

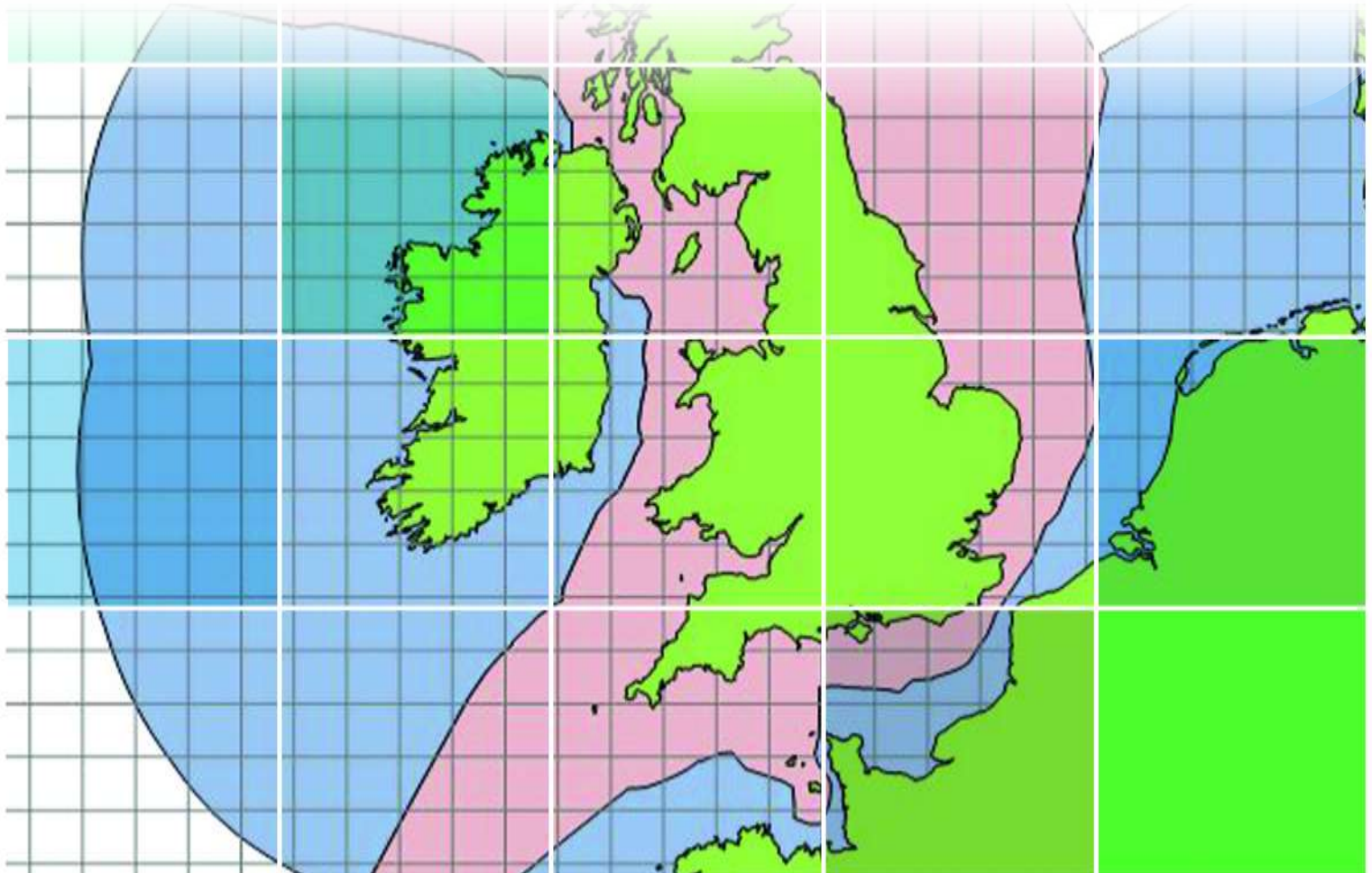


NAFC Marine Centre  
University of the  
Highlands and Islands

# Fish Landings from the UK EEZ 2015 - 2018

Ian R. Napier

1<sup>st</sup> July 2020





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**1<sup>st</sup> July 2020**

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## Summary

An analysis has been carried out of data published by the European Commission and the UK Marine Management Organisation, supplemented by additional data from other sources, to obtain estimates of the quantities of fish and shellfish landed from the UK EEZ and by UK boats from elsewhere in the EU EEZ.

- ◆ It is estimated that almost 2 million tonnes of fish and shellfish, worth £1.7 billion, were landed from the UK EEZ in 2018 (page 7). More than two-thirds of that total (or more than half by value) was landed by non-UK boats
  - UK boats' share of the landings from the UK EEZ declined by 16% from 2015 to 2018. EU27 boats' share also fell over this period, but by only 3%, while the share taken by all non-UK boats increased by 8% (page 7).
  - Just over 250,000 tonnes of demersal fish (cod, haddock, monks, plaice, etc.), worth more than £500 million, were landed from the UK EEZ in 2018 (page 16). About half of that total (by weight or value) was landed by non-UK boats.
  - Almost 1.4 million tonnes of pelagic fish (mackerel, herring, etc.), worth about £760 million, were landed from the UK EEZ in 2018 (page 29). More than three-quarters of that total (or two-thirds by value) were landed by non-UK boats.
  - Just over 150,000 tonnes of shellfish (crabs, scallops, etc.), worth almost £390 million, were landed from the UK EEZ in 2018 (page 38). Most of that total (>80%) was landed by UK boats.
  - About 180,000 tonnes of industrial fish (sandeels, pout, etc.), worth about £38 million, were landed from the UK EEZ in 2018 (page 46). Almost all of that (98%) was landed by non-UK boats.
- ◆ The total quantity of fish and shellfish landed from the UK EEZ by UK fishing boats increased by about 17% over the eight years from 2011 to 2018 while landings by EU27 boats increased by over 60% over the same period (page 55). UK boats' landings of pelagic fish from the UK EEZ increased by about 40% from 2011 to 2018 while landings by EU27 boats increased by two-and-a-half times (159%).
- ◆ UK fishing boats landed a total of about 700,000 tonnes of fish and shellfish, worth about £1 billion, in 2018 (page 60). Most of that total (80%) was caught in the UK EEZ; 15% (9% by value) was landed from elsewhere in the EU EEZ.

- Pelagic fish accounted for just over half of the landings by UK boats in 2018, demersal fish about one-quarter and shellfish slightly less (page 63). By value the landings were roughly equally split between the three species groups.
- Pelagic fish accounted for almost three-quarters of UK boats' landings from elsewhere in the EU27 EEZ, with the balance roughly equally split between demersal fish and shellfish. By value, demersal fish accounted for almost half of UK boats' landings from the EU27 EEZ, and shellfish for about one-third.
- Most of UK boats' landings from the EU27 EEZ were from the EEZ of Ireland, followed by that of France (page 68), although some individual demersal species were caught mainly in the EEZs of Denmark, Germany and the Netherlands. Some individual pelagic species as well as a large proportion of the shellfish were caught mainly in the EEZ of France.
- ◆ Overall, EU27 fishing boats landed more than eight times more fish and shellfish from the UK EEZ in 2018 (860,000 tonnes) than UK boats landed from the EU27 EEZ (100,000 tonnes) (page 113). By value, EU27 boats' landings were more than six times greater.

More detailed breakdowns of these results for species groups and for individual species are included in this report.

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# Introduction

This analysis has been carried out using newly available data to provide up to date estimates of:

- ◆ The quantity of fish landed from the UK Exclusive Economic Zone (UK EEZ) by UK and other European Union (EU27) fishing boats.
- ◆ The quantity of fish landed by UK fishing boats from other areas of the EU EEZ.
- ◆ The balance between UK boats' catches in the EU EEZ and EU boats' catches in the UK EEZ.

This report follows previous reports which reported similar analyses of older data<sup>1</sup>.

## The UK Exclusive Economic Zone (EEZ)

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.

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 United Kingdom's Exclusive Economic Zone (Figure 1) covers an area of some 766,309 km<sup>2</sup> (compared to a land area of some 242,500 km<sup>2</sup>) and is largely bounded by median lines between the UK and other countries: Faroe, Norway and the rest of the European Union (Denmark, Germany, Holland, Belgium, France and Ireland). Only to the west of Scotland and in a small arc to the south-west of England does the UK EEZ extend to the full 200 nautical miles.

Under the European Common Fisheries Policy (CFP) the United Kingdom ceded control of fisheries within the UK EEZ to the European Union. Having left the EU the UK, as an independent 'coastal state' has regained the right to manage the exploitation of fish and shellfish within its EEZ.

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<sup>1</sup> See: <https://www.nafc.uhi.ac.uk/eez-reports>.

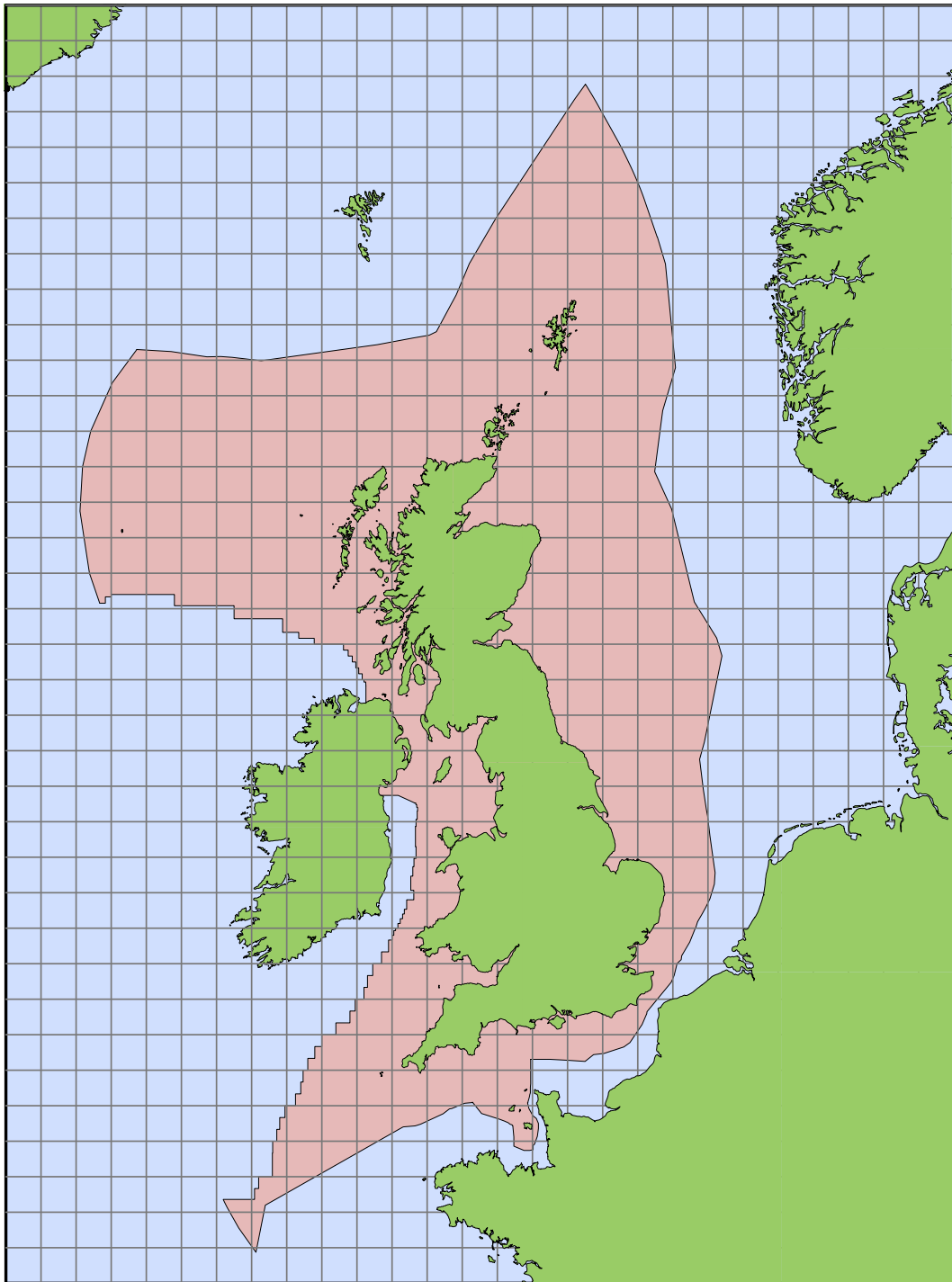


Figure 1 The United Kingdom Exclusive Economic Zone (EEZ), overlain by ICES statistical rectangles. (As defined in The Exclusive Economic Zone Order 2013, SI 2013-3161.)

# Data and Analyses

## Data

### STECF Data

These data<sup>1</sup> gave the total weight (live weight) and value (Euros) of the fish and shellfish landed by all European Union fishing boats from 2015 to 2018, broken down by various parameters, including species and ICES statistical rectangle<sup>2</sup>, but not by nationality.

The data are published by the Joint Research Centre (JRC) of the European Commission were the result of the Data Collection Framework (DCF) data call collecting Fisheries Dependent Information (FDI). The data provided by Member States during the data call were analysed during the Scientific, Technical and Economic Committee for Fisheries (STECF) Expert Working Group (EWG) on Fisheries Dependent Information (EWG 19-11).

Reference was also made to similar data published previously by the JRC for the years from 2011 to 2016<sup>3</sup>.

### MMO Data

These data<sup>4</sup> published by the UK Marine Management Organisation gave the total weight (live weight) and value (£ GBP) of fish and shellfish landed by UK fishing boats, broken down by various parameters, including species and ICES statistical rectangle.

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<sup>1</sup> Gibin, M. & Zanzi, A. 2020. FDI - Fisheries Dependent Information. European Commission, Joint Research Centre (JRC) [Dataset]. Available at: <http://data.europa.eu/89h/79745491-f847-450a-a26d-fd4a8e4a14f4>

<sup>2</sup> 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).

<sup>3</sup> These data are no longer available online but were downloaded previously and used in several earlier analyses. See reports available at: <https://www.nafc.uhi.ac.uk/eez-reports>.

<sup>4</sup> 2014 to 2018 UK fleet landings by ICES rectangle. Marine Management Organisation (Dataset). Available at: <https://www.gov.uk/government/statistics/uk-sea-fisheries-annual-statistics-report-2018>

## Other Data

Published total weights and weights of the principal species landed by Norwegian fishing boats from the UK EEZ were available<sup>1</sup> for the years 2015 to 2019. The values of these landings were estimated using the average values of each species from the STECF data.

No data were available on landings from the UK EEZ by Faroese fishing boats. The weights of Faroese landings were estimated from the agreed quotas and fishing opportunities for Faroese boats in the EU EEZ<sup>2</sup>. The values of these landings were estimated using the average values of each species from the STECF data.

For the purposes of this analysis it was assumed that all of the quotas allocated to Faroese fishing boats were caught in the UK EEZ. (The quotas allocated to Faroese boats are relatively small compared to landings by UK, EU27 and Norwegian boats, so the analysis is relatively insensitive to the exact proportion of the Faroese quotas assumed to be caught in the UK EEZ.)

## Analysis

The method of analysis followed the same basic methodology used in previous reports<sup>3</sup>:

The weights and values of each species landed from each ICES statistical rectangle were determined from the STECF and MMO data. As the STECF data did not break landings down by fishing boat nationality the weight and value of landings by non-UK boats was estimated by subtracting the estimated landings by UK boats (MMO data) from the landings by (all) EU boats (STECF data) for each species and ICES rectangle.

The values of landings by EU boats (STECF data) were converted from Euros to £ GBP using published average exchange rates for each year<sup>4</sup>.

ICES rectangles were classified as being inside or outside of the United Kingdom's Exclusive Economic Zones or those of other EU member states. Where a rectangle lay partly within an EEZ the proportion of the area of the rectangle within the EEZ was estimated.

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<sup>1</sup> Bjørndal, T. & Munro, G.R. 2020. *Brexit and the Consequences for Fisheries Management in the North Sea*. SNF Working Paper No. 03/20. Centre for Applied Research at NHH Bergen. Available at: <https://www.snf.no/Publications/SNF-publications.aspx?mode=detail&RowId=PubID%3d34903&ViewPID=134&PubID=34903>

<sup>2</sup> *Agreed Records of Fisheries Consultations with the Faroe Islands*. European Commission. Available at: [https://ec.europa.eu/fisheries/cfp/international/agreements/faeroe\\_islands\\_en](https://ec.europa.eu/fisheries/cfp/international/agreements/faeroe_islands_en)

<sup>3</sup> Available at: <https://www.nafc.uhi.ac.uk/eez-reports>.

<sup>4</sup> Euro British Pound Exchange Rate (EUR GBP). Macrotrends. Available at: <https://www.macrotrends.net/2553/euro-british-pound-exchange-rate-historical-chart>

The total weight and value of each species and species group landed from the UK EEZ by UK and EU27 fishing boats were estimated by summing the weights landed by each from all the statistical rectangles that fell wholly or partly within the relevant EEZ. Where only part of a rectangle lay within an EEZ the proportion of the landings from that rectangle caught within the 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 UK EEZ, and 60% outside.)

UK boats' landings from EU27 EEZs were estimated in the same way.

## Notes

- ◆ All weights of fish and shellfish in this report are 'Live Weights'. That is the estimated weights of the fish and shellfish when they were caught (alive). In some cases, the actual weight landed will be less than the live weight (if fish are gutted at sea, for example).
- ◆ 'UK Fishing Boats' are fishing boats registered in the United Kingdom, regardless of their ownership.
- ◆ Throughout this report 'EU27' refers to the EU excluding the UK. Thus, the 'EU27 EEZ' refer to the combined EEZs of all the EU member states except the UK. Similarly, EU27 fishing boats refers to all EU boats except those belonging to the UK.

# Results Verification

The results of this analysis were compared with estimates of the weights of fish and shellfish landed by UK fishing boats from the UK EEZ made independently by the UK Marine Management Organisation (Table 1). (The MMO analysis only covers landings by UK boats; it does not attempt to estimate landings from the UK EEZ by non-UK boats.)

This comparison shows a close agreement between the estimates made in this study and those made independently by the MMO. Over the four years from 2015 to 2018 the average difference between the estimates weights and values was less than 0.5%. This close agreement in the estimated landings by UK boats gives confidence to the estimates made in this analysis of landings from the UK EEZ by non-UK fishing boats.

Table 1 Comparison of the estimates of the weights and values of fish and shellfish landed by UK fishing boats from the UK EEZ from 2015 to 2018 made in this study with those made independently by the UK Marine Management Organisation<sup>1</sup>, and the percentage differences between the estimates.

Weight (000 tonnes)					
	2015	2016	2017	2018	Av.
<b>MMO</b>	556.2	574.2	580.5	558.0	567.2
<b>This Study</b>	553.4	574.1	579.5	555.1	565.5
<b>Difference</b>	-0.50%	-0.01%	-0.17%	-0.53%	-0.30%

Value (£ million)					
	2015	2016	2017	2018	Av.
<b>MMO</b>	£613.6	£779.3	£811.1	£831.4	£758.9
<b>This Study</b>	£611.2	£778.0	£808.6	£826.9	£756.2
<b>Difference</b>	-0.40%	-0.16%	-0.31%	-0.54%	-0.35%

<sup>1</sup> Pilkington, J. et al. 2019. *United Kingdom commercial sea fisheries landings by Exclusive Economic Zone of capture: 2012 – 2018*. Marine Management Organisation. Available at: <https://www.gov.uk/government/statistics/uk-commercial-sea-fisheries-landings-by-exclusive-economic-zone-of-capture-report-2018>

# Landings from the UK EEZ

## All Fish and Shellfish

It is estimated that a total of more than 1.9 million tonnes of fish and shellfish, worth about £1,700 million (£1.7 billion), were landed from the UK EEZ in 2018 (Table 2).

UK fishing boats caught less than one-third of all the fish and shellfish landed from the UK EEZ in 2018 (29%) by weight (Figure 2). Non-UK fishing boats accounted for almost three-quarters of the landings (71%) and EU27 boats almost half (44% by weight). By value, UK fishing boats accounted for just under half of the landings from the UK EEZ (48%) and EU27 boats about one-third (34%).

The quantity of fish and shellfish landed by UK fishing boats from the UK EEZ changed little from 2015 to 2018 (Figure 3, Table 2). In contrast, landings by non-UK boats increased substantially over this period, especially from 2016 to 2017.

UK boats' share of the landings of fish and shellfish from the UK EEZ fell from 37% in 2016 to 29% in 2018 (a fall in share of 16%) (Figure 4, Figure 5). Although EU27 boats' share also fell slightly over this period, by 3%, the share taken by all non-UK boats increased by 8%.

### UK EEZ - All Fish and Shellfish

Table 2 The estimated weights (top) and values (bottom) of all fish and shellfish landed from the UK EEZ annually from 2015 to 2018 broken down by fleet.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK	553	34%	574	37%	579	31%	555	29%
EU27	739	45%	696	45%	940	50%	863	44%
Norway	248	15%	213	14%	297	16%	461	24%
Faroe	84	5%	75	5%	79	4%	66	3%
All non-UK	1,071	66%	984	63%	1,315	69%	1,390	71%
TOTAL	1,624	100%	1,558	100%	1,895	100%	1,945	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK	£611	52%	£778	55%	£809	50%	£827	48%
EU27	£415	36%	£485	34%	£607	38%	£580	34%
Norway	£105	9%	£111	8%	£158	10%	£265	15%
Faroe	£34	3%	£38	3%	£41	3%	£38	2%
All non-UK	£554	48%	£634	45%	£807	50%	£883	52%
TOTAL	£1,165	100%	£1,412	100%	£1,615	100%	£1,710	100%



## UK EEZ - All Fish and Shellfish

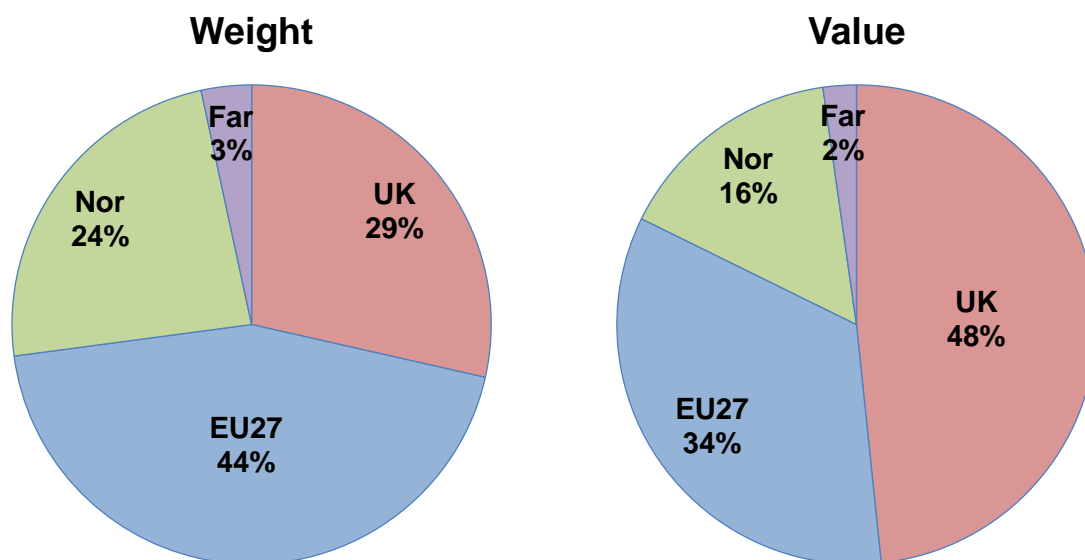


Figure 2 Breakdowns by area of capture of all the fish and shellfish landed from the UK EEZ in 2018. (% weights and values by UK, EU27, Norwegian and Faroese fishing boats; see Table 2.)

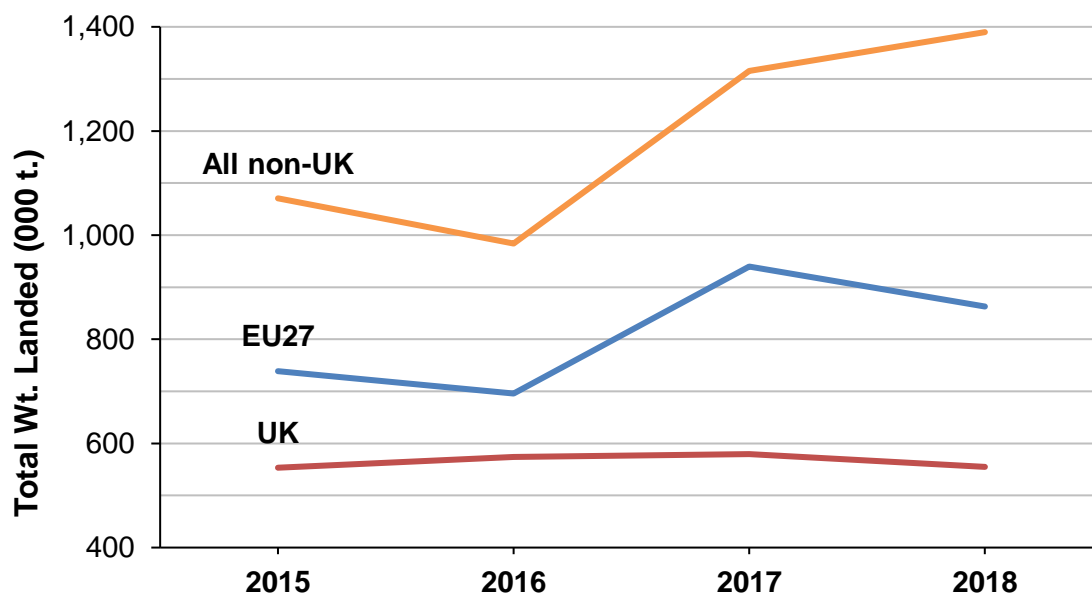


Figure 3 The estimated weights of all the fish and shellfish landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats, and by all non-UK boats. (See Table 2.)

## UK EEZ - All Fish and Shellfish

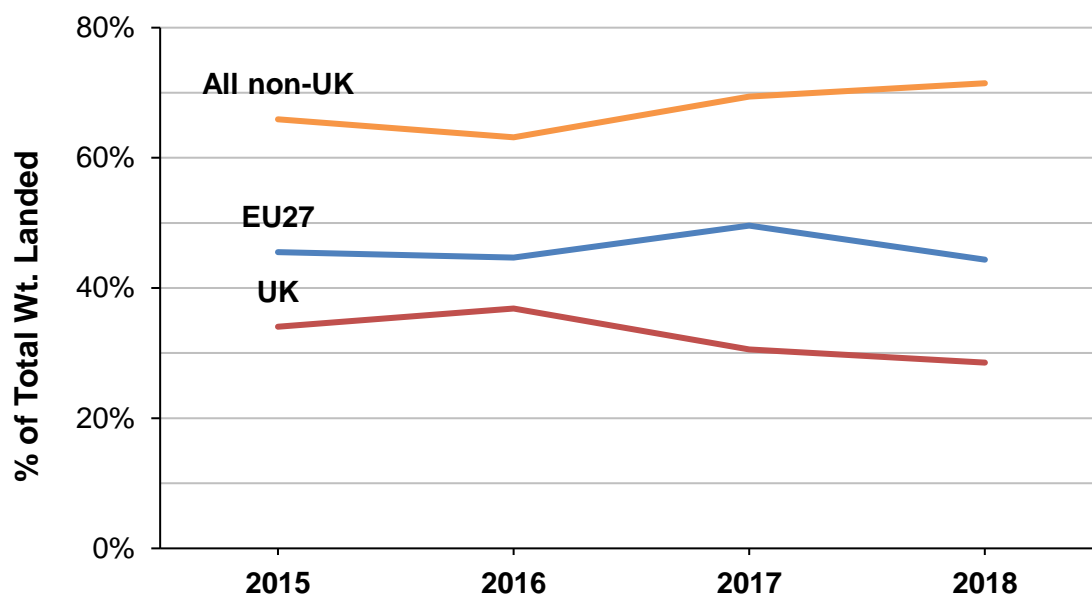


Figure 4 Trends from 2015 to 2018 in the relative shares of all the fish and shellfish landed from the UK EEZ by UK and EU27 fishing boats, and by all non-UK boats. (% of estimated total weight landed.)

