3	20%	£40.0	18%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by Dutch Boats	127.3	18%	£55.0	14%
by Other EU Boats	299.8	43%	£163.7	41%
TOTAL	693.2	100%	£400.0	100%
Ratio (Netherlands:UK)	>1000 : 1		>1000 : 1	

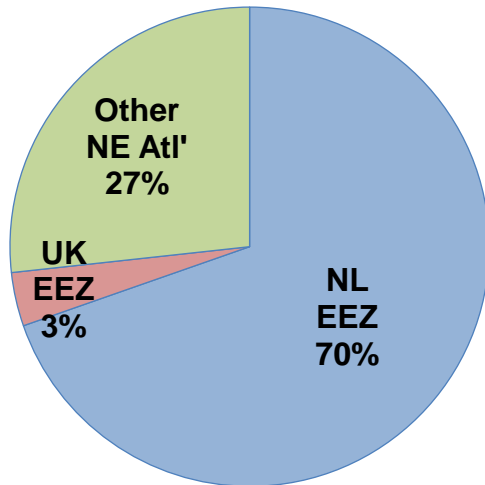
Figure 34 Breakdown of the estimated weights and values of pelagic fish landed by Dutch and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Dutch and UK EEZs. 'Ratio' = ratio of Dutch boats' landings from UK EEZ to UK boats' landings from Dutch EEZ. (Annual average landings from 2011 to 2015.)

Netherlands

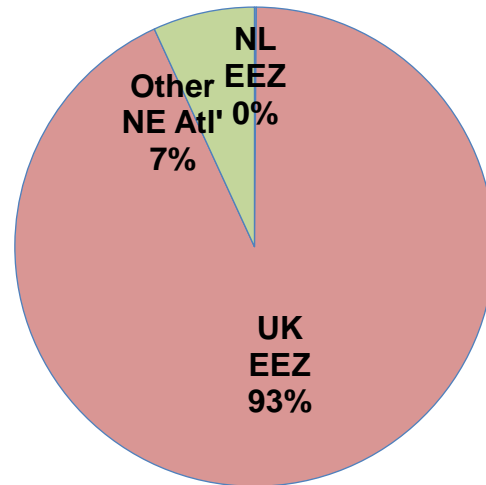


Shellfish

Dutch Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by Dutch Boats				
from Dutch EEZ	13.6	71%	£31.1	70%
from UK EEZ	0.6	3%	£1.6	4%
from Elsewhere in NE Atlantic	4.9	26%	£11.9	27%
TOTAL	19.0	100%	£44.6	100%
by UK Boats				
from Dutch EEZ	0.2	0%	£0.3	0%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	9.3	7%	£17.7	7%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by Dutch Boats	0.6	0%	£1.6	1%
by Other EU Boats	15.7	11%	£33.3	12%
TOTAL	139.7	100%	£274.9	100%
Ratio (Netherlands:UK)	3.6 : 1		5.1 : 1	

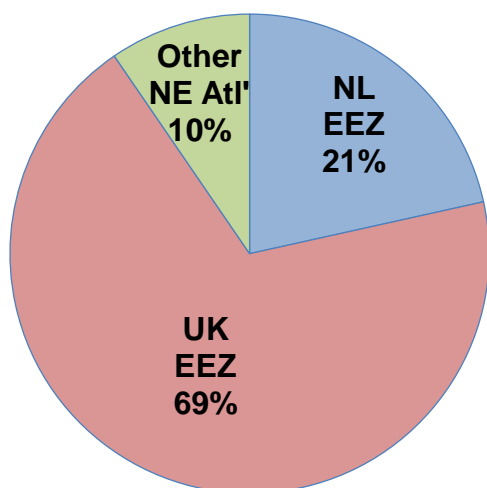
Figure 35 Breakdown of the estimated weights and values of shellfish landed by Dutch and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Dutch and UK EEZs. 'Ratio' = ratio of Dutch boats' landings from UK EEZ to UK boats' landings from Dutch EEZ. (Annual average landings from 2011 to 2015.)

Netherlands

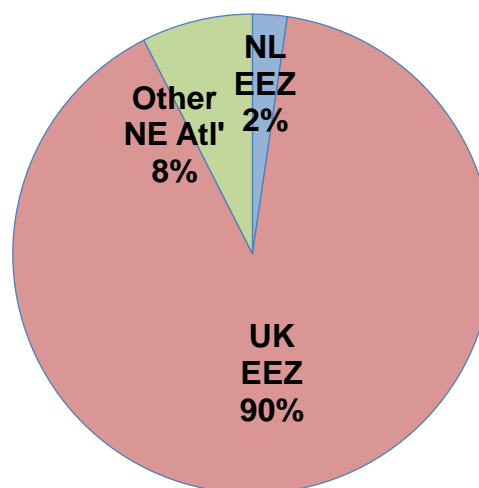


Industrial Fish

Dutch Boats (£)



UK Boats (£)



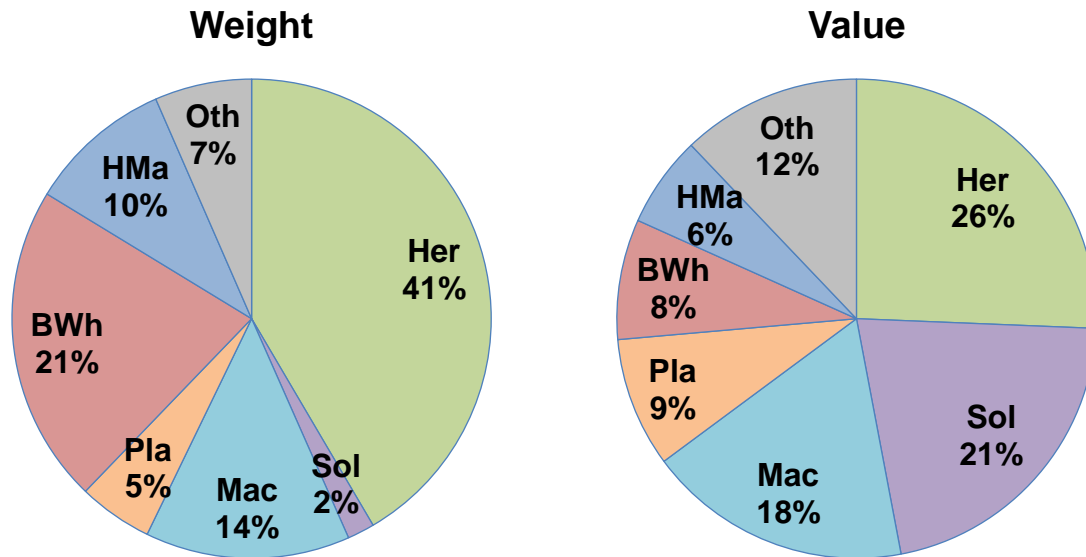
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by Dutch Boats				
from Dutch EEZ	1.8	24%	£0.4	22%
from UK EEZ	5.1	67%	£1.2	69%
from Elsewhere in NE Atlantic	0.7	10%	£0.2	10%
TOTAL	7.7	100%	£1.7	100%
by UK Boats				
from Dutch EEZ	0.3	3%	£0.1	2%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	0.8	8%	£0.2	7%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by Dutch Boats	5.1	4%	£1.2	4%
by Other EU Boats	128.1	89%	£26.9	89%
TOTAL	143.2	100%	£30.2	100%
Ratio (Netherlands:UK)	18.0 : 1		20.6 : 1	

Figure 36 Breakdown of the estimated weights and values of industrial fish landed by Dutch and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Dutch and UK EEZs. 'Ratio' = ratio of Dutch boats' landings from UK EEZ to UK boats' landings from Dutch EEZ. (Annual average landings from 2011 to 2015.)

Netherlands



Dutch Boats – UK EEZ



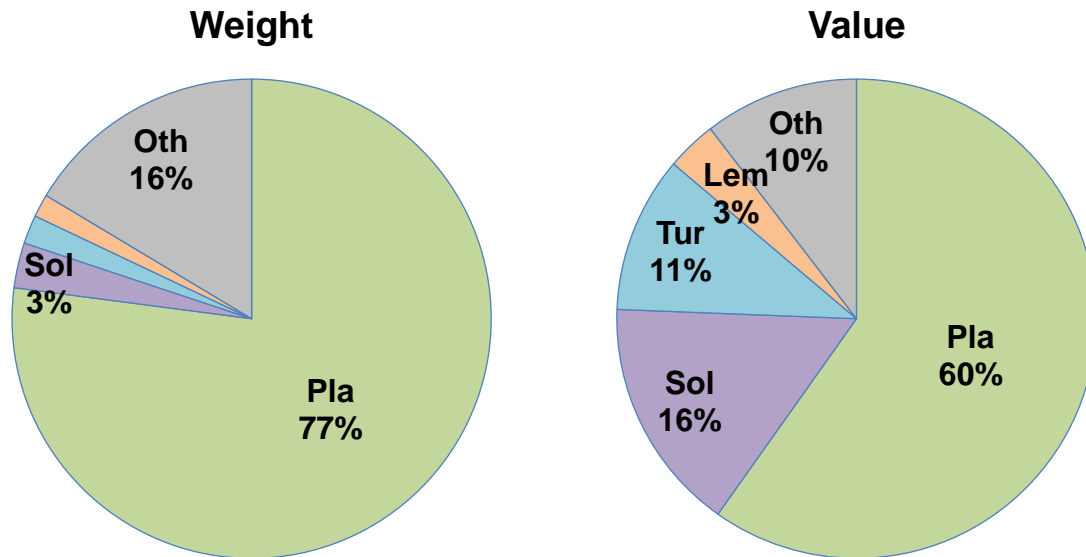
from UK EEZ	Weight ('000 t.)		Value (£ m)	
Herring	60.7	42%	£24.2	26%
Common Sole	2.7	2%	£20.2	21%
Mackerel	20.2	14%	£16.9	18%
Plaice	7.3	5%	£8.3	9%
Blue Whiting	31.4	22%	£7.7	8%
Horse Mackerel	14.2	10%	£5.8	6%
Turbot	0.4	0%	£3.0	3%
Argentine	4.2	3%	£1.0	1%
Red Mullet	0.3	0%	£0.9	1%
Nephrops	0.2	0%	£0.8	1%
Other Species	4.5	3%	£5.8	6%
TOTAL	146.2	100%	£94.5	100%

Figure 37 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by Dutch fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Netherlands



UK Boats – Dutch EEZ



from Dutch EEZ	Weight ('000 t.)	Value (£ m)
Plaice	3.7 77%	£4.2 60%
Common Sole	0.1 3%	£1.1 16%
Turbot	0.1 2%	£0.7 11%
Lemon Sole	0.1 2%	£0.2 3%
Nephrops	0.1 1%	£0.2 3%
Other Species	0.7 15%	£0.5 7%
TOTAL	4.8 100%	£7.0 100%

Figure 38 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the Dutch EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Belgian Landings from the UK EEZ and UK Landings from the Belgian EEZ



Over the five years from 2011 to 2015 Belgian fishing boats landed about 23,000 of fish and shellfish, with a value of about £60 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 39).

Of that, it is estimated that about 11,000 tonnes (47% of the total), worth some £31 million (52% of the total), were caught in the UK EEZ (Figure 39).

Belgian fishing boats accounted for only 1% of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats (Figure 39).

Over the same period, it is estimated that UK fishing boats landed less than 50 tonnes of fish and shellfish, worth only about £100,000, from the Belgian EEZ each year, on average (Figure 39). That represents a negligible proportion (< 0.01%) of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

Belgian boats thus landed more than 200 times more fish and shellfish by weight, or 300 times more by value, from the UK EEZ than UK boats did from the Belgian EEZ (Figure 39).

Breakdowns of these figures by species group are provided in Figure 40 (demersal fish), Figure 41 (pelagic fish), Figure 42 (shellfish), and Figure 43 (industrial fish).

Species

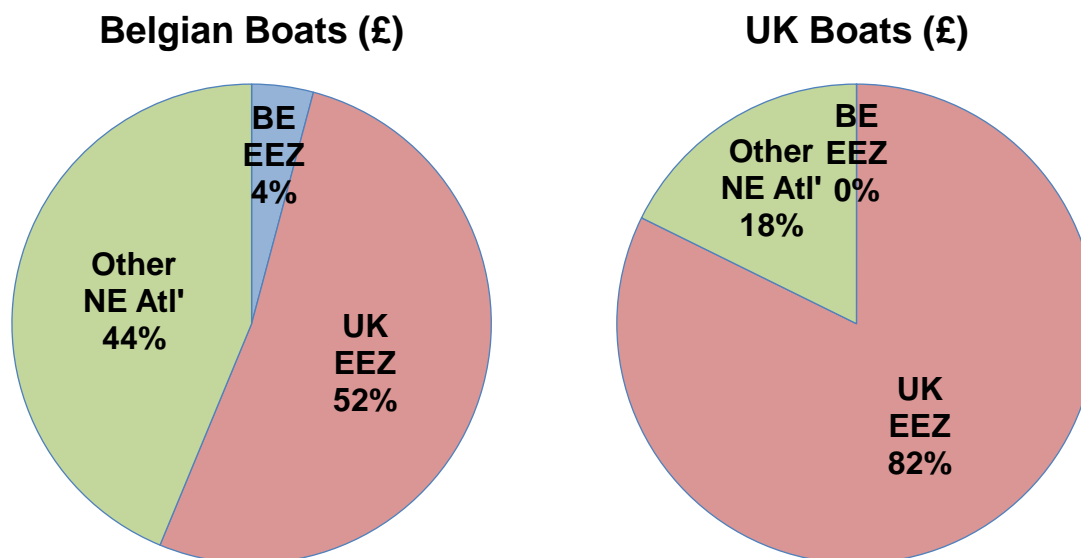
The principal species landed by Belgian fishing boats from the UK EEZ were common (Dover) sole (which accounted for almost half of the total by value), plaice, monks, turbot, lemon sole and skates and rays (Figure 44).

The principal species landed by UK fishing boats from the Belgian EEZ – although the quantities involved were very small – were common (Dover) sole (which accounted for almost two-thirds of the total by value), whelks, plaice and horse mackerel (Figure 45).

Belgium



All Fish & Shellfish



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by Belgian Boats				
from Belgian EEZ	1.0	4%	£2.5	4%
from UK EEZ	11.0	47%	£31.5	52%
from Elsewhere in NE Atlantic	11.3	48%	£26.5	44%
TOTAL	23.3	100%	£60.6	100%
by UK Boats				
from Belgian EEZ	0.05	0%	£0.1	0%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	120.4	19%	£138.4	18%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by Belgian Boats	11.0	1%	£31.5	3%
by Other EU Boats	685.7	56%	£476.8	41%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Belgium:UK)	235 : 1		303 : 1	

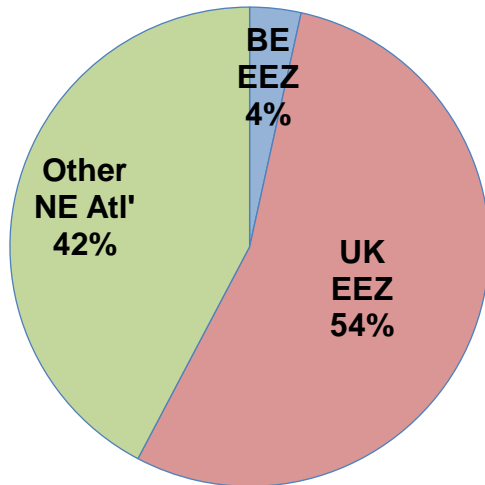
Figure 39 Breakdown of the estimated weights and values of all fish and shellfish landed by Belgian and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Belgian and UK EEZs. 'Ratio' = ratio of Belgian boats' landings from UK EEZ to UK boats' landings from Belgian EEZ. (Annual average landings from 2011 to 2015.)

Belgium

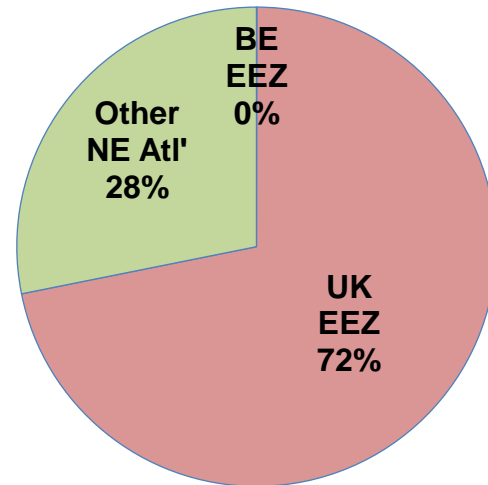


Demersal Fish

Belgian Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
by Belgian Boats				
from Belgian EEZ				
from UK EEZ	0.8	4%	£1.9	3%
from Elsewhere in NE Atlantic	9.5	48%	£29.2	54%
TOTAL	9.6	48%	£22.7	42%
by UK Boats				
from Belgian EEZ				
from UK EEZ	0.0	0%	£0.1	0%
from Elsewhere in NE Atlantic	114.5	72%	£202.3	72%
TOTAL	43.8	28%	£79.3	28%
from UK EEZ				
by UK Boats				
by Belgian Boats	114.5	50%	£202.3	48%
by Other EU Boats	9.5	4%	£29.2	7%
TOTAL	104.9	46%	£190.2	45%
Ratio (Belgium:UK)	410 : 1		327 : 1	

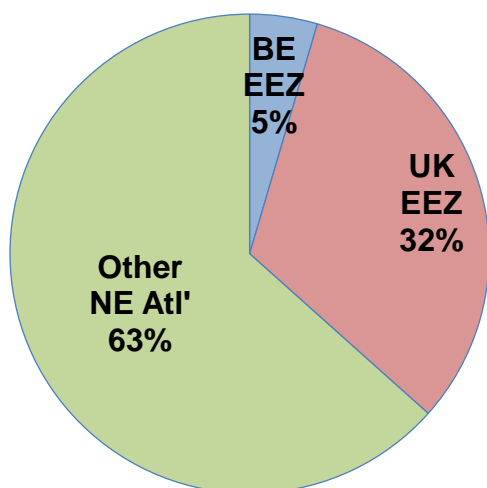
Figure 40 Breakdown of the estimated weights and values of demersal fish landed by Belgian and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Belgian and UK EEZs. 'Ratio' = ratio of Belgian boats' landings from UK EEZ to UK boats' landings from Belgian EEZ. (Annual average landings from 2011 to 2015.)

Belgium

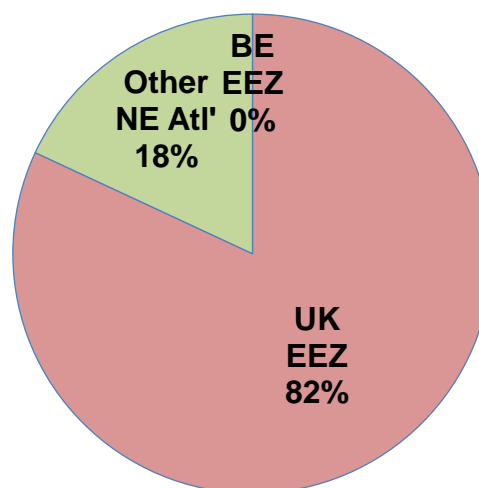


Pelagic Fish

Belgian Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by Belgian Boats				
from Belgian EEZ	0.0	5%	£0.0	5%
from UK EEZ	0.0	34%	£0.0	32%
from Elsewhere in NE Atlantic	0.1	61%	£0.0	63%
TOTAL	0.1	100%	£0.1	100%
by UK Boats				
from Belgian EEZ	0.0	0%	£0.0	0%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	65.4	20%	£40.0	18%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by Belgian Boats	0.0	0%	£0.0	0%
by Other EU Boats	427.0	62%	£218.7	55%
TOTAL	693.2	100%	£400.0	100%
Ratio (Belgium:UK)	3.6 : 1		4.9 : 1	

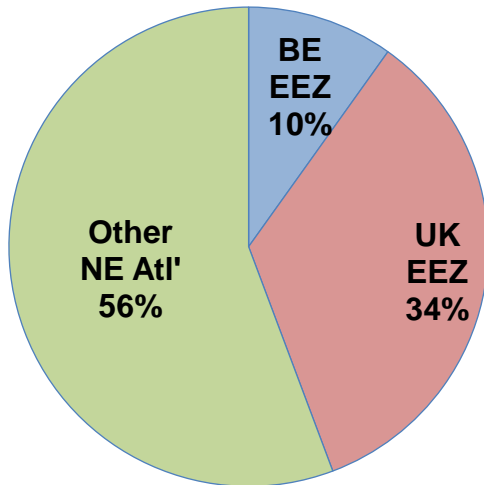
Figure 41 Breakdown of the estimated weights and values of pelagic fish landed by Belgian and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Belgian and UK EEZs. 'Ratio' = ratio of Belgian boats' landings from UK EEZ to UK boats' landings from Belgian EEZ. (Annual average landings from 2011 to 2015.)