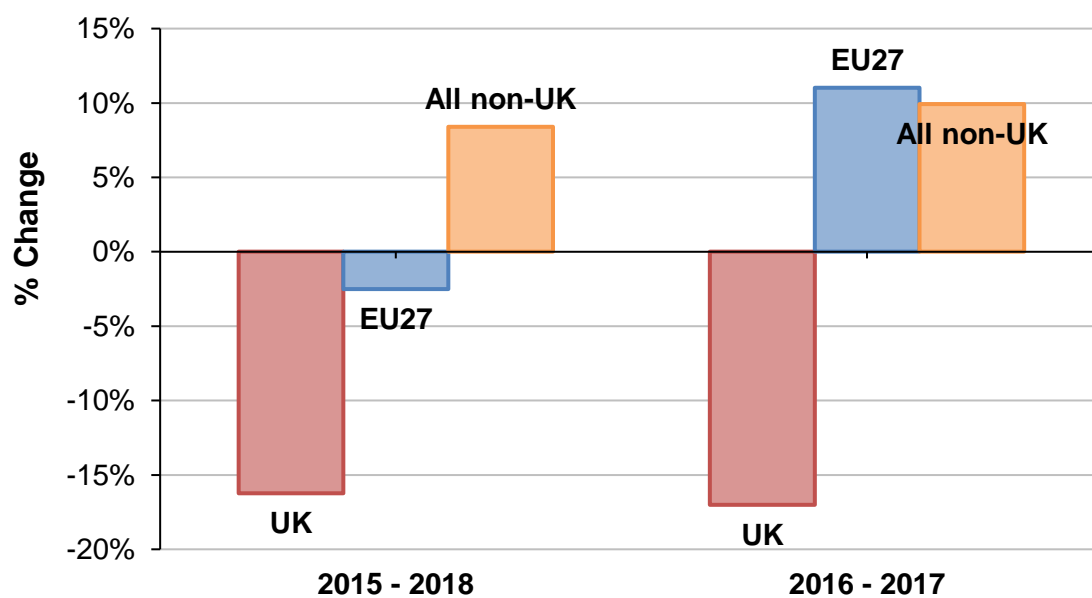


Figure 5 Percentage changes from 2015 to 2018 and from 2016 to 2017 in the relative shares of all the fish and shellfish landed from the UK EEZ by UK, EU27 and by all non-UK fishing boats. (% changes in shares of estimated total weight landed.)

### UK EEZ - All Fish and Shellfish by Species Group

Landings from the UK EEZ are dominated by pelagic fish (mackerel, herring, etc.) which accounted for almost three-quarters of the total by weight in 2018 (Figure 6, Table 3, Table 4). Demersal fish (cod, haddock, monks, plaice, etc.) accounted for about half of the remainder, with the balance split roughly equally between shellfish (crabs, scallops, etc.) and industrial fish (fish caught not for human consumption).

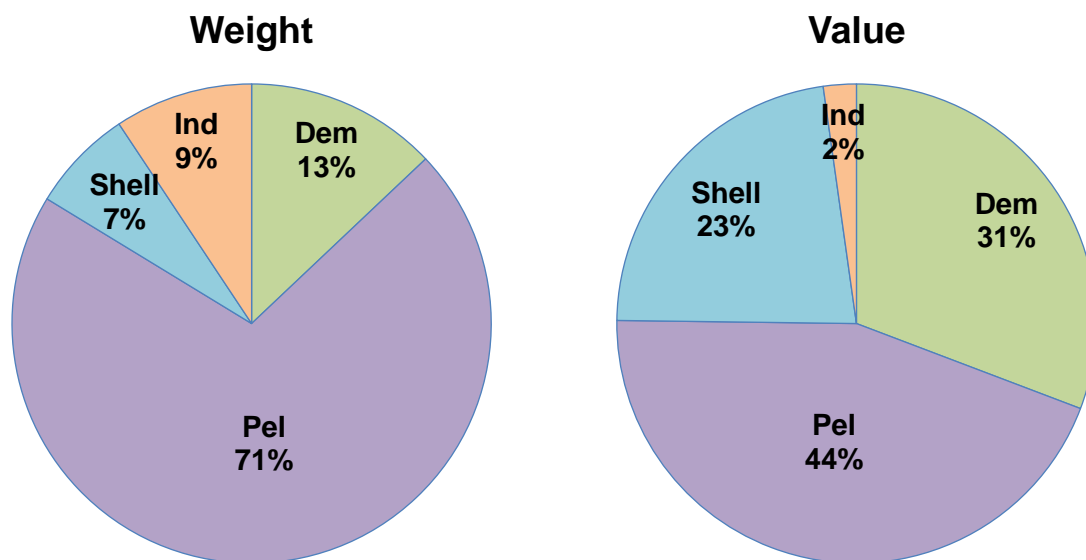
By value (Figure 6) pelagic fish still accounted for the largest proportion of the total landings but less than half, compared to about one-third for demersal species, one-quarter for shellfish and a negligible proportion for industrial species.

The breakdowns by species group were rather different for UK and non-UK boats (Figure 6, Figure 7). By weight, UK boats' landings from the UK EEZ were split roughly half pelagic and one-quarter each shellfish and demersal. By value, the split was more equal with roughly one-third for each species group (although a somewhat higher proportion for shellfish).

EU27 and non-UK boats' landings from the UK EEZ were dominated to a greater extent by pelagic fish, which accounted for about three-quarters of the total by weight, and included a substantial proportion of industrial fish but only a very small proportion of shellfish (Figure 7). By value, however, a higher proportion of the non-UK boats' landings were of demersal fish.

**UK EEZ - All Fish and Shellfish**

**UK EEZ - All Boats (2018)**



**UK EEZ - UK Boats (2018)**

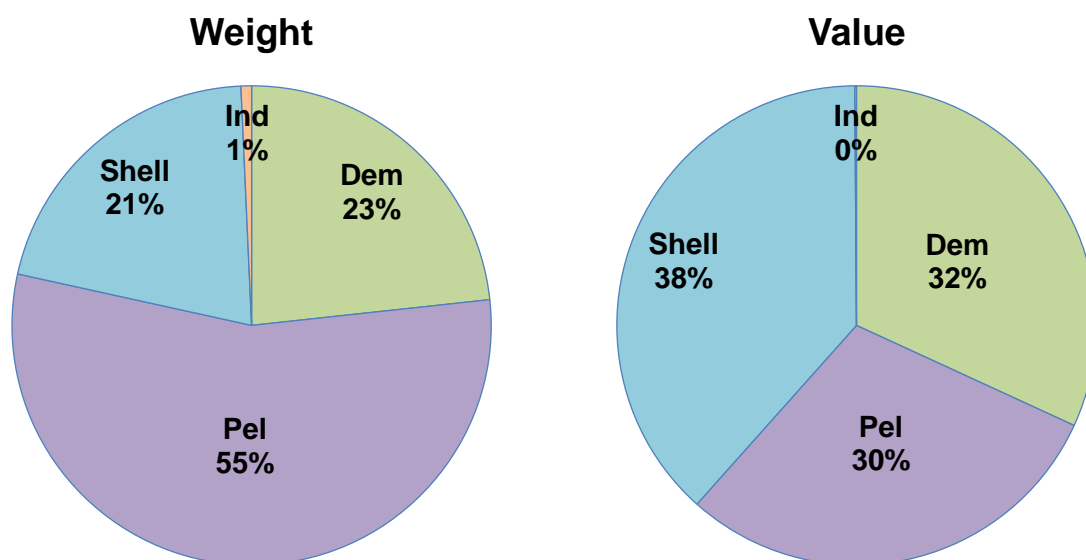
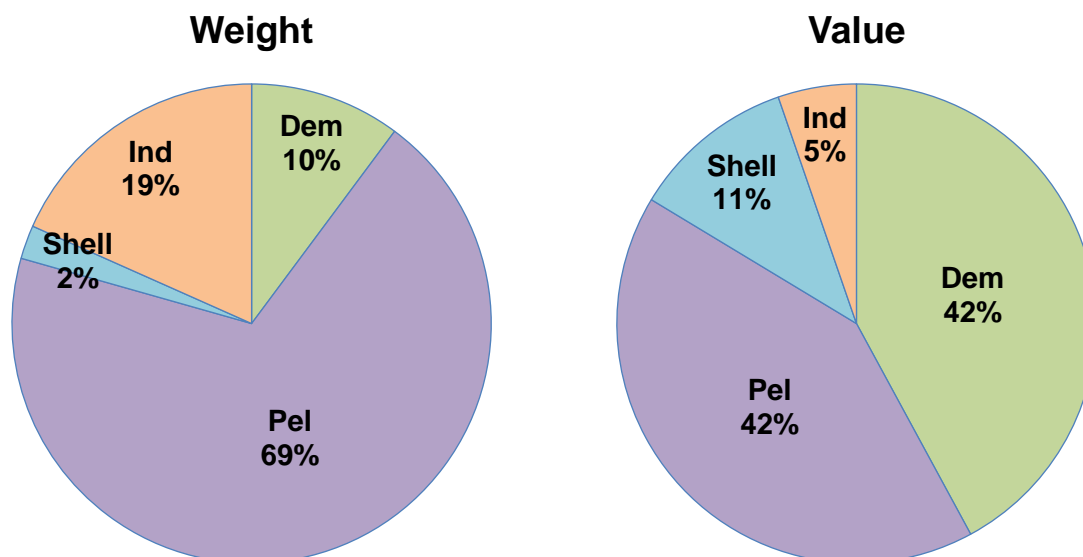


Figure 6 Breakdowns by species group of the fish and shellfish landed from the UK EEZ in 2018 by all fishing boats (top) and by UK boats (bottom). (% weights and values; see Table 3 and Table 4.)

## UK EEZ - All Fish and Shellfish

### UK EEZ - EU27 Boats (2018)



### UK EEZ - non-UK Boats (2018)

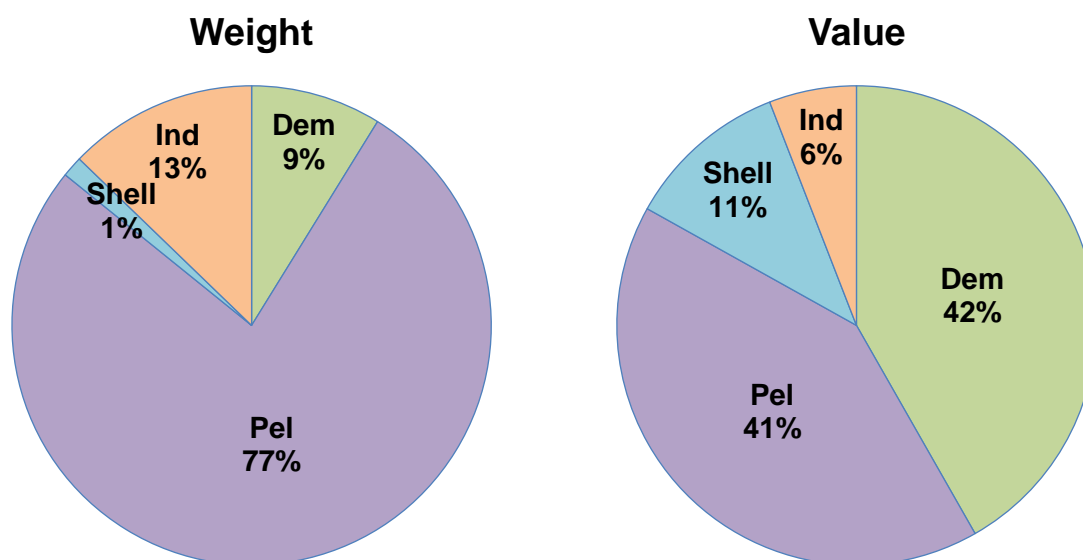


Figure 7 Breakdowns by species group of the fish and shellfish landed from the UK EEZ in 2018 by EU27 fishing boats (top) and by all non-UK boats (bottom). (% weights and values; see Table 3 and Table 4.)

### UK EEZ - All Fish and Shellfish

Table 3 The estimated weights by species group of the fish and shellfish landed from the UK EEZ annually from 2015 to 2018 by all fishing boats, and by UK, EU27, all non-UK boats.

Weight (000 tonnes)								
All Boats	2015		2016		2017		2018	
Demersal	245	15%	253	16%	273	14%	252	13%
Pelagic	1,015	62%	1,056	68%	1,179	62%	1,376	71%
Shellfish	157	10%	160	10%	153	8%	135	7%
Industrial	207	13%	89	6%	290	15%	181	9%
TOTAL	1,624	100%	1,558	100%	1,895	100%	1,945	100%
UK Boats								
Demersal	109	20%	117	20%	119	20%	129	23%
Pelagic	301	54%	314	55%	323	56%	306	55%
Shellfish	137	25%	138	24%	131	23%	116	21%
Industrial	6	1%	6	1%	6	1%	4	1%
TOTAL	553	100%	574	100%	579	100%	555	100%
EU27 Boats								
Demersal	97	13%	100	14%	98	10%	88	10%
Pelagic	443	60%	517	74%	553	59%	597	69%
Shellfish	21	3%	22	3%	22	2%	20	2%
Industrial	178	24%	57	8%	266	28%	158	18%
TOTAL	739	100%	696	100%	940	100%	863	100%
All non-UK Boats								
Demersal	136	13%	136	14%	154	12%	122	9%
Pelagic	713	67%	742	75%	856	65%	1,070	77%
Shellfish	21	2%	22	2%	22	2%	20	1%
Industrial	200	19%	83	8%	284	22%	178	13%
TOTAL	1,071	100%	984	100%	1,315	100%	1,390	100%

## UK EEZ - All Fish and Shellfish

Table 4 The estimated values by species group of the fish and shellfish landed from the UK EEZ annually from 2015 to 2018 by all fishing boats, and by UK, EU27, all non-UK boats.

		Value (£ million)							
All Boats	2015		2016		2017		2018		
Demersal	£414	36%	£474	34%	£540	33%	£529	31%	
Pelagic	£417	36%	£568	40%	£621	38%	£760	44%	
Shellfish	£301	26%	£352	25%	£415	26%	£386	23%	
Industrial	£34	3%	£21	2%	£42	3%	£38	2%	
<b>TOTAL</b>	<b>£1,165</b>	<b>100%</b>	<b>£1,412</b>	<b>100%</b>	<b>£1,615</b>	<b>100%</b>	<b>£1,710</b>	<b>100%</b>	
<b>UK Boats</b>									
Demersal	£193	32%	£229	29%	£241	30%	£263	32%	
Pelagic	£159	26%	£238	31%	£236	29%	£246	30%	
Shellfish	£257	42%	£310	40%	£330	41%	£317	38%	
Industrial	£1	0%	£1	0%	£1	0%	£1	0%	
<b>TOTAL</b>	<b>£611</b>	<b>100%</b>	<b>£778</b>	<b>100%</b>	<b>£809</b>	<b>100%</b>	<b>£827</b>	<b>100%</b>	
<b>EU27 Boats</b>									
Demersal	£173	42%	£229	47%	£241	40%	£263	45%	
Pelagic	£168	41%	£235	48%	£258	43%	£260	45%	
Shellfish	£44	11%	£42	9%	£85	14%	£69	12%	
Industrial	£29	7%	£14	3%	£38	6%	£33	6%	
<b>TOTAL</b>	<b>£415</b>	<b>100%</b>	<b>£485</b>	<b>100%</b>	<b>£607</b>	<b>100%</b>	<b>£580</b>	<b>100%</b>	
<b>All non-UK Boats</b>									
Demersal	£221	40%	£245	39%	£299	37%	£266	30%	
Pelagic	£257	46%	£235	37%	£258	32%	£260	29%	
Shellfish	£44	8%	£42	7%	£85	11%	£69	8%	
Industrial	£33	6%	£20	3%	£40	5%	£37	4%	
<b>TOTAL</b>	<b>£554</b>	<b>100%</b>	<b>£634</b>	<b>100%</b>	<b>£807</b>	<b>100%</b>	<b>£883</b>	<b>100%</b>	

## UK EEZ - Demersal Fish

*‘Demersal’ fish (also known as ‘whitefish’) are predominantly bottom-living species which include cod, haddock, monks, plaice, sole and other similar species.*

It is estimated that a total of just over 250,000 tonnes of demersal fish, worth more than £500 million, were landed from the UK EEZ in 2018 (Table 5).

UK fishing boats caught about half of the demersal fish landed from the UK EEZ in 2018, by both weight and value (Figure 8). EU27 boats accounted for more than one-third of the landings, and Norwegian boats most of the balance.

The UK’s share of the demersal fish landings from the UK EEZ increased by 16% from 2015 to 2018, while the shares taken by EU27 and other non-UK boats each fell 12% (Figure 9, Figure 10).

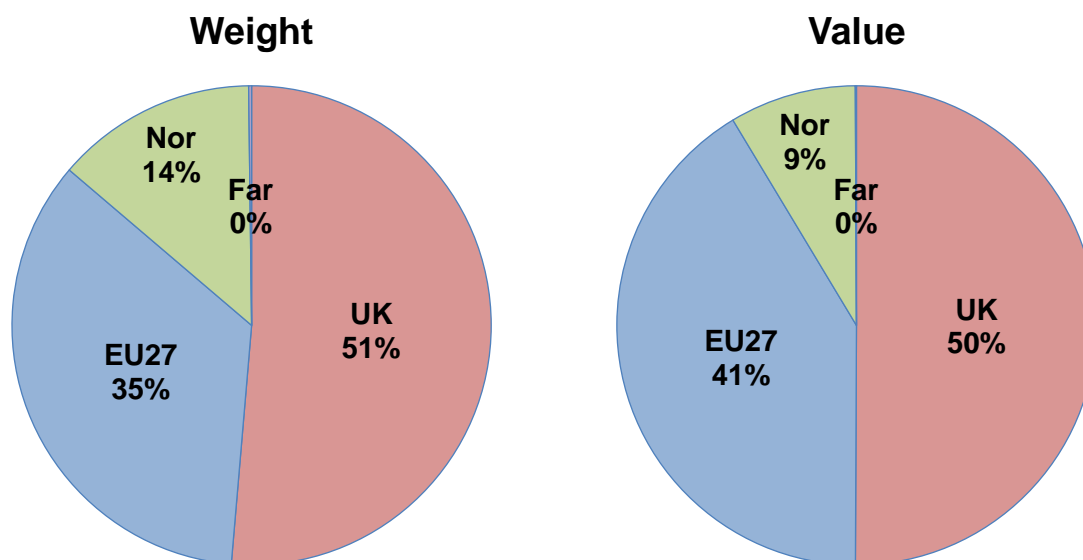


Figure 8 Breakdowns by fleet of the demersal fish landed from the UK EEZ in 2018. (% weights and values landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 5.)



## UK EEZ - Demersal Fish

Table 5 The estimated weights (top) and values (bottom) of demersal fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK	109	44%	117	46%	119	44%	129	51%
EU27	97	40%	100	40%	98	36%	88	35%
Norway	38	16%	35	14%	55	20%	34	14%
Faroe	0.6	0%	0.6	0%	0.6	0%	0.5	0%
All non-UK	136	56%	136	54%	154	56%	122	49%
TOTAL	245	100%	253	100%	273	100%	252	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK	£193	47%	£229	49%	£241	45%	£263	50%
EU27	£173	42%	£194	41%	£226	42%	£217	41%
Norway	£45	11%	£48	10%	£70	13%	£45	9%
Faroe	£0.4	0%	£0.4	0%	£0.5	0%	£0.4	0%
All non-UK	£219	53%	£242	51%	£297	55%	£263	50%
TOTAL	£413	100%	£471	100%	£537	100%	£526	100%

## UK EEZ - Demersal Fish

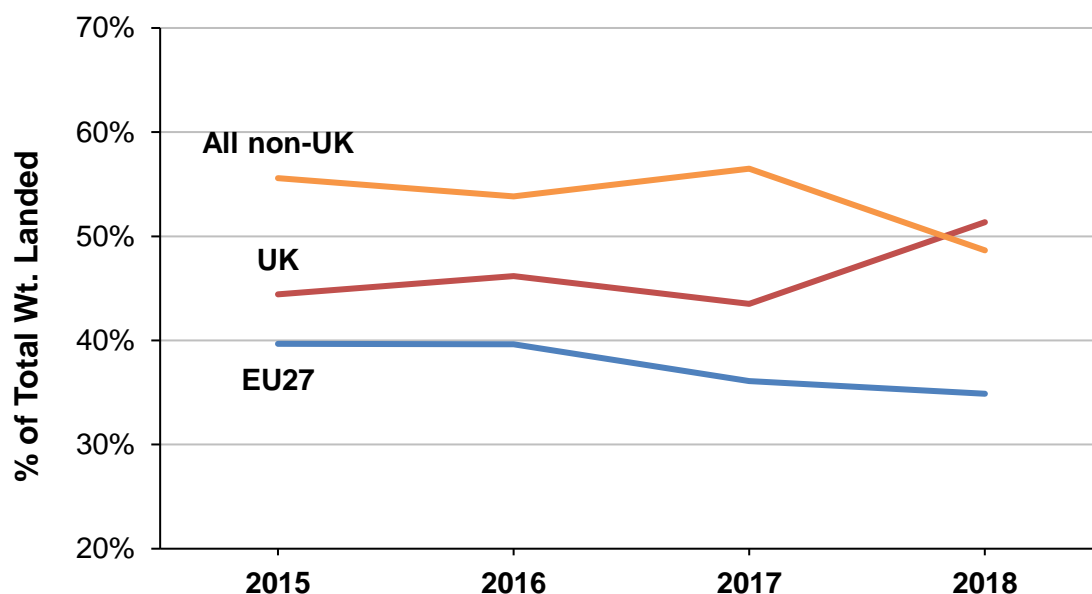


Figure 9 Trends from 2015 to 2018 in the relative shares of the demersal fish landed from the UK EEZ by UK and EU27 fishing boats and by all non-UK boats. (% of estimated total weight landed.)

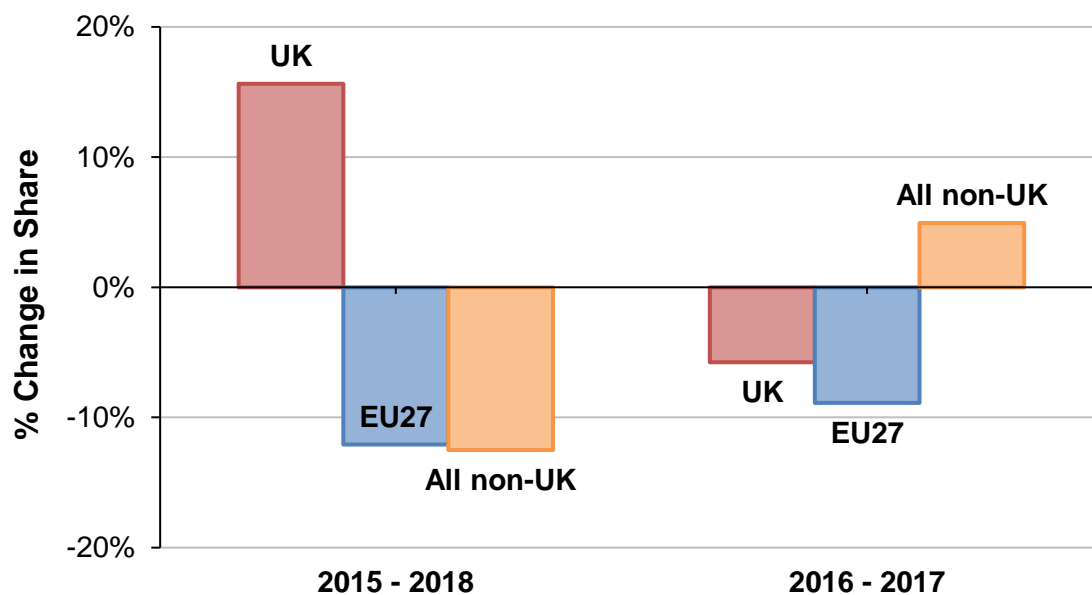


Figure 10 Percentage changes from 2015 to 2018 and from 2016 to 2017 in the shares of the demersal fish landed from the UK EEZ by UK, EU27 and by all non-UK fishing boats. (% changes in shares of estimated total weight landed.)

### UK EEZ - Demersal Fish by Species

The principal species of demersal fish landed from the UK EEZ included cod, Dover sole, haddock, hake, monks, plaice, saithe and whiting, but their relative importance varied substantially by weight and by value and between UK and EU27 fishing boats (Figure 11, Table 6, Table 7).

Landings of demersal species from the UK EEZ by UK boats in 2018 were dominated by cod, haddock and monks, which together accounted for about half of the total, by weight and by value (Figure 11). Haddock was the principal species landed by weight and monks by value. Cod, hake, saithe, plaice and whiting also accounted for significant proportions of the total weight of landings and Dover sole contributed to their value.

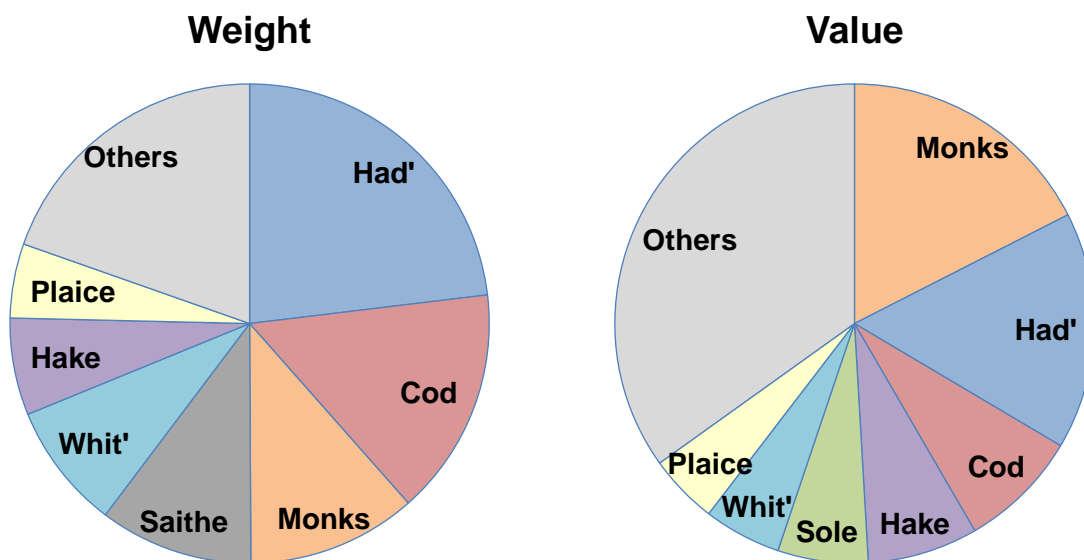
EU27 boats' landings of demersal species from the UK EEZ tended to be more diverse. The principal species landed in 2018 were saithe by weight and Dover sole by value (Figure 11). Hake., monks and plaice were also important.

For individual demersal species there was considerable variability in the relative shares landed by UK and non-UK boats (Figure 12). UK boats caught most of the monks, haddock and cod landed from the UK EEZ in 2018 but most of the Dover sole and saithe were caught by non-UK boats. Other species, such as hake, plaice and whiting were more evenly divided. However, non-UK boats caught more than half of five of the top eight demersal species landed from the UK EEZ in 2018.

Detailed breakdowns of the weights and values of the principal demersal species landed from the UK EEZ by UK, EU27 and other non-UK boats are provided in Table 8 and Table 9.

**UK EEZ - Demersal Fish – By Species**

**UK EEZ - UK Boats (2018)**



**UK EEZ - EU27 Boats (2018)**

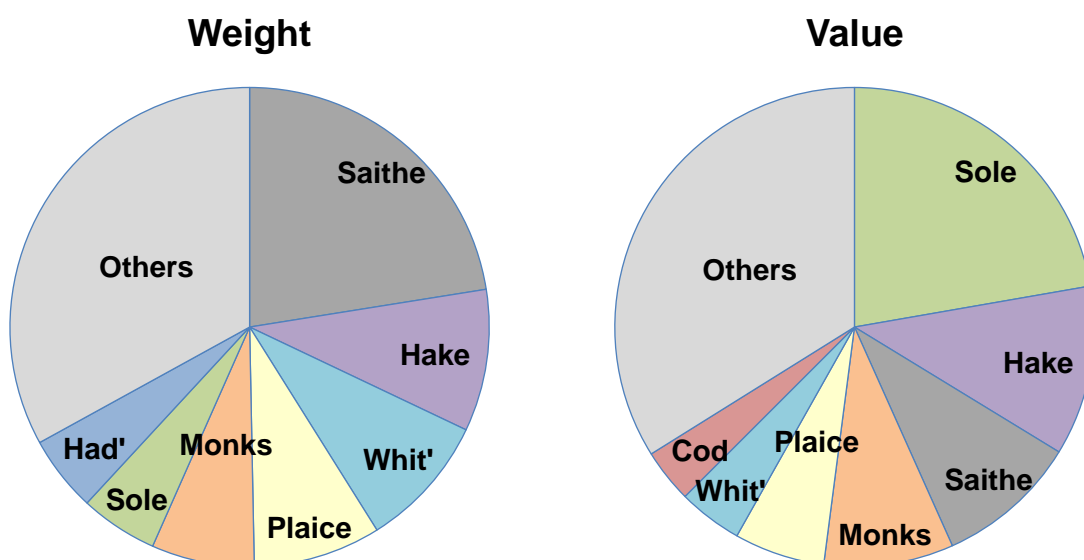


Figure 11 Breakdowns by species of the principal demersal fish landed from the UK EEZ in 2018 by UK fishing boats (top) and by EU27 fishing boats (bottom). (% weights and values; see Table 6 and Table 7.)

## UK EEZ - Demersal Fish – By Species

Table 6 The estimated weights of the principal demersal fish species landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats.

Demersal		Weight (000 tonnes)							
UK Boats		2015		2016		2017		2018	
Haddock		25.4	23%	25.8	22%	27.0	23%	29.8	23%
Cod		12.5	11%	14.3	12%	15.6	13%	19.9	15%
Monks		13.8	13%	15.2	13%	15.5	13%	14.8	11%
Saithe		10.3	9%	9.7	8%	9.6	8%	13.4	10%
Whiting		10.1	9%	9.6	8%	9.3	8%	11.0	9%
Hake		6.9	6%	9.1	8%	10.0	8%	8.5	7%
Plaice		7.3	7%	8.4	7%	8.3	7%	6.5	5%
Ling		3.9	4%	4.7	4%	5.1	4%	5.3	4%
Megrim		2.7	2%	3.0	3%	2.8	2%	3.3	3%
Lemon Sole		1.8	2%	2.0	2%	1.6	1%	1.4	1%
Others		14.1	13%	14.9	13%	14.0	12%	15.3	12%
<b>TOTAL</b>		<b>108.8</b>	<b>100%</b>	<b>116.6</b>	<b>100%</b>	<b>118.7</b>	<b>100%</b>	<b>129.2</b>	<b>100%</b>

EU27 Boats		2015		2016		2017		2018	
Saithe		15.9	16%	15.4	15%	16.9	17%	19.7	22%
Hake		10.7	11%	13.9	14%	13.9	14%	8.4	10%
Whiting		9.8	10%	10.6	11%	9.9	10%	7.9	9%
Plaice		11.6	12%	9.7	10%	8.5	9%	7.6	9%
Monks		6.6	7%	7.7	8%	7.9	8%	6.1	7%
Sole (Dover)		4.8	5%	4.5	4%	4.5	5%	4.6	5%
Haddock		4.4	5%	4.4	4%	5.0	5%	4.5	5%
Cod		3.6	4%	3.5	3%	3.3	3%	2.8	3%
Ling		2.3	2%	3.0	3%	3.1	3%	2.2	3%
Dogfish (spot')		1.9	2%	2.3	2%	2.1	2%	1.9	2%
Others		25.5	26%	25.1	25%	23.4	24%	22.0	25%
<b>TOTAL</b>		<b>97.2</b>	<b>100%</b>	<b>100.1</b>	<b>100%</b>	<b>98.5</b>	<b>100%</b>	<b>87.8</b>	<b>100%</b>

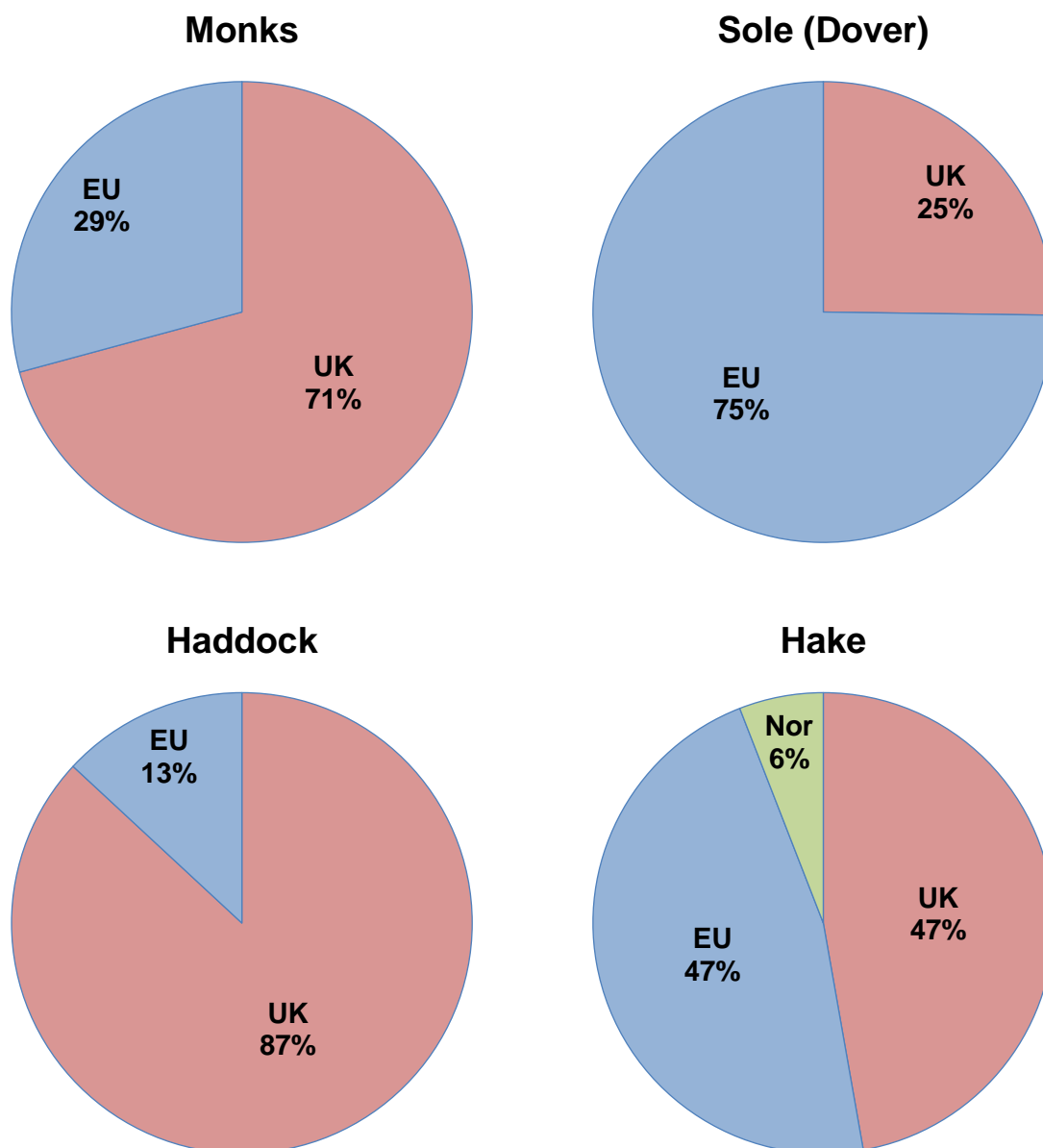
### UK EEZ - Demersal Fish – By Species

Table 7 The estimated values of the principal demersal fish species landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats.

Demersal			Value £ million)						
UK Boats		2015		2016		2017		2018	
Monks	£33.2	17%	£43.0	19%	£44.8	19%	£46.1	18%	
Haddock	£34.1	18%	£33.0	14%	£39.3	16%	£42.2	16%	
Cod	£24.0	12%	£39.4	17%	£44.3	18%	£44.2	17%	
Hake	£17.7	9%	£23.0	10%	£22.4	9%	£19.6	7%	
Sole (Dover)	£11.5	6%	£14.4	6%	£14.2	6%	£16.1	6%	
Whiting	£10.2	5%	£10.0	4%	£11.4	5%	£13.8	5%	
Plaice	£8.5	4%	£10.5	5%	£11.2	5%	£12.4	5%	
Saithe	£9.2	5%	£10.0	4%	£9.4	4%	£10.8	4%	
Megrim	£6.5	3%	£8.2	4%	£7.9	3%	£9.3	4%	
Lemon Sole	£7.2	4%	£8.1	4%	£7.2	3%	£6.7	3%	
Others	£31.4	16%	£29.2	13%	£28.4	12%	£42.2	16%	
TOTAL	£193.5	100%	£228.6	100%	£240.6	100%	£263.4	100%	

EU27 Boats		2015		2016		2017		2018	
Sole (Dover)	£35.1	20%	£39.9	21%	£40.7	18%	£48.4	22%	
Hake	£14.7	8%	£20.1	10%	£27.5	12%	£24.9	11%	
Monks	£17.8	10%	£21.1	11%	£26.3	12%	£20.8	10%	
Saithe	£16.8	10%	£18.6	10%	£18.8	8%	£19.0	9%	
Plaice	£11.2	6%	£11.4	6%	£12.4	5%	£13.3	6%	
Whiting	£9.1	5%	£11.1	6%	£11.9	5%	£9.4	4%	
Cod	£7.1	4%	£7.5	4%	£10.6	5%	£7.9	4%	
Haddock	£5.4	3%	£5.4	3%	£9.8	4%	£7.8	4%	
Turbot	£5.9	3%	£6.0	3%	£7.4	3%	£8.6	4%	
John Dory	£4.6	3%	£5.2	3%	£6.2	3%	£6.2	3%	
Others	£45.6	26%	£47.7	25%	£54.2	24%	£51.0	23%	
TOTAL	£173.3	100%	£194.0	100%	£226.0	100%	£217.3	100%	

## UK EEZ - Demersal Fish – By Species



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Figure 12 Breakdowns by fleet of the principal demersal fish species landed from the UK EEZ in 2018. (% weights landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 8 and Table 9.)

**UK EEZ - Demersal Fish – By Species**

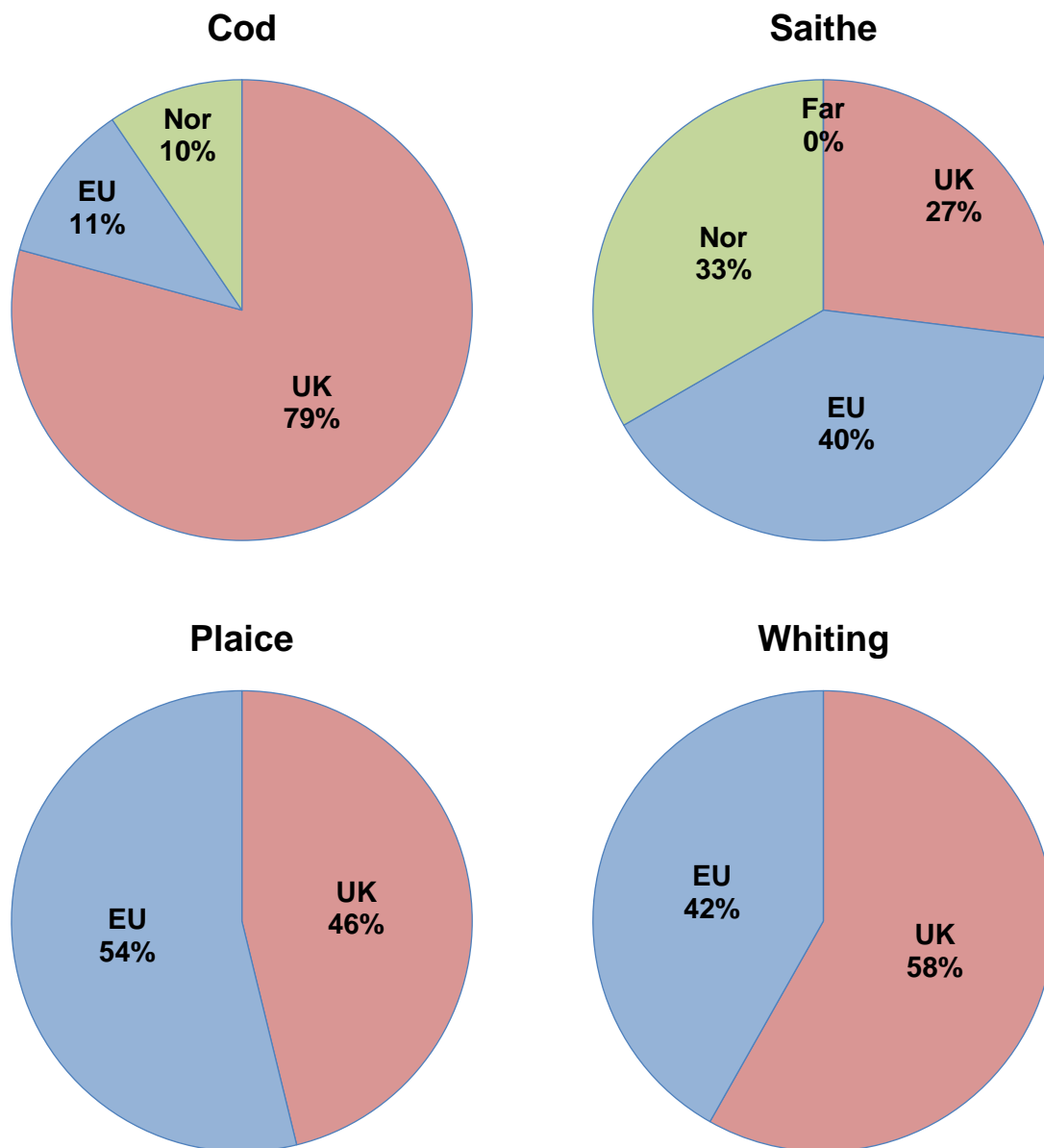


Figure 12 (cont.) Breakdowns by fleet of the principal demersal fish species landed from the UK EEZ in 2018. (% weights landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 8 and Table 9.)



## UK EEZ - Demersal Fish – By Species

Table 8 The estimated weights of the principal demersal fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)								
Monks	2015		2016		2017		2018	
UK	13.8	68%	15.2	66%	15.5	66%	14.8	71%
EU27	6.6	32%	7.7	34%	7.9	34%	6.1	29%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0	0%
All non-UK	6.6	32%	7.7	34%	7.9	34%	6.1	29%
TOTAL	20.4	100%	22.9	100%	23.4	100%	20.9	100%
Dover Sole								
UK	1.5	24%	1.6	26%	1.5	25%	1.6	25%
EU27	4.8	76%	4.5	74%	4.5	75%	4.6	75%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0	0%
All non-UK	4.8	76%	4.5	74%	4.5	75%	4.6	75%
TOTAL	6.3	100%	6.1	100%	6.0	100%	6.2	100%
Haddock								
UK	25.4	85%	25.8	85%	27.0	84%	29.8	87%
EU27	4.4	15%	4.4	15%	5.0	16%	4.5	13%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0	0%
All non-UK	4.4	15%	4.4	15%	5.0	16%	4.5	13%
TOTAL	29.8	100%	30.2	100%	32.0	100%	34.3	100%
Hake								
UK	6.9	35%	9.1	35%	10.0	38%	8.5	47%
EU27	10.7	54%	13.9	54%	13.9	53%	8.4	47%
Norway	2.2	11%	2.8	11%	2.3	9%	1.1	6%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0	0%
All non-UK	13.0	65%	16.7	65%	16.2	62%	9.5	53%
TOTAL	19.9	100%	25.8	100%	26.1	100%	17.9	100%

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### UK EEZ - Demersal Fish – By Species

Table 8 (cont.) The estimated weights of the principal demersal fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)							
Cod	2015		2016		2017		2018
UK	12.5	66%	14.3	68%	15.6	71%	19.9 79%
EU27	3.6	19%	3.5	17%	3.3	15%	2.8 11%
Norway	2.9	15%	3.2	15%	3.0	14%	2.4 10%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0 0%
All non-UK	6.5	34%	6.7	32%	6.3	29%	5.2 21%
<b>TOTAL</b>	<b>18.9</b>	<b>100%</b>	<b>21.0</b>	<b>100%</b>	<b>21.9</b>	<b>100%</b>	<b>25.1 100%</b>
<b>Saithe</b>							
UK	10.3	23%	9.7	24%	9.6	16%	13.4 27%
EU27	15.9	35%	15.4	39%	16.9	29%	19.7 40%
Norway	18.9	42%	14.7	37%	32.3	55%	16.6 33%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0 0%
All non-UK	34.8	77%	30.1	76%	49.1	84%	36.3 73%
<b>TOTAL</b>	<b>45.2</b>	<b>100%</b>	<b>39.8</b>	<b>100%</b>	<b>58.7</b>	<b>100%</b>	<b>49.7 100%</b>
<b>Plaice</b>							
UK	7.3	39%	8.4	46%	8.3	50%	6.5 46%
EU27	11.6	61%	9.7	54%	8.5	50%	7.6 54%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0 0%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0 0%
All non-UK	11.6	61%	9.7	54%	8.5	50%	7.6 54%
<b>TOTAL</b>	<b>18.9</b>	<b>100%</b>	<b>18.1</b>	<b>100%</b>	<b>16.8</b>	<b>100%</b>	<b>14.0 100%</b>
<b>Whiting</b>							
UK	10.1	51%	9.6	47%	9.3	48%	11.0 58%
EU27	9.8	49%	10.6	53%	9.9	52%	7.9 42%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0 0%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0 0%
All non-UK	9.8	49%	10.6	53%	9.9	52%	7.9 42%
<b>TOTAL</b>	<b>19.9</b>	<b>100%</b>	<b>20.2</b>	<b>100%</b>	<b>19.2</b>	<b>100%</b>	<b>19.0 100%</b>

## UK EEZ - Demersal Fish – By Species

Table 9 The estimated values of the principal demersal fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

		Value (£ million)							
Monks		2015		2016		2017		2018	
UK		£33.2	65%	£43.0	67%	£44.8	63%	£46.1	69%
EU27		£17.8	35%	£21.1	33%	£26.3	37%	£20.8	31%
Norway		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Faroe		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
All non-UK		£17.8	35%	£21.1	33%	£26.3	37%	£20.8	31%
<b>TOTAL</b>		<b>£51.0</b>	<b>100%</b>	<b>£64.1</b>	<b>100%</b>	<b>£71.1</b>	<b>100%</b>	<b>£66.9</b>	<b>100%</b>
<b>Dover Sole</b>									
UK		£11.5	25%	£14.4	26%	£14.2	26%	£16.1	25%
EU27		£35.1	75%	£39.9	74%	£40.7	74%	£48.4	75%
Norway		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Faroe		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
All non-UK		£35.1	75%	£39.9	74%	£40.7	74%	£48.4	75%
<b>TOTAL</b>		<b>£46.6</b>	<b>100%</b>	<b>£54.3</b>	<b>100%</b>	<b>£54.9</b>	<b>100%</b>	<b>£64.4</b>	<b>100%</b>
<b>Haddock</b>									
UK		£34.1	86%	£33.0	86%	£39.3	80%	£42.2	84%
EU27		£5.4	14%	£5.4	14%	£9.8	20%	£7.8	16%
Norway		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Faroe		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
All non-UK		£5.4	14%	£5.4	14%	£9.8	20%	£7.8	16%
<b>TOTAL</b>		<b>£39.4</b>	<b>100%</b>	<b>£38.3</b>	<b>100%</b>	<b>£49.2</b>	<b>100%</b>	<b>£50.0</b>	<b>100%</b>
<b>Hake</b>									
UK		£17.7	49%	£23.0	48%	£22.4	41%	£19.6	41%
EU27		£14.7	40%	£20.1	42%	£27.5	50%	£24.9	53%
Norway		£4.1	11%	£5.2	11%	£4.7	9%	£2.8	6%
Faroe		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
All non-UK		£18.8	51%	£25.3	52%	£32.2	59%	£27.7	59%
<b>TOTAL</b>		<b>£36.6</b>	<b>100%</b>	<b>£48.3</b>	<b>100%</b>	<b>£54.5</b>	<b>100%</b>	<b>£47.3</b>	<b>100%</b>

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### UK EEZ - Demersal Fish – By Species

Table 9 (cont.) The estimated values of the principal demersal fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

		Value (£ million)							
Cod	2015		2016		2017		2018		
UK	£24.0	65%	£29.8	68%	£35.7	67%	£46.5	77%	
EU27	£7.1	19%	£7.5	17%	£10.6	20%	£7.9	13%	
Norway	£5.5	15%	£6.8	15%	£7.3	14%	£5.7	10%	
Faroe	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
All non-UK	£12.7	35%	£14.3	32%	£18.0	33%	£13.6	23%	
<b>TOTAL</b>	<b>£36.6</b>	<b>100%</b>	<b>£44.1</b>	<b>100%</b>	<b>£53.7</b>	<b>100%</b>	<b>£60.1</b>	<b>100%</b>	
<b>Saithe</b>									
UK	£9.2	21%	£10.0	22%	£9.4	15%	£10.8	24%	
EU27	£16.8	38%	£18.6	41%	£18.8	30%	£19.0	43%	
Norway	£18.8	42%	£16.8	37%	£34.4	55%	£14.9	33%	
Faroe	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
All non-UK	£35.6	79%	£35.4	78%	£53.2	85%	£33.9	76%	
<b>TOTAL</b>	<b>£44.9</b>	<b>100%</b>	<b>£45.3</b>	<b>100%</b>	<b>£62.7</b>	<b>100%</b>	<b>£44.7</b>	<b>100%</b>	
<b>Plaice</b>									
UK	£8.5	43%	£10.5	48%	£11.2	47%	£12.4	48%	
EU27	£11.2	57%	£11.4	52%	£12.4	53%	£13.3	52%	
Norway	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
Faroe	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
All non-UK	£11.2	57%	£11.4	52%	£12.4	53%	£13.3	52%	
<b>TOTAL</b>	<b>£19.7</b>	<b>100%</b>	<b>£21.9</b>	<b>100%</b>	<b>£23.7</b>	<b>100%</b>	<b>£25.7</b>	<b>100%</b>	
<b>Whiting</b>									
UK	£10.2	53%	£10.0	47%	£11.4	49%	£13.8	59%	
EU27	£9.1	47%	£11.1	53%	£11.9	51%	£9.4	41%	
Norway	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
Faroe	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
All non-UK	£9.1	47%	£11.1	53%	£11.9	51%	£9.4	41%	
<b>TOTAL</b>	<b>£19.2</b>	<b>100%</b>	<b>£21.1</b>	<b>100%</b>	<b>£23.3</b>	<b>100%</b>	<b>£23.2</b>	<b>100%</b>	

### UK EEZ - Pelagic Fish

*'Pelagic' fish are shoaling fish that swim in mid-water or near the surface and include mackerel, herring, blue whiting and horse mackerel.*

It is estimated that a total of almost 1.4 million tonnes of pelagic fish, worth about £760 million, were landed from the UK EEZ in 2018 (Table 10).

UK fishing boats caught less than one-quarter of the pelagic fish that were landed from the UK EEZ in 2018 by weight, or almost one-third by value (Figure 13). Non-UK fishing boats accounted for more than three-quarters of the landings (by weight) and EU27 boats almost half. Non-UK fishing boats accounted for more than two-thirds of the value of the pelagic fish landed from the UK EEZ in 2018, roughly equally split between EU27 and other non-UK boats.

The UK's share of the pelagic fish landings from the UK EEZ fell substantially between 2015 and 2018, declining by 25% while EU27 boats' share fell by only 1% (Figure 14, Figure 15). The total share taken by all non-UK boats increased by 11% over the same period.

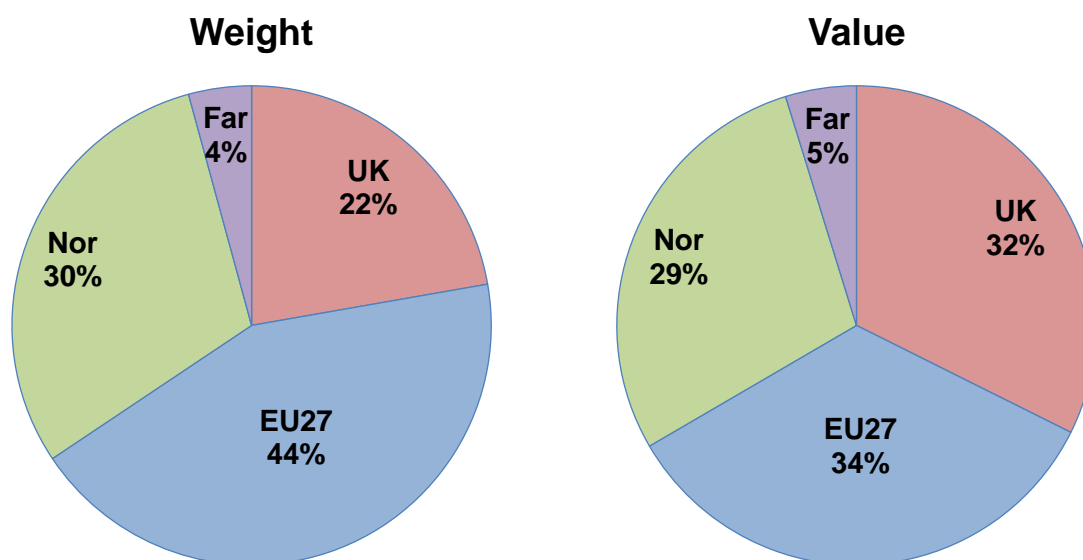


Figure 13 Breakdowns by fleet of the pelagic fish landed from the UK EEZ in 2018. (% weights and values landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 10.)