Belgium

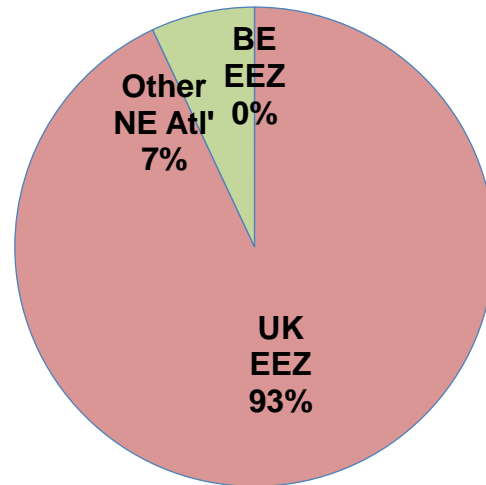


Shellfish

Belgian Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by Belgian Boats				
from Belgian EEZ	0.3	9%	£0.7	10%
from UK EEZ	1.2	40%	£2.3	34%
from Elsewhere in NE Atlantic	1.6	51%	£3.7	56%
TOTAL	3.1	100%	£6.6	100%
by UK Boats				
from Belgian EEZ	0.0	0%	£0.0	0%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	9.4	7%	£18.0	7%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by Belgian Boats	1.2	1%	£2.3	1%
by Other EU Boats	15.1	11%	£32.7	12%
TOTAL	139.7	100%	£274.9	100%
Ratio (Belgium:UK)	89.3 : 1		205.2 : 1	

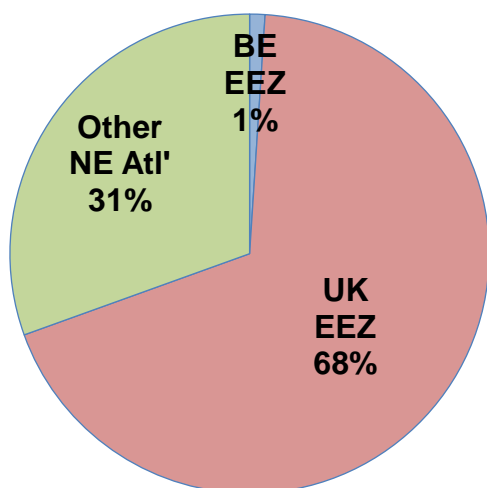
Figure 42 Breakdown of the estimated weights and values of shellfish landed by Belgian and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Belgian and UK EEZs. 'Ratio' = ratio of Belgian boats' landings from UK EEZ to UK boats' landings from Belgian EEZ. (Annual average landings from 2011 to 2015.)

Belgium

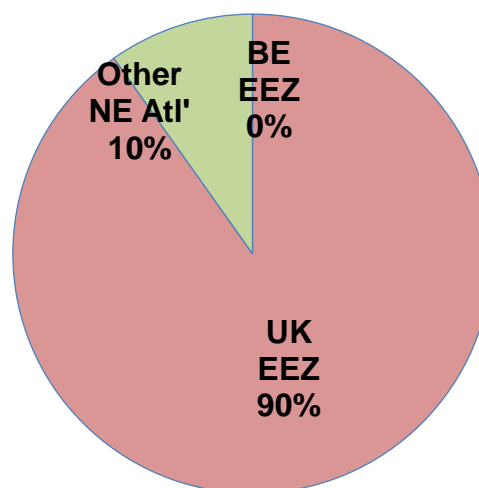


Industrial Fish

Belgian Boats (£)



UK Boats (£)



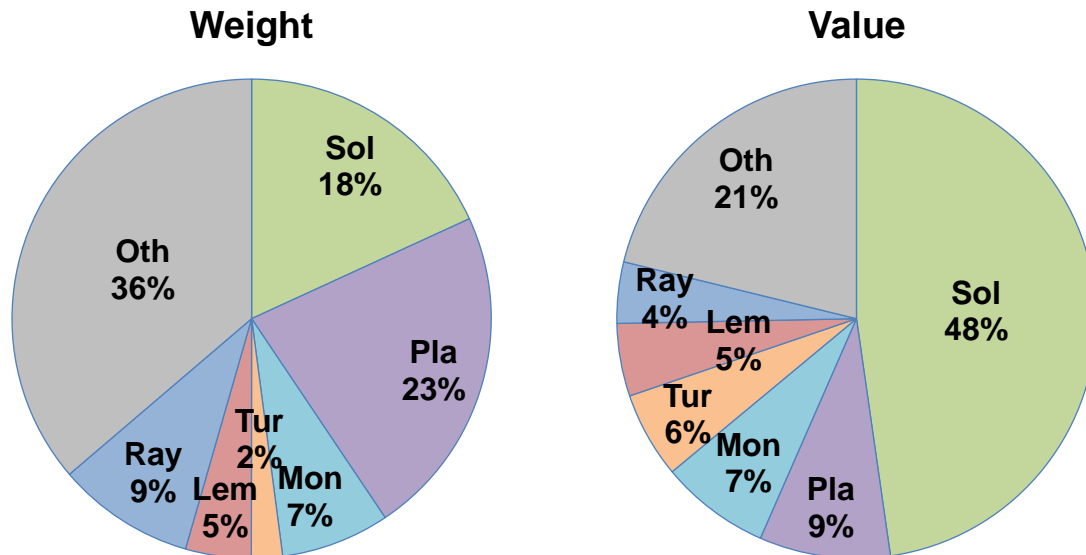
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by Belgian Boats				
from Belgian EEZ	0.0	1%	£0.0	1%
from UK EEZ	0.2	68%	£0.1	68%
from Elsewhere in NE Atlantic	0.1	31%	£0.0	31%
TOTAL	0.3	100%	£0.1	100%
by UK Boats				
from Belgian EEZ	0.0	0%	£0.0	0%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	1.1	10%	£0.2	10%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by Belgian Boats	0.2	0%	£0.1	0%
by Other EU Boats	133.0	93%	£28.0	92%
TOTAL	143.2	100%	£30.2	100%
Ratio (Belgium:UK)	634 : 1		634 : 1	

Figure 43 Breakdown of the estimated weights and values of industrial fish landed by Belgian and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Belgian and UK EEZs. 'Ratio' = ratio of Belgian boats' landings from UK EEZ to UK boats' landings from Belgian EEZ. (Annual average landings from 2011 to 2015.)

Belgium



Belgian Boats – UK EEZ



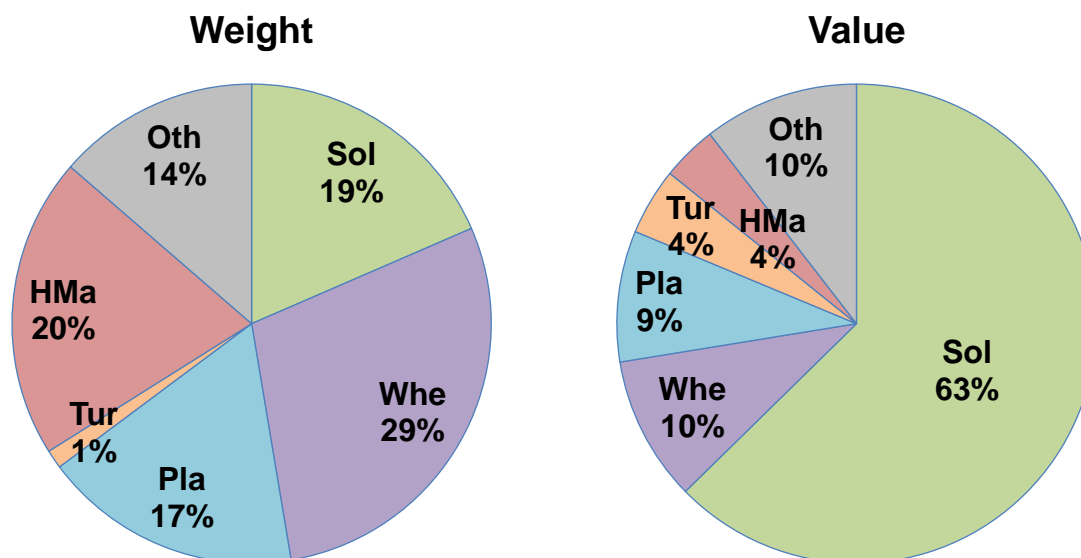
from UK EEZ	Weight ('000 t.)		Value (£ m)	
Common Sole	2.0	18%	£15.1	48%
Plaice	2.5	22%	£2.8	9%
Monks	0.8	7%	£2.3	7%
Turbot	0.2	2%	£1.8	6%
Lemon Sole	0.5	4%	£1.5	5%
Rays	1.0	9%	£1.3	4%
Brill	0.2	2%	£1.1	3%
Megrim	0.3	3%	£0.8	3%
Scallops	0.4	4%	£0.8	2%
Cod	0.3	3%	£0.7	2%
Other Species	2.7	25%	£3.4	11%
TOTAL	11.0	100%	£31.5	100%

Figure 44 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by Belgian fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Belgium



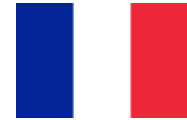
UK Boats – Belgian EEZ



from Belgian EEZ	Weight ('000 t.)		Value (£ m)	
Common Sole	0.01	18%	£0.07	63%
Whelks	0.01	29%	£0.01	10%
Plaice	0.01	17%	£0.01	9%
Turbot	0.00	1%	£0.00	5%
Horse Mackerel	0.01	20%	£0.00	4%
Other Species	0.01	14%	£0.01	10%
TOTAL	0.05	100%	£0.10	100%

Figure 45 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the Belgian EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

French Landings from the UK EEZ and UK Landings from the French EEZ



Over the five years from 2011 to 2015 French fishing boats landed about 330,000 tonnes of fish and shellfish, with a value of just over £550 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 46).

Of that, it is estimated that about 110,000 tonnes (33% of the total), worth almost £150 million (27% of the total), were caught in the UK EEZ (Figure 46).

French fishing boats accounted for 9% (by weight) of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats, or 13% by value (Figure 46).

Over the same period, it is estimated that UK fishing boats landed about 13,000 tonnes of fish and shellfish, worth about £18 million, from the French EEZ each year, on average (Figure 46). That represents only about 2% of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

French boats thus landed about eight times more fish and shellfish (by weight or value) from the UK EEZ than UK boats did from the French EEZ (Figure 46).

Breakdowns of these figures by species group are provided in Figure 47 (demersal fish), Figure 48 (pelagic fish), Figure 49 (shellfish), and Figure 50 (industrial fish).

Species

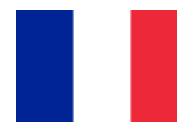
The principal species landed by French fishing boats from the UK EEZ were saithe and hake, which together accounted for about one-quarter of the total (24% by weight, 26% by value) (Figure 51).

By value, the next most important species landed from the UK EEZ by French boats were monks (5% by weight, 12% by value), whiting (7% & 5%) and haddock (5% & 5%) (Figure 51).

The principal species landed by UK fishing boats from the French EEZ was scallops, which accounted for one-quarter of the total (25% by weight), or one-third (35%) by value (Figure 52).

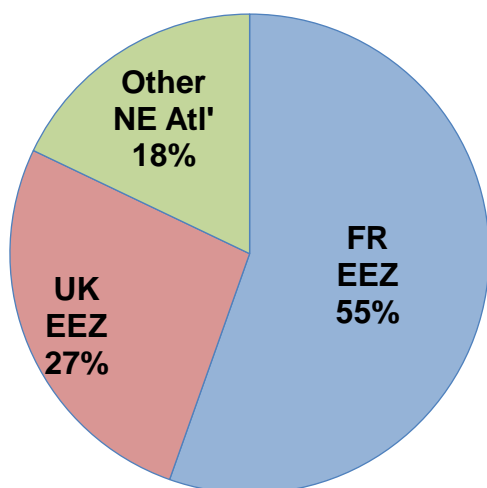
By value, the next most important species landed by UK boats from the French EEZ were mackerel and monks (Figure 52). By weight, the most important species after scallops landed by UK boats from the French EEZ were mackerel, herring and horse mackerel.

France

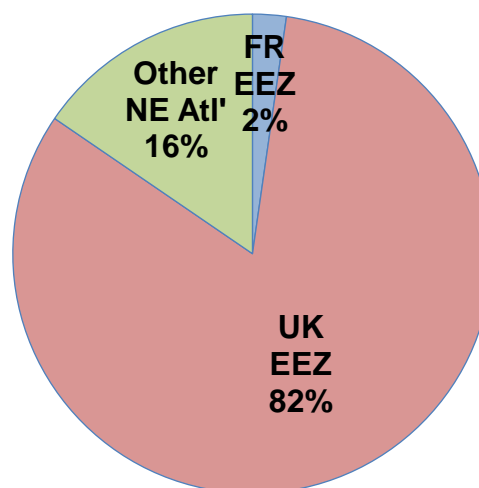


All Fish & Shellfish

French Boats (£)



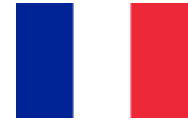
UK Boats (£)



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by French Boats				
from French EEZ (Atlantic)	169.0	51%	£305.8	55%
from UK EEZ	110.4	33%	£147.1	27%
from Elsewhere in NE Atlantic	51.7	16%	£98.8	18%
TOTAL	331.0	100%	£551.7	100%
by UK Boats				
from French EEZ	13.2	2%	£17.7	2%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	107.3	17%	£120.7	15%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by French Boats	110.4	9%	£147.1	13%
by Other EU Boats	586.3	48%	£361.2	31%
TOTAL	1223.5	100%	£1,151.0	100%
Ratio (France:UK)	8.4 : 1		8.3 : 1	

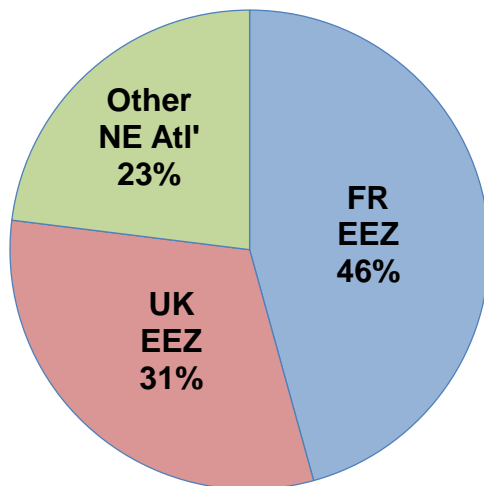
Figure 46 Breakdown of the estimated weights and values of all fish and shellfish landed by French and UK fishing boats from the North East Atlantic (FAO Area 27) and from the French and UK EEZs. 'Ratio' = ratio of French boats' landings from UK EEZ to UK boats' landings from French EEZ. (Annual average landings from 2011 to 2015.)

France

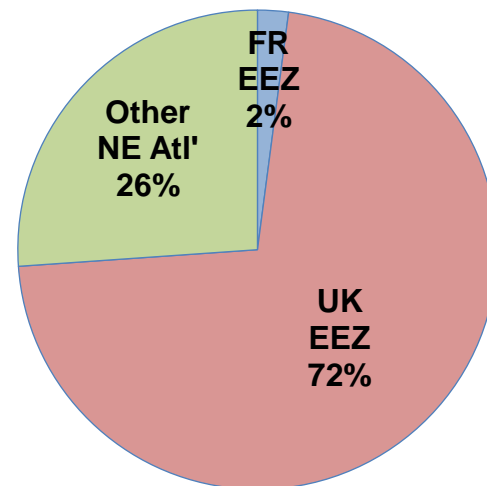


Demersal Fish

French Boats (£)



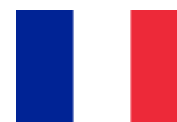
UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
by French Boats				
from French EEZ (Atlantic)	57.8	35%	£166.1	46%
from UK EEZ	69.9	42%	£113.6	31%
from Elsewhere in NE Atlantic	38.4	23%	£83.7	23%
TOTAL	166.1	100%	£363.4	100%
by UK Boats				
from French EEZ	2.4	1%	£5.9	2%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	41.5	26%	£73.5	26%
TOTAL	158.3	100%	£281.7	100%
from UK EEZ				
by UK Boats	114.5	50%	£202.3	48%
by French Boats	69.9	31%	£113.6	27%
by Other EU Boats	44.5	19%	£105.7	25%
TOTAL	228.9	100%	£421.7	100%
Ratio (France:UK)	29.6 : 1		19.4 : 1	

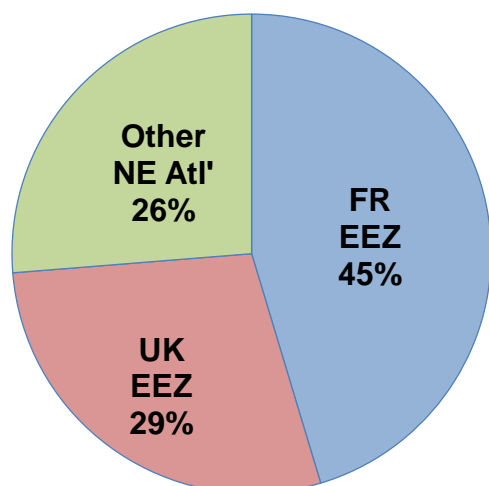
Figure 47 Breakdown of the estimated weights and values of demersal fish landed by French and UK fishing boats from the North East Atlantic (FAO Area 27) and from the French and UK EEZs. 'Ratio' = ratio of French boats' landings from UK EEZ to UK boats' landings from French EEZ. (Annual average landings from 2011 to 2015.)

France

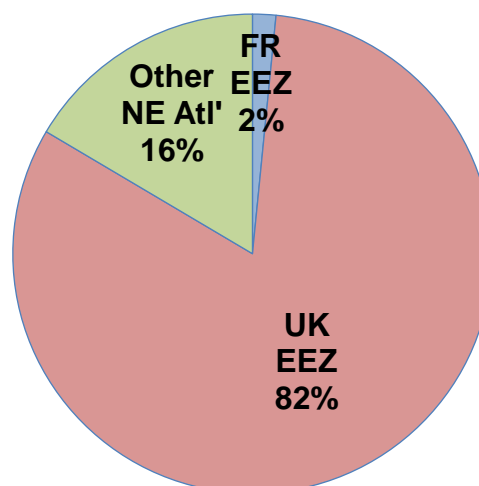


Pelagic Fish

French Boats (£)



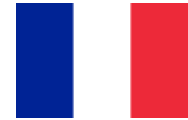
UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by French Boats				
from French EEZ (Atlantic)	38.4	49%	£22.3	45%
from UK EEZ	27.2	35%	£14.0	28%
from Elsewhere in NE Atlantic	12.6	16%	£12.9	26%
TOTAL	78.2	100%	£49.2	100%
by UK Boats				
from French EEZ	5.7	2%	£3.5	2%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	59.7	18%	£36.5	16%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by French Boats	27.2	4%	£14.0	3%
by Other EU Boats	399.8	58%	£204.7	51%
TOTAL	693.2	100%	£400.0	100%
Ratio (France:UK)	4.8 : 1		4.0 : 1	

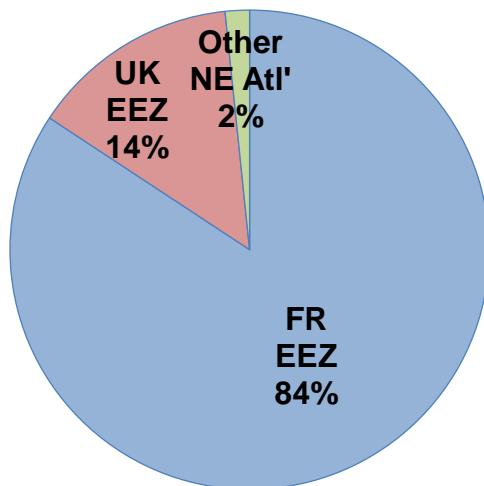
Figure 48 Breakdown of the estimated weights and values of pelagic fish landed by French and UK fishing boats from the North East Atlantic (FAO Area 27) and from the French and UK EEZs. 'Ratio' = ratio of French boats' landings from UK EEZ to UK boats' landings from French EEZ. (Annual average landings from 2011 to 2015.)