### UK EEZ - Pelagic Fish

Table 10 The estimated weights (top) and values (bottom) of pelagic fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK	301	30%	314	30%	323	27%	306	22%
EU27	443	44%	517	49%	553	47%	597	43%
Norway	193	19%	163	15%	235	20%	415	30%
Faroe	77	8%	63	6%	68	6%	58	4%
All non-UK	713	70%	742	70%	856	73%	1,070	78%
TOTAL	1,015	100%	1,056	100%	1,179	100%	1,376	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK	£159	38%	£238	42%	£236	38%	£246	32%
EU27	£168	40%	£235	41%	£258	42%	£260	34%
Norway	£57	14%	£60	11%	£87	14%	£217	29%
Faroe	£32	8%	£35	6%	£39	6%	£36	5%
All non-UK	£257	62%	£330	58%	£384	62%	£514	68%
TOTAL	£417	100%	£568	100%	£621	100%	£760	100%

## UK EEZ - Pelagic Fish

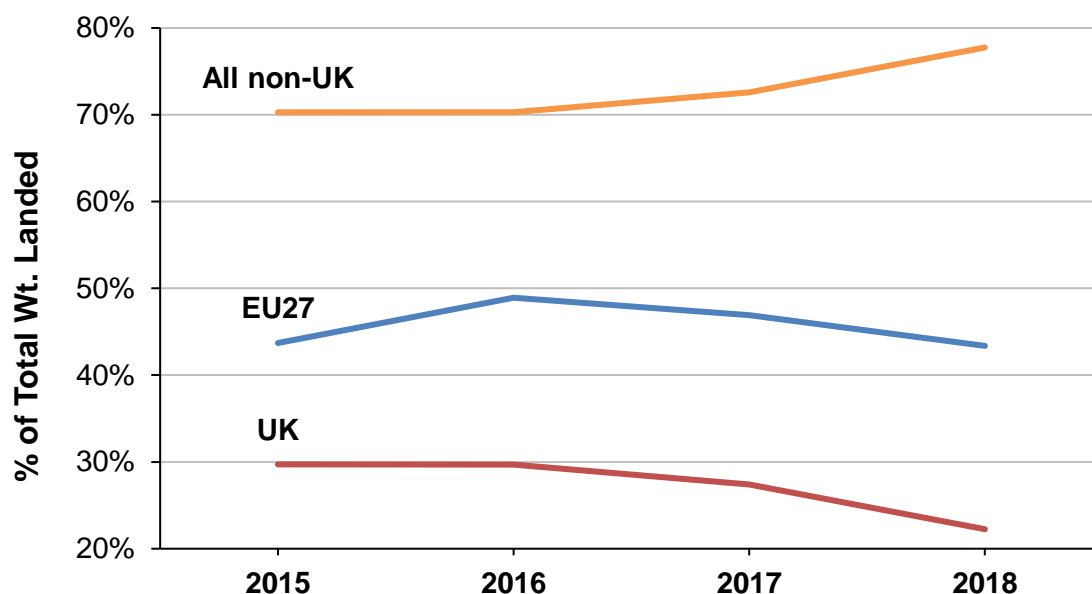


Figure 14 Trends from 2015 to 2018 in the relative shares of the pelagic fish landed from the UK EEZ by UK and EU27 fishing boats and by all non-UK boats. (% of estimated total weight landed.)

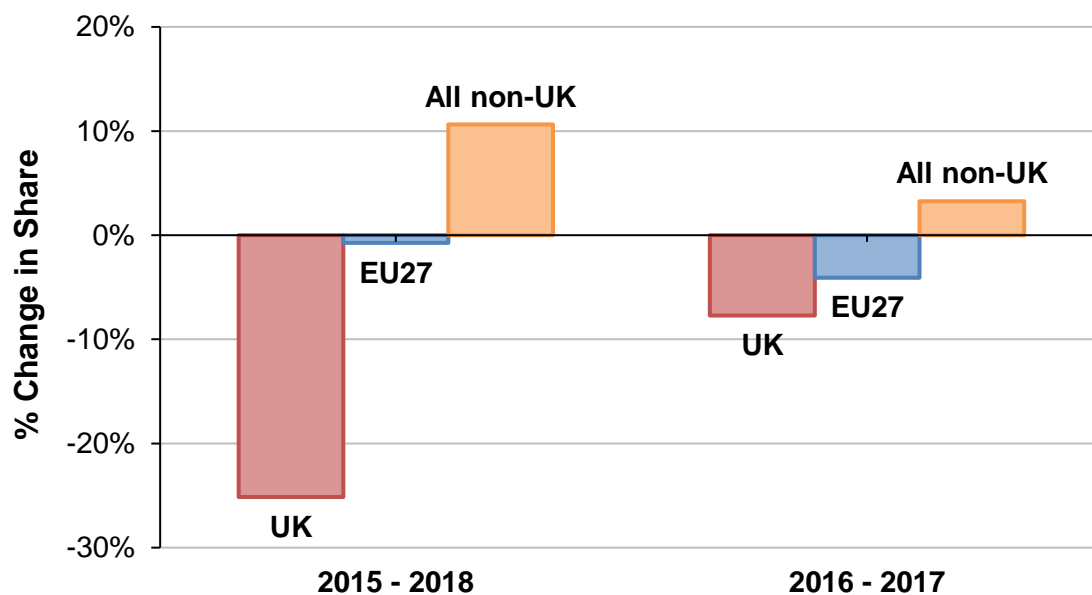


Figure 15 Percentage changes from 2015 to 2018 and from 2016 to 2017 in the shares of the pelagic fish landed from the UK EEZ by UK, EU27 and all non-UK fishing boats. (% changes in shares of estimated total weight landed.)

### UK EEZ - Pelagic Fish by Species

Landings of pelagic fish from the UK EEZ were dominated by mackerel, herring and blue whiting (Figure 16, Table 11).

Mackerel and herring together accounted for more than 90% of the pelagic fish landed from the UK EEZ in 2018 by UK boats.

EU27 boats' landings of pelagic species from the UK EEZ were also dominated by mackerel and herring, but also included a substantial proportion of blue whiting.

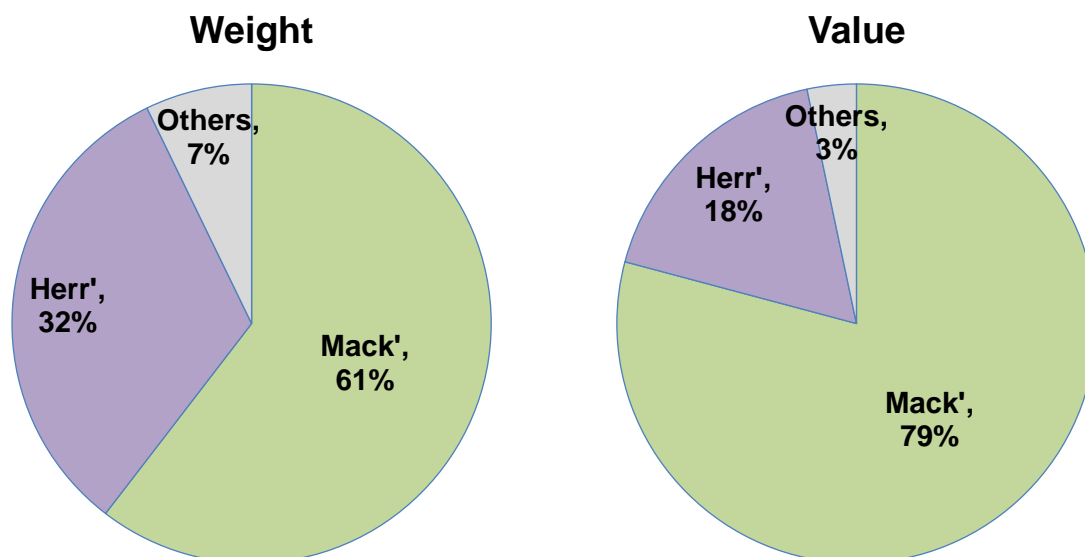
For individual pelagic species there was considerable variability in the relative shares landed by UK and non-UK boats, but in all cases the majority of the fish landed were caught by non-UK boats (Figure 17). UK boats' shares ranged from just over one-third of the mackerel, to one-fifth of the herring, 15% of the horse mackerel and a negligible proportion of the blue whiting.

Detailed breakdowns of the weights and values of the principal pelagic species landed from the UK EEZ by UK, EU27 and other non-UK boats are provided in Table 12 and Table 13.



## UK EEZ - Pelagic Fish – By Species

### UK EEZ - UK Boats (2018)



### UK EEZ - EU27 Boats (2018)

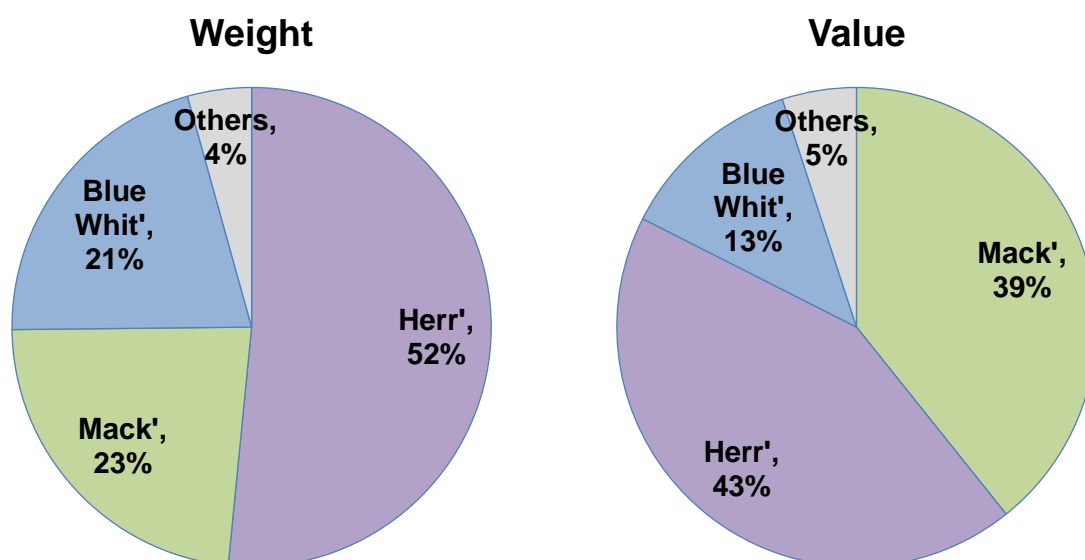


Figure 16 Breakdowns by species of the principal pelagic fish landed from the UK EEZ in 2018 by UK fishing boats (top) and by EU27 fishing boats (bottom). (% weights and values; see Table 11.)

### UK EEZ - Pelagic Fish – By Species

Table 11 The estimated weights (top) and values (bottom) of the principal pelagic fish species landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats.

Pelagic		Weight (000 tonnes)							
UK Boats		2015		2016		2017		2018	
Mackerel		191.6	64%	204.0	65%	219.3	68%	185.0	60%
Herring		90.0	30%	84.8	27%	78.1	24%	99.1	32%
Blue Whiting		9.8	3%	11.9	4%	14.2	4%	8.8	3%
Pilchards		4.3	1%	9.2	3%	7.6	2%	8.1	3%
Horse Mack'l		5.7	2%	3.4	1%	3.8	1%	4.6	1%
Others		0.0	0%	0.4	0%	0.2	0%	0.5	0%
<b>TOTAL</b>		<b>301.5</b>	<b>100%</b>	<b>313.6</b>	<b>100%</b>	<b>323.1</b>	<b>100%</b>	<b>306.1</b>	<b>100%</b>
EU27 Boats		2015		2016		2017		2018	
Herring		231.6	52%	268.1	52%	264.4	48%	307.7	52%
Mackerel		134.1	30%	151.4	29%	184.0	33%	138.9	23%
Blue Whiting		49.4	11%	68.3	13%	81.8	15%	124.5	21%
Horse Mack'l		20.1	5%	20.8	4%	19.3	3%	25.0	4%
Pilchards		4.0	1%	7.5	1%	3.6	1%	0.8	0%
Others		4.1	1%	0.4	0%	0.1	0%	0.0	0%
<b>TOTAL</b>		<b>443.3</b>	<b>100%</b>	<b>516.5</b>	<b>100%</b>	<b>553.2</b>	<b>100%</b>	<b>596.8</b>	<b>100%</b>

Pelagic		Value £ million)							
UK Boats		2015		2016		2017		2018	
Mackerel		£121.5	76%	£178.6	75%	£197.2	83%	£194.6	79%
Herring		£31.7	20%	£52.1	22%	£32.6	14%	£43.1	18%
Blue Whiting		£1.6	1%	£3.1	1%	£2.5	1%	£2.9	1%
Pilchards		£2.9	2%	£1.5	1%	£2.1	1%	£3.1	1%
Horse Mack'l		£1.8	1%	£2.8	1%	£2.0	1%	£1.7	1%
Others		£0.0	0%	£0.3	0%	£0.1	0%	£0.5	0%
<b>TOTAL</b>		<b>£159.4</b>	<b>100%</b>	<b>£238.3</b>	<b>100%</b>	<b>£236.5</b>	<b>100%</b>	<b>£245.9</b>	<b>100%</b>
EU27 Boats		2015		2016		2017		2018	
Mackerel		£71.6	42%	£91.2	39%	£129.5	50%	£102.1	39%
Herring		£74.2	44%	£108.5	46%	£99.1	38%	£112.3	43%
Blue Whiting		£11.5	7%	£18.2	8%	£19.1	7%	£32.6	13%
Horse Mack'l		£8.0	5%	£9.0	4%	£7.6	3%	£12.0	5%
Pilchards		£1.2	1%	£8.1	3%	£3.1	1%	£0.3	0%
Others		£2.0	1%	£0.2	0%	£0.1	0%	£0.7	0%
<b>TOTAL</b>		<b>£168.5</b>	<b>100%</b>	<b>£235.1</b>	<b>100%</b>	<b>£258.4</b>	<b>100%</b>	<b>£260.0</b>	<b>100%</b>

## UK EEZ - Pelagic Fish – By Species

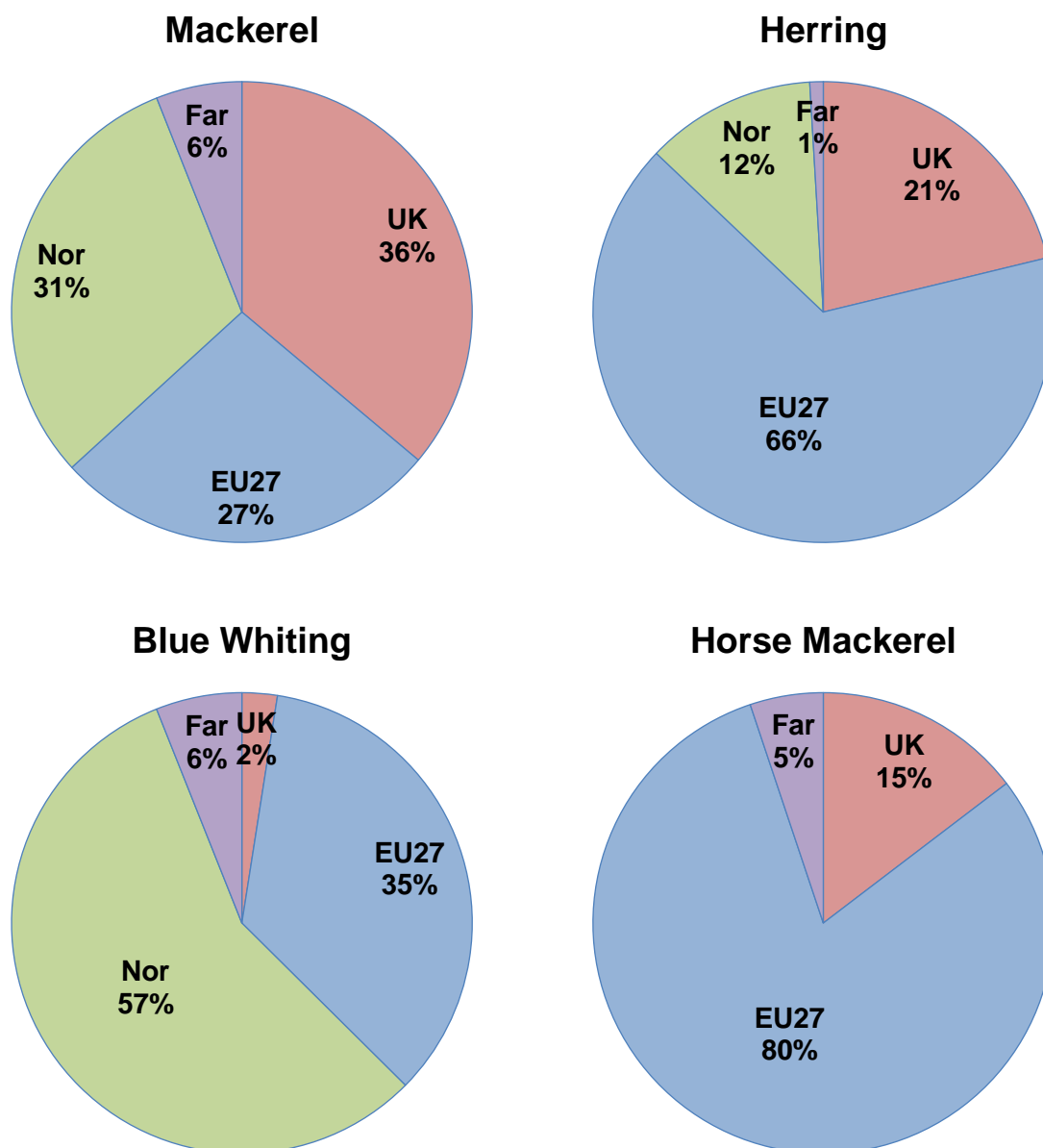


Figure 17 Breakdowns by fleet of the principal pelagic fish species landed from the UK EEZ in 2018. (% weights landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 12 and Table 13.)

### UK EEZ - Pelagic Fish – By Species

Table 12 The estimated weights of the principal pelagic fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)								
Mackerel	2015		2016		2017		2018	
UK	191.6	50%	204.0	51%	219.3	45%	185.0	36%
EU27	134.1	35%	151.4	38%	184.0	38%	138.9	27%
Norway	19.4	5%	12.3	3%	46.9	10%	157.6	31%
Faroe	39.8	10%	33.9	8%	38.6	8%	30.9	6%
All non-UK	193.3	50%	197.6	49%	269.5	55%	327.4	64%
<b>TOTAL</b>	<b>384.9</b>	<b>100%</b>	<b>401.6</b>	<b>100%</b>	<b>488.7</b>	<b>100%</b>	<b>512.3</b>	<b>100%</b>
<b>Herring</b>								
UK	90.0	24%	84.8	20%	78.1	20%	99.1	21%
EU27	231.6	61%	268.1	64%	264.4	67%	307.7	66%
Norway	58.7	15%	59.5	14%	47.5	12%	55.9	12%
Faroe	0.0	0%	6.0	1%	6.2	2%	4.4	1%
All non-UK	290.3	76%	333.6	80%	318.0	80%	368.0	79%
<b>TOTAL</b>	<b>380.4</b>	<b>100%</b>	<b>418.4</b>	<b>100%</b>	<b>396.1</b>	<b>100%</b>	<b>467.1</b>	<b>100%</b>
<b>Blue Whiting</b>								
UK	9.8	5%	11.9	6%	14.2	6%	8.8	2%
EU27	49.4	24%	68.3	35%	81.8	32%	124.5	35%
Norway	115.2	55%	90.8	47%	140.3	54%	201.3	57%
Faroe	35.0	17%	21.5	11%	21.5	8%	21.5	6%
All non-UK	199.5	95%	180.6	94%	243.5	94%	347.2	98%
<b>TOTAL</b>	<b>209.4</b>	<b>100%</b>	<b>192.5</b>	<b>100%</b>	<b>257.7</b>	<b>100%</b>	<b>356.0</b>	<b>100%</b>
<b>Horse Mackerel</b>								
UK	5.7	21%	3.4	13%	3.8	15%	4.6	15%
EU27	20.1	73%	20.8	80%	19.3	78%	25.0	80%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	1.7	6%	1.7	7%	1.6	6%	1.6	5%
All non-UK	21.8	79%	22.5	87%	20.9	85%	26.6	85%
<b>TOTAL</b>	<b>27.5</b>	<b>100%</b>	<b>25.9</b>	<b>100%</b>	<b>24.7</b>	<b>100%</b>	<b>31.1</b>	<b>100%</b>

## UK EEZ - Pelagic Fish – By Species

Table 13 The estimated values of the principal pelagic fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

		Value (£ million)							
Mackerel		2015		2016		2017		2018	
UK		£121.5	53%	£178.6	59%	£197.2	50%	£194.6	41%
EU27		£71.6	31%	£91.2	30%	£129.5	33%	£102.1	22%
Norway		£11.5	5%	£9.4	3%	£38.0	10%	£144.4	31%
Faroe		£23.6	10%	£25.7	8%	£31.3	8%	£28.3	6%
All non-UK		£106.7	47%	£126.2	41%	£198.7	50%	£274.7	59%
<b>TOTAL</b>		<b>£228.1</b>	<b>100%</b>	<b>£304.8</b>	<b>100%</b>	<b>£395.9</b>	<b>100%</b>	<b>£469.3</b>	<b>100%</b>
<b>Herring</b>									
UK		£31.7	25%	£52.1	27%	£32.6	21%	£43.1	24%
EU27		£74.2	59%	£108.5	57%	£99.1	65%	£112.3	63%
Norway		£19.3	15%	£27.1	14%	£18.2	12%	£21.4	12%
Faroe		£0.0	0%	£2.7	1%	£2.4	2%	£1.7	1%
All non-UK		£93.5	75%	£138.4	73%	£119.7	79%	£135.4	76%
<b>TOTAL</b>		<b>£125.2</b>	<b>100%</b>	<b>£190.5</b>	<b>100%</b>	<b>£152.3</b>	<b>100%</b>	<b>£178.5</b>	<b>100%</b>
<b>Blue Whiting</b>									
UK		£1.8	4%	£2.8	6%	£2.0	4%	£1.7	2%
EU27		£11.5	24%	£18.2	36%	£19.1	34%	£32.6	36%
Norway		£25.8	55%	£23.8	47%	£30.8	54%	£51.7	57%
Faroe		£7.9	17%	£5.6	11%	£4.7	8%	£5.5	6%
All non-UK		£45.2	96%	£47.6	94%	£54.5	96%	£89.8	98%
<b>TOTAL</b>		<b>£47.0</b>	<b>100%</b>	<b>£50.4</b>	<b>100%</b>	<b>£56.5</b>	<b>100%</b>	<b>£91.5</b>	<b>100%</b>
<b>Horse Mackerel</b>									
UK		£2.9	25%	£1.5	13%	£2.1	20%	£3.1	19%
EU27		£8.0	69%	£9.0	80%	£7.6	74%	£12.0	75%
Norway		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Faroe		£0.7	6%	£0.7	7%	£0.7	6%	£0.8	5%
All non-UK		£8.7	75%	£9.7	87%	£8.3	80%	£12.8	81%
<b>TOTAL</b>		<b>£11.5</b>	<b>100%</b>	<b>£11.1</b>	<b>100%</b>	<b>£10.4</b>	<b>100%</b>	<b>£15.9</b>	<b>100%</b>

## UK EEZ - Shellfish

*'Shellfish' is a diverse group of invertebrate species including crabs, lobsters, prawns, scallops, whelks and squid.*

It is estimated that a total of just over 150,000 tonnes of shellfish, worth almost £390 million, were landed from the UK EEZ in 2018 (Table 14).

UK fishing boats caught most of the shellfish landed from the UK EEZ in 2018 with EU27 boats accounting for all the remaining share (Figure 18).

The UK's share of the shellfish landings from the UK EEZ fell slightly from 2015 to 2018, by 2% over the period, while the shares taken by EU27 boats increased by about 14% (Figure 19, Figure 20).

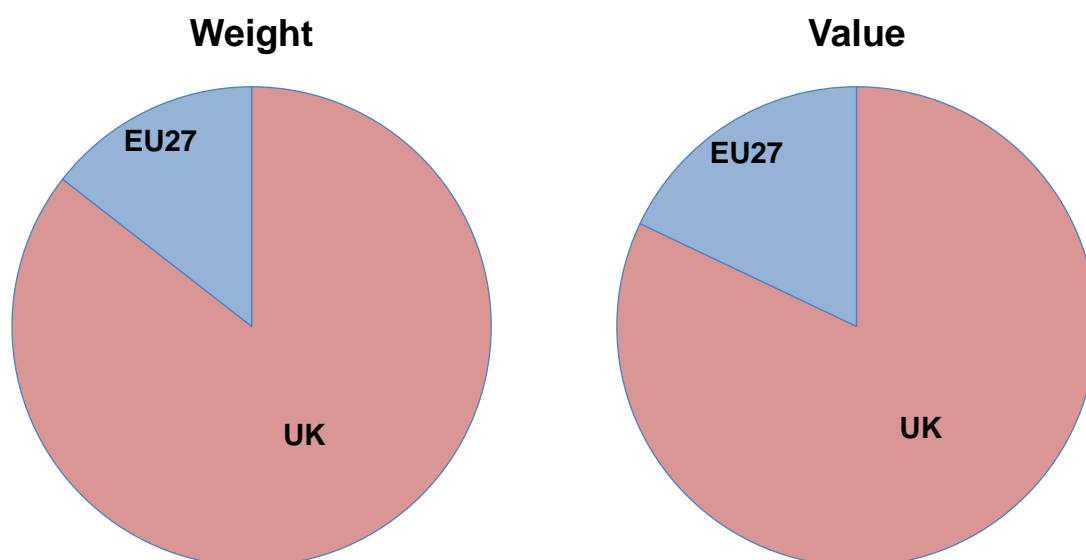


Figure 18 Breakdowns by fleet of the shellfish landed from the UK EEZ in 2018. (% weights by UK and EU27 fishing boats; see Table 14.)

## UK EEZ - Shellfish

Table 14 The estimated weights (top) and values (bottom) of shellfish landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 (there were no landings of shellfish by Norwegian or Faroese boats).

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK	137	87%	138	86%	131	86%	116	86%
EU27	21	13%	22	14%	22	14%	20	14%
Norway	---	---	---	---	---	---	---	---
Faroe	---	---	---	---	---	---	---	---
All non-UK	21	13%	22	14%	22	14%	20	14%
TOTAL	157	100%	160	100%	153	100%	135	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK	£257	85%	£310	88%	£330	80%	£317	82%
EU27	£44	15%	£42	12%	£85	20%	£69	18%
Norway	---	---	---	---	---	---	---	---
Faroe	---	---	---	---	---	---	---	---
All non-UK	£44	15%	£42	12%	£85	20%	£69	18%
TOTAL	£301	100%	£352	100%	£415	100%	£386	100%

## UK EEZ - Shellfish

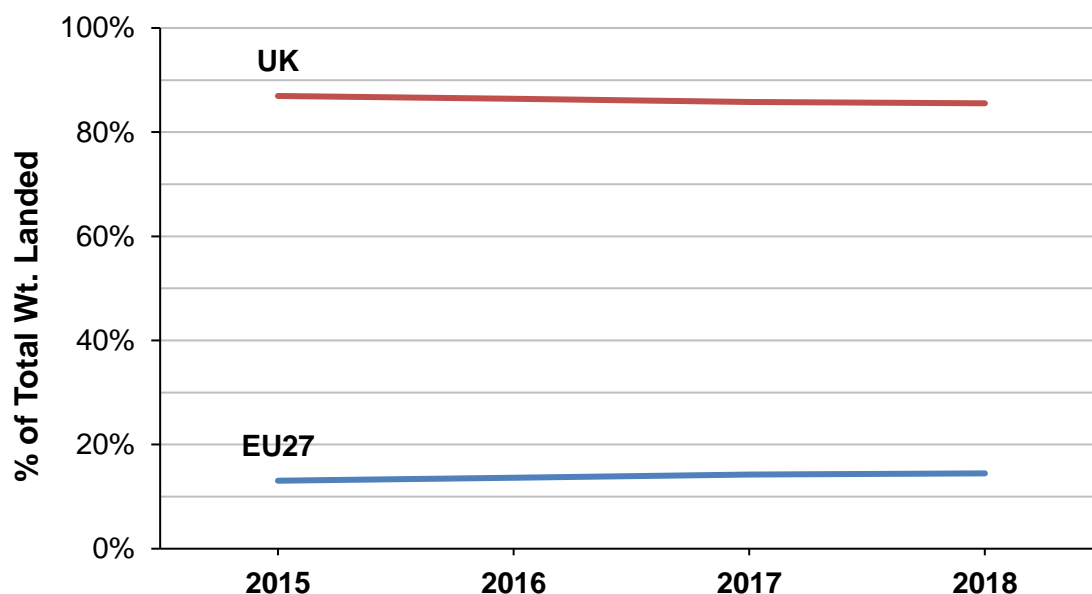


Figure 19 Trends from 2015 to 2018 in the relative shares of the shellfish landed from the UK EEZ by UK and EU27 fishing boats. (% of estimated total weight landed.)

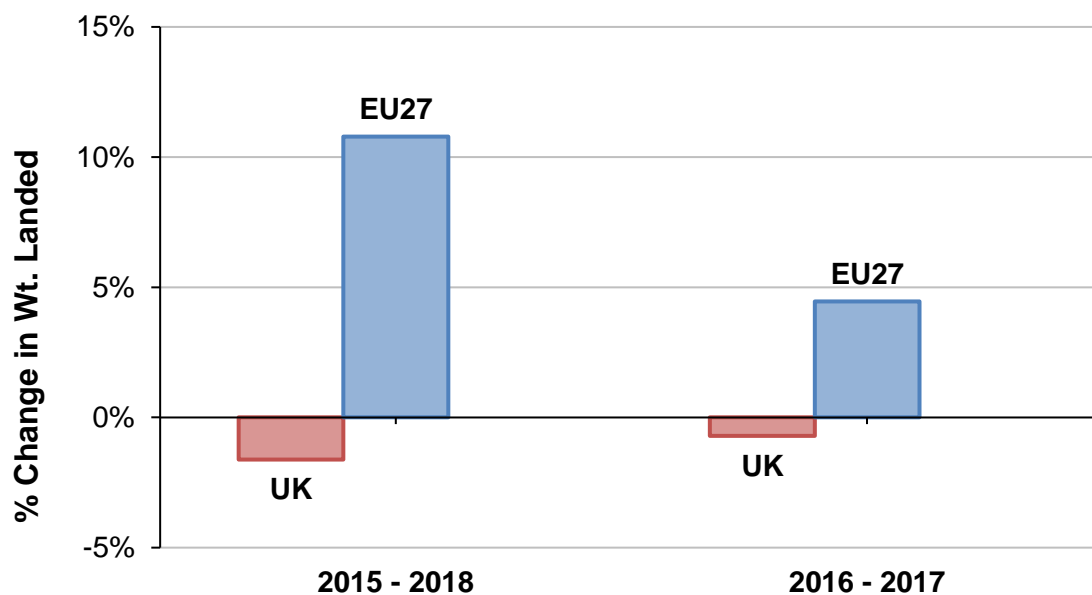


Figure 20 Percentage changes from 2015 to 2018 and from 2016 to 2017 in the shares of the shellfish landed from the UK EEZ by UK and EU27 fishing boats. (% changes in shares of estimated total weight landed.)



### **UK EEZ - Shellfish by Species**

Landings of shellfish species from the UK EEZ by UK boats in 2018 were dominated by edible crab, Nephrops, scallops, whelks and lobsters (Figure 21, Table 15).

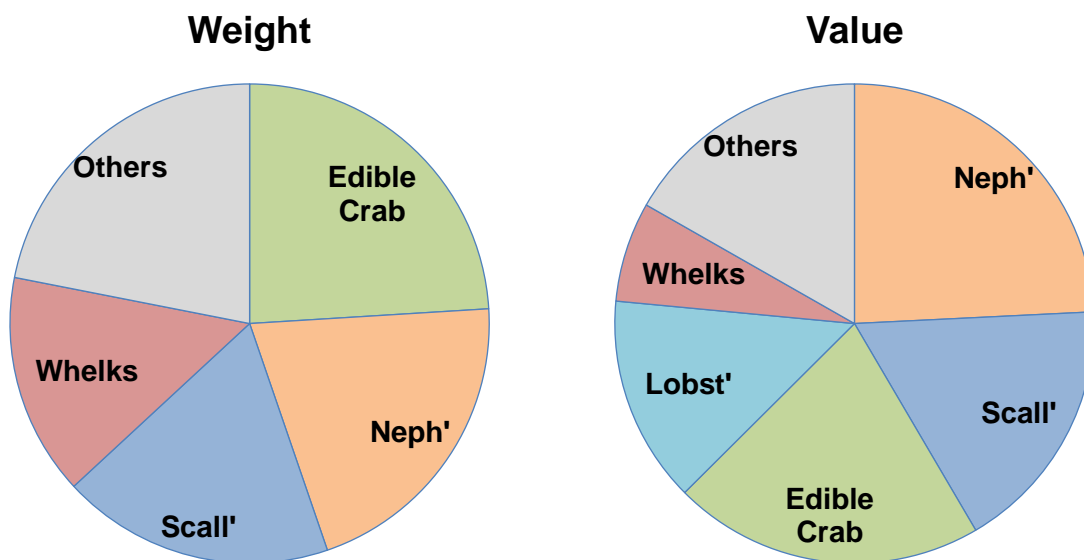
EU27 boats' landings of shellfish species from the UK EEZ were also dominated by Nephrops, scallops and whelks but also included a substantial proportion of cuttlefish.

For the principal shellfish species, the vast majority of those landed from the UK EEZ were caught by UK fishing boats (Figure 22), with UK boats accounting for 90% or more of the landings.

Detailed breakdowns of the weights and values of the principal pelagic species landed from the UK EEZ by UK, EU27 and other non-UK boats are provided in Table 16.

**UK EEZ – Shellfish – By Species**

**UK EEZ - UK Boats (2018)**



**UK EEZ - EU27 Boats (2018)**

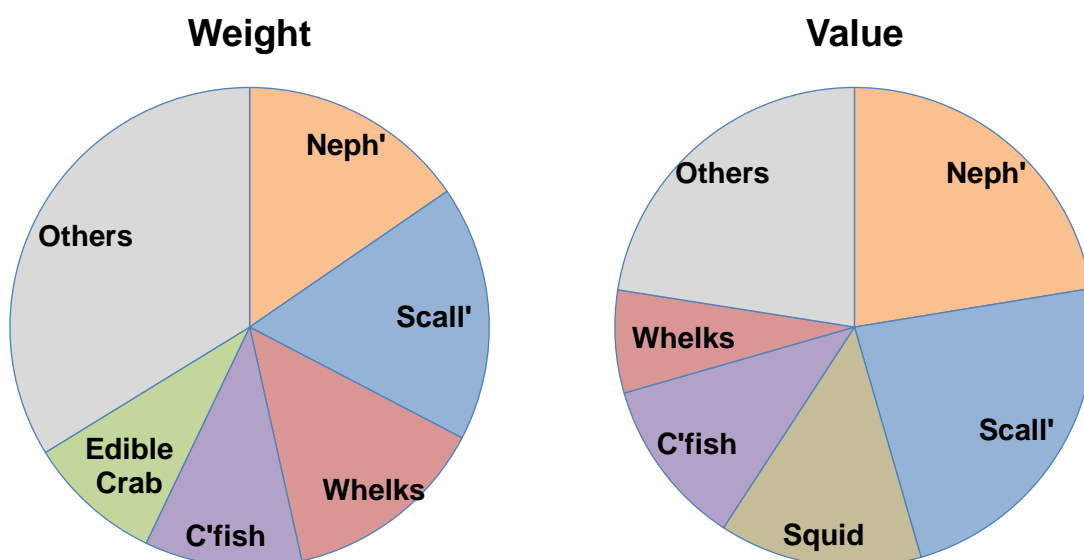


Figure 21 Breakdowns by species of the shellfish landed from the UK EEZ in 2018 by UK fishing boats (top) and by EU27 fishing boats (bottom). (% weights and values; see Table 15.)

## UK EEZ – Shellfish – By Species

Table 15 The estimated weights (top) and values (bottom) of the principal shellfish species landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats.

Shellfish		Weight (000 tonnes)							
UK Boats		2015		2016		2017		2018	
Edible Crab		27.0	20%	30.5	22%	28.9	22%	27.8	24%
Nephrops		24.2	18%	29.5	21%	28.6	22%	24.0	21%
Scallops		26.1	19%	25.7	19%	22.6	17%	21.2	18%
Whelks		20.5	15%	22.2	16%	20.5	16%	17.3	15%
Queen Scall'		12.4	9%	10.1	7%	5.8	4%	2.8	2%
Others		26.5	19%	20.0	15%	24.7	19%	22.5	19%
<b>TOTAL</b>		<b>136.6</b>	<b>100%</b>	<b>138.0</b>	<b>100%</b>	<b>131.1</b>	<b>100%</b>	<b>115.7</b>	<b>100%</b>
EU27 Boats		2015		2016		2017		2018	
Nephrops		4.1	20%	4.3	20%	3.6	17%	3.0	15%
Scallops		3.9	19%	4.2	19%	3.5	16%	3.4	17%
Whelks		2.5	12%	2.7	12%	2.8	13%	2.7	14%
Cuttlefish		2.7	13%	1.8	8%	2.4	11%	2.1	11%
Edible Crab		1.4	7%	1.8	8%	2.1	10%	1.8	9%
Others		5.8	28%	7.0	32%	7.4	34%	6.6	34%
<b>TOTAL</b>		<b>20.5</b>	<b>100%</b>	<b>21.8</b>	<b>100%</b>	<b>21.8</b>	<b>100%</b>	<b>19.6</b>	<b>100%</b>
		Value £ million)							
UK Boats		2015		2016		2017		2018	
Nephrops		£78.5	31%	£97.4	31%	£92.3	28%	£76.7	24%
Scallops		£52.6	20%	£60.8	20%	£58.9	18%	£54.9	17%
Edible Crab		£35.3	14%	£42.5	14%	£48.3	15%	£66.4	21%
Lobsters		£32.1	12%	£39.4	13%	£44.3	13%	£44.2	14%
Whelks		£18.3	7%	£22.4	7%	£22.5	7%	£21.4	7%
Others		£40.1	16%	£47.1	15%	£63.6	19%	£53.0	17%
<b>TOTAL</b>		<b>£256.9</b>	<b>100%</b>	<b>£309.7</b>	<b>100%</b>	<b>£329.9</b>	<b>100%</b>	<b>£316.6</b>	<b>100%</b>
EU27 Boats		2015		2016		2017		2018	
Nephrops		£14.3	33%	£15.8	38%	£20.9	25%	£15.5	22%
Scallops		£8.9	20%	£8.4	20%	£13.8	16%	£16.0	23%
Squid		£5.7	13%	£5.7	14%	£8.3	10%	£9.5	14%
Cuttlefish		£4.9	11%	£4.7	11%	£8.6	10%	£7.9	11%
Whelks		£2.4	6%	£2.7	7%	£5.7	7%	£4.8	7%
Others		£7.6	17%	£4.6	11%	£27.5	32%	£15.6	23%
<b>TOTAL</b>		<b>£43.7</b>	<b>100%</b>	<b>£41.9</b>	<b>100%</b>	<b>£84.7</b>	<b>100%</b>	<b>£69.2</b>	<b>100%</b>

### UK EEZ – Shellfish – By Species

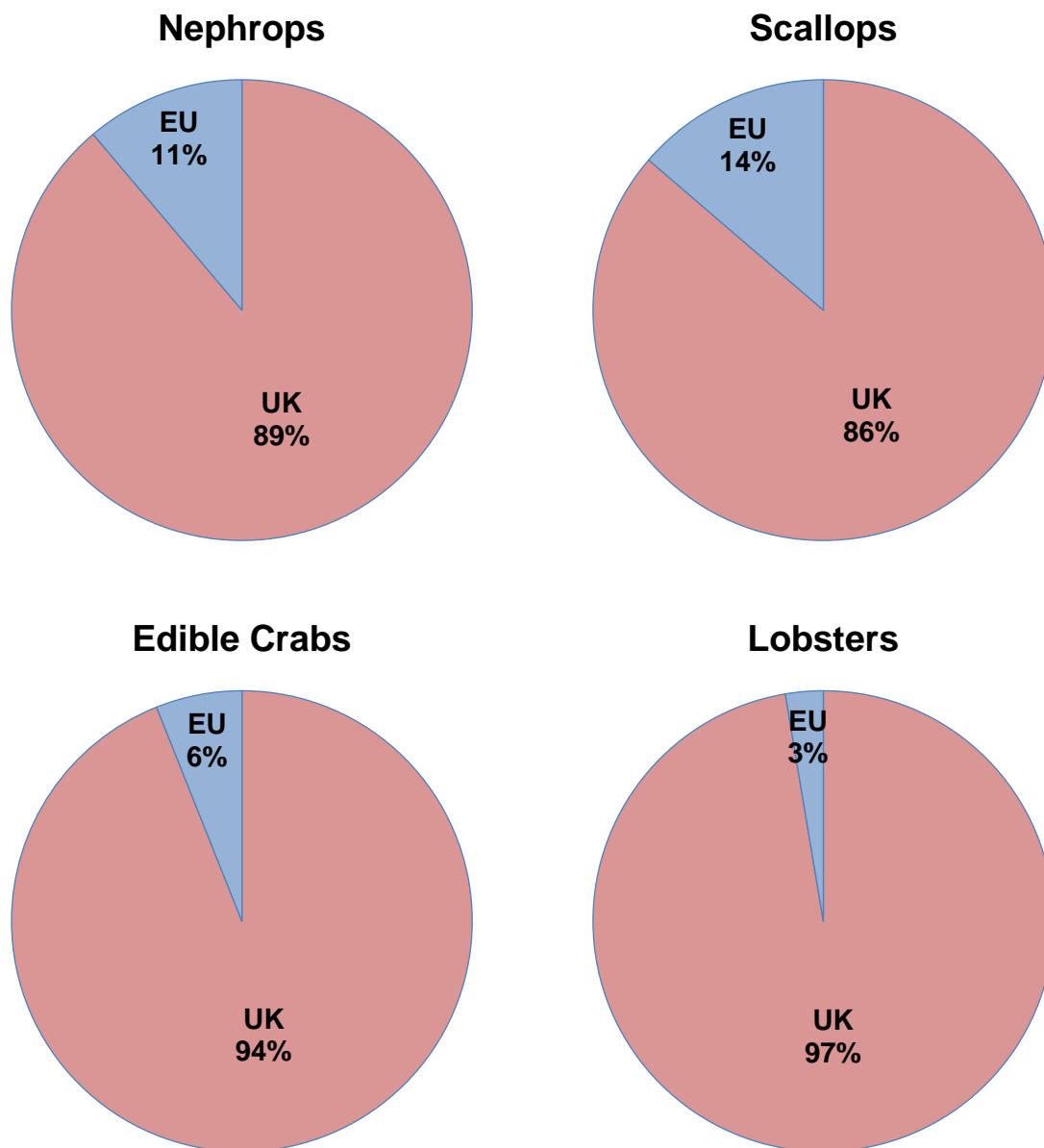


Figure 22 Breakdowns by fleet of the principal shellfish species landed from the UK EEZ in 2018. (% weights by UK and EU27 fishing boats; see Table 16.)

## UK EEZ – Shellfish – By Species

Table 16 The estimated weights (top) and values (bottom) of the principal shellfish landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats.

Weight (000 tonnes)								
Nephrops	2015		2016		2017		2018	
UK	24.2	86%	29.5	87%	28.6	89%	24.0	89%
EU27	4.1	14%	4.3	13%	3.6	11%	3.0	11%
TOTAL	28.3	100%	33.8	100%	32.2	100%	27.0	100%
Scallops								
UK	26.1	87%	25.7	86%	22.6	87%	21.2	86%
EU27	3.9	13%	4.2	14%	3.5	13%	3.4	14%
TOTAL	30.0	100%	29.9	100%	26.1	100%	24.6	100%
Edible Crabs								
UK	27.0	95%	30.5	94%	28.9	93%	27.8	94%
EU27	1.4	5%	1.8	6%	2.1	7%	1.8	6%
TOTAL	28.4	100%	32.3	100%	31.0	100%	29.6	100%
Lobsters								
UK	3.1	98%	3.3	98%	3.3	98%	3.0	97%
EU27	0.1	2%	0.1	2%	0.1	2%	0.1	3%
TOTAL	3.2	100%	3.3	100%	3.4	100%	3.1	100%
Value (£ million)								
Nephrops	2015		2016		2017		2018	
UK	£78.5	85%	£97.4	86%	£92.3	82%	£76.7	83%
EU27	£14.3	15%	£15.8	14%	£20.9	18%	£15.5	17%
TOTAL	£92.7	100%	£113.2	100%	£113.2	100%	£92.2	100%
Scallops								
UK	£52.6	86%	£60.8	88%	£58.9	81%	£54.9	77%
EU27	£8.9	14%	£8.4	12%	£13.8	19%	£16.0	23%
TOTAL	£61.5	100%	£69.2	100%	£72.7	100%	£70.8	100%
Edible Crabs								
UK	£35.3	95%	£42.5	98%	£48.3	89%	£66.4	94%
EU27	£2.0	5%	£1.0	2%	£6.1	11%	£4.4	6%
TOTAL	£37.4	100%	£43.6	100%	£54.3	100%	£70.8	100%
Lobsters								
UK	£32.1	98%	£39.4	100%	£44.3	94%	£44.2	98%
EU27	£0.8	2%	£0.0	0%	£2.7	6%	£1.0	2%
TOTAL	£32.9	100%	£38.7	100%	£47.1	100%	£45.2	100%

## UK EEZ - Industrial Fish

*'Industrial' fish are species that are caught for reduction to fish meal and oil rather than for human consumption and include sandeels, Norway pout, sprats and argentines.*

It is estimated that about 180,000 tonnes of industrial fish, worth about £38 million, were landed from the UK EEZ in 2018 (Table 17).

The vast majority of the industrial fish landed from the UK EEZ in 2018, 98% of the total, were caught by non-UK fishing boats (Figure 23), most of that by EU27 boats.

The UK boats' already very small share fell by more than one-quarter (29%) from 2015 to 2018 while EU27 boats' (large) share increased slightly (Figure 19, Figure 20).

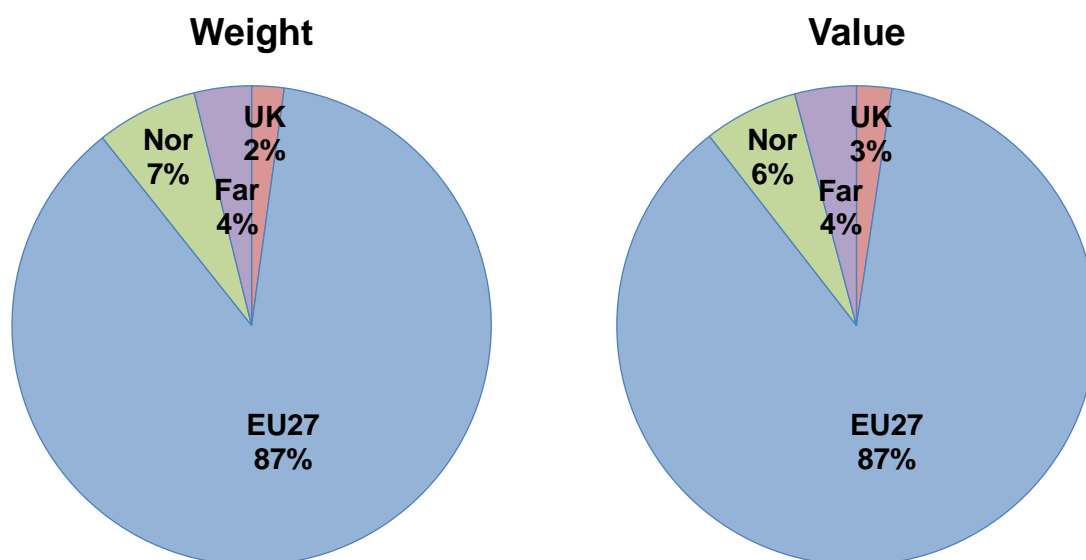


Figure 23 Breakdowns by fleet of the industrial fish landed from the UK EEZ in 2018. (% weights and values landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 17.)

## UK EEZ – Industrial Fish

Table 17 The estimated weights (top) and values (bottom) of industrial fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK	6	3%	6	7%	6	2%	4	2%
EU27	178	86%	57	64%	266	92%	158	87%
Norway	16	8%	15	17%	7	3%	12	7%
Faroe	7	3%	12	13%	10	4%	7	4%
All non-UK	200	97%	83	93%	284	98%	178	98%
TOTAL	207	100%	89	100%	290	100%	181	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK	£1	4%	£1	7%	£1	3%	£1	2%
EU27	£29	85%	£14	66%	£38	90%	£33	87%
Norway	£2	7%	£3	16%	£1	2%	£2	6%
Faroe	£1	4%	£2	11%	£2	4%	£2	4%
All non-UK	£33	96%	£20	93%	£40	97%	£37	98%
TOTAL	£34	100%	£21	100%	£42	100%	£38	100%

## UK EEZ – Industrial Fish

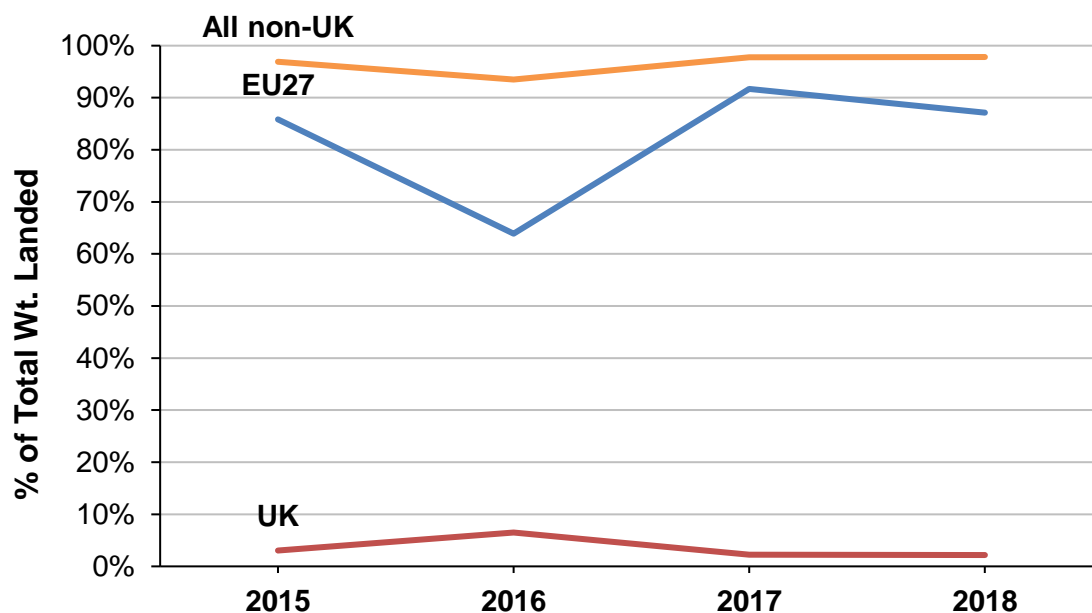


Figure 24 Trends from 2015 to 2018 in the shares of the industrial fish landed from the UK EEZ by UK and EU27 fishing boats and by all non-UK boats. (% of estimated total weight landed; see Table 17.)

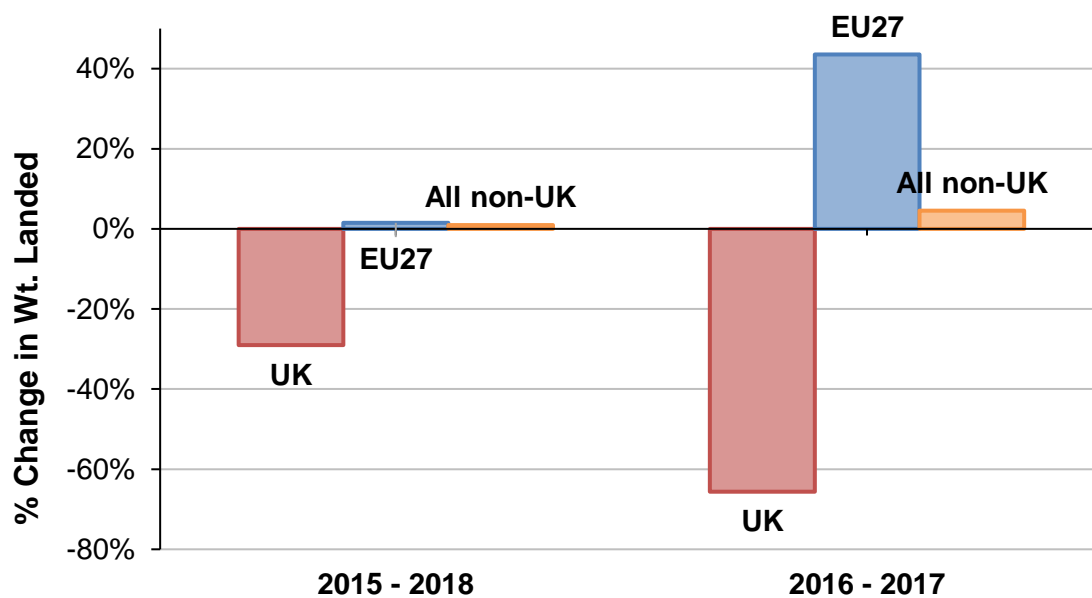


Figure 25 Percentage changes from 2015 to 2018 and from 2016 to 2017 in the shares of the industrial fish landed from the UK EEZ by UK, EU27 and all non-UK fishing boats. (% changes in shares of estimated total weight landed.)



### UK EEZ - Industrial Fish by Species

Landings of industrial fish from the UK EEZ were dominated by sandeels, with smaller quantities of sprat, Norway pout, pouting and argentinies (Figure 26, Table 18).

Landings of industrial species from the UK EEZ by UK boats in 2018 were dominated by sprat which accounted for about half of the total. Sandeels and pouting accounted for most of the balance.