France

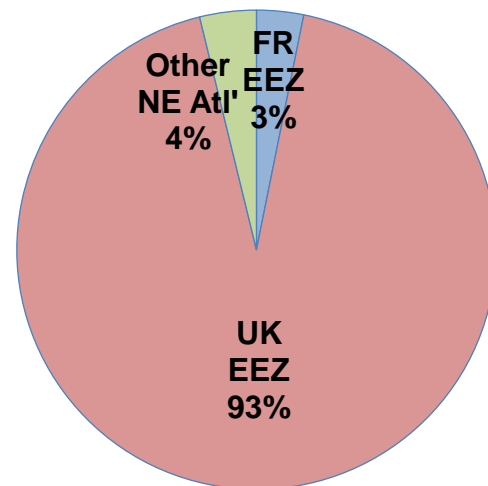


Shellfish

French Boats (£)



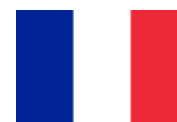
UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by French Boats				
from French EEZ (Atlantic)	45.3	84%	£82.5	84%
from UK EEZ	8.2	15%	£13.8	14%
from Elsewhere in NE Atlantic	0.5	1%	£1.6	2%
TOTAL	54.0	100%	£97.9	100%
by UK Boats				
from French EEZ	4.6	3%	£8.2	3%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	4.9	4%	£9.8	4%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by French Boats	8.2	6%	£13.8	5%
by Other EU Boats	8.1	6%	£21.1	8%
TOTAL	139.7	100%	£274.9	100%
Ratio (France:UK)	1.8 : 1		1.7 : 1	

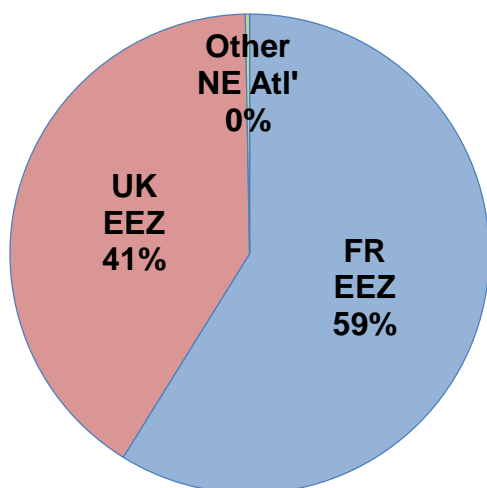
Figure 49 Breakdown of the estimated weights and values of shellfish landed by French and UK fishing boats from the North East Atlantic (FAO Area 27) and from the French and UK EEZs. 'Ratio' = ratio of French boats' landings from UK EEZ to UK boats' landings from French EEZ. (Annual average landings from 2011 to 2015.)

France

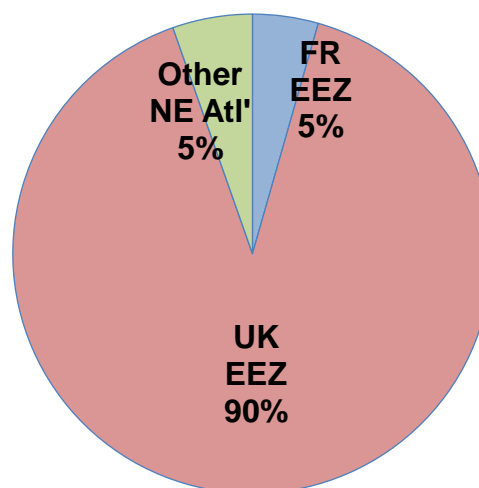


Industrial Fish

French Boats (£)



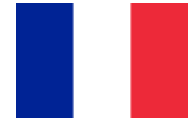
UK Boats (£)



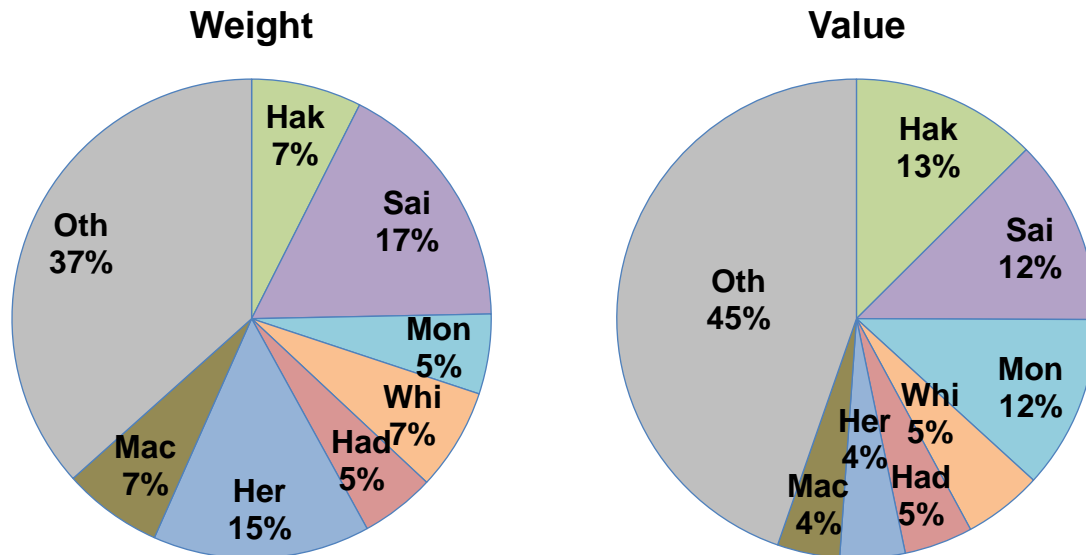
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by French Boats				
from French EEZ (Atlantic)	1.1	61%	£0.4	59%
from UK EEZ	0.7	39%	£0.3	41%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	1.7	100%	£0.7	100%
by UK Boats				
from French EEZ	0.5	4%	£0.1	4%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	0.7	6%	£0.1	5%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by French Boats	0.7	0%	£0.3	1%
by Other EU Boats	132.6	93%	£27.8	92%
TOTAL	143.2	100%	£30.2	100%
Ratio (France:UK)	1.4 : 1		2.5 : 1	

Figure 50 Breakdown of the estimated weights and values of industrial fish landed by French and UK fishing boats from the North East Atlantic (FAO Area 27) and from the French and UK EEZs. 'Ratio' = ratio of French boats' landings from UK EEZ to UK boats' landings from French EEZ. (Annual average landings from 2011 to 2015.)

France



French Boats – UK EEZ



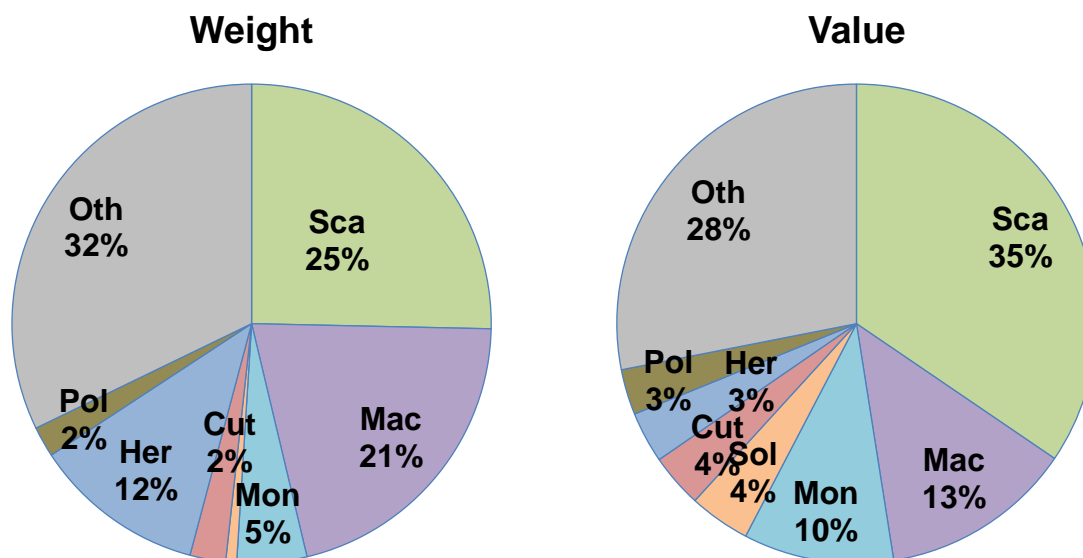
from UK EEZ	Weight ('000 t.)	Value (£ m)
Hake	8.2 7%	£18.4 13%
Saithe	19.0 17%	£18.4 13%
Monks	6.0 5%	£17.2 12%
Whiting	7.6 7%	£7.8 5%
Haddock	5.6 5%	£6.8 5%
Herring	16.2 15%	£6.5 4%
Mackerel	7.4 7%	£6.2 4%
Bass	0.8 1%	£6.1 4%
Scallops	3.3 3%	£6.0 4%
Scabbardfish	3.3 3%	£6.0 4%
Other Species	33.0 30%	£47.6 32%
TOTAL	110.4 100%	£147.1 100%

Figure 51 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by French fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

France



UK Boats – French EEZ



from French EEZ	Weight ('000 t.)	Value (£ m)
Scallops	3.3 25%	£6.1 35%
Mackerel	2.8 21%	£2.3 13%
Monks	0.6 5%	£1.8 10%
Common Sole	0.1 1%	£0.7 4%
Cuttlefish	0.3 2%	£0.6 4%
Herring	1.5 12%	£0.6 3%
Pollack	0.3 2%	£0.5 3%
Horse Mackerel	1.3 10%	£0.5 3%
Edible Crab	0.4 3%	£0.5 3%
Megrim	0.2 1%	£0.4 2%
Other Species	2.4 18%	£3.5 20%
TOTAL	13.2 100%	£17.7 100%

Figure 52 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the French EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Spanish Landings from the UK EEZ and UK Landings from the Spanish EEZ



Over the five years from 2011 to 2015 Spanish fishing boats landed just over 240,000 tonnes of fish and shellfish, with a value of about £350 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 53).

Of that, it is estimated that about 11,000 tonnes (4% of the total), worth some £22 million (6% of the total), were caught in the UK EEZ (Figure 53).

Spanish fishing boats accounted for only 1% (by weight) of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats, or 2% by value (Figure 53).

Over the same period, it is estimated that UK fishing boats landed only a negligible quantity of fish and shellfish (4 tonnes) from the Spanish EEZ each year, on average (Figure 53).

Spanish boats thus landed more than 1,000 times more fish and shellfish (by weight or value) from the UK EEZ than UK boats did from the Spanish EEZ (Figure 53).

Breakdowns of these figures by species group are provided in Figure 54 (demersal fish), Figure 55 (pelagic fish), Figure 56 (shellfish), and Figure 57 (industrial fish).

Species

The principal species landed by Spanish fishing boats from the UK EEZ was hake, which accounted for about half of the total (46% by weight, 51% by value) (Figure 58). Other important species landed by Spanish boats from the UK EEZ included megrim, monks and ling.

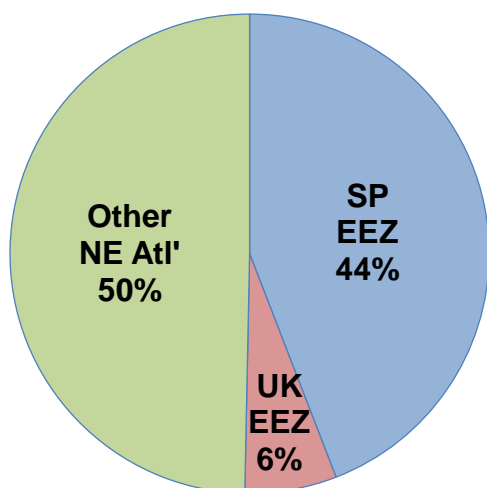
The principal species landed by UK fishing boats from the Spanish EEZ – although the quantity involved was very small – was albacore tuna (Figure 59).

Spain

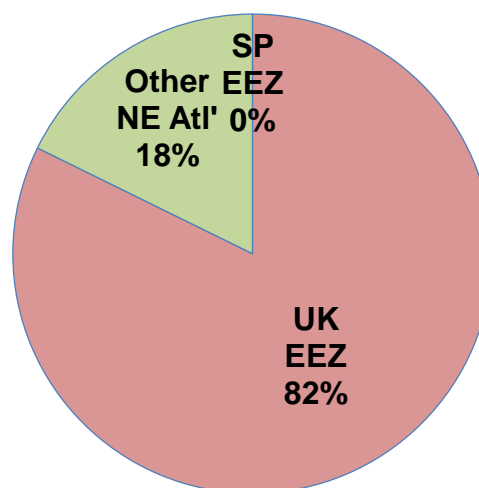


All Fish & Shellfish

Spanish Boats (£)



UK Boats (£)



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by Spanish Boats				
from Spanish EEZ	132.4	54%	£154.6	44%
from UK EEZ	10.8	4%	£21.7	6%
from Elsewhere in NE Atlantic	100.8	41%	£174.1	50%
TOTAL	243.9	100%	£350.4	100%
by UK Boats				
from Spanish EEZ	0.0	0%	£0.0	0%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	120.5	19%	£138.5	18%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by Spanish Boats	10.8	1%	£21.7	2%
by Other EU Boats	685.9	56%	£486.6	42%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Spain:UK)	>1000 : 1		>1000 : 1	

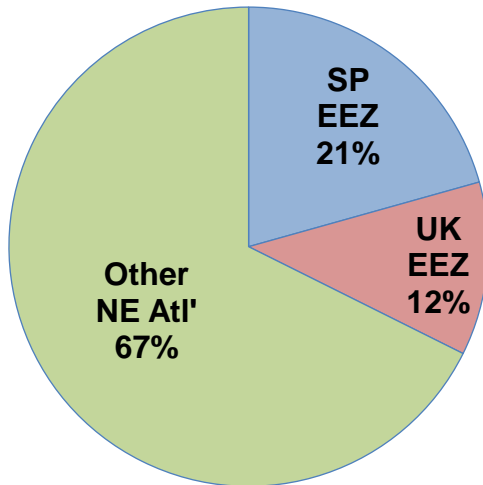
Figure 53 Breakdown of the estimated weights and values of all fish and shellfish landed by Spanish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Spanish and UK EEZs. 'Ratio' = ratio of Spanish boats' landings from UK EEZ to UK boats' landings from Spanish EEZ. (Annual average landings from 2011 to 2015.)

Spain

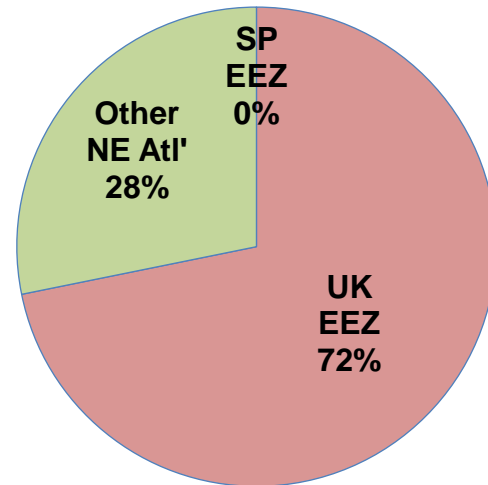


Demersal Fish

Spanish Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
by Spanish Boats				
from Spanish EEZ	14.9	18%	£35.8	21%
from UK EEZ	9.9	12%	£20.3	12%
from Elsewhere in NE Atlantic	56.5	69%	£117.3	68%
TOTAL	81.3	100%	£173.4	100%
by UK Boats				
from Spanish EEZ	0.0	0%	£0.0	0%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	43.9	28%	£79.4	28%
TOTAL	158.3	100%	£281.7	100%
from UK EEZ				
by UK Boats	114.5	50%	£202.3	48%
by Spanish Boats	9.9	4%	£20.3	5%
by Other EU Boats	104.5	46%	£199.1	47%
TOTAL	228.9	100%	£421.7	100%
Ratio (Spain:UK)	>1000 : 1		>1000 : 1	

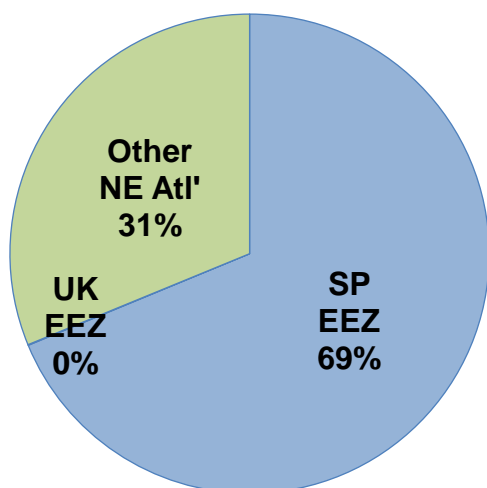
Figure 54 Breakdown of the estimated weights and values of demersal fish landed by Spanish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Spanish and UK EEZs. 'Ratio' = ratio of Spanish boats' landings from UK EEZ to UK boats' landings from Spanish EEZ. (Annual average landings from 2011 to 2015.)

Spain

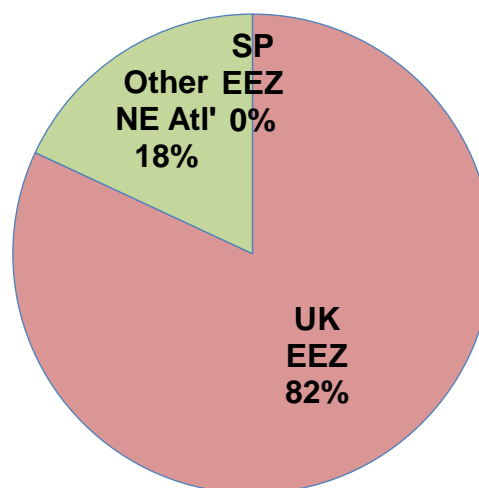


Pelagic Fish

Spanish Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by Spanish Boats				
from Spanish EEZ	82.5	75%	£66.0	69%
from UK EEZ	0.0	0%	£0.0	0%
from Elsewhere in NE Atlantic	28.2	25%	£30.0	31%
TOTAL	110.7	100%	£96.1	100%
by UK Boats				
from Spanish EEZ	0.0	0%	£0.0	0%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	65.4	20%	£40.0	18%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by Spanish Boats	0.0	0%	£0.0	0%
by Other EU Boats	427.0	62%	£218.6	55%
TOTAL	693.2	100%	£400.0	100%
Ratio (Spain:UK)	4.7 : 1		5.1 : 1	

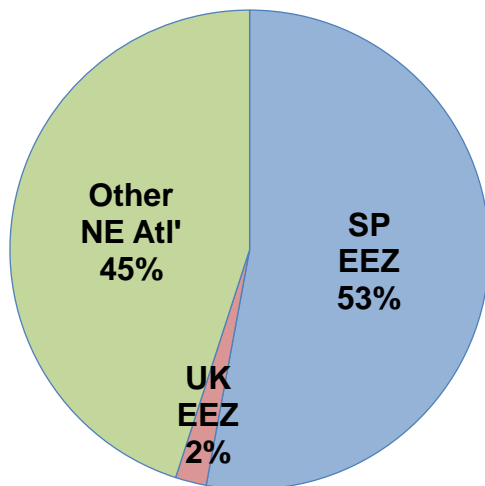
Figure 55 Breakdown of the estimated weights and values of pelagic fish landed by Spanish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Spanish and UK EEZs. 'Ratio' = ratio of Spanish boats' landings from UK EEZ to UK boats' landings from Spanish EEZ. (Annual average landings from 2011 to 2015.)

Spain

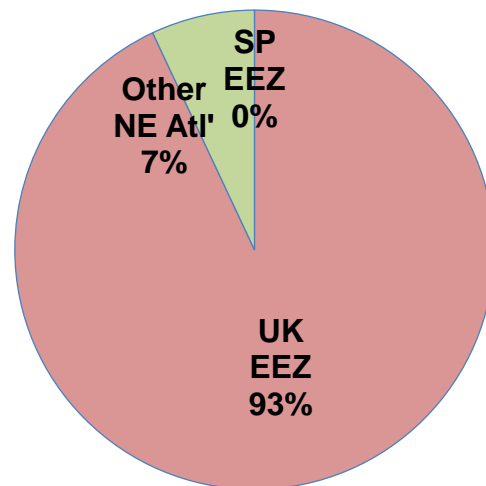


Shellfish

Spanish Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by Spanish Boats				
from Spanish EEZ	4.5	51%	£13.1	53%
from UK EEZ	0.2	2%	£0.5	2%
from Elsewhere in NE Atlantic	4.1	47%	£11.2	45%
TOTAL	8.8	100%	£24.9	100%
by UK Boats				
from Spanish EEZ	0.0	0%	£0.0	0%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	9.4	7%	£18.0	7%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by Spanish Boats	0.2	0%	£0.5	0%
by Other EU Boats	16.1	12%	£34.4	13%
TOTAL	139.7	100%	£274.9	100%
Ratio (Spain:UK)	>1000 : 1		>1000 : 1	

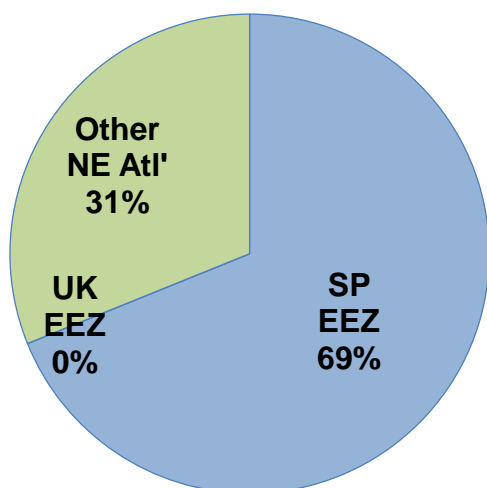
Figure 56 Breakdown of the estimated weights and values of shellfish landed by Spanish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Spanish and UK EEZs. 'Ratio' = ratio of Spanish boats' landings from UK EEZ to UK boats' landings from Spanish EEZ. (Annual average landings from 2011 to 2015.)

Spain

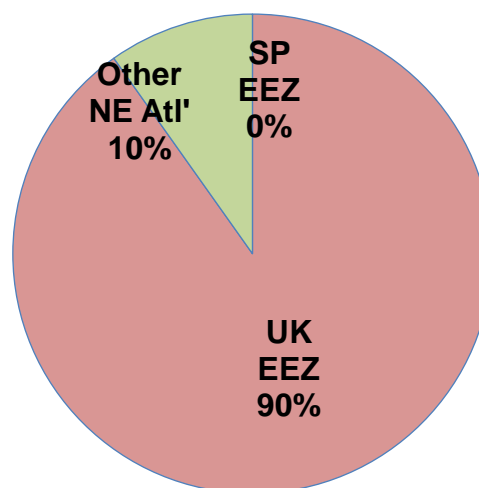


Industrial Fish

Spanish Boats (£)



UK Boats (£)



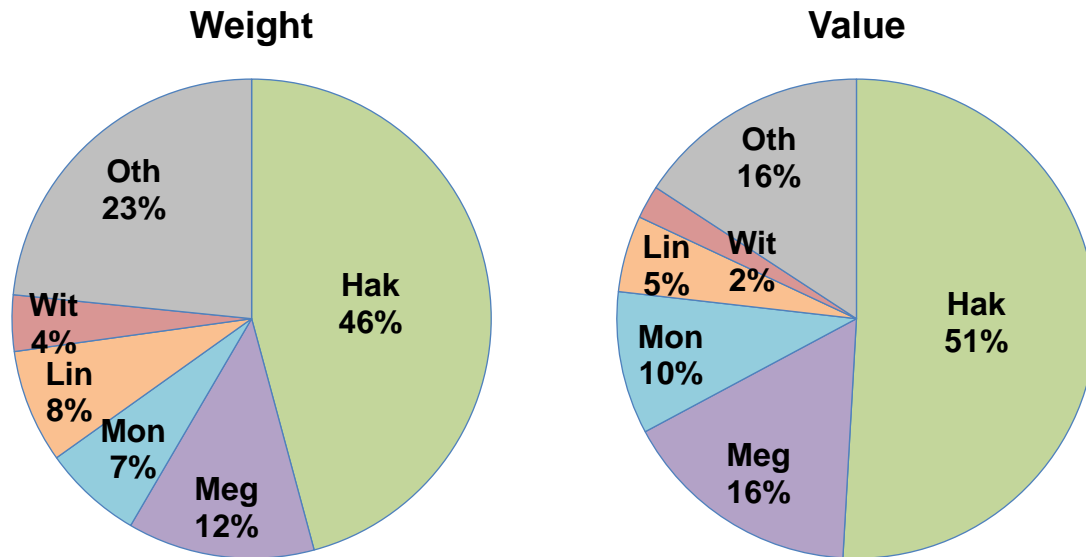
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by Spanish Boats				
from Spanish EEZ	0.3	75%	£0.1	69%
from UK EEZ	0.0	0%	£0.0	0%
from Elsewhere in NE Atlantic	0.1	25%	£0.0	31%
TOTAL	0.4	100%	£0.1	100%
by UK Boats				
from Spanish EEZ	0.0	0%	£0.0	0%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	1.1	10%	£0.2	10%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by Spanish Boats	0.0	0%	£0.0	0%
by Other EU Boats	133.2	93%	£28.0	93%
TOTAL	143.2	100%	£30.2	100%
Ratio (Spain:UK)	3.8 : 1		2.3 : 1	

Figure 57 Breakdown of the estimated weights and values of industrial fish landed by Spanish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Spanish and UK EEZs. 'Ratio' = ratio of Spanish boats' landings from UK EEZ to UK boats' landings from Spanish EEZ. (Annual average landings from 2011 to 2015.)

Spain



Spanish Boats – UK EEZ



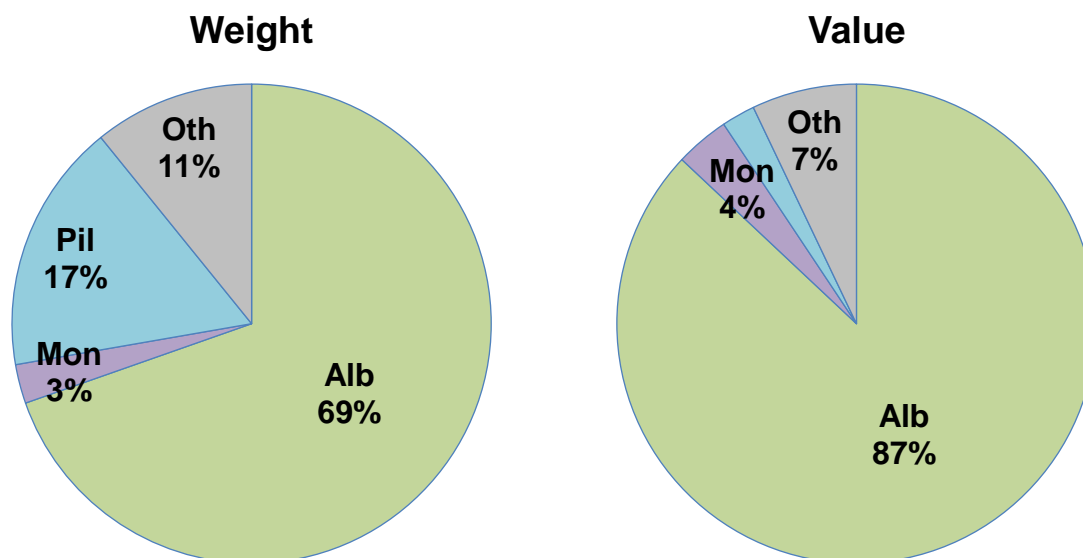
from UK EEZ	Weight ('000 t.)		Value (£ m)	
Hake	4.9	46%	£11.1	51%
Megrim	1.4	13%	£3.5	16%
Monks	0.7	7%	£2.1	10%
Ling	0.8	8%	£1.1	5%
Witch	0.4	4%	£0.5	2%
Wreckfish	0.0	0%	£0.5	2%
Squid	0.1	1%	£0.4	2%
Blackbelly Rosefish	0.2	2%	£0.4	2%
Conger	0.3	3%	£0.3	1%
Rays	0.2	2%	£0.2	1%
Other Species	1.6	15%	£1.6	7%
TOTAL	10.8	100%	£21.7	100%

Figure 58 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by Spanish fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Spain



UK Boats – Spanish EEZ



from Spanish EEZ	Weight ('000 t.)		Value (£ m)	
Albacore	0.00	70%	£0.01	87%
Monks	0.00	3%	£0.00	4%
Pilchards	0.00	17%	£0.00	2%
Bass	0.00	0%	£0.00	0%
Squid	0.00	0%	£0.00	0%
Other Species	0.00	10%	£0.00	6%
TOTAL	0.00	100%	£0.01	100%

Figure 59 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the Spanish EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Irish Landings from the UK EEZ and UK Landings from the Irish EEZ



Over the five years from 2011 to 2015 Irish fishing boats landed almost 260,000 tonnes of fish and shellfish, with a value of just over £220 million, from the North-East Atlantic (FAO Area 27) each year, on average (Figure 60).

Of that, it is estimated that about 91,000 tonnes (35% of the total), worth some £78 million (36% of the total), were caught in the UK EEZ (Figure 60).

Irish fishing boats accounted for 7% (by weight or value) of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats (Figure 60).

Over the same period, it is estimated that UK fishing boats landed about 65,000 tonnes of fish and shellfish, worth about £70 million, from the Irish EEZ each year, on average (Figure 60). That represents about one-tenth (10% by weight, 9% by value) of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

Irish boats thus landed slightly more fish and shellfish (by weight or value) from the UK EEZ than UK boats did from the Irish EEZ (Figure 60).

Breakdowns of these figures by species group are provided in Figure 61 (demersal fish), Figure 62 (pelagic fish), Figure 63 (shellfish), and Figure 64 (industrial fish).

Species

The principal species landed by Irish fishing boats from the UK EEZ was mackerel, which accounted for more than half of the total (53% by weight, 52% by value) (Figure 65).

By value, the next most important species landed from the UK EEZ by Irish boats was Nephrops, which accounted for 16% of the total (Figure 65). By weight, the next most important species after mackerel landed by Irish boats from the UK EEZ were horse mackerel (12% of the total) and herring (11%).

The principal species landed by UK fishing boats from the Irish EEZ was mackerel, which accounted for almost half of the total (47% by weight), or more than one-third (37%) by value (Figure 66).

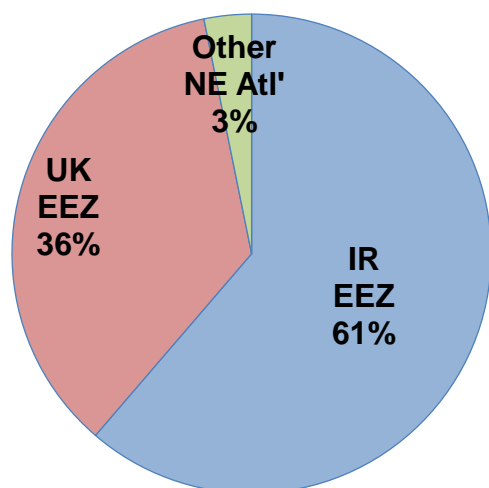
By value, the next most important species landed by UK boats from the Irish EEZ were monks, hake and megrim (Figure 66). By weight, the most important species after mackerel was blue whiting.

Ireland

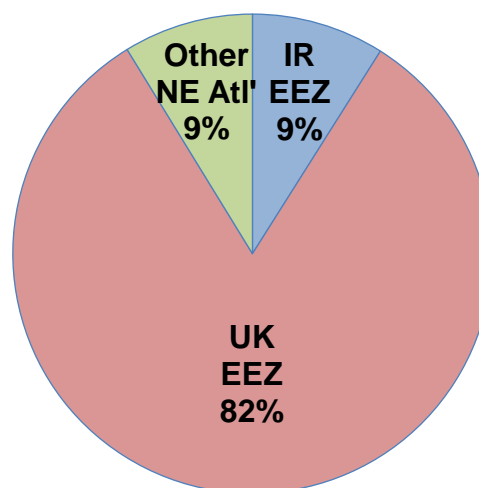


All Fish & Shellfish

Irish Boats (£)



UK Boats (£)



All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
by Irish Boats				
from Irish EEZ	156.4	61%	£135.3	61%
from UK EEZ	91.3	35%	£78.4	36%
from Elsewhere in NE Atlantic	10.7	4%	£7.0	3%
TOTAL	258.4	100%	£220.7	100%
by UK Boats				
from Irish EEZ	65.2	10%	£70.0	9%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	55.3	9%	£68.4	9%
TOTAL	647.2	100%	£781.1	100%
from UK EEZ				
by UK Boats	526.8	43%	£642.7	56%
by Irish Boats	91.3	7%	£78.4	7%
by Other EU Boats	605.4	49%	£430.0	37%
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (Ireland:UK)	1.4 : 1		1.1 : 1	

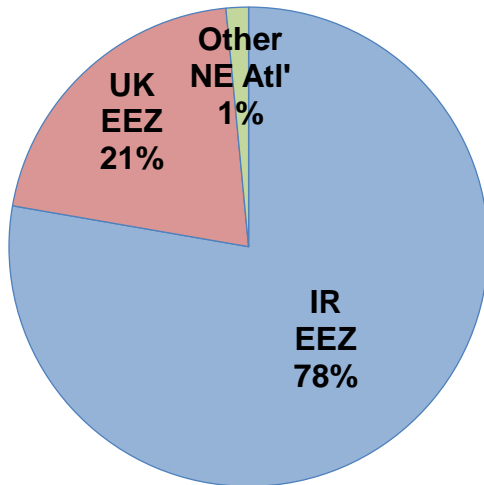
Figure 60 Breakdown of the estimated weights and values of all fish and shellfish landed by Irish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Irish and UK EEZs. 'Ratio' = ratio of Irish boats' landings from UK EEZ to UK boats' landings from Irish EEZ. (Annual average landings from 2011 to 2015.)

Ireland

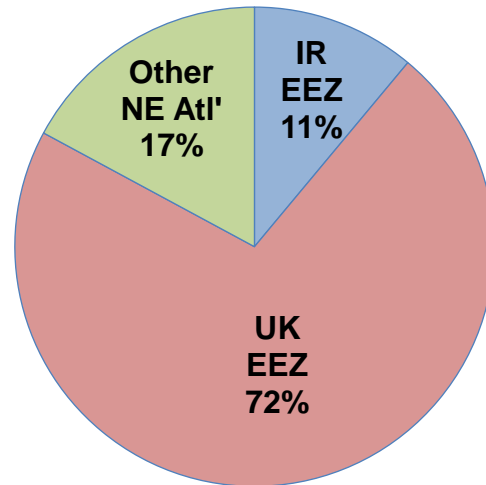


Demersal Fish

Irish Boats (£)



UK Boats (£)



Demersal Fish	Weight ('000 t.)		Value (£ m)	
by Irish Boats				
from Irish EEZ	21.8	77%	£40.8	78%
from UK EEZ	6.1	21%	£10.9	21%
from Elsewhere in NE Atlantic	0.4	1%	£0.8	2%
TOTAL	28.3	100%	£52.5	100%
by UK Boats				
from Irish EEZ	13.1	8%	£31.1	11%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	30.8	19%	£48.2	17%
TOTAL	158.3	100%	£281.7	100%
from UK EEZ				
by UK Boats	114.5	50%	£202.3	48%
by Irish Boats	6.1	3%	£10.9	3%
by Other EU Boats	108.3	47%	£208.5	49%
TOTAL	228.9	100%	£421.7	100%
Ratio (Ireland:UK)	0.5 : 1		0.3 : 1	

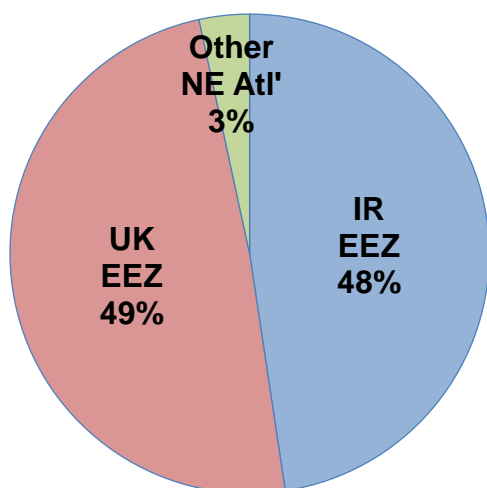
Figure 61 Breakdown of the estimated weights and values of demersal fish landed by Irish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Irish and UK EEZs. 'Ratio' = ratio of Irish boats' landings from UK EEZ to UK boats' landings from Irish EEZ. (Annual average landings from 2011 to 2015.)

Ireland

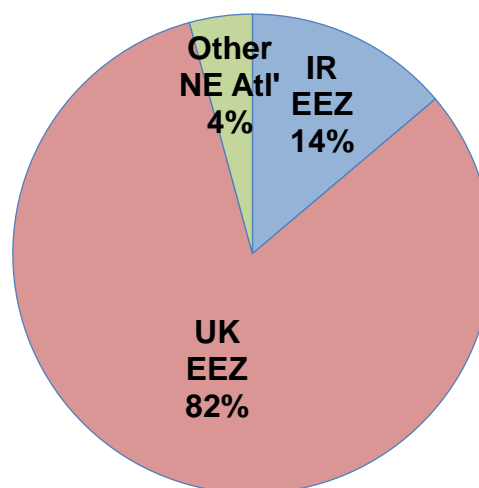


Pelagic Fish

Irish Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
by Irish Boats				
from Irish EEZ	82.4	53%	£47.5	48%
from UK EEZ	69.3	44%	£48.8	49%
from Elsewhere in NE Atlantic	4.5	3%	£3.4	3%
TOTAL	156.3	100%	£99.7	100%
by UK Boats				
from Irish EEZ	47.9	14%	£30.6	14%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	17.5	5%	£9.4	4%
TOTAL	331.5	100%	£221.4	100%
from UK EEZ				
by UK Boats	266.1	38%	£181.4	45%
by Irish Boats	69.3	10%	£48.8	12%
by Other EU Boats	357.8	52%	£169.9	42%
TOTAL	693.2	100%	£400.0	100%
Ratio (Ireland:UK)	1.4 : 1		1.6 : 1	

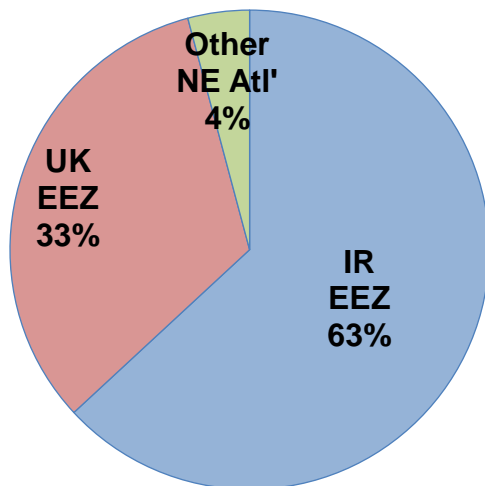
Figure 62 Breakdown of the estimated weights and values of pelagic fish landed by Irish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Irish and UK EEZs. 'Ratio' = ratio of Irish boats' landings from UK EEZ to UK boats' landings from Irish EEZ. (Annual average landings from 2011 to 2015.)