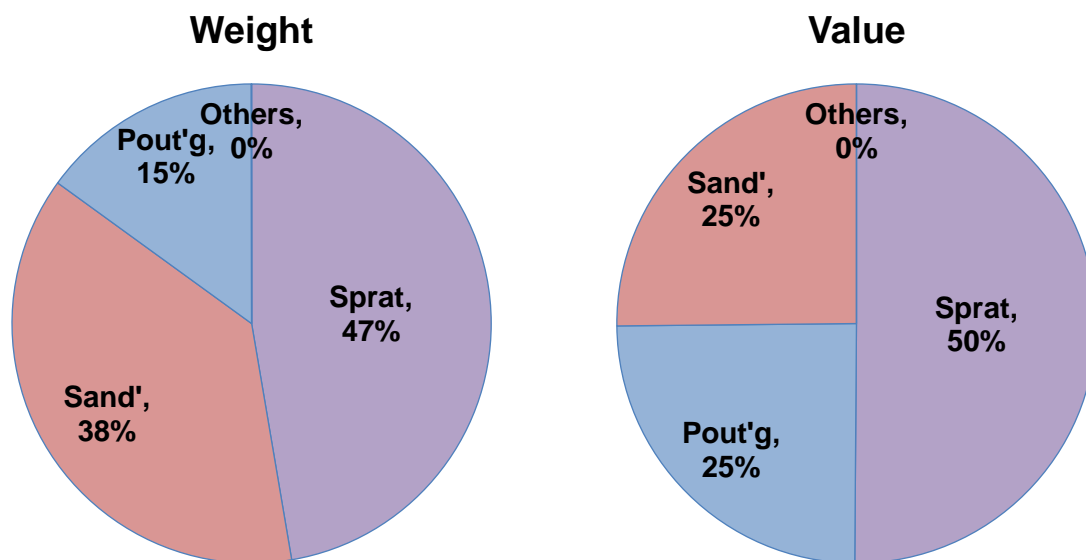
EU27 boats' landings of industrial species from the UK EEZ were dominated by sandeels which accounted for more than three-quarters of the total, with smaller quantities of Norway pout and sprat.

For most individual industrial species, the vast majority of the fish landed from the UK EEZ in 2018 were caught by EU27 fishing boats (Figure 27). The only exception was sprat, with 14% of the total landings caught by UK boats, but EU27 boats still accounted for more than three-quarters of the total.

Detailed breakdowns of the weights and values of the principal industrial species landed from the UK EEZ by UK, EU27 and other non-UK boats are provided in Table 19 and Table 20.

**UK EEZ – Industrial Fish – By Species**

**UK EEZ - UK Boats (2018)**



**UK EEZ - EU27 Boats (2018)**

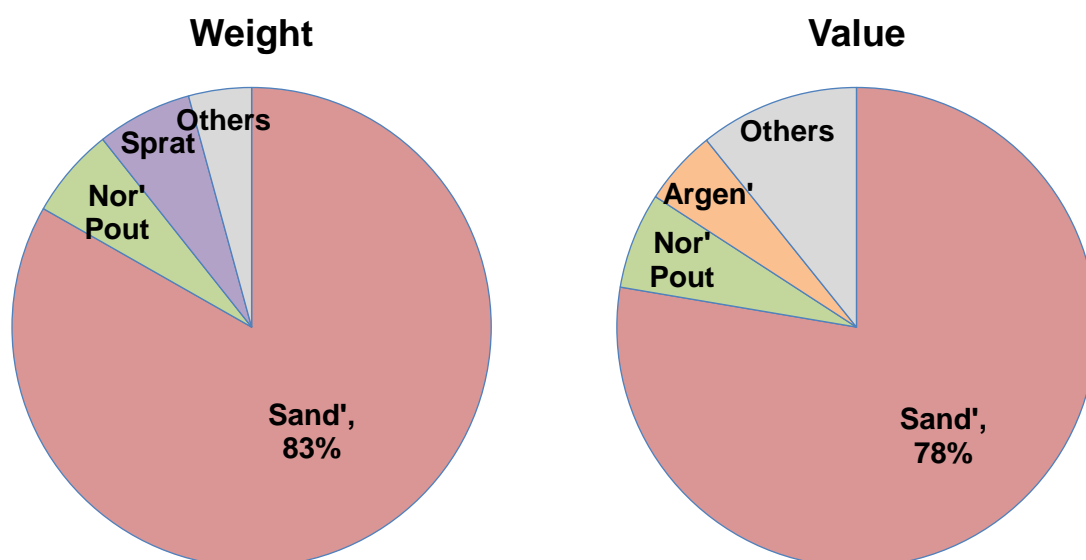


Figure 26 Breakdowns by species of the industrial fish landed from the UK EEZ in 2018 by UK fishing boats (top) and by EU27 fishing boats (bottom). (% weights and values; see Table 18).

## UK EEZ – Industrial Fish – By Species

Table 18 The estimated weights (top) and values (bottom) of the principal industrial fish species landed from the UK EEZ annually from 2015 to 2018 by UK and EU27 fishing boats.

Industrial		Weight (000 tonnes)							
UK Boats		2015		2016		2017		2018	
Sprat		3.7	59%	5.1	87%	3.9	60%	1.9	47%
Sandeels		2.0	32%	0.0	0%	1.9	30%	1.5	38%
Pouting		0.6	9%	0.7	12%	0.6	10%	0.6	15%
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Others		0.0	0%	0.0	1%	0.0	0%	0.0	0%
<b>TOTAL</b>		<b>6.4</b>	<b>100%</b>	<b>5.8</b>	<b>100%</b>	<b>6.5</b>	<b>100%</b>	<b>4.0</b>	<b>100%</b>
<b>EU27 Boats</b>									
Sandeels		145.1	82%	19.4	34%	237.8	89%	131.6	83%
Norway Pout		11.0	6%	23.1	41%	12.2	5%	9.6	6%
Sprat		12.8	7%	5.0	9%	7.5	3%	10.2	6%
Argentines		3.2	2%	6.0	11%	4.1	2%	3.9	2%
Pouting		2.0	1%	1.7	3%	2.1	1%	2.0	1%
Others		3.5	2%	1.6	1%	2.4	1%	0.8	0%
<b>TOTAL</b>		<b>177.5</b>	<b>100%</b>	<b>56.9</b>	<b>100%</b>	<b>266.0</b>	<b>100%</b>	<b>158.1</b>	<b>100%</b>
Industrial		Value £ million)							
UK Boats		2015		2016		2017		2018	
Sprat		£0.7	53%	£1.1	75%	£0.9	65%	£0.5	50%
Pouting		£0.2	17%	£0.3	21%	£0.3	17%	£0.2	25%
Sandeels		£0.4	30%	£0.0	3%	£0.3	18%	£0.2	25%
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Others		£0.0	0%	£0.0	1%	£0.0	0%	£0.0	0%
<b>TOTAL</b>		<b>£1.3</b>	<b>100%</b>	<b>£1.4</b>	<b>100%</b>	<b>£1.4</b>	<b>100%</b>	<b>£0.9</b>	<b>100%</b>
<b>EU27 Boats</b>									
Sandeels		£22.3	76%	£4.5	32%	£30.6	81%	£25.7	78%
Norway Pout		£2.0	7%	£4.8	34%	£1.8	5%	£2.1	6%
Argentines		£1.3	4%	£2.4	17%	£2.0	5%	£1.7	5%
Sprat		£2.4	8%	£1.1	8%	£1.4	4%	£2.4	7%
Pouting		£0.9	3%	£0.9	7%	£1.1	3%	£1.0	3%
Others		£0.5	0%	£0.3	0%	£0.8	0%	£0.2	0%
<b>TOTAL</b>		<b>£29.4</b>	<b>100%</b>	<b>£14.0</b>	<b>100%</b>	<b>£37.8</b>	<b>100%</b>	<b>£33.1</b>	<b>100%</b>

**UK EEZ – Industrial Fish – By Species**

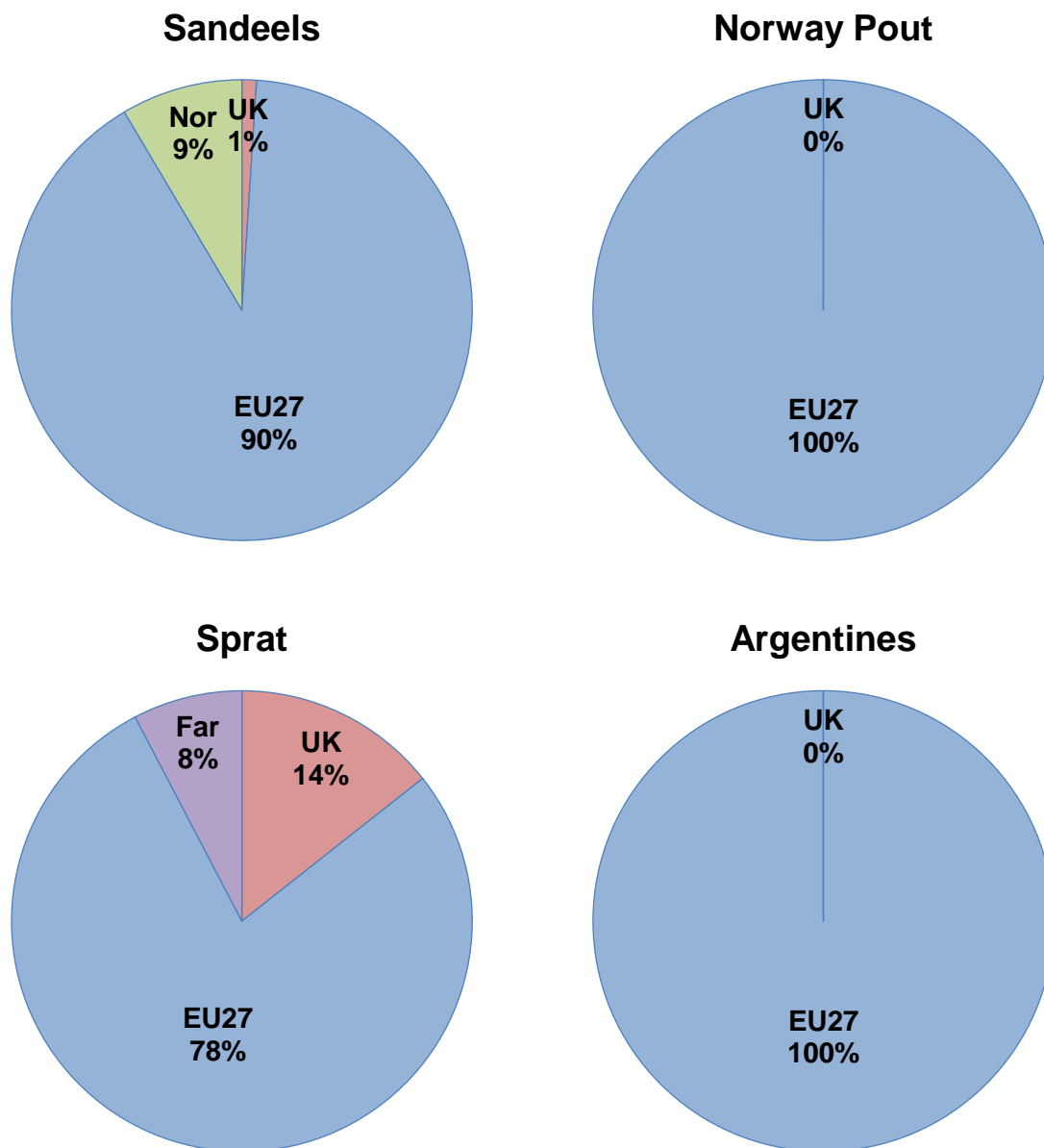


Figure 27 Breakdowns by fleet of the principal industrial fish species landed from the UK EEZ in 2018. (% weights landed by UK, EU27, Norwegian and Faroese fishing boats; see Table 19 and Table 20.)

## UK EEZ – Industrial Fish – By Species

Table 19 The estimated weights of the principal industrial fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

Weight (000 tonnes)								
Sandeels	2015		2016		2017		2018	
UK	2.0	1%	0.0	0%	1.9	1%	1.5	1%
EU27	145.1	89%	19.4	57%	237.8	96%	131.6	90%
Norway	15.9	10%	14.9	43%	7.3	3%	12.4	9%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0	0%
All non-UK	161.0	99%	34.3	100%	245.1	99%	144.0	99%
TOTAL	163.0	100%	34.3	100%	247.1	100%	145.5	100%
Norway Pout								
UK	0.0	0%	0.0	0%	0.0	0%	0.0	0%
EU27	11.0	61%	23.1	79%	12.2	57%	9.6	62%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	7.0	39%	6.0	21%	9.3	43%	6.0	38%
All non-UK	18.0	100%	29.1	100%	21.5	100%	15.6	100%
TOTAL	18.0	100%	29.1	100%	21.5	100%	15.6	100%
Sprat								
UK	3.7	23%	5.1	32%	3.9	32%	1.9	14%
EU27	12.8	77%	5.0	32%	7.5	60%	10.2	78%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	0.0	0%	5.5	35%	1.0	8%	1.0	8%
All non-UK	12.8	77%	10.5	68%	8.5	68%	11.2	86%
TOTAL	16.6	100%	15.6	100%	12.4	100%	13.0	100%
Argentines								
UK	0.0	0%	0.0	0%	0.0	0%	0.0	0%
EU27	3.2	100%	6.0	100%	4.1	100%	3.9	100%
Norway	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Faroe	0.0	0%	0.0	0%	0.0	0%	0.0	0%
All non-UK	3.2	100%	6.0	100%	4.1	100%	3.9	100%
TOTAL	3.2	100%	6.0	100%	4.1	100%	3.9	100%

### UK EEZ – Industrial Fish – By Species

Table 20 The estimated values of the principal industrial fish landed from the UK EEZ annually from 2015 to 2018 by UK, EU27, Norwegian and Faroese fishing boats, and by all non-UK boats.

		Value (£ million)							
Sandeels	2015		2016		2017		2018		
UK	£0.4	2%	£0.0	1%	£0.3	1%	£0.2	1%	
EU27	£22.3	89%	£4.5	56%	£30.6	96%	£25.7	91%	
Norway	£2.5	10%	£3.5	43%	£0.9	3%	£2.4	9%	
Faroe	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
All non-UK	£24.7	98%	£7.9	99%	£31.6	99%	£28.1	99%	
<b>TOTAL</b>	<b>£25.1</b>	<b>100%</b>	<b>£8.0</b>	<b>100%</b>	<b>£31.8</b>	<b>100%</b>	<b>£28.4</b>	<b>100%</b>	
<b>Norway Pout</b>									
UK	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
EU27	£2.0	61%	£4.8	79%	£1.8	57%	£2.1	62%	
Norway	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
Faroe	£1.3	39%	£1.2	21%	£1.4	43%	£1.3	38%	
All non-UK	£3.2	100%	£6.0	100%	£3.2	100%	£3.5	100%	
<b>TOTAL</b>	<b>£3.2</b>	<b>100%</b>	<b>£6.0</b>	<b>100%</b>	<b>£3.2</b>	<b>100%</b>	<b>£3.5</b>	<b>100%</b>	
<b>Sprat</b>									
UK	£0.7	23%	£1.1	32%	£0.9	37%	£0.5	14%	
EU27	£2.4	77%	£1.1	33%	£1.4	55%	£2.4	78%	
Norway	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
Faroe	£0.0	0%	£1.2	35%	£0.2	8%	£0.2	8%	
All non-UK	£2.4	77%	£2.2	68%	£1.6	63%	£2.7	86%	
<b>TOTAL</b>	<b>£3.1</b>	<b>100%</b>	<b>£3.3</b>	<b>100%</b>	<b>£2.5</b>	<b>100%</b>	<b>£3.1</b>	<b>100%</b>	
<b>Argentines</b>									
UK	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
EU27	£1.3	100%	£2.4	100%	£2.0	100%	£1.7	100%	
Norway	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
Faroe	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
All non-UK	£1.3	100%	£2.4	100%	£2.0	100%	£1.7	100%	
<b>TOTAL</b>	<b>£1.3</b>	<b>100%</b>	<b>£2.4</b>	<b>100%</b>	<b>£2.0</b>	<b>100%</b>	<b>£1.7</b>	<b>100%</b>	

# UK EEZ - Extended Time Series

The data published by the JRC on which this analysis was based (see page 3) cover the years from 2015 to 2018 (the MMO data includes 2014). Data published previously by the JRC covered the years from 2011 to 2016 and formed the basis for previous analyses<sup>1</sup>. In principle, combining the two data series would provide a longer time-series than either alone, covering the eight-year period from 2011 to 2018.

When the two data series were compared (Figure 28) it was found that for landings by UK fishing boats the JRC data for the period from 2011 to 2016 matched closely with the MMO data for 2014 to 2018 during the three years of overlap in the series (2014 to 2016).

However, for landings by EU27 boats there was a significant discrepancy between the 2011-16 and 2015-18 data series during the two years of overlap (2015 and 2016) with the older data series indicating larger landings than the newer series. The discrepancy averaged about 90,000 tonnes across the two years (about 12%). The reasons for this discrepancy are not known, but a large proportion (at least half) appears to be in landings of blue whiting.

While this discrepancy precluded the creation of a single time-series from the two data sets, the year-to-year changes in landings within each data set were used to estimate the cumulative relative changes in landings from 2011 to 2018. These cumulative changes suggest that the total quantity of fish and shellfish landed from the UK EEZ by UK fishing boats increased by about 17% over the eight years from 2011 to 2018 while landings by EU27 boats increased by 61% (Figure 29, Figure 34).

In contrast, while UK boats' landings of demersal fish from the UK EEZ apparently increased by 30% from 2011 to 2018 those of EU27 boats decreased slightly (by 8%) (Figure 30, Figure 34). The largest difference was in landings of pelagic fish from the UK EEZ: While UK boats' landings increased by about 40% over the eight years from 2011 to 2018 there was a two and a half-fold (159%) increase in the landings by EU27 boats (Figure 31, Figure 34).

There was little overall change in the landings of shellfish from the UK EEZ by UK boats from 2011 to 2018, but a small decrease in landings by EU27 boats (Figure 32, Figure 34). In contrast, there was a substantial overall fall (about 75%) in the quantity of industrial fish landed by UK boats (Figure 33, Figure 34). The landings of industrial fish by EU27 boats changed little overall, albeit with some large fluctuations over the eight years.

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<sup>1</sup> See reports available at: <https://www.nafc.uhi.ac.uk/eez-reports>. These data are no longer available online.

### UK EEZ – Extended Time Series – All Fish and Shellfish

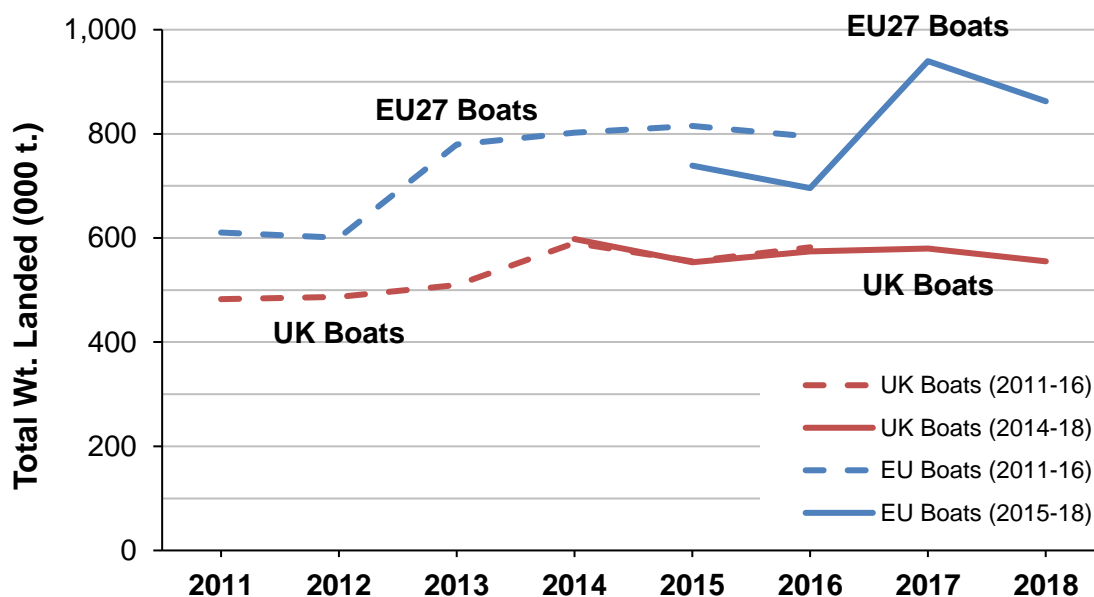


Figure 28 The estimated weights of all the fish and shellfish landed from the UK EEZ by UK and EU27 fishing boats annually from the different data series available.

### UK EEZ – Extended Time Series – All Fish and Shellfish

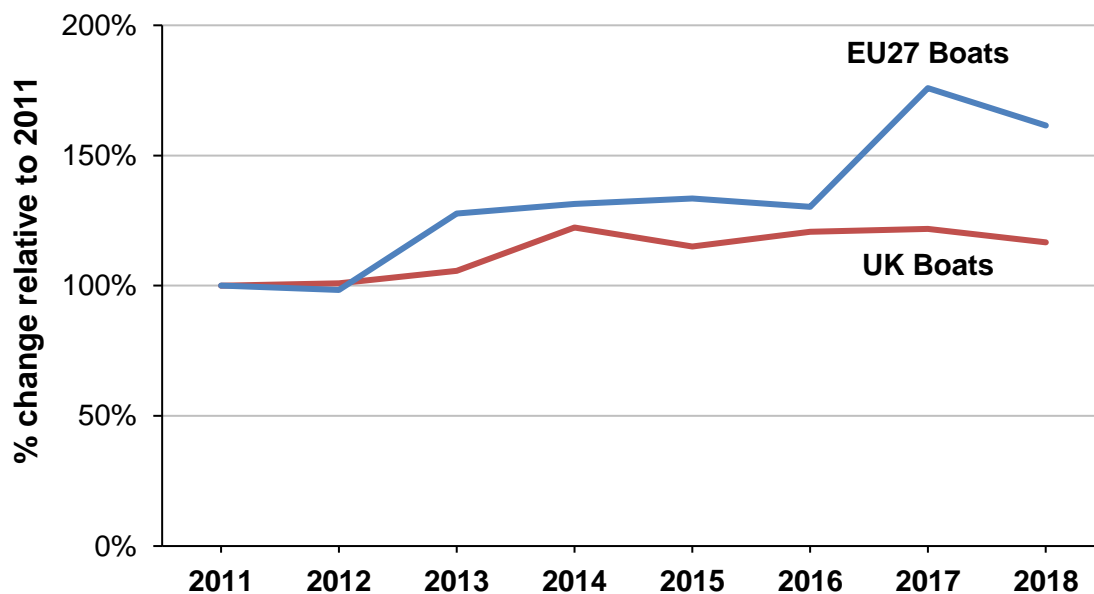


Figure 29 The estimated changes in the weights of all the fish and shellfish landed from the UK EEZ by UK and EU27 fishing boats from 2011 to 2018. (% changes relative to 2011.)



### UK EEZ – Extended Time Series – Demersal Fish

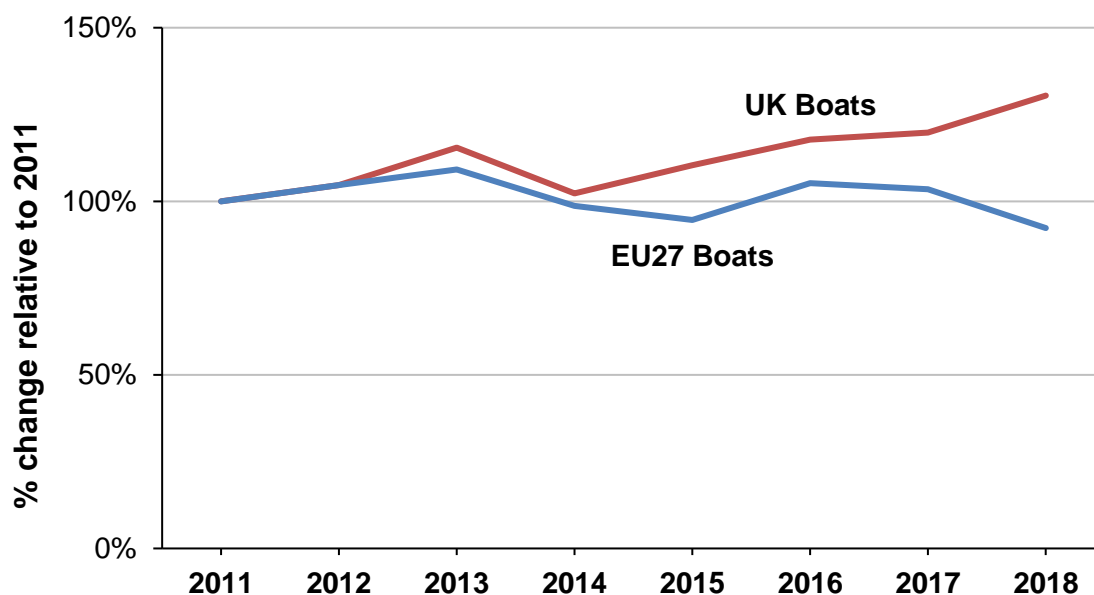


Figure 30 The estimated changes in the weights of the demersal fish shellfish landed from the UK EEZ by UK and EU27 fishing boats from 2011 to 2018. (% changes relative to 2011.)

### UK EEZ – Extended Time Series – Pelagic Fish

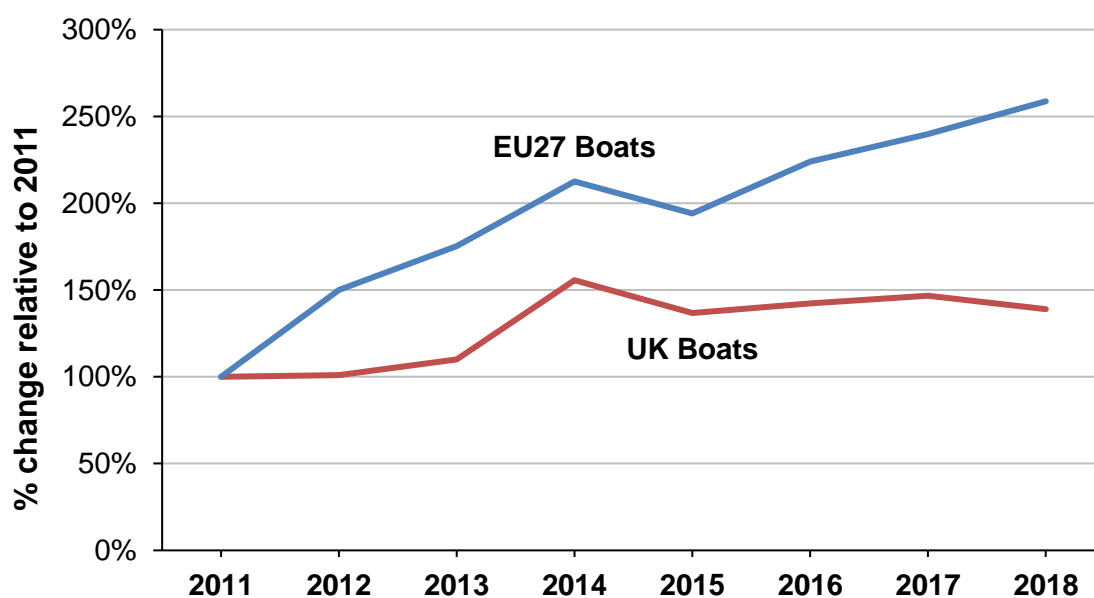


Figure 31 The estimated changes in the weights of the pelagic fish landed from the UK EEZ by UK and EU27 fishing boats from 2011 to 2018. (% changes relative to 2011.)