Ireland

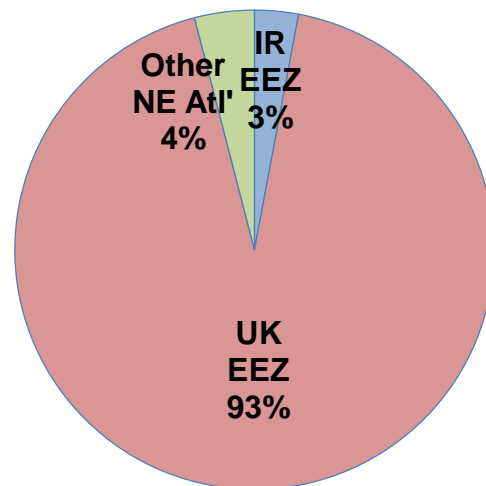


Shellfish

Irish Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
by Irish Boats				
from Irish EEZ	14.1	66%	£30.7	63%
from UK EEZ	6.0	28%	£15.9	33%
from Elsewhere in NE Atlantic	1.4	7%	£2.0	4%
TOTAL	21.5	100%	£48.6	100%
by UK Boats				
from Irish EEZ	3.5	3%	£7.6	3%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	5.9	4%	£10.4	4%
TOTAL	132.8	100%	£258.0	100%
from UK EEZ				
by UK Boats	123.4	88%	£240.0	87%
by Irish Boats	6.0	4%	£15.9	6%
by Other EU Boats	10.3	7%	£19.0	7%
TOTAL	139.7	100%	£274.9	100%
Ratio (Ireland:UK)	1.7 : 1		2.1 : 1	

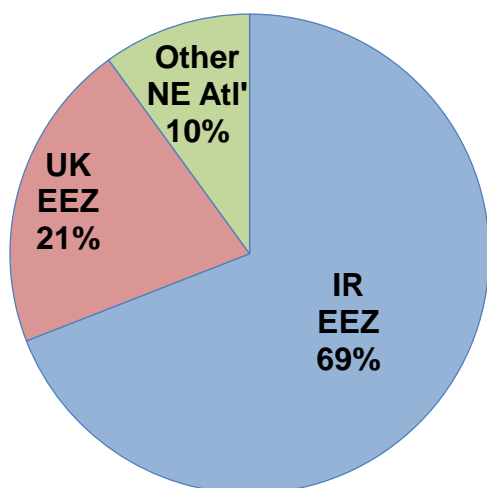
Figure 63 Breakdown of the estimated weights and values of shellfish landed by Irish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Irish and UK EEZs. 'Ratio' = ratio of Irish boats' landings from UK EEZ to UK boats' landings from Irish EEZ. (Annual average landings from 2011 to 2015.)

Ireland

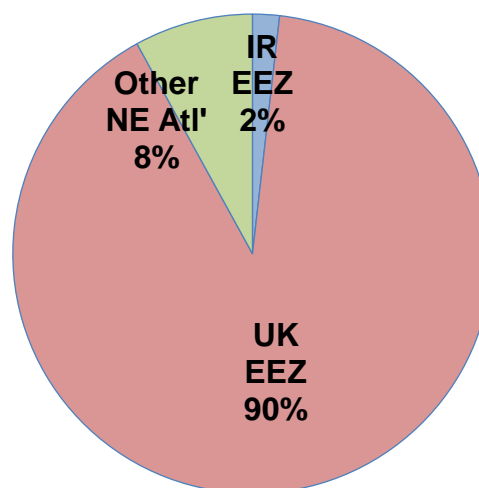


Industrial Fish

Irish Boats (£)



UK Boats (£)



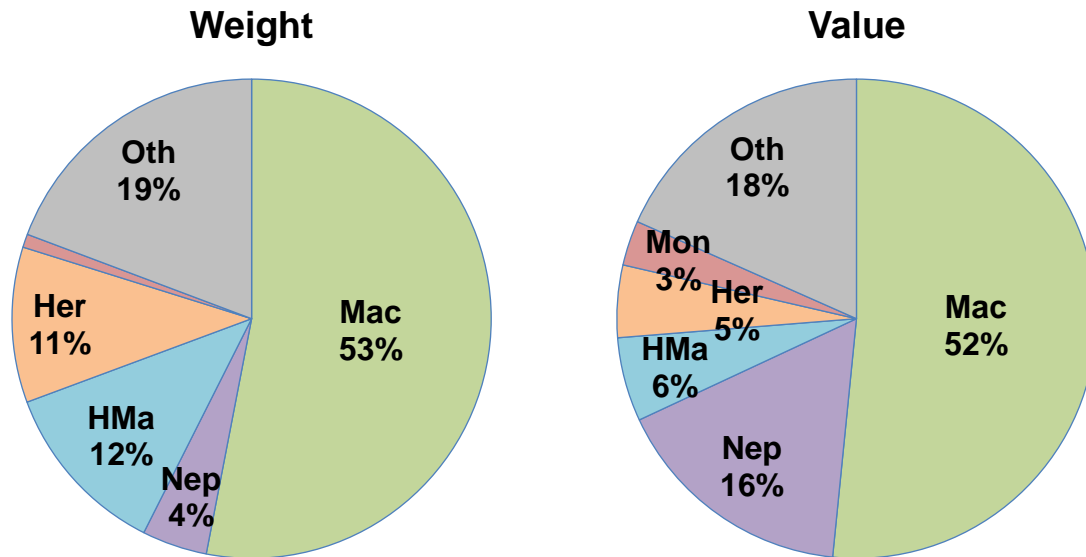
Industrial Fish	Weight ('000 t.)		Value (£ m)	
by Irish Boats				
from Irish EEZ	30.0	69%	£5.8	69%
from UK EEZ	9.2	21%	£1.8	21%
from Elsewhere in NE Atlantic	4.4	10%	£0.8	10%
TOTAL	43.6	100%	£8.4	100%
by UK Boats				
from Irish EEZ	0.2	2%	£0.0	2%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	0.9	8%	£0.2	8%
TOTAL	11.1	100%	£2.4	100%
from UK EEZ				
by UK Boats	10.0	7%	£2.2	7%
by Irish Boats	9.2	6%	£1.8	6%
by Other EU Boats	124.1	87%	£26.3	87%
TOTAL	143.2	100%	£30.2	100%
Ratio (Ireland:UK)	39.7 : 1		39.7 : 1	

Figure 64 Breakdown of the estimated weights and values of industrial fish landed by Irish and UK fishing boats from the North East Atlantic (FAO Area 27) and from the Irish and UK EEZs. 'Ratio' = ratio of Irish boats' landings from UK EEZ to UK boats' landings from Irish EEZ. (Annual average landings from 2011 to 2015.)

Ireland



Irish Boats – UK EEZ



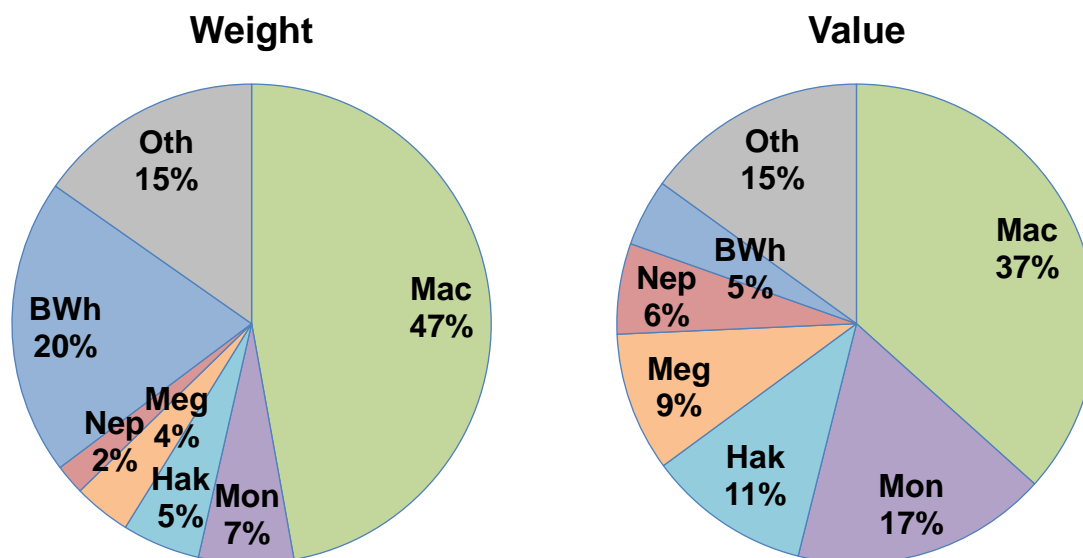
from UK EEZ	Weight ('000 t.)	Value (£ m)
Mackerel	48.4 53%	£40.4 52%
Nephrops	4.0 4%	£12.9 16%
Horse Mackerel	10.9 12%	£4.4 6%
Herring	9.6 10%	£3.8 5%
Monks	0.8 1%	£2.4 3%
Megrim	0.9 1%	£2.2 3%
Scallops	1.1 1%	£2.0 3%
Boarfish	9.1 10%	£1.8 2%
Whiting	1.7 2%	£1.7 2%
Haddock	0.9 1%	£1.1 1%
Other Species	3.9 4%	£5.6 7%
TOTAL	91.3 100%	£78.4 100%

Figure 65 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by Irish fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Ireland



UK Boats – Irish EEZ



from Irish EEZ	Weight ('000 t.)	Value (£ m)
Mackerel	30.7 47%	£25.7 37%
Monks	4.2 6%	£12.1 17%
Hake	3.4 5%	£7.7 11%
Megrim	2.5 4%	£6.6 9%
Nephrops	1.3 2%	£4.3 6%
Blue Whiting	13.0 20%	£3.2 5%
Horse Mackerel	4.0 6%	£1.7 2%
Edible Crab	1.1 2%	£1.4 2%
Ling	0.8 1%	£1.1 2%
Squid	0.3 0%	£0.9 1%
Other Species	3.7 6%	£5.5 8%
TOTAL	65.2 100%	£70.0 100%

Figure 66 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the Irish EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

EU Landings from the UK EEZ and UK Landings from the EU EEZ



Over the five years from 2011 to 2015 EU fishing boats landed just under 3.2 million tonnes of fish and shellfish, with a value of about £2.3 billion (£2,300 million) from the North-East Atlantic (FAO Area 27) each year, on average (Figure 67).

Of that, it is estimated that almost 700,000 tonnes (22% of the total), worth some £508 million (22% of the total), were caught in the UK EEZ (Figure 67).

EU fishing boats accounted for more than half of all the fish and shellfish landed from the UK EEZ by UK and EU fishing boats (57% by weight), or just under half (44%) by value (Figure 67).

Over the same period, it is estimated that UK fishing boats landed about 93,000 tonnes of fish and shellfish, worth about £108 million, from the EU EEZ each year, on average (Figure 67). That represents about 14% of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic.

EU boats thus landed about 8 times more fish and shellfish by weight, or 5 times more by value, from the UK EEZ than UK boats did from the EU EEZ (Figure 67).

Breakdowns of these figures by species group are provided in Figure 68 (demersal fish), Figure 69 (pelagic fish), Figure 70 (shellfish), and Figure 71 (industrial fish).

Species

The principal species landed by EU fishing boats from the UK EEZ were mackerel and herring, which together accounted for almost half of the total (47% by weight), and more than one-third (38%) by value (Figure 72).

By value, the next most important species landed from the UK EEZ by EU boats were common (Dover) sole, hake and monks (Figure 72). By weight, after mackerel and herring, sandeels were the next most important species landed from the UK EEZ by EU boats (11% of the total), followed by blue whiting and horse mackerel.

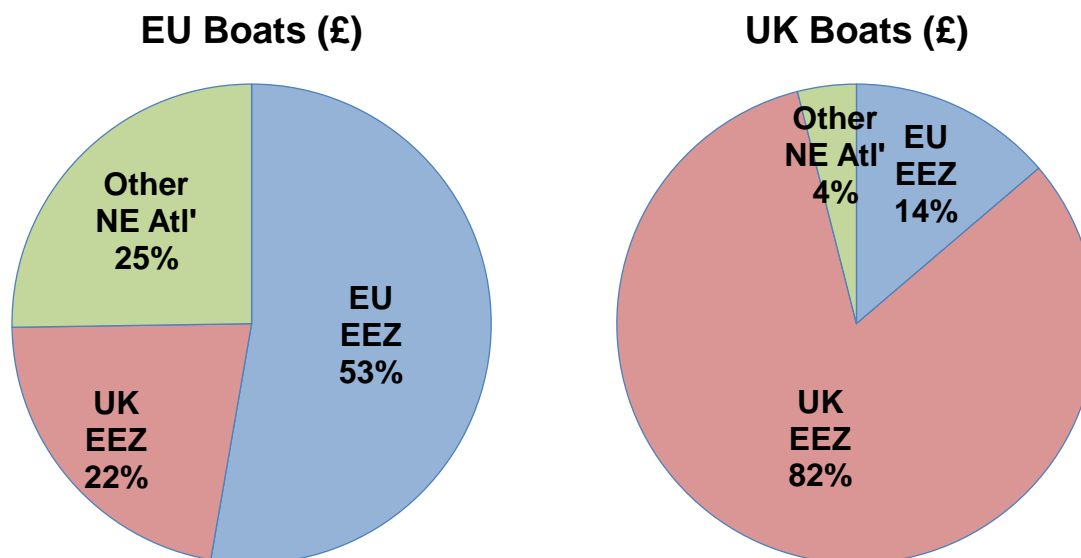
The principal species landed by UK fishing boats from the EU EEZ was mackerel, which accounted for more than one-third of the total (36% by weight), and more than one-quarter (26%) by value (Figure 73).

By value, the next most important species landed by UK boats from the EU EEZ were monks, plaice, hake, megrim and scallops (Figure 73). Blue whiting was the next most important species after mackerel by weight (14%), followed by plaice (12%).

European Union



All Fish & Shellfish



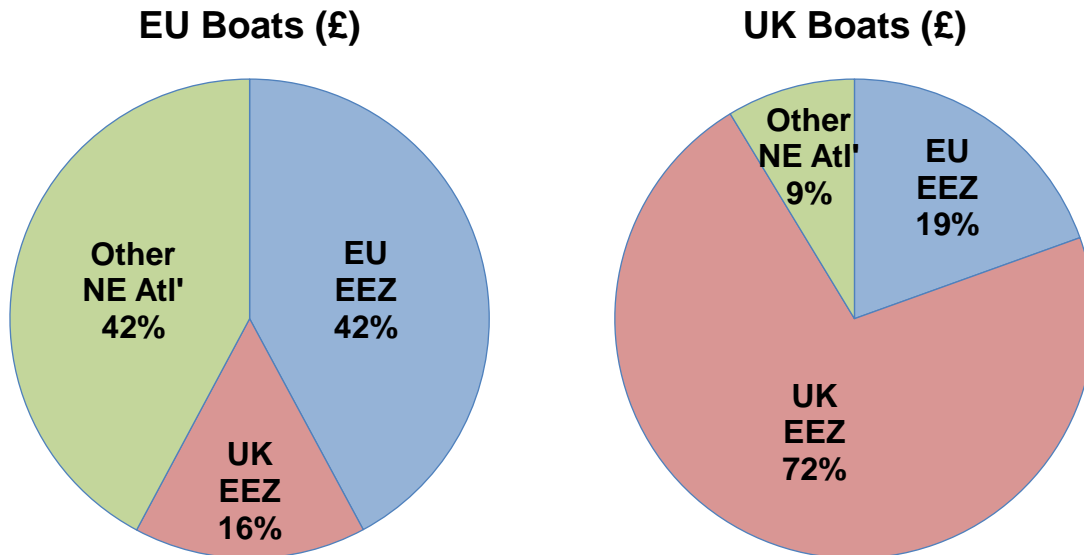
All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	1,079.1	34%	£1,216.7	53%
from UK EEZ	696.7	22%	£508.3	22%
from Elsewhere in NE Atlantic	1,381.9	44%	£582.4	25%
TOTAL	3,157.8	100%	£2,307.5	100%
UK Boats				
from EU EEZ	92.6	14%	£107.5	14%
from UK EEZ	526.8	81%	£642.7	82%
from Elsewhere in NE Atlantic	27.9	4%	£31.0	4%
TOTAL	647.2	100%	£781.1	100%
UK EEZ				
UK Boats	526.8	43%	£642.7	56%
EU Boats	696.7	57%	£508.3	44%
Other EU Boats	---	---	---	---
TOTAL	1,223.5	100%	£1,151.0	100%
Ratio (EU:UK)	7.5 : 1		4.7 : 1	

Figure 67 Breakdown of the estimated weights and values of all fish and shellfish landed by EU and UK fishing boats from the North East Atlantic (FAO Area 27) and from the EU and UK EEZs. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015. EU EEZ excludes Baltic, Madeira & Azores.)

European Union



Demersal Fish



Demersal Fish	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	255.6	36%	£589.5	42%
from UK EEZ	114.4	16%	£219.4	16%
from Elsewhere in NE Atlantic	347.8	48%	£590.2	42%
TOTAL	717.8	100%	£1,399.0	100%
UK Boats				
from EU EEZ	28.0	18%	£55.0	20%
from UK EEZ	114.5	72%	£202.3	72%
from Elsewhere in NE Atlantic	15.9	10%	£24.4	9%
TOTAL	158.3	100%	£281.7	100%
UK EEZ				
UK Boats	114.5	50%	£202.3	48%
EU Boats	114.4	50%	£219.4	52%
Other EU Boats	---	---	---	---
TOTAL	228.9	100%	£421.7	100%
Ratio (EU:UK)	4.1 : 1		4.0 : 1	

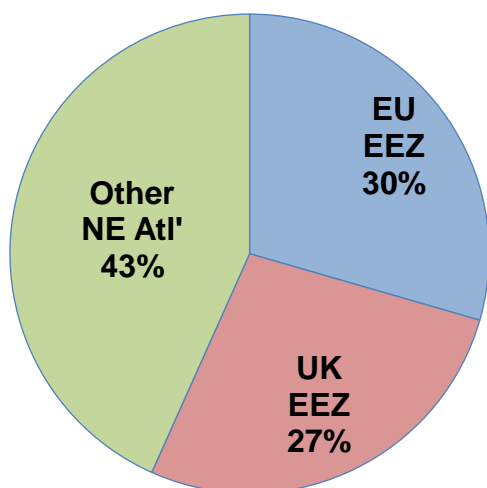
Figure 68 Breakdown of the estimated weights and values of demersal fish landed by EU and UK fishing boats from the North East Atlantic (FAO Area 27) and from the EU and UK EEZs. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015. EU EEZ excludes Baltic, Madeira & Azores.)

European Union

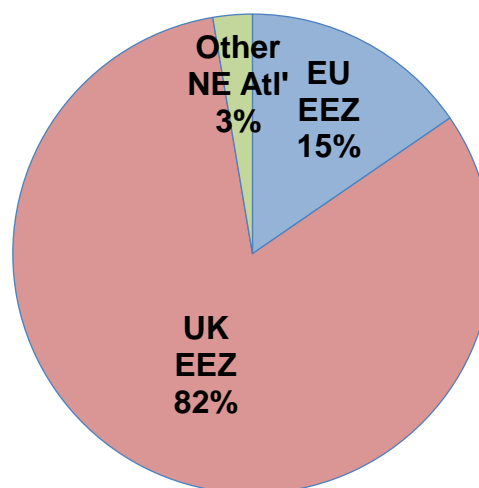


Pelagic Fish

EU Boats (£)



UK Boats (£)



Pelagic Fish	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	394.8	27%	£236.8	29%
from UK EEZ	427.0	30%	£218.7	27%
from Elsewhere in NE Atlantic	614.1	43%	£347.9	43%
TOTAL	1,435.9	100%	£803.4	100%
UK Boats				
from EU EEZ	53.6	16%	£34.1	15%
from UK EEZ	266.1	80%	£181.4	82%
from Elsewhere in NE Atlantic	11.8	4%	£5.9	3%
TOTAL	331.5	100%	£221.4	100%
UK EEZ				
UK Boats	266.1	38%	£181.4	45%
EU Boats	427.0	62%	£218.7	55%
Other EU Boats	---	---	---	---
TOTAL	693.2	100%	£400.0	100%
Ratio (EU:UK)	8.0 : 1		6.4 : 1	

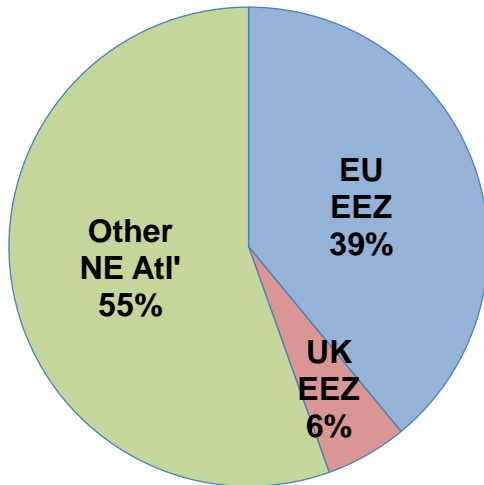
Figure 69 Breakdown of the estimated weights and values of pelagic fish landed by EU and UK fishing boats from the North East Atlantic (FAO Area 27) and from the EU and UK EEZs. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015. EU EEZ excludes Baltic, Madeira & Azores.)

European Union

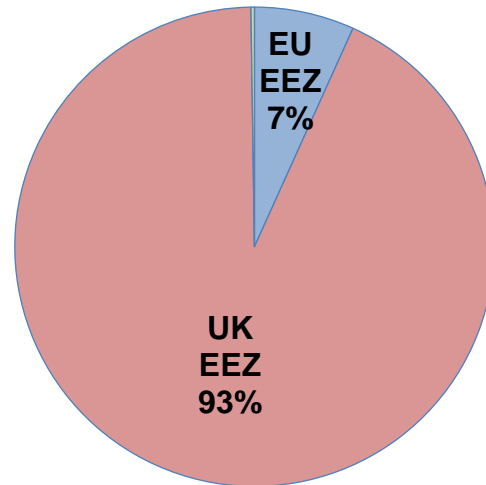


Shellfish

EU Boats (£)



UK Boats (£)



Shellfish	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	130.0	44%	£247.1	39%
from UK EEZ	16.3	6%	£34.9	6%
from Elsewhere in NE Atlantic	149.6	51%	£351.1	55%
TOTAL	295.9	100%	£633.1	100%
UK Boats				
from EU EEZ	9.2	7%	£17.4	7%
from UK EEZ	123.4	93%	£240.0	93%
from Elsewhere in NE Atlantic	0.2	0%	£0.6	0%
TOTAL	132.8	100%	£258.0	100%
UK EEZ				
UK Boats	123.4	88%	£240.0	87%
EU Boats	16.3	12%	£34.9	13%
Other EU Boats	---	---	---	---
TOTAL	139.7	100%	£274.9	100%
Ratio (EU:UK)	1.8 : 1		2.0 : 1	

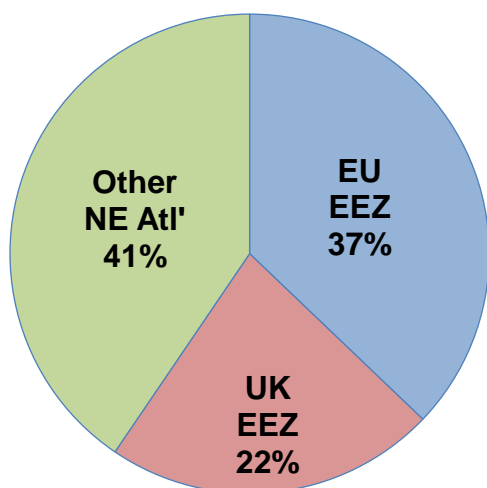
Figure 70 Breakdown of the estimated weights and values of shellfish landed by EU and UK fishing boats from the North East Atlantic (FAO Area 27) and from the EU and UK EEZs. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015. EU EEZ excludes Baltic, Madeira & Azores.)

European Union

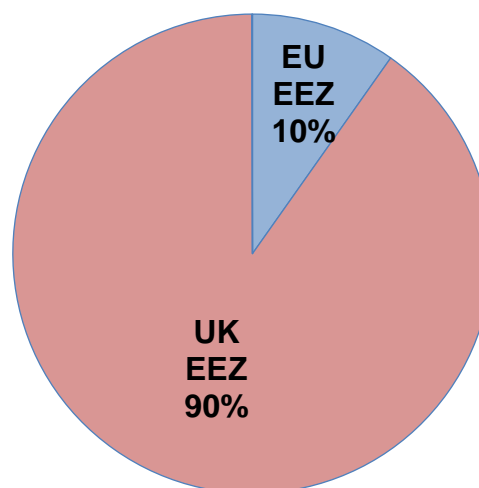


Industrial Fish

EU Boats (£)



UK Boats (£)



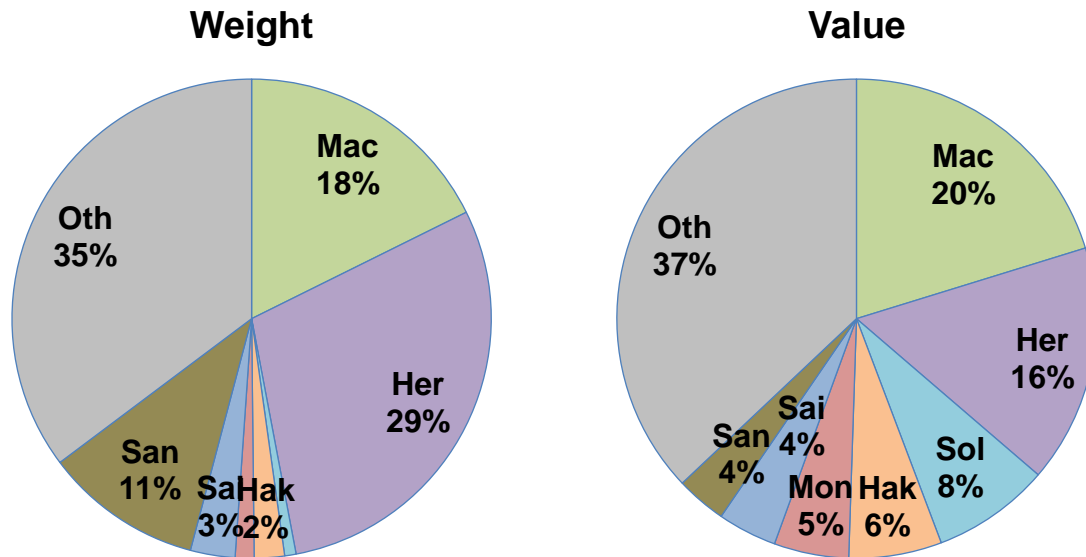
Industrial Fish	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	224.9	37%	£46.6	37%
from UK EEZ	133.2	22%	£28.0	22%
from Elsewhere in NE Atlantic	252.6	41%	£50.8	41%
TOTAL	610.7	100%	£125.4	100%
UK Boats				
from EU EEZ	1.1	10%	£0.2	10%
from UK EEZ	10.0	90%	£2.2	90%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	11.1	100%	£2.4	100%
UK EEZ				
UK Boats	10.0	7%	£2.2	7%
EU Boats	133.2	93%	£28.0	93%
Other EU Boats	---	---	---	---
TOTAL	143.2	100%	£30.2	100%
Ratio (EU:UK)	118 : 1		117 : 1	

Figure 71 Breakdown of the estimated weights and values of industrial fish landed by EU and UK fishing boats from the North East Atlantic (FAO Area 27) and from the EU and UK EEZs. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015. EU EEZ excludes Baltic, Madeira & Azores.)

European Union



EU Boats – UK EEZ



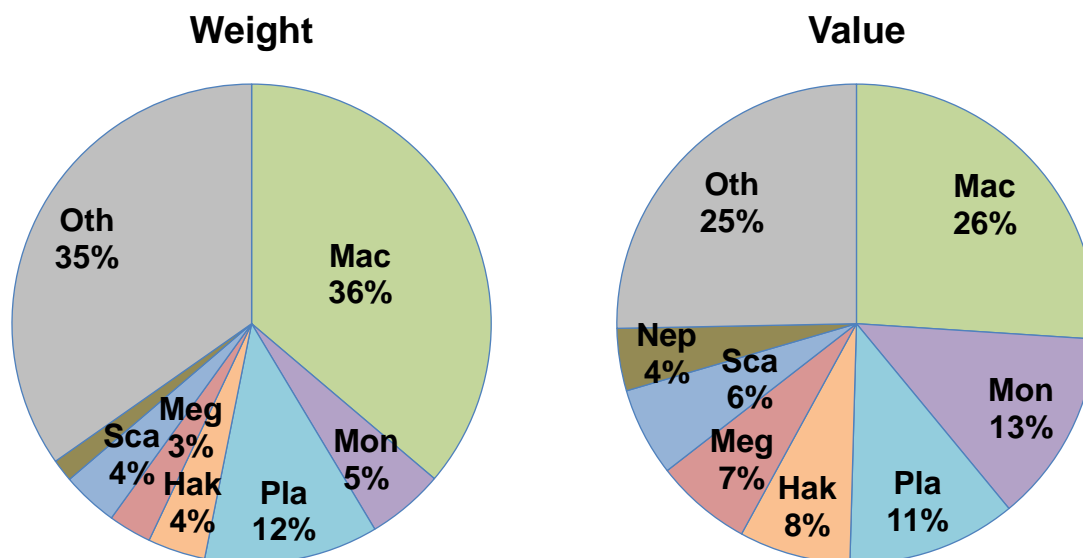
from UK EEZ	Weight ('000 t.)		Value (£ m)	
Mackerel	123.1	18%	£102.9	20%
Herring	204.5	29%	£81.7	16%
Common Sole	5.4	1%	£40.4	8%
Hake	14.2	2%	£31.9	6%
Monks	8.9	1%	£25.6	5%
Saithe	21.0	3%	£20.3	4%
Sandeels	74.2	11%	£17.3	3%
Nephrops	4.7	1%	£15.2	3%
Horse Mackerel	34.4	5%	£14.1	3%
Plaice	11.6	2%	£13.1	3%
Other Species	194.8	28%	£145.9	29%
TOTAL	696.7	100%	£508.3	100%

Figure 72 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by EU fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

European Union



UK Boats – EU EEZ



from EU EEZ	Weight ('000 t.)	Value (£ m)
Mackerel	33.5 36%	£28.0 26%
Monks	4.8 5%	£14.0 13%
Plaice	10.9 12%	£12.3 11%
Hake	3.6 4%	£8.1 8%
Megrim	2.7 3%	£7.0 7%
Scallops	3.5 4%	£6.4 6%
Nephrops	1.4 2%	£4.5 4%
Blue Whiting	2.5 3%	£3.2 3%
Edible Crab	13.0 14%	£3.2 3%
Common Sole	0.4 0%	£2.9 3%
Other Species	16.2 18%	£17.9 17%
TOTAL	92.6 100%	£107.5 100%

Figure 73 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the EU EEZ by UK fishing boats. (Annual average landings from 2011 to 2015. Species ranked by value.)

Importance of the UK EEZ to EU Fishing Boats

Overall, it is estimated that over the five-year period from 2011 to 2015 just over one-fifth of all the fish and shellfish landed by EU fishing boats from the North-East Atlantic (FAO Area 27) was caught in the UK EEZ (Figure 74).

The importance of the UK EEZ to EU fishing boats – that is, the proportion of their landings that were caught in the UK EEZ varied widely between EU Member States. (It should be noted that the importance of the UK EEZ – or the level of ‘dependence’ on it by EU fishing boats – does not necessarily correspond to the quantity of fish or shellfish caught there. That is, those countries that have the highest levels of ‘dependence’ do not necessarily catch the largest volumes.)

Belgian fishing boats had the highest level of ‘dependence’ on the UK EEZ, with about half of all the fish and shellfish that they landed (47% by weight, 52% by value) caught in the UK EEZ (Figure 74). Dutch boats also caught half of the fish and shellfish that they landed in the UK EEZ (50% by weight), but just over one-third (37%) by value.

Irish, Danish, French and German fishing boats all caught about one-third (by weight) of the fish and shellfish that they landed in the UK EEZ, while Dutch, Irish and Danish boats all caught about one-third by value (Figure 74).

Demersal Fish

Belgian fishing boats had the highest level of ‘dependence’ on the UK EEZ for demersal fish, with about half of their landings (48% by weight, 54% by value) caught there EEZ (Figure 75).

French boats had the next highest level of ‘dependence’ with two-fifths of their landings of demersal fish (42% by weight), or one-third (32%) by value, caught in the UK EEZ.

Dutch and Irish boats were the only other ones to catch more than one-fifth of their demersal fish in the UK EEZ, while for Danish, German and Swedish boats the proportion was 5% or less.

Pelagic Fish

Danish fishing boats had the highest level of ‘dependence’ on the UK EEZ for pelagic fish, with more than two-thirds of their landings (67% by weight, 70% by value) caught there (Figure 76).

Dutch and German boats all caught more than half of the pelagic fish that they landed in the UK EEZ, while Irish and Belgian boats caught one-third or more of their pelagic fish there.

Only Swedish and Spanish fishing boats caught less than one-quarter of the pelagic fish that they landed in the UK EEZ (Spanish boats almost none).

Shellfish

Belgian and Irish fishing boats had the highest levels of 'dependence' on the UK EEZ for shellfish, with one-third or more of their landings (by value) caught there (Figure 77).

The only other EU Member State to catch a significant proportion of its landings of shellfish in the UK EEZ was France (14% by value). All other States caught only very small proportions of the shellfish that they landed (<4%) in the UK EEZ.

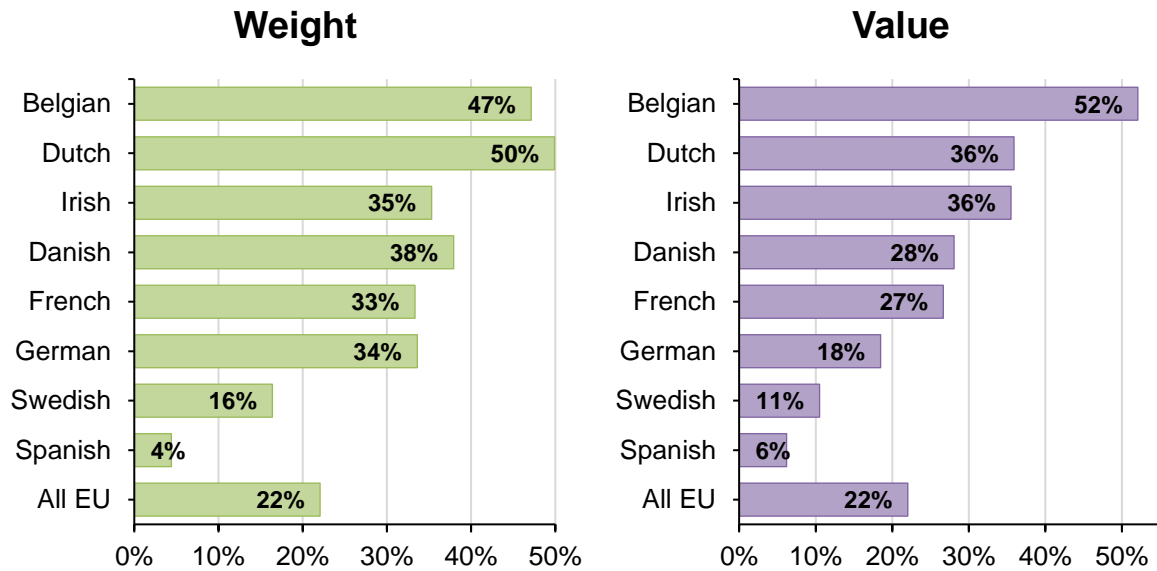
Industrial Fish

Dutch and Belgian fishing boats had the highest levels of 'dependence' on the UK EEZ for industrial fish, with more than two-thirds of their landings caught there (although for Belgian boats the quantity involved was relatively small) (Figure 78).

French, Danish and German boats all caught about one-third or more of the industrial fish that they landed in the UK EEZ, although only the Danish boats landed a large quantity.

Importance of the UK EEZ to EU Boats

All Fish & Shellfish

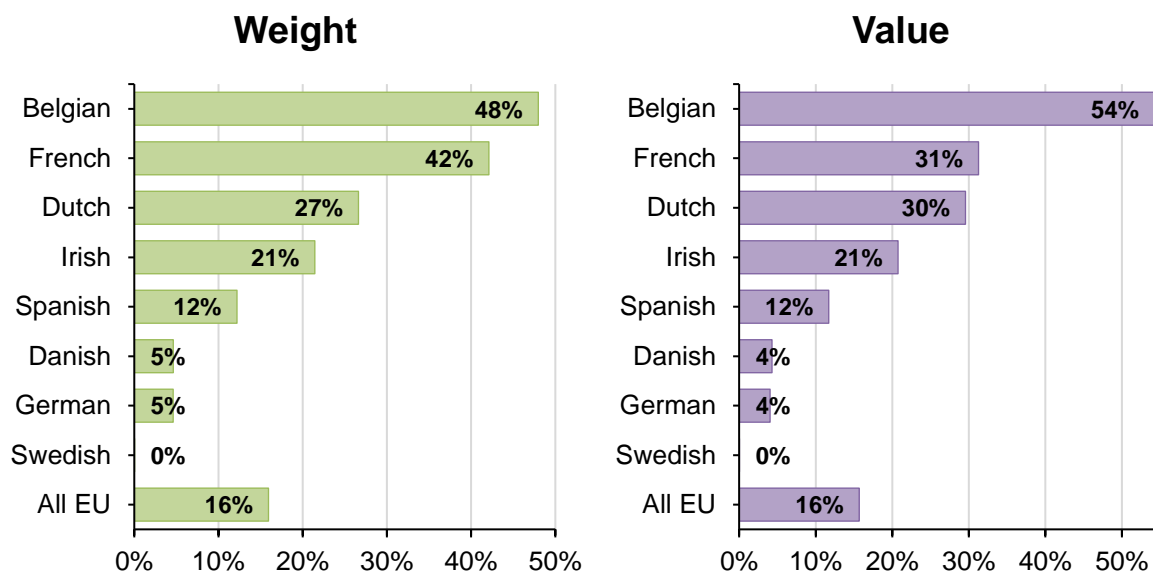


All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
UK Boats	526.8	81%	£642.7	82%
Belgian Boats	11.0	47%	£31.5	52%
Dutch Boats	146.2	50%	£94.5	36%
Irish Boats	91.3	35%	£78.4	36%
Danish Boats	228.1	38%	£89.7	28%
French Boats	110.4	33%	£147.1	27%
German Boats	70.3	34%	£35.2	18%
Swedish Boats	28.7	16%	£10.1	11%
Spanish Boats	10.8	4%	£21.7	6%
ALL EU Boats	696.7	22%	£508.3	22%

Figure 74 The estimated proportions of the weights and values of all fish and shellfish landed by EU Member States' fishing boats from the North East Atlantic that were caught in the UK EEZ. (Annual average landings from 2011 to 2015. States ranked by percentages of value their of landings caught in UK EEZ.)

Importance of the UK EEZ to EU Boats

Demersal Fish

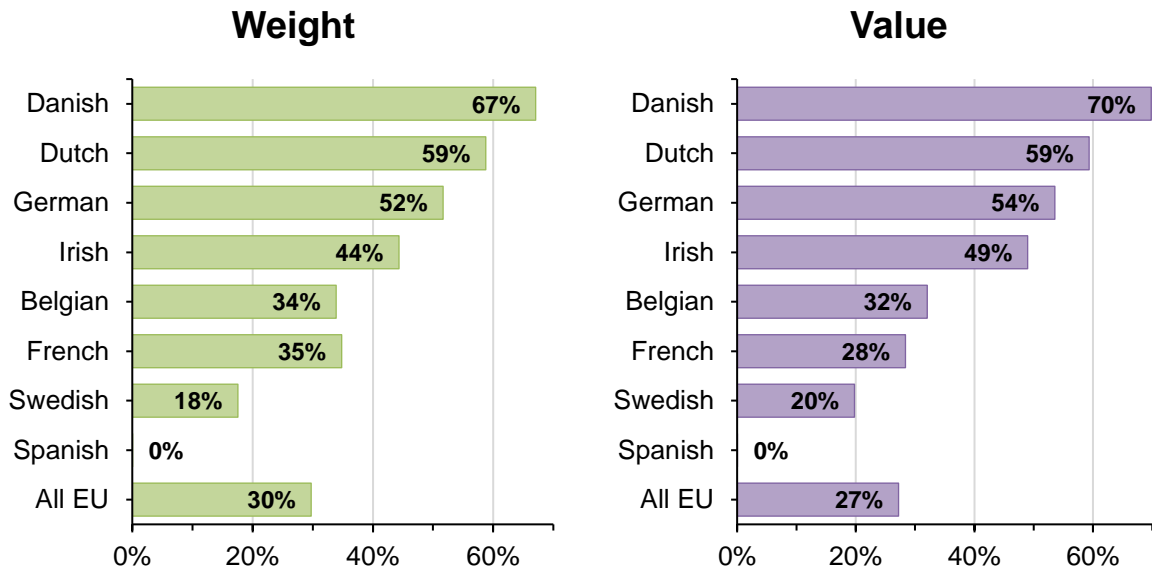


Demersal Fish	Weight ('000 t.)		Value (£ m)	
UK Boats	114.5	72%	£202.3	72%
Belgian Boats	9.5	48%	£29.2	54%
French Boats	69.9	42%	£113.6	31%
Dutch Boats	13.2	27%	£36.8	30%
Irish Boats	6.1	21%	£10.9	21%
Spanish Boats	9.9	12%	£20.3	12%
Danish Boats	3.4	5%	£4.9	4%
German Boats	2.4	5%	£3.7	4%
Swedish Boats	0.0	0%	£0.0	0%
ALL EU Boats	114.4	16%	£219.4	16%

Figure 75 The estimated proportions of the weights and values of demersal fish landed by EU Member States' fishing boats from the North East Atlantic that were caught in the UK EEZ. (Annual average landings from 2011 to 2015. States ranked by percentages of value of their landings caught in UK EEZ.)