### UK EEZ – Extended Time Series – Shellfish

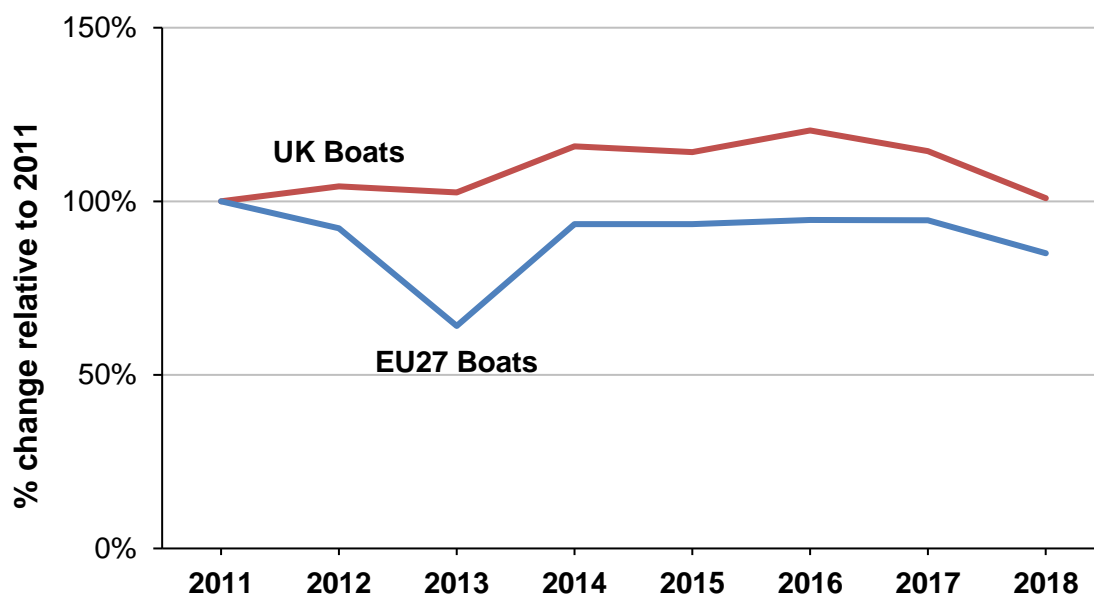


Figure 32 The estimated changes in the weights of the shellfish landed from the UK EEZ by UK and EU27 fishing boats from 2011 to 2018. (% changes relative to 2011.)

### UK EEZ – Extended Time Series – Industrial Fish

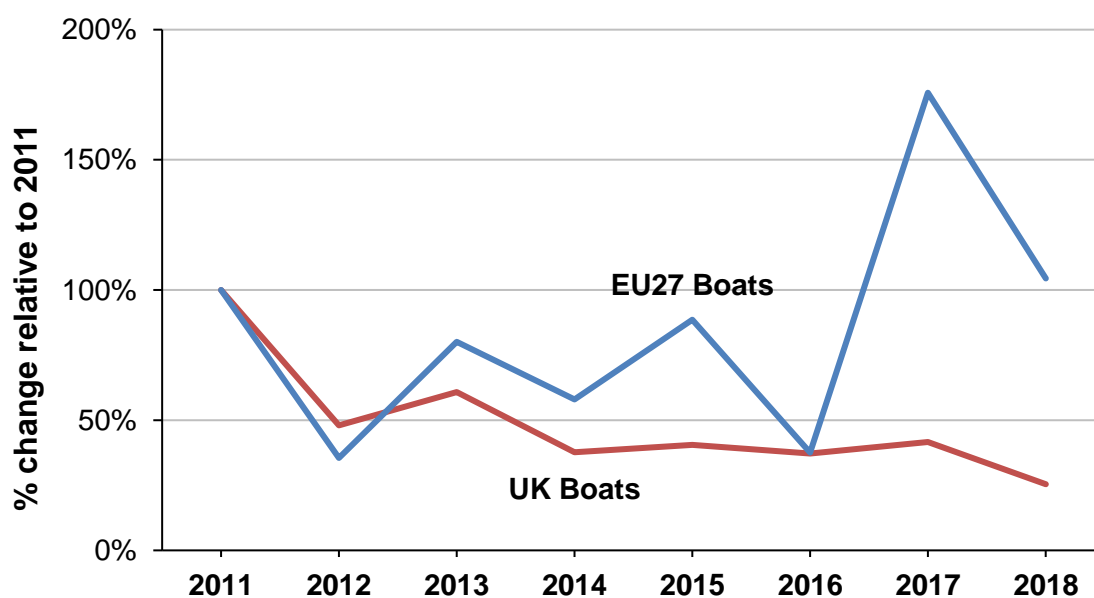


Figure 33 The estimated changes in the weights of the shellfish landed from the UK EEZ by UK and EU27 fishing boats from 2011 to 2018. (% changes relative to 2011.)

## UK EEZ – Extended Time Series

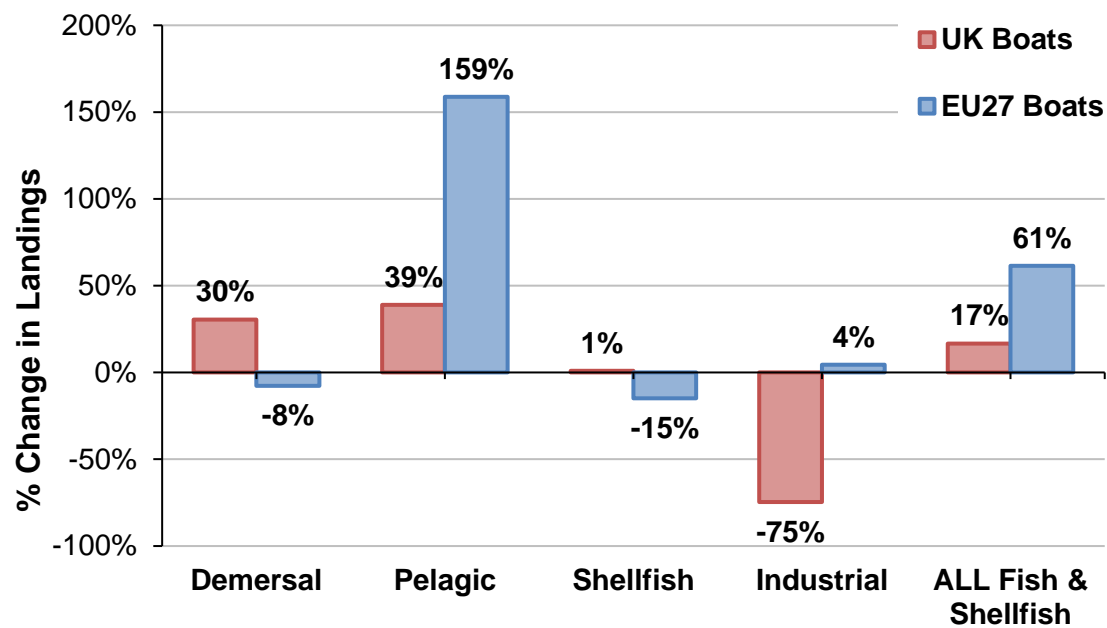


Figure 34 The estimated overall changes from 2011 to 2018 in the weight of demersal fish, pelagic fish, shellfish and industrial fish, and of all fish and shellfish landed from the UK EEZ by UK and EU27 fishing boats. (Cumulative % changes in estimated total weight landed.)

# Landings by UK Fishing Boats

## All Fish and Shellfish

It is estimated that UK fishing boats landed a total of about 700,000 tonnes of fish and shellfish in 2018, worth about £1,000 million (£1.0 billion) (Table 21).

Most of that fish and shellfish – four-fifths of the total – was caught in the UK EEZ (Figure 35); 15% of the total was landed from the EU27 EEZ (9% by value) and 6% from elsewhere. Although not full quantified, it is estimated that at least half of the landings from ‘elsewhere’ were caught in the Norwegian EEZ.

The quantities of fish and shellfish landed by UK fishing boats from the UK EEZ and EU27 EEZs and from elsewhere changed little from 2015 to 2018 (Figure 36, Table 21).

### *UK Boats - All Fish and Shellfish*

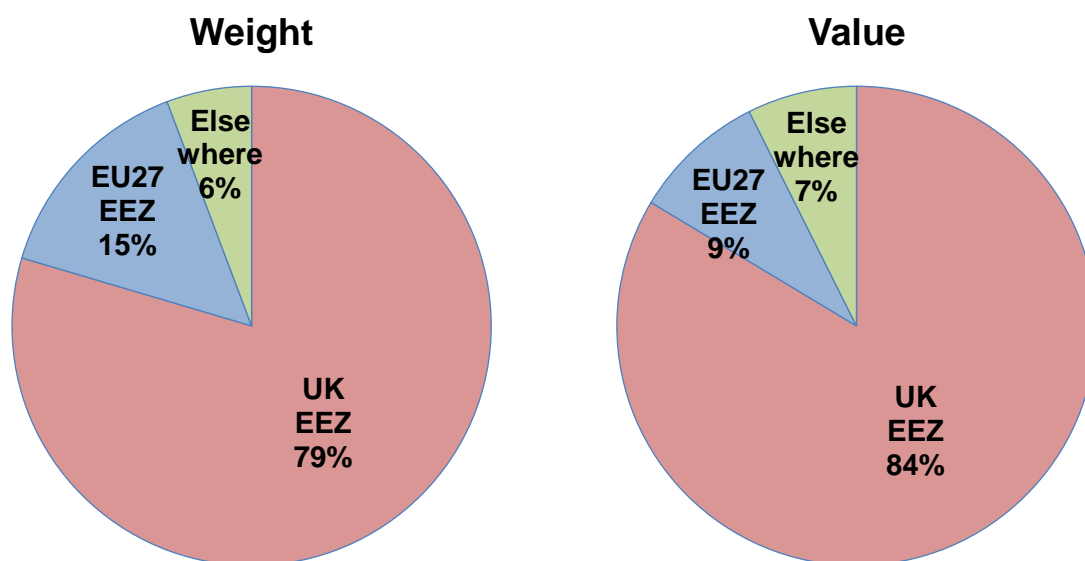


Figure 35 Breakdowns by area of capture all the fish and shellfish landed by UK fishing boats in 2018. (% weights and values from the UK EEZ, EU27 EEZ and elsewhere; see Table 21.)

## UK Boats - All Fish and Shellfish

Table 21 The estimated weights (top) and values (bottom) of all the fish and shellfish landed by UK fishing boats in 2018 from the UK EEZ, the EU27 EEZ and from elsewhere.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK EEZ	553	78%	574	82%	579	80%	555	80%
EU27 EEZ	107	15%	78	11%	92	13%	102	15%
Elsewhere	48	7%	49	7%	53	7%	40	6%
TOTAL	709	100%	701	100%	725	100%	698	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK EEZ	£611	79%	£778	82%	£809	83%	£827	84%
EU27 EEZ	£108	14%	£95	10%	£86	9%	£89	9%
Elsewhere	57	7%	74	8%	84	9%	73	7%
TOTAL	£776	100%	£947	100%	£979	100%	£989	100%

### UK Boats - All Fish and Shellfish

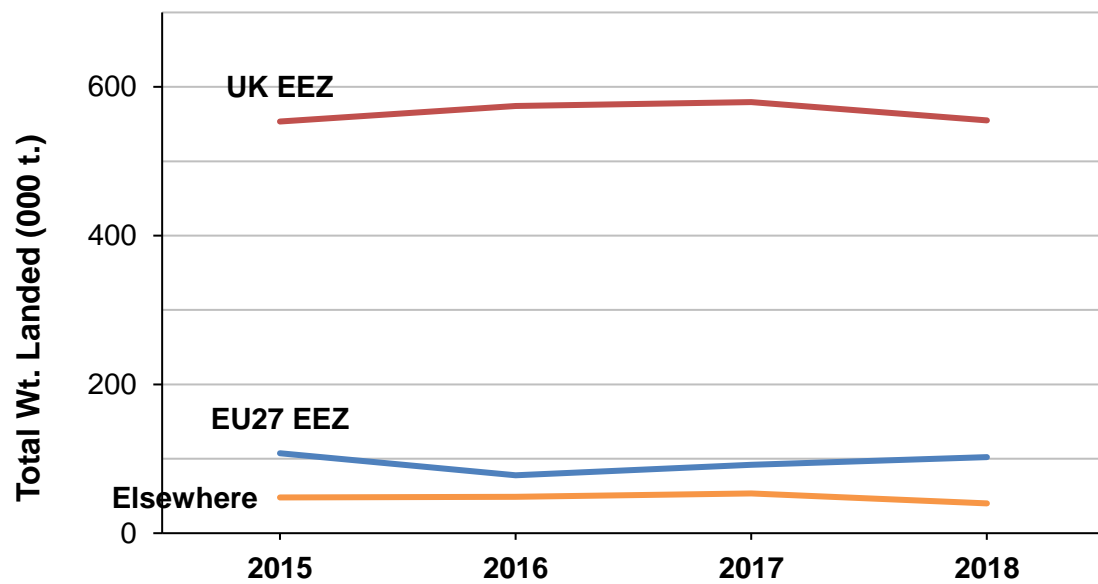


Figure 36 The estimated weights of all the fish and shellfish landed by UK fishing boats annually from 2015 to 2018 from the UK EEZ, the EU27 EEZ and from elsewhere. (See Table 21.)

## **Landings by UK Boats**

### **UK Boats – All Fish and Shellfish by Species Group**

Pelagic fish accounted for just over half of all the fish and shellfish landed by UK fishing boats in 2018 (Figure 37, Table 22). Demersal fish accounted for about one-quarter of the total and shellfish most of the remainder. Landings of industrial species by UK fishing boats were negligible. By value, the landings were more equally divided between the main species groups with shellfish and demersal fish each accounting for just over one-third of the total and pelagic about one-quarter (Figure 37, Table 23)

The breakdown of UK boats' landings from the UK EEZ was very similar to that for all landings (as would be expected given the high proportion of the landings caught in the UK EEZ).

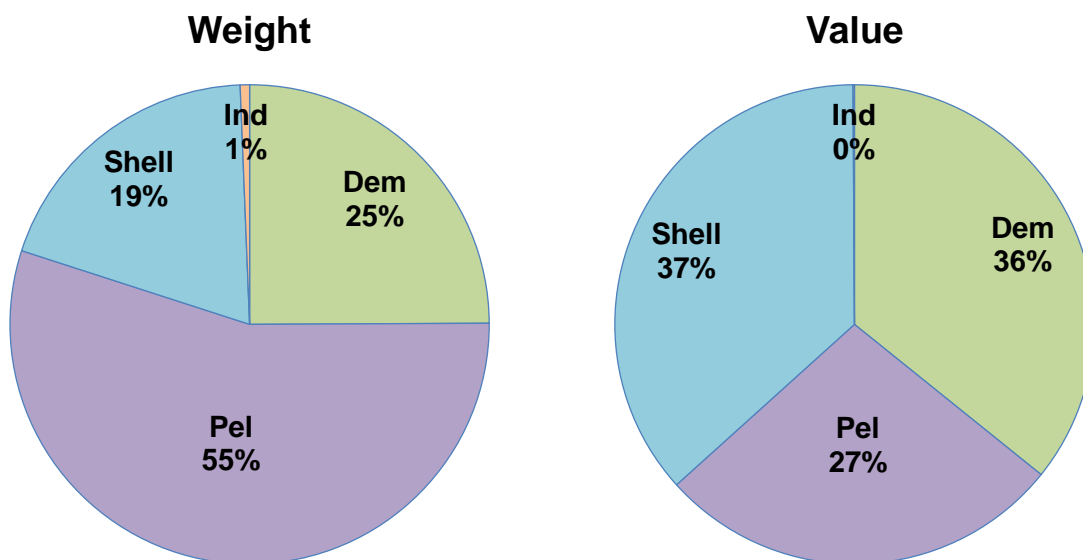
UK boats' landings from the EU27 EEZ were dominated by pelagic fish, which accounted for almost three-quarters of the total weight (Figure 38, Table 22). The remaining landings from the EU27 EEZ were roughly equally split between demersal fish and shellfish. However, by value demersal fish accounted for almost half of UK boats' landings from the EU27 EEZ, shellfish for about one-third and pelagic fish for less than one-quarter (Figure 38, Table 23).

Landings by UK boats from elsewhere (other than the UK or EU27 EEZs) were dominated by demersal fish which accounted for almost three-quarters of the total by weight and just over two-thirds by value (Figure 38, Table 22, Table 23). The balance was roughly equally split between pelagic fish and shellfish by weight, although by value shellfish accounted for almost one-quarter of the total.

Although not full quantified, it is estimated that at least half of UK boats' landings from elsewhere were caught in the EEZ of Norway.

**UK Boats - All Fish and Shellfish**

**UK Boats – Everywhere (2018)**



**UK Boats – UK EEZ (2018)**

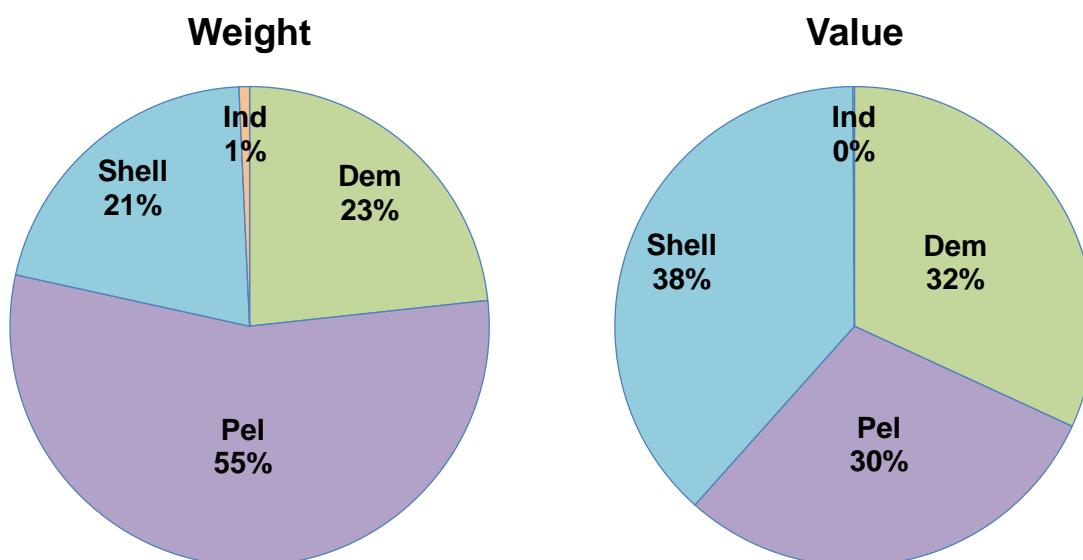
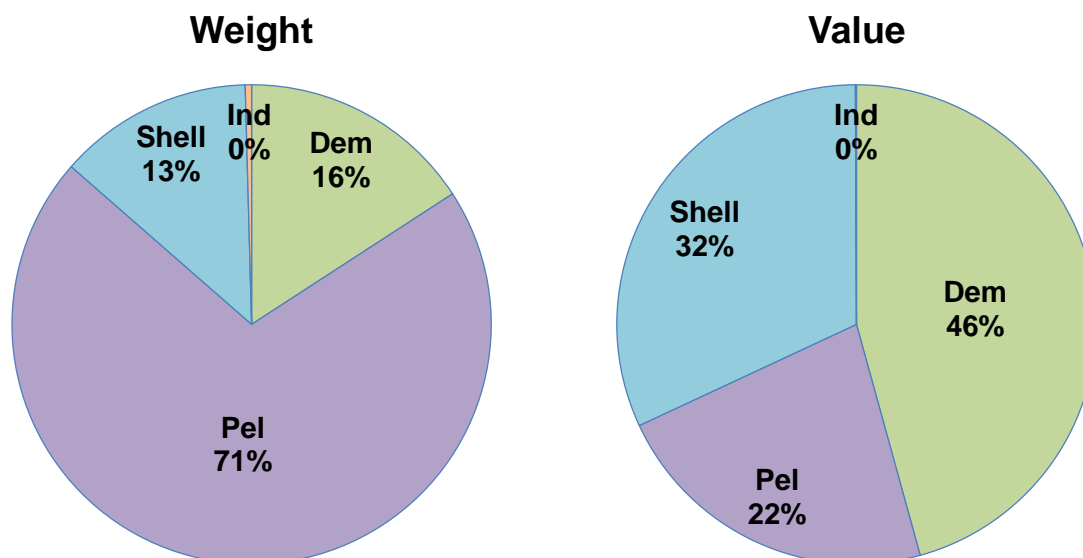


Figure 37 Breakdowns by species group of the fish and shellfish landed by UK fishing boats in 2018 from everywhere (top), from the UK EEZ (bottom). (% weights and values; see Table 22 and Table 23.)



## UK Boats - All Fish and Shellfish

### UK Boats – EU27 EEZ (2018)



### UK Boats – Elsewhere (2018)

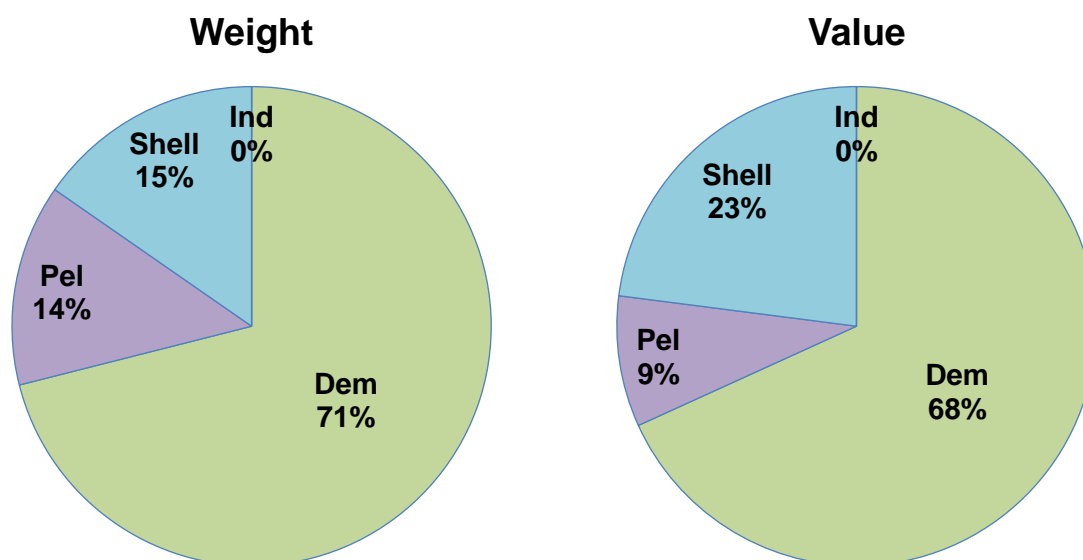


Figure 38 Breakdowns by species group of all the fish and shellfish landed by UK fishing boats in 2018 from the EU27 EEZ (top) and from elsewhere (bottom). (% weights and values; see Table 22 and Table 23.)

### UK Boats - All Fish and Shellfish

Table 22 The estimated weights by species group of the fish and shellfish landed by UK fishing boats annually from 2015 to 2018 from everywhere, from the UK EEZ, from the EU27 EEZ and from elsewhere.

Weight (000 tonnes)									
Everywhere		2015		2016		2017		2018	
Demersal		166	23%	179	26%	178	25%	174	25%
Pelagic		386	54%	365	52%	391	54%	384	55%
Shellfish		150	21%	150	21%	148	20%	135	19%
Industrial		6	1%	6	1%	8	1%	4	1%
TOTAL		709	100%	701	100%	725	100%	698	100%
UK EEZ									
Demersal		109	20%	117	20%	119	20%	129	23%
Pelagic		301	54%	314	55%	323	56%	306	55%
Shellfish		137	25%	138	24%	131	23%	116	21%
Industrial		6	1%	6	1%	6	1%	4	1%
TOTAL		553	100%	574	100%	579	100%	555	100%
EU27 EEZ									
Demersal		25	23%	26	34%	21	23%	16	16%
Pelagic		73	68%	42	54%	58	63%	72	71%
Shellfish		9	8%	10	13%	12	13%	13	13%
Industrial		0	0%	0	0%	1	1%	0	0%
TOTAL		107	100%	78	100%	92	100%	102	100%
Elsewhere									
Demersal		32	67%	37	75%	39	72%	28	71%
Pelagic		11	24%	9	19%	9	18%	5	14%
Shellfish		4	9%	3	5%	5	9%	6	15%
Industrial		0	0%	0	0%	0	1%	0	0%
TOTAL		48	100%	49	100%	53	100%	40	100%

## Landings by UK Boats

### UK Boats - All Fish and Shellfish

Table 23 The estimated values of the fish and shellfish landed by UK fishing boats annually from 2015 to 2018 from everywhere, from the UK EEZ, from the EU27 EEZ and from elsewhere.

		Value (£ million)							
Everywhere	2015		2016		2017		2018		
Demersal	£293	38%	£346	37%	£354	36%	£354	36%	
Pelagic	£206	27%	£260	27%	£256	26%	£272	28%	
Shellfish	£276	36%	£339	36%	£368	38%	£362	37%	
Industrial	£1	0%	£1	0%	£2	0%	£1	0%	
<b>TOTAL</b>	<b>£776</b>	<b>100%</b>	<b>£947</b>	<b>100%</b>	<b>£979</b>	<b>100%</b>	<b>£989</b>	<b>100%</b>	
<b>UK EEZ</b>									
Demersal	£193	32%	£229	29%	£241	30%	£263	32%	
Pelagic	£159	26%	£238	31%	£236	29%	£246	30%	
Shellfish	£257	42%	£310	40%	£330	41%	£317	38%	
Industrial	£1	0%	£1	0%	£1	0%	£1	0%	
<b>TOTAL</b>	<b>£611</b>	<b>100%</b>	<b>£778</b>	<b>100%</b>	<b>£809</b>	<b>100%</b>	<b>£827</b>	<b>100%</b>	
<b>EU27 EEZ</b>									
Demersal	£53	49%	£60	63%	£46	53%	£41	46%	
Pelagic	£39	36%	£15	16%	£14	16%	£20	22%	
Shellfish	£16	15%	£20	21%	£26	30%	£28	32%	
Industrial	£0	0%	£0	0%	£0	0%	£0	0%	
<b>TOTAL</b>	<b>£108</b>	<b>100%</b>	<b>£95</b>	<b>100%</b>	<b>£86</b>	<b>100%</b>	<b>£89</b>	<b>100%</b>	
<b>Elsewhere</b>									
Demersal	£46	81%	£58	78%	£67	79%	£50	68%	
Pelagic	£8	13%	£7	9%	£6	7%	£6	9%	
Shellfish	£3	6%	£9	13%	£11	14%	£17	23%	
Industrial	£0	0%	£0	0%	£0	0%	£0	0%	
<b>TOTAL</b>	<b>£57</b>	<b>100%</b>	<b>£74</b>	<b>100%</b>	<b>£84</b>	<b>100%</b>	<b>£73</b>	<b>100%</b>	

### UK Boats – All Fish and Shellfish by EU27 EEZ

Of the fish and shellfish landed by UK boats from the EU27, it is estimated that more than three-quarters was caught in the EEZ of Ireland in 2018 (Figure 36, Table 24). Landings from the Irish EEZ accounted for more than half of the total by value.

Of the balance, most was caught in the EEZ of France, followed by those of Denmark, Germany and the Netherlands. Landings from the EEZs of other EU member states were negligible.