Importance of the UK EEZ to EU Boats

Pelagic Fish

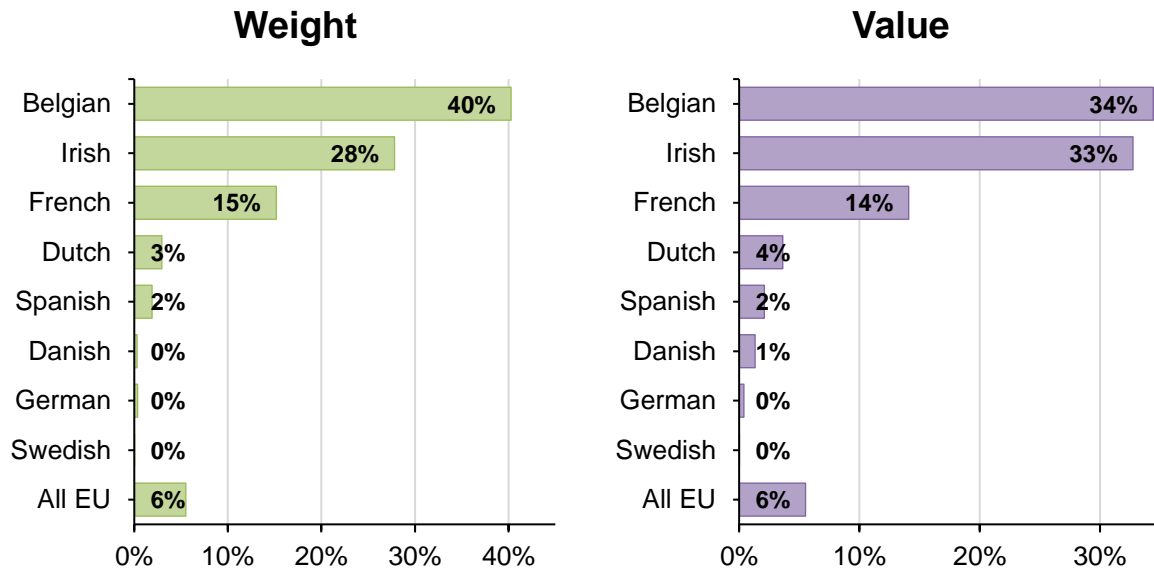


Pelagic Fish	Weight ('000 t.)	Value (£ m)
UK Boats	266.1	£181.4
Danish Boats	126.7	£64.0
Dutch Boats	127.3	£55.0
German Boats	62.4	£30.1
Irish Boats	69.3	£48.8
Belgian Boats	0.0	£0.0
French Boats	27.2	£14.0
Swedish Boats	14.1	£6.7
Spanish Boats	0.0	£0.0
ALL EU Boats	427.0	£218.7

Figure 76 The estimated proportions of the weights and values of pelagic fish landed by EU Member States' fishing boats from the North East Atlantic that were caught in the UK EEZ. (Annual average landings from 2011 to 2015. States ranked by percentages of value of their landings caught in UK EEZ.)

Importance of the UK EEZ to EU Boats

Shellfish

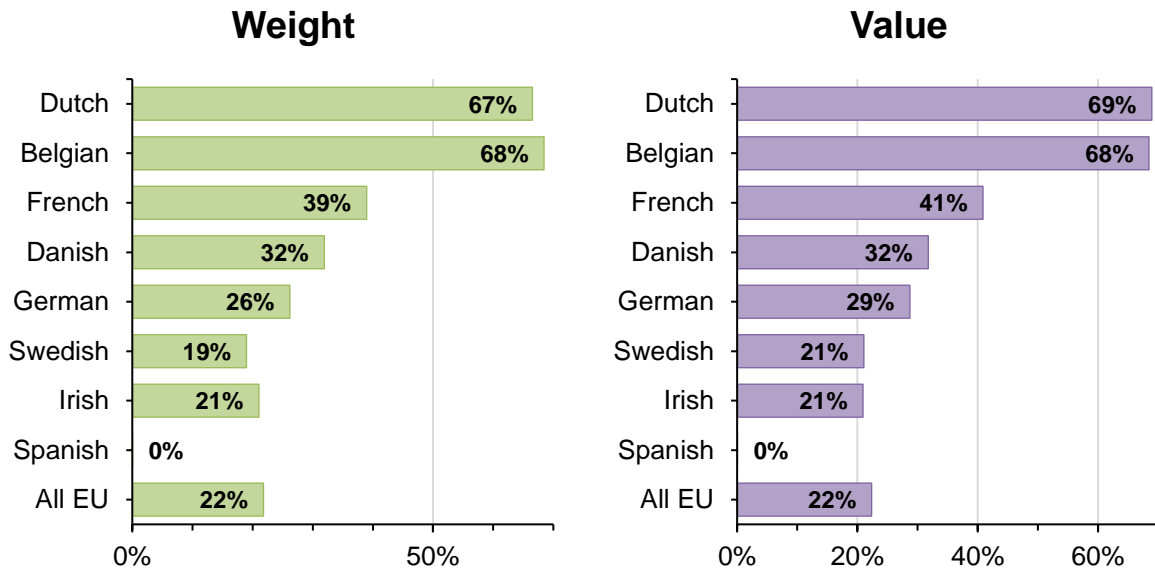


Shellfish	Weight ('000 t.)		Value (£ m)	
UK Boats	123.4	93%	£240.0	93%
Belgian Boats	1.2	40%	£2.3	34%
Irish Boats	6.0	28%	£15.9	33%
French Boats	8.2	15%	£13.8	14%
Dutch Boats	0.6	3%	£1.6	4%
Spanish Boats	0.2	2%	£0.5	2%
Danish Boats	0.1	0%	£0.7	1%
German Boats	0.1	0%	£0.2	0%
Swedish Boats	0.0	0%	£0.0	0%
ALL EU Boats	16.3	6%	£34.9	6%

Figure 77 The estimated proportions of the weights and values of shellfish landed by EU Member States' fishing boats from the North East Atlantic that were caught in the UK EEZ. (Annual average landings from 2011 to 2015. States ranked by percentages of value of landings caught in UK EEZ.)

Importance of the UK EEZ to EU Boats

Industrial Fish



Industrial Fish	Weight ('000 t.)		Value (£ m)	
UK Boats	10.0	90%	£2.2	90%
Dutch Boats	5.1	67%	£1.2	69%
Belgian Boats	0.2	68%	£0.1	68%
French Boats	0.7	39%	£0.3	41%
Danish Boats	98.0	32%	£20.1	32%
German Boats	5.4	26%	£1.3	29%
Swedish Boats	14.6	19%	£3.4	21%
Irish Boats	9.2	21%	£1.8	21%
Spanish Boats	0.0	0%	£0.0	0%
ALL EU Boats	133.2	22%	£28.0	22%

Figure 78 The estimated proportions of the weights and values of industrial fish landed by EU Member States' fishing boats from the North East Atlantic that were caught in the UK EEZ. (Annual average landings from 2011 to 2015. States ranked by percentages of value of landings caught in UK EEZ.)

Importance of the EU EEZ to UK Fishing Boats

Overall, it is estimated that over the five-year period from 2011 to 2015 about 14% of all the fish and shellfish landed by UK fishing boats from the North-East Atlantic (FAO Area 27) was caught in the EEZs of other EU Member States (Figure 79). More than four-fifths (81%) was caught in the UK EEZ.

Ireland's EEZ was the most important for UK fishing boats overall, although it accounted for only one-tenth of their total landings of fish and shellfish (10% by weight, 9% by value). The next ranked EEZ for UK boats was the French, with only 2% of the landings by UK boats, and other EU Member States' EEZs accounted for 1% or less of the total.

Demersal Fish

The Irish EEZ was the most 'important' for UK boats for landings of demersal fish, accounting for about one-tenth of the total (8% by weight, 11% by value) (Figure 80). The Danish and Dutch EEZs were ranked next, although they each accounted for only a few percent of UK boats' total landings of demersal fish.

Pelagic Fish

UK fishing boats landed significant quantities of pelagic fish from the EEZs of only two EU Member States, and again the Irish EEZ was the most important, accounting for 14% of the total (Figure 81), followed by the French EEZ with 2%.

Shellfish

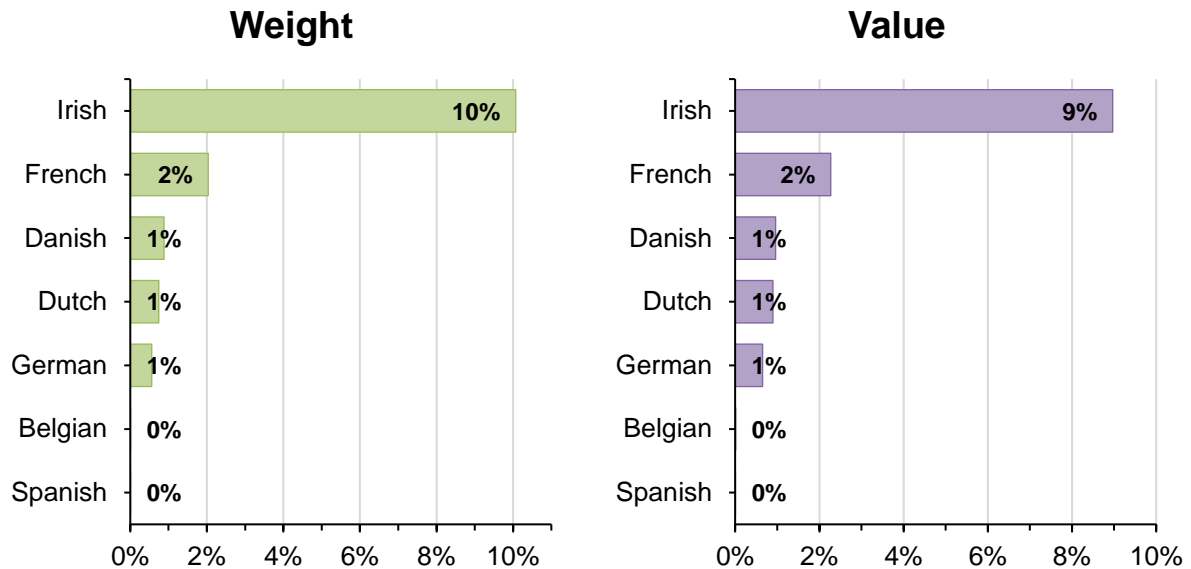
The quantities of shellfish landed by UK fishing boats from the EEZs of other EU Member States were small; only 7% of the total (Figure 82). Most of that was caught in the French or Irish EEZs, which each accounted for 3% of the shellfish landed by UK boats.

Industrial Fish

UK fishing boats landed only relatively small quantities of industrial fish, and most of that (90% by weight) was caught in the UK EEZ (Figure 83). Of the industrial fish landed from other EU Member States' EEZs, most (4% of the total weight) was caught in the French EEZ, followed by the Dutch and Irish EEZs.

Importance of the EU EEZ to UK Boats

All Fish & Shellfish

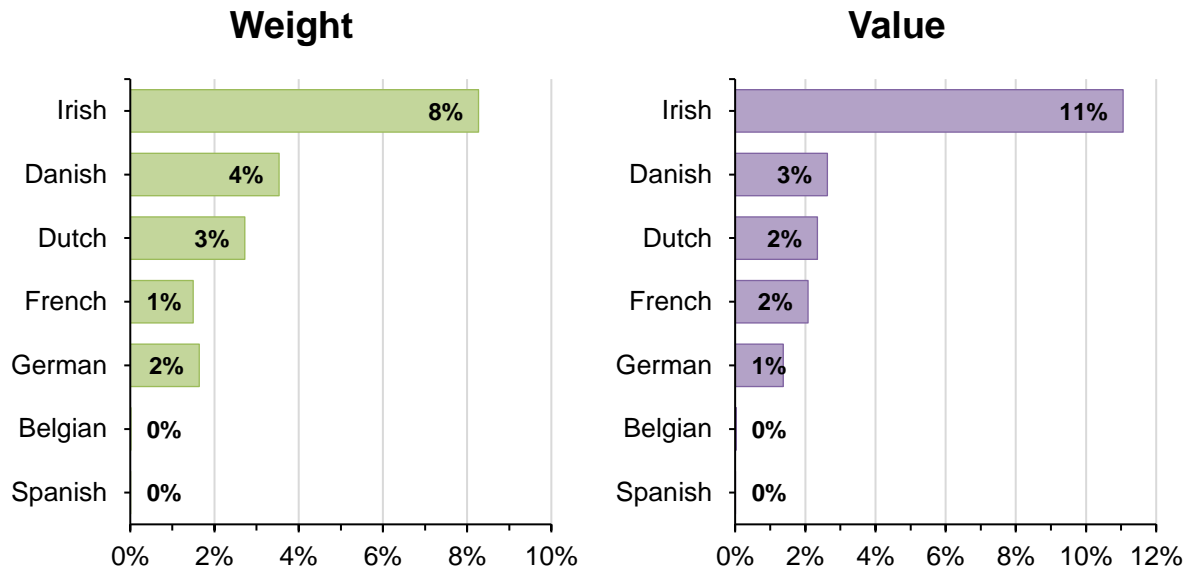


All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
UK EEZ	526.8	81%	£642.7	82%
Irish EEZ	65.2	10%	£70.0	9%
French EEZ	13.2	2%	£17.7	2%
Danish EEZ	5.7	1%	£7.5	1%
Dutch EEZ	4.8	1%	£7.0	1%
German EEZ	3.6	1%	£5.1	1%
Belgian EEZ	0.0	0%	£0.1	0%
Spanish EEZ	0.0	0%	£0.0	0%
EU EEZ	92.6	14%	£107.5	14%

Figure 79 The estimated proportions of the weights and values of all fish and shellfish landed by UK fishing boats from EU Member States EEZs. (Annual average landings from 2011 to 2015. States ranked by percentages of value of UK landings caught in their EEZ.)

Importance of the EU EEZ to UK Boats

Demersal Fish

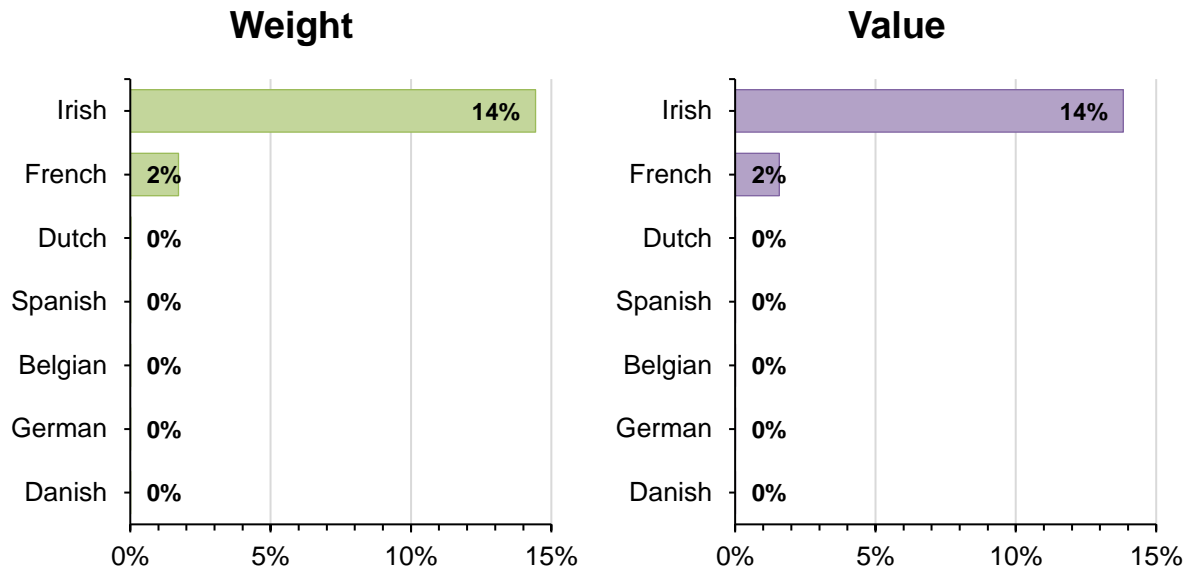


Demersal Fish	Weight ('000 t.)		Value (£ m)	
UK EEZ	114.5	72%	£202.3	72%
Irish EEZ	13.1	8%	£31.1	11%
Danish EEZ	5.6	4%	£7.4	3%
Dutch EEZ	4.3	3%	£6.6	2%
French EEZ	2.4	1%	£5.9	2%
German EEZ	2.6	2%	£3.9	1%
Belgian EEZ	0.0	0%	£0.1	0%
Spanish EEZ	0.0	0%	£0.0	0%
EU EEZ	28.0	18%	£55.0	20%

Figure 80 The estimated proportions of the weights and values of demersal fish landed by UK fishing boats from EU Member States EEZs. (Annual average landings from 2011 to 2015. States ranked by percentages of value of UK landings caught in their EEZ.)

Importance of the EU EEZ to UK Boats

Pelagic Fish

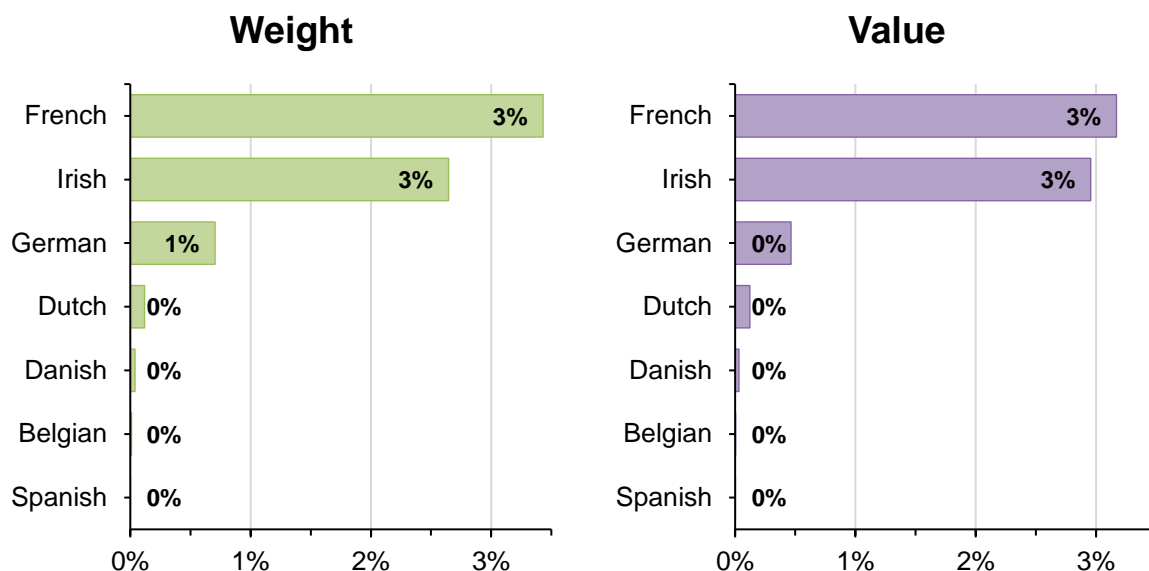


Pelagic Fish	Weight ('000 t.)		Value (£ m)	
UK EEZ	266.1	80%	£181.4	82%
Irish EEZ	47.9	14%	£30.6	14%
French EEZ	5.7	2%	£3.5	2%
Dutch EEZ	0.1	0%	£0.0	0%
Spanish EEZ	0.0	0%	£0.0	0%
Belgian EEZ	0.0	0%	£0.0	0%
German EEZ	0.0	0%	£0.0	0%
Danish EEZ	0.0	0%	£0.0	0%
EU EEZ	53.6	16%	£34.1	15%

Figure 81 The estimated proportions of the weights and values of pelagic fish landed by UK fishing boats from EU Member States EEZs. (Annual average landings from 2011 to 2015. States ranked by percentages of value of UK landings caught in their EEZ.)

Importance of the EU EEZ to UK Boats

Shellfish

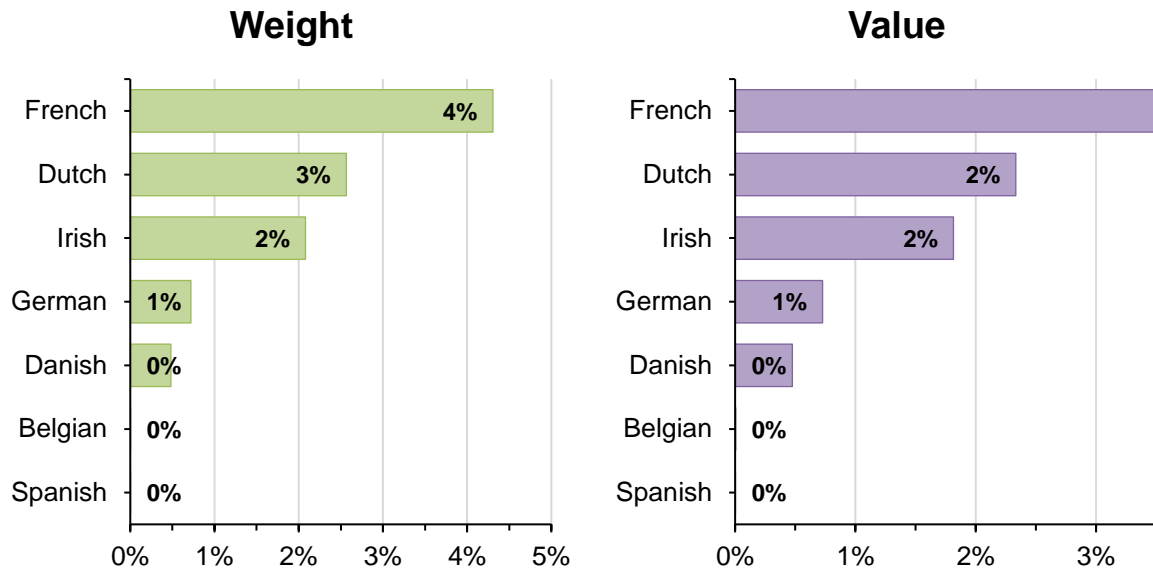


Shellfish	Weight ('000 t.)		Value (£ m)	
UK EEZ	123.4	93%	£240.0	93%
French EEZ	4.6	3%	£8.2	3%
Irish EEZ	3.5	3%	£7.6	3%
German EEZ	0.9	1%	£1.2	0%
Dutch EEZ	0.2	0%	£0.3	0%
Danish EEZ	0.1	0%	£0.1	0%
Belgian EEZ	0.0	0%	£0.0	0%
Spanish EEZ	0.0	0%	£0.0	0%
EU EEZ	9.2	7%	£17.4	7%

Figure 82 The estimated proportions of the weights and values of shellfish landed by UK fishing boats from EU Member States EEZs. (Annual average landings from 2011 to 2015. States ranked by percentages of value of UK landings caught in their EEZ.)

Importance of the EU EEZ to UK Boats

Industrial Fish



Industrial Fish	Weight ('000 t.)		Value (£ m)	
UK EEZ	10.0	90%	£2.2	90%
French EEZ	0.5	4%	£0.1	4%
Dutch EEZ	0.3	3%	£0.1	2%
Irish EEZ	0.2	2%	£0.0	2%
German EEZ	0.1	1%	£0.0	1%
Danish EEZ	0.1	0%	£0.0	0%
Belgian EEZ	0.0	0%	£0.0	0%
Spanish EEZ	0.0	0%	£0.0	0%
EU EEZ	1.1	10%	£0.2	10%

Figure 83 The estimated proportions of the weights and values of industrial fish landed by UK fishing boats from EU Member States EEZs. (Annual average landings from 2011 to 2015. States ranked by percentages of value of UK landings caught in their EEZ.)

Summary of Key Information

Key information from the preceding sections, including the weights and values of fish and shellfish landed from the UK EEZ by EU Member States' boats, from Member States' EEZs by UK fishing boats, and the ratios between them, are summarised in Table 2 (all fish and shellfish), Table 3 (demersal fish), Table 4 (pelagic fish), Table 5 (shellfish) and Table 6 (industrial fish).

Table 2 Summary of key information: Weight and value of all fish and shellfish landed from the UK EEZ by UK and EU fishing boats, and by UK boats from the EU EEZ, by nationality. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015.)

ALL Fish & Shellfish

Boats / Nation	from UK EEZ						UK Boats				Ratio	
	Weight ('000 t.)			Value (£ m)			Weight ('000 t.)		Value (£ m)		Boats in UK EEZ : UK Boats in Nation's EEZ	
	Wt.	% ¹	% ²	£	% ¹	% ²	Wt.	% ³	£	% ³	Wt.	£
UK	527	81%	43%	£643	82%	56%	527	81%	£643	82%		
Sweden	29	16%	2%	£10	11%	1%	0	0%	£0	0%	---	---
Denmark	228	38%	19%	£90	28%	8%	6	1%	£8	1%	39.9 : 1	11.9 : 1
Germany	70	34%	6%	£35	18%	3%	4	1%	£5	1%	19.4 : 1	6.9 : 1
Netherlands	146	50%	12%	£95	36%	8%	5	1%	£7	1%	30.3 : 1	13.5 : 1
Belgium	11	47%	1%	£32	52%	3%	0	0%	£0	0%	235 : 1	303 : 1
France	110	33%	9%	£147	27%	13%	13	2%	£18	2%	8.4 : 1	8.3 : 1
Spain	11	4%	1%	£22	6%	2%	0	0%	£0	0%	>1000 : 1	>1000 : 1
Ireland	91	35%	7%	£78	36%	7%	65	10%	£70	9%	1.4 : 1	1.1 : 1
EU Total	697	22%	57%	£508	22%	44%	93	14%	£108	14%	7.5 : 1	4.7 : 1

%¹ = 'Dependence' on the UK EEZ: Nation's landings from UK EEZ as % of total landings from NE Atlantic (FAO Area 27).

%² = Nation's landings from UK EEZ as % of total UK and EU landings from UK EEZ.

%³ = UK landings from each EEZ as % of total from NE Atlantic (FAO Area 27).

Table 3 Summary of key information: Weight and value of demersal fish landed from the UK EEZ by UK and EU fishing boats, and by UK boats from the EU EEZ, by nationality. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015.)

Demersal Fish

Boats / Nation	from UK EEZ						UK Boats				Ratio	
	Weight ('000 t.)			Value (£ m)			Weight ('000 t.)		Value (£ m)		Boats in UK EEZ : UK Boats in Nation's EEZ	
	Wt.	% ¹	% ²	£	% ¹	% ²	Wt.	% ³	£	% ³	Wt.	£
UK	114	72%	62%	£202	72%	55%	114	72%	£202	72%		
Sweden	0	0%	0%	£0	0%	0%	0	0%	£0	0%	---	---
Denmark	3	5%	1%	£5	4%	1%	6	4%	£7	3%	0.6 : 1	0.7 : 1
Germany	2	5%	0%	£4	4%	0%	3	2%	£4	1%	0.9 : 1	1.0 : 1
Netherlands	13	27%	6%	£37	30%	9%	4	3%	£7	2%	3.1 : 1	5.6 : 1
Belgium	10	48%	4%	£29	54%	7%	0	0%	£0	0%	410 : 1	327 : 1
France	70	42%	31%	£114	31%	27%	2	1%	£6	2%	29.6 : 1	19.4 : 1
Spain	10	12%	4%	£20	12%	5%	0	0%	£0	0%	>1000 : 1	>1000 : 1
Ireland	6	21%	3%	£11	21%	3%	13	8%	£31	11%	0.5 : 1	0.3 : 1
EU Total	114	16%	50%	£219	16%	52%	28	18%	£55	20%	4.1 : 1	4.0 : 1

%¹ = 'Dependence' on the UK EEZ: Nation's landings from UK EEZ as % of total landings from NE Atlantic (FAO Area 27).

%² = Nation's landings from UK EEZ as % of total UK and EU landings from UK EEZ.

%³ = UK landings from each EEZ as % of total from NE Atlantic (FAO Area 27).

Table 4 Summary of key information: Weight and value of pelagic fish landed from the UK EEZ by UK and EU fishing boats, and by UK boats from the EU EEZ, by nationality. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015.)

Pelagic Fish

Boats / Nation	from UK EEZ						UK Boats				Ratio	
	Weight ('000 t.)			Value (£ m)			Weight ('000 t.)		Value (£ m)		Boats in UK EEZ : UK Boats in Nation's EEZ	
	Wt.	% ¹	% ²	£	% ¹	% ²	Wt.	% ³	£	% ³	Wt.	£
UK	266	80%	0%	£181	82%	0%	266	80%	£181	82%		
Sweden	14	18%	2%	£7	20%	2%	0	0%	£0	0%	---	---
Denmark	127	67%	18%	£64	70%	16%	0	0%	£0	0%	>1000 : 1	>1000 : 1
Germany	62	52%	0%	£30	54%	0%	0	0%	£0	0%	>1000 : 1	>1000 : 1
Netherlands	127	59%	18%	£55	59%	14%	0	0%	£0	0%	>1000 : 1	>1000 : 1
Belgium	0	34%	0%	£0	32%	0%	0	0%	£0	0%	3.6 : 1	4.9 : 1
France	27	35%	4%	£14	28%	3%	6	2%	£3	2%	4.8 : 1	4.0 : 1
Spain	0	0%	0%	£0	0%	0%	0	0%	£0	0%	4.7 : 1	5.1 : 1
Ireland	69	44%	10%	£49	49%	12%	48	14%	£31	14%	1.4 : 1	1.6 : 1
EU Total	427	30%	62%	£219	27%	55%	54	16%	£34	15%	8.0 : 1	6.4 : 1

%¹ = 'Dependence' on the UK EEZ: Nation's landings from UK EEZ as % of total landings from NE Atlantic (FAO Area 27).

%² = Nation's landings from UK EEZ as % of total UK and EU landings from UK EEZ.

%³ = UK landings from each EEZ as % of total from NE Atlantic (FAO Area 27).

Table 5 Summary of key information: Weight and value of shellfish landed from the UK EEZ by UK and EU fishing boats, and by UK boats from the EU EEZ, by nationality. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015.)

Shellfish

Boats / Nation	from UK EEZ						UK Boats				Ratio	
	Weight ('000 t.)			Value (£ m)			Weight ('000 t.)		Value (£ m)		Boats in UK EEZ : UK Boats in Nation's EEZ	
	Wt.	% ¹	% ²	£	% ¹	% ²	Wt.	% ³	£	% ³	Wt.	£
UK	123	93%	0%	£240	93%	0%	123	93%	£240	93%		
Sweden	0.0	0%	---	£0.0	0%	---	£0.0	0%	£0.0	0%	---	---
Denmark	0.1	0%	0%	£0.7	1%	0%	£0.1	0%	£0.1	0%	1.9 : 1	8.0 : 1
Germany	0.1	0%	0%	£0.2	0%	0%	£0.9	1%	£1.2	0%	0.1 : 1	0.1 : 1
Netherlands	0.6	3%	0%	£1.6	4%	1%	£0.2	0%	£0.3	0%	3.6 : 1	5.1 : 1
Belgium	1.2	40%	1%	£2.3	34%	1%	£0.0	0%	£0.0	0%	89.3 : 1	205.2 : 1
France	8.2	15%	6%	£13.8	14%	5%	£4.6	3%	£8.2	3%	1.8 : 1	1.7 : 1
Spain	0.2	2%	0%	£0.5	2%	0%	£0.0	0%	£0.0	0%	>1000 : 1	>1000 : 1
Ireland	6.0	28%	4%	£15.9	33%	6%	£3.5	3%	£7.6	3%	1.7 : 1	2.1 : 1
EU Total	16.3	6%	12%	£34.9	6%	13%	£9.2	7%	£17.4	7%	1.8 : 1	2.0 : 1

%¹ = 'Dependence' on the UK EEZ: Nation's landings from UK EEZ as % of total landings from NE Atlantic (FAO Area 27).

%² = Nation's landings from UK EEZ as % of total UK and EU landings from UK EEZ.

%³ = UK landings from each EEZ as % of total from NE Atlantic (FAO Area 27).

Table 6 Summary of key information: Weight and value of industrial fish landed from the UK EEZ by UK and EU fishing boats, and by UK boats from the EU EEZ, by nationality. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. (Annual average landings from 2011 to 2015.)

Industrial Fish

Boats / Nation	from UK EEZ						UK Boats				Ratio	
	Weight ('000 t.)			Value (£ m)			Weight ('000 t.)		Value (£ m)		Boats in UK EEZ : UK Boats in Nation's EEZ	
	Wt.	% ¹	% ²	£	% ¹	% ²	Wt.	% ³	£	% ³	Wt.	£
UK	10.0	90%	0%	£2.2	90%	0%	£10.0	90%	£2.2	90%		
Sweden	14.6	19%	10%	£3.4	21%	11%	£0.0	0%	£0.0	0%	---	---
Denmark	98.0	32%	68%	£20.1	32%	66%	£0.1	0%	£0.0	0%	>1000 : 1	>1000 : 1
Germany	£5.4	26%	0%	£1.3	29%	0%	£0.1	1%	£0.0	1%	68.1 : 1	71.3 : 1
Netherlands	£5.1	67%	4%	£1.2	69%	4%	£0.3	3%	£0.1	2%	18.0 : 1	20.6 : 1
Belgium	£0.2	68%	0%	£0.1	68%	0%	£0.0	0%	£0.0	0%	634 : 1	634 : 1
France	£0.7	39%	0%	£0.3	41%	1%	£0.5	4%	£0.1	4%	1.4 : 1	2.5 : 1
Spain	£0.0	0%	0%	£0.0	0%	0%	£0.0	0%	£0.0	0%	3.8 : 1	2.3 : 1
Ireland	£9.2	21%	6%	£1.8	21%	6%	£0.2	2%	£0.0	2%	39.7 : 1	39.7 : 1
EU Total	133	22%	93%	£28.0	22%	93%	£1.1	10%	£0.2	10%	118 : 1	117 : 1

%¹ = 'Dependence' on the UK EEZ: Nation's landings from UK EEZ as % of total landings from NE Atlantic (FAO Area 27).

%² = Nation's landings from UK EEZ as % of total UK and EU landings from UK EEZ.

%³ = UK landings from each EEZ as % of total from NE Atlantic (FAO Area 27).

Discussion & Conclusions

An analysis of available data has been carried out to determine how much fish and shellfish are landed from the UK's Exclusive Economic Zone (UK EEZ) by the fishing boats of individual EU Member States, and by UK boats from the EEZs of other EU Member States, over the five year period from 2011 to 2015.

The analysis has used 'official' data published by the European Commission's Scientific, Technical and Economic Committee for Fisheries (STECF) which provides the weights of fish and shellfish landed by EU fishing boats from each ICES statistical rectangle, based on logbook returns collected and collated by EU member states and submitted to STECF. As such, they probably represent the most comprehensive and detailed data that are likely to be available on the distribution of catches by EU fishing boats.

The results of this analysis indicate that fishing boats from eight EU Member States landed fish or shellfish caught in the UK EEZ: Denmark, Germany, the Netherlands, Belgium, France, Spain, Ireland and Sweden. Most was landed by Danish, Dutch, French or Irish boats, which together accounted for four-fifths of the total. Danish boats accounted for the largest individual share with one-third of the total (by weight), followed by Dutch and French boats.

By value, French fishing boats accounted for the largest individual share of the landings from the UK EEZ with more than one-quarter of the total, followed by Danish, Dutch and Irish boats.

The composition of the landings from the UK EEZ varied between Member States, but several principal groups of States were apparent (Table 7):

- ◆ Demersal fish were predominantly landed from the UK EEZ by Belgian, French and Spanish fishing boats;
- ◆ Pelagic fish were predominantly landed from the UK EEZ by Danish, German, Dutch, Irish and Swedish boats; and
- ◆ Industrial fish were predominantly landed from the UK EEZ by Danish and Swedish boats.

UK fishing boats landed fish or shellfish caught in the EEZs of six other EU Member States: Denmark, Germany, the Netherlands, Belgium, France and Ireland. More than two-thirds of those fish or shellfish were caught in the Irish EEZ, and most of the remainder in the French EEZ.

Again the composition of the landings by UK fishing boats varied between the EEZs of individual Member States, but again several principal groups of States were apparent (Table 8):

- ◆ Demersal fish were predominantly landed by UK boats from the Danish, German, Dutch, Belgian and French EEZs;
- ◆ Pelagic fish were predominantly landed by UK boats from the French and Irish EEZs; and
- ◆ Shellfish were predominantly landed by UK boats from the German, Belgian and French EEZs.

The compositions of Member States' Boats' landings from the UK EEZ were generally substantially different from those of the landings by UK fishing boats from those States' EEZs.

In almost all cases, EU Member States' fishing Boats landed substantially more fish and shellfish from the UK EEZ than UK boats did from those States' EEZs. Ireland was the only state where the balance was close to parity for all species, although even then Irish boats landed 40% more fish and shellfish (by weight) from the UK EEZ than UK boats did from the Irish EEZ.

Overall, EU fishing boats landed eight times more fish and shellfish (5 times more by value) from the UK EEZ than UK boats did from the EU EEZ. For most individual Member States the imbalance was even greater (for example, 30:1 for the Netherlands and 40:1 for Denmark).

The importance of the UK EEZ to fishing boats of other EU Member States – that is, the proportion of their total landings caught there – varied widely between EU Member States. Overall, just under one-quarter of EU fishing boats' landings from the North-East Atlantic (FAO Area 27) were caught in the UK EEZ.

Belgian and Dutch fishing boats had the highest level of 'dependence' on the UK EEZ with about half (by weight) of their total landings of fish and shellfish caught there. Danish, German, French and Irish boats all caught at least one-third (by weight) of their total landings in the UK EEZ.

By value, more than half of the Belgian Boats' landings were caught in the UK EEZ, while Dutch and Irish boats caught more than one-third of their landings there, and Danish and French boats more than one quarter.

The importance of the UK EEZ to other EU fishing boats tended to be highest for pelagic and industrial fish, with some Member States' boats catching two-thirds of their total landings in the UK EEZ, and was somewhat lower for shellfish.

In contrast, the vast majority of the fish and shellfish landed by UK fishing boats (>80%) was caught in the UK EEZ. The EEZs of other EU Member States were consequently much less important to UK fishing boats than the UK EEZ was to their boats. The most important EU EEZ for UK boats was the Irish, which accounted for about one-tenth of the fish and shellfish landed by UK boats (and 14% of the pelagic fish). The French, Dutch and Danish EEZs were ranked next in 'importance' for UK boats, although they generally accounted for only a few percent of the UK boats' landings.

Table 7 Summary, indicating which species group(s) dominated the landings from the UK EEZ by fishing boats from individual EU member states.

EU Boats from UK EEZ				
	Demersal	Pelagic	Shellfish	Industrial
Sweden		X		X
Denmark		X		X
Germany		X		
Netherlands		X		
Belgium	X			
France	X			
Spain	X			
Ireland		X		

Table 8 Summary, indicating which species group(s) dominated the landings by UK fishing boats from the EEZs of individual EU member states.

UK Boats from EU EEZs				
	Demersal	Pelagic	Shellfish	Industrial
Denmark	X			
Germany	X		X	
Netherlands	X			
Belgium	X		X	
France	X	X	X	
Ireland		X		