### *UK Boats - All Fish and Shellfish*

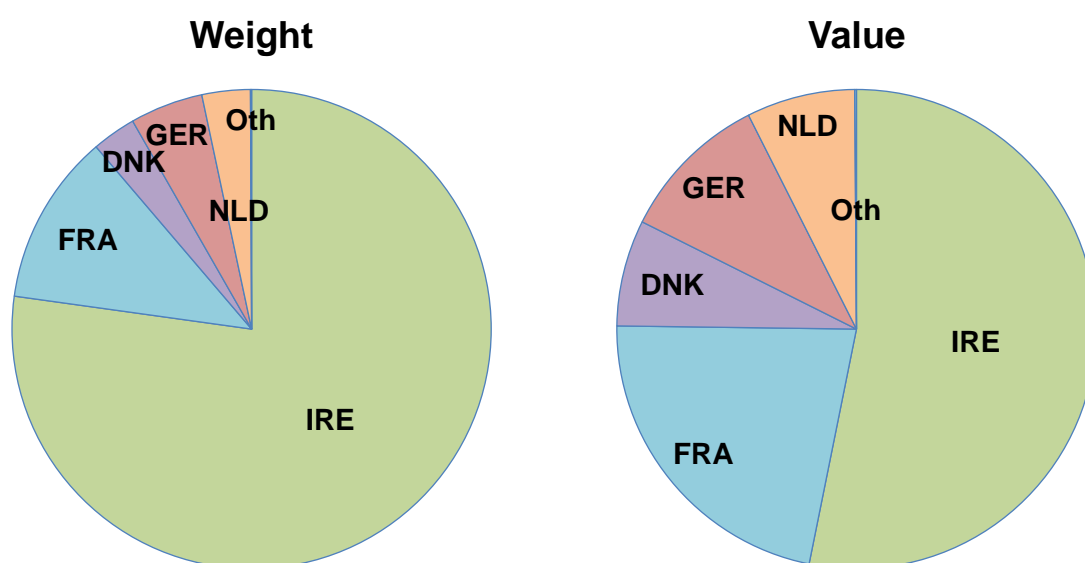


Figure 39 Breakdowns by the EEZ of capture of all the fish and shellfish landed by UK fishing boats from the EU27 EEZ in 2018. (% weight and value; see Table 24.)

## UK Boats - All Fish and Shellfish

Table 24 The estimated weights of all the fish and shellfish landed by UK fishing boats from the EU27 EEZ annually from 2015 to 2018 by the EEZ of capture.

Weight (000 tonnes)								
EEZ	2015		2016		2017		2018	
Ireland	78.0	73%	51.3	66%	68.8	75%	79.1	77%
France	15.9	15%	11.3	15%	10.0	11%	11.8	12%
Denmark	5.5	5%	6.5	8%	5.0	5%	3.0	3%
Germany	3.9	4%	4.4	6%	4.3	5%	5.0	5%
Netherlands	4.1	4%	4.1	5%	4.0	4%	3.3	3%
Other	0.1	0%	0.1	0%	0.1	0%	0.1	0%
TOTAL EU27	107.5	100%	77.9	100%	92.0	100%	102.4	100%

Value (£ million)								
EEZ	2015		2016		2017		2018	
Ireland	£68.7	64%	£51.2	54%	£45.1	52%	£47.3	53%
France	£17.7	16%	£16.9	18%	£18.8	22%	£19.6	22%
Denmark	£8.5	8%	£11.3	12%	£7.2	8%	£6.4	7%
Germany	£6.2	6%	£8.0	8%	£7.9	9%	£9.1	10%
Netherlands	£6.6	6%	£7.3	8%	£7.2	8%	£6.5	7%
Other	£0.2	0%	£0.3	0%	£0.1	0%	£0.1	0%
TOTAL EU27	£108.0	100%	£95.0	100%	£86.4	100%	£89.0	100%

### UK Boats - Demersal Fish

*‘Demersal’ fish (also known as ‘whitefish’) are predominantly bottom-living species which include cod, haddock, monks, plaice, sole and other similar species.*

An estimated 174,000 tonnes of demersal fish, worth some £350 million, were landed by UK fishing boats in 2018 (Table 25).

Three-quarters of the demersal fish landed by UK boats were caught in the UK EEZ in 2018 (Figure 40). Of the balance, more was caught elsewhere than in the EU27 EEZ. Although it has not been fully quantified it is estimated that at least half of the demersal fish landed from ‘elsewhere’ were caught in the EEZ of Norway.

There was a substantial increase in UK boats’ landings of demersal fish from the UK EEZ from 2015 to 2018 and a decrease in their landings from the EU27 EEZ over the same period (Figure 41, Figure 42). There was also a small decrease in the weight of landings by UK boats from elsewhere, although their value increased.

As a result, the proportion of UK boats’ landings of demersal fish that was caught in the UK EEZ increased over the period, especially after 2017, while the proportion caught in the EU27 EEZ fell substantially (Figure 43, Figure 44). The proportion caught elsewhere also fell, by a smaller amount.

## Landings by UK Boats

### UK Boats - Demersal Fish

Table 25 The estimated weights (top) and values (bottom) of the demersal fish landed by UK fishing boats in 2018 from the UK EEZ, the EU27 EEZ and from elsewhere.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK EEZ	109	66%	117	65%	119	67%	129	74%
EU27 EEZ	25	15%	26	15%	21	12%	16	9%
Elsewhere	32	19%	37	20%	39	22%	28	16%
TOTAL	166	100%	179	100%	178	100%	174	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK EEZ	£193	66%	£229	66%	£241	68%	£263	74%
EU27 EEZ	£53	18%	£60	17%	£46	13%	£41	11%
Elsewhere	£46	16%	£58	17%	£67	19%	£50	14%
TOTAL	£293	100%	£346	100%	£354	100%	£354	100%

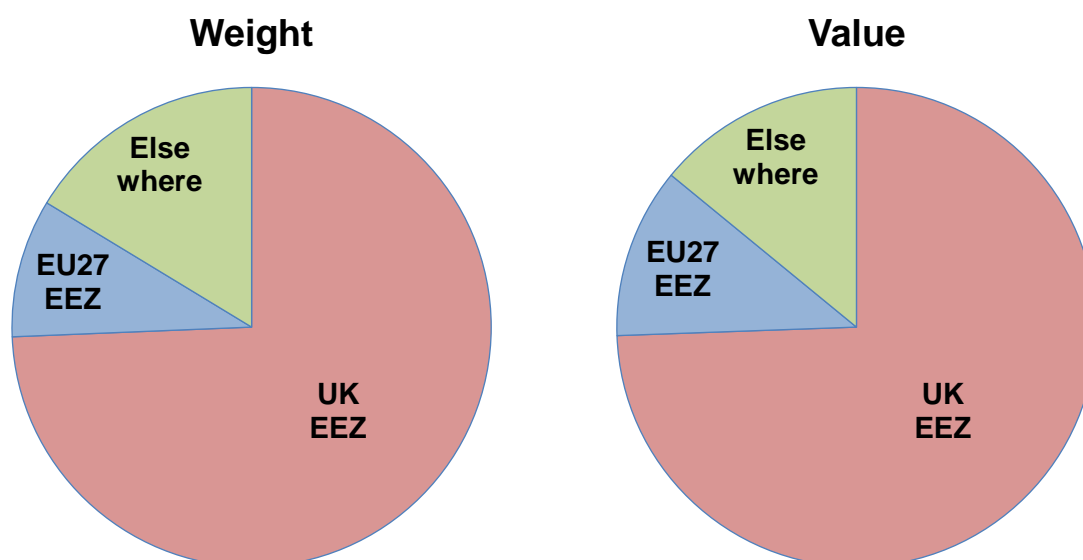


Figure 40 Breakdowns by area of capture of the demersal fish landed by UK fishing boats in 2018. (% weights and values from the UK EEZ, EU27 EEZ and elsewhere; see Table 25.)

## UK Boats - Demersal Fish –Weight of Landings

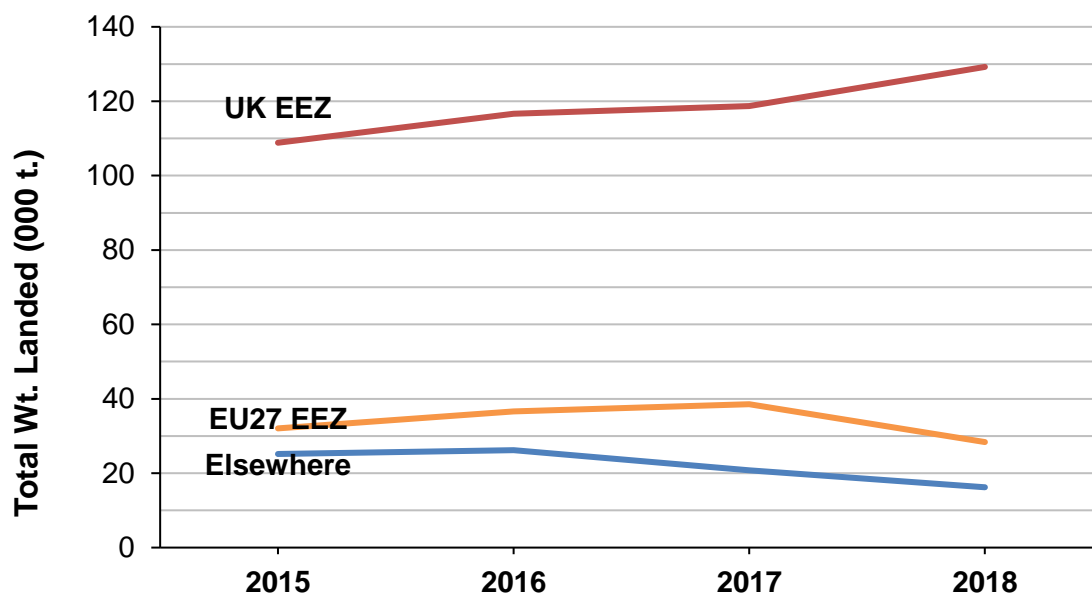


Figure 41 The estimated weights of the demersal fish landed annually by UK fishing boats from 2015 to 2018 from the UK EEZ, the EU27 EEZ and from elsewhere. (See Table 25.)

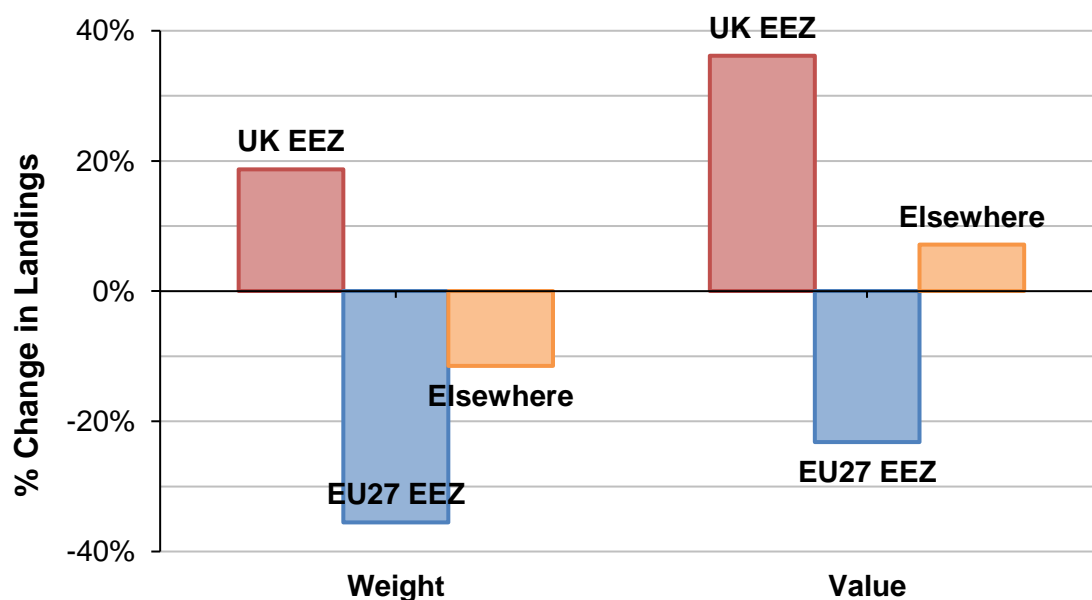


Figure 42 Percentage changes from 2015 to 2018 in the weights and values of the demersal fish landed by UK fishing boats from the UK EEZ, from the EU27 EEZ and from elsewhere.



## UK Boats - Demersal Fish – Share of Landings

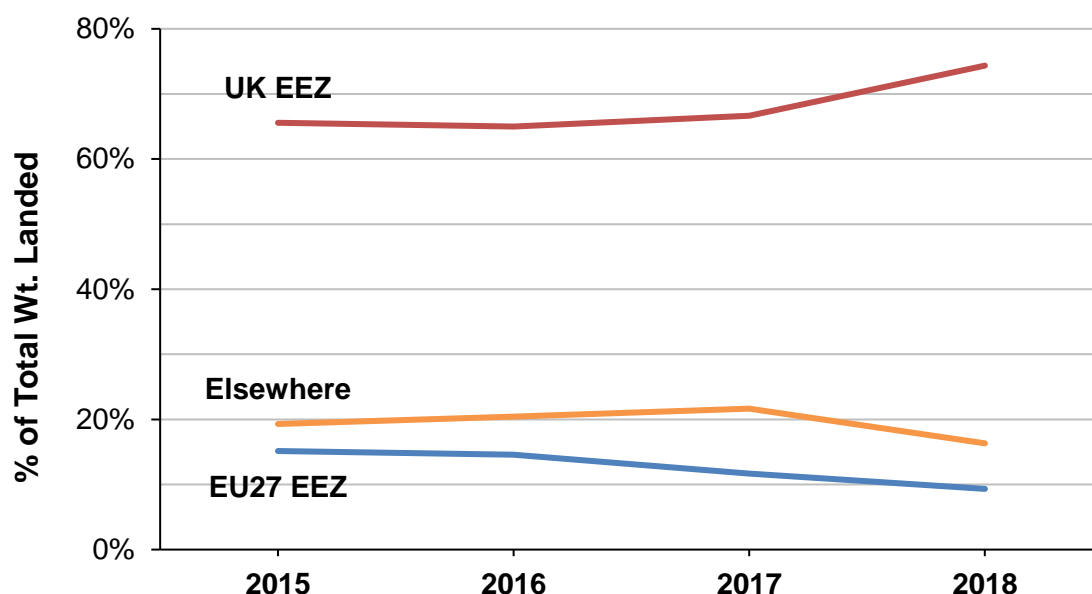


Figure 43 Trends from 2015 to 2018 in the proportions of the demersal fish landed by UK fishing boats from the UK EEZ, the EU27 EEZ and from elsewhere. (% of estimated total weight landed; see Table 25.)

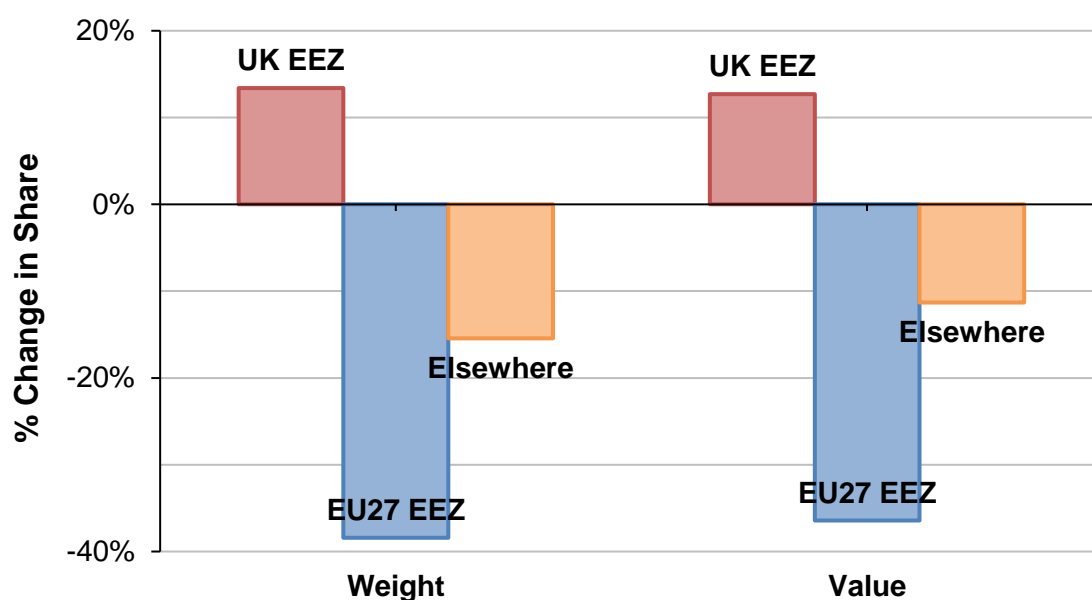


Figure 44 Percentage changes from 2015 to 2018 in the proportions of the weights and values of the demersal fish landed by UK fishing boats from the UK EEZ, from the EU27 EEZ and from elsewhere. (% changes in shares of estimated total weights and values landed.)

### UK Boats – Demersal Fish - Landings by EU27 EEZ

It is estimated that half of the demersal fish landed by UK boats from the EU27 EEZ in 2018, or more than half by value, was caught in the Irish EEZ (Figure 45, Table 26).

Landings from the Danish and Dutch EEZs accounted for the largest proportions of the balance, with smaller proportions from the EEZs of France and Germany.

#### *UK Boats - Demersal Fish*

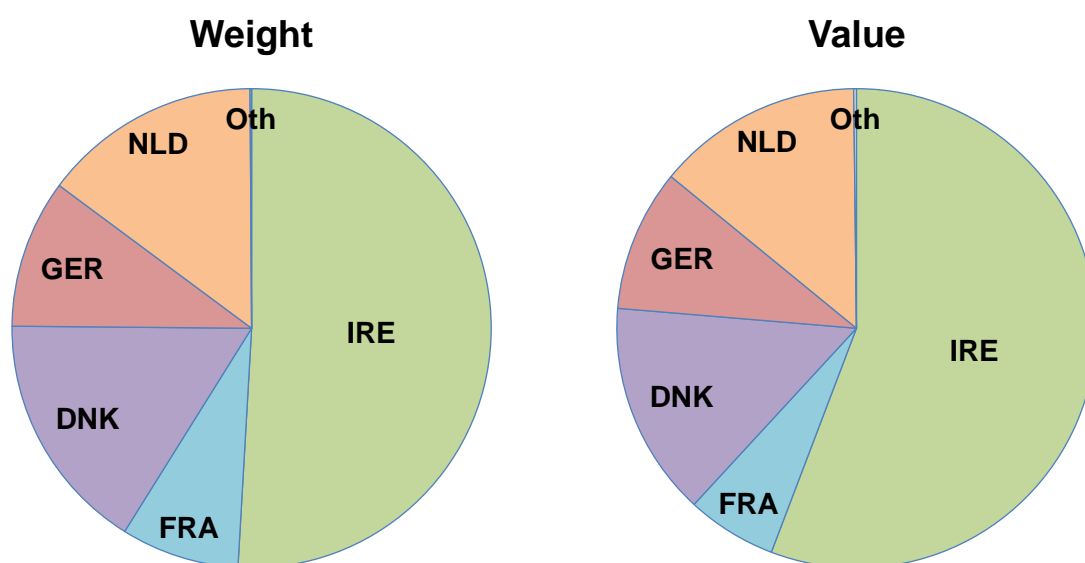


Figure 45 Breakdowns by the EEZ of capture of the demersal fish landed by UK fishing boats from the EU27 EEZ in 2018 (% weight and value; see Table 26.)

## Landings by UK Boats

### UK Boats - Demersal Fish - Landings by EEZ

Table 26 The estimated weights (top) and values (bottom) of the demersal fish landed by UK fishing boats from the EU27 EEZ annually from 2015 to 2018 by the EEZ of capture.

Weight (000 tonnes)								
EEZ	2015		2016		2017		2018	
Ireland	10.6	42%	11.1	43%	9.8	47%	8.3	51%
France	2.5	10%	2.1	8%	1.6	8%	1.3	8%
Denmark	5.4	21%	6.3	24%	3.7	18%	2.6	16%
Germany	2.8	11%	2.9	11%	2.2	11%	1.6	10%
Netherlands	3.7	15%	3.8	14%	3.5	17%	2.4	15%
Other	0.0	0%	0.1	0%	0.0	0%	0.0	0%
TOTAL EU27	25.1	100%	26.2	100%	20.8	100%	16.2	100%

Value (£ million)								
EEZ	2015		2016		2017		2018	
Ireland	£28.2	53%	£30.8	52%	£25.1	54%	£22.7	56%
France	£5.5	10%	£5.8	10%	£3.9	9%	£2.5	6%
Denmark	£8.4	16%	£10.8	18%	£6.6	14%	£5.9	14%
Germany	£4.7	9%	£5.5	9%	£4.3	9%	£3.9	10%
Netherlands	£6.0	11%	£6.6	11%	£6.2	13%	£5.7	14%
Other	£0.2	0%	£0.2	0%	£0.1	0%	£0.1	0%
TOTAL EU27	£53.0	100%	£59.7	100%	£46.2	100%	£40.7	100%

### UK Boats – Demersal Fish – Landings by Species

The principal species of demersal fish landed by UK fishing boats in 2018 included haddock, cod, monks, plaice, hake, saithe, whiting and ling (Figure 46, Table 27, Table 28).

For most of these species the majority of the fish landed by UK boats – in some cases the vast majority – were caught in the UK EEZ (Figure 47).

UK boats' landings of demersal species from the EU27 EEZ in 2018 were dominated by plaice and monks, which accounted for more than half of the total, and to a lesser extent by hake and megrim which accounted for a further one-quarter (Figure 48, Table 29). Roughly equal proportions of the plaice landed from the EU27 EEZ were caught in the EEZs of Denmark, Germany and the Netherlands (Figure 49). Most of the monks, megrim and hake were caught in the EEZ of Ireland, with most of the balance in the EEZ of France.

Significant proportions of the cod landed by UK fishing boats in 2018, and to a lesser extent of the haddock, hake and saithe, were caught elsewhere (not in the UK or EU27 EEZs) (Figure 47). Although not quantified, it is estimated that at least half of these cod, and three-quarters or more of the haddock, saithe and hake, were caught in the EEZ of Norway.

## UK Boats - Demersal Fish

### UK Boats – Everywhere (2018)

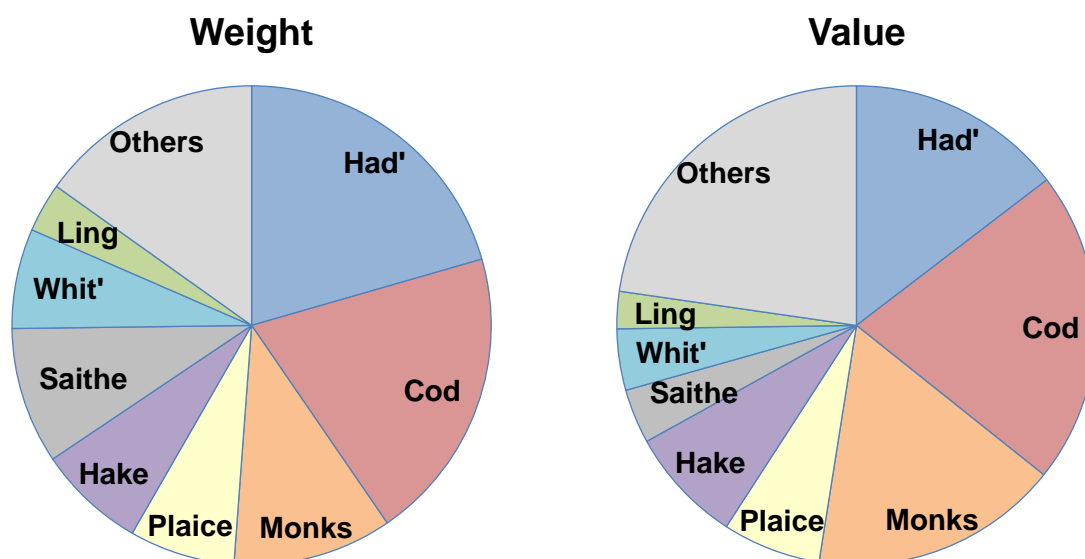


Figure 46 Breakdowns by species of the principal demersal fish landed by UK fishing boats in 2018 (from everywhere). (% weights and values; see Table 27 and Table 28.)

### UK Boats - Demersal Fish - Landings by Species

Table 27 The estimated weights of the principal demersal fish landed by UK fishing boats annually from 2015 to 2018 from the UK and EU27 EEZs and from elsewhere.

Weight (000 tonnes)						
Haddock	2015		2016		2017	
UK EEZ	25.4	76%	25.8	76%	27.0	79%
EU27 EEZ	0.5	1%	0.6	2%	0.6	2%
Elsewhere	7.4	22%	7.6	22%	6.7	19%
<b>TOTAL</b>	<b>33.3</b>	<b>100%</b>	<b>34.0</b>	<b>100%</b>	<b>34.3</b>	<b>100%</b>
<b>Cod</b>						
UK EEZ	12.5	44%	14.3	42%	15.6	41%
EU27 EEZ	0.3	1%	0.3	1%	0.1	0%
Elsewhere	15.6	55%	19.6	57%	22.7	59%
<b>TOTAL</b>	<b>28.3</b>	<b>100%</b>	<b>34.1</b>	<b>100%</b>	<b>38.4</b>	<b>100%</b>
<b>Monks</b>						
UK EEZ	13.8	76%	15.2	74%	15.5	77%
EU27 EEZ	3.8	21%	4.5	22%	4.1	20%
Elsewhere	0.5	3%	0.8	4%	0.6	3%
<b>TOTAL</b>	<b>18.2</b>	<b>100%</b>	<b>20.4</b>	<b>100%</b>	<b>20.1</b>	<b>100%</b>
<b>Plaice</b>						
UK EEZ	7.3	39%	8.4	40%	8.3	47%
EU27 EEZ	10.5	55%	11.4	54%	8.1	46%
Elsewhere	1.1	6%	1.5	7%	1.2	7%
<b>TOTAL</b>	<b>18.9</b>	<b>100%</b>	<b>21.2</b>	<b>100%</b>	<b>17.7</b>	<b>100%</b>
<b>Hake</b>						
UK EEZ	6.9	54%	9.1	64%	10.0	68%
EU27 EEZ	3.8	30%	3.2	23%	2.6	18%
Elsewhere	2.0	16%	2.0	14%	2.2	15%
<b>TOTAL</b>	<b>12.7</b>	<b>100%</b>	<b>14.3</b>	<b>100%</b>	<b>14.7</b>	<b>100%</b>
<b>Saithe</b>						
UK EEZ	10.3	79%	9.7	78%	9.6	81%
EU27 EEZ	0.1	0%	0.1	1%	0.0	0%
Elsewhere	2.6	20%	2.6	21%	2.2	19%
<b>TOTAL</b>	<b>13.0</b>	<b>100%</b>	<b>12.4</b>	<b>100%</b>	<b>11.8</b>	<b>100%</b>
<b>Whiting</b>						
UK EEZ	10.1	88%	9.6	90%	9.3	90%
EU27 EEZ	0.4	3%	0.2	2%	0.2	2%
Elsewhere	1.0	9%	0.9	8%	0.8	8%
<b>TOTAL</b>	<b>11.4</b>	<b>100%</b>	<b>10.7</b>	<b>100%</b>	<b>10.3</b>	<b>100%</b>
<b>Ling</b>						
UK EEZ	3.9	85%	4.7	86%	5.1	89%
EU27 EEZ	0.4	9%	0.4	8%	0.3	5%
Elsewhere	0.3	6%	0.3	6%	0.3	5%
<b>TOTAL</b>	<b>4.6</b>	<b>100%</b>	<b>5.4</b>	<b>100%</b>	<b>5.7</b>	<b>100%</b>

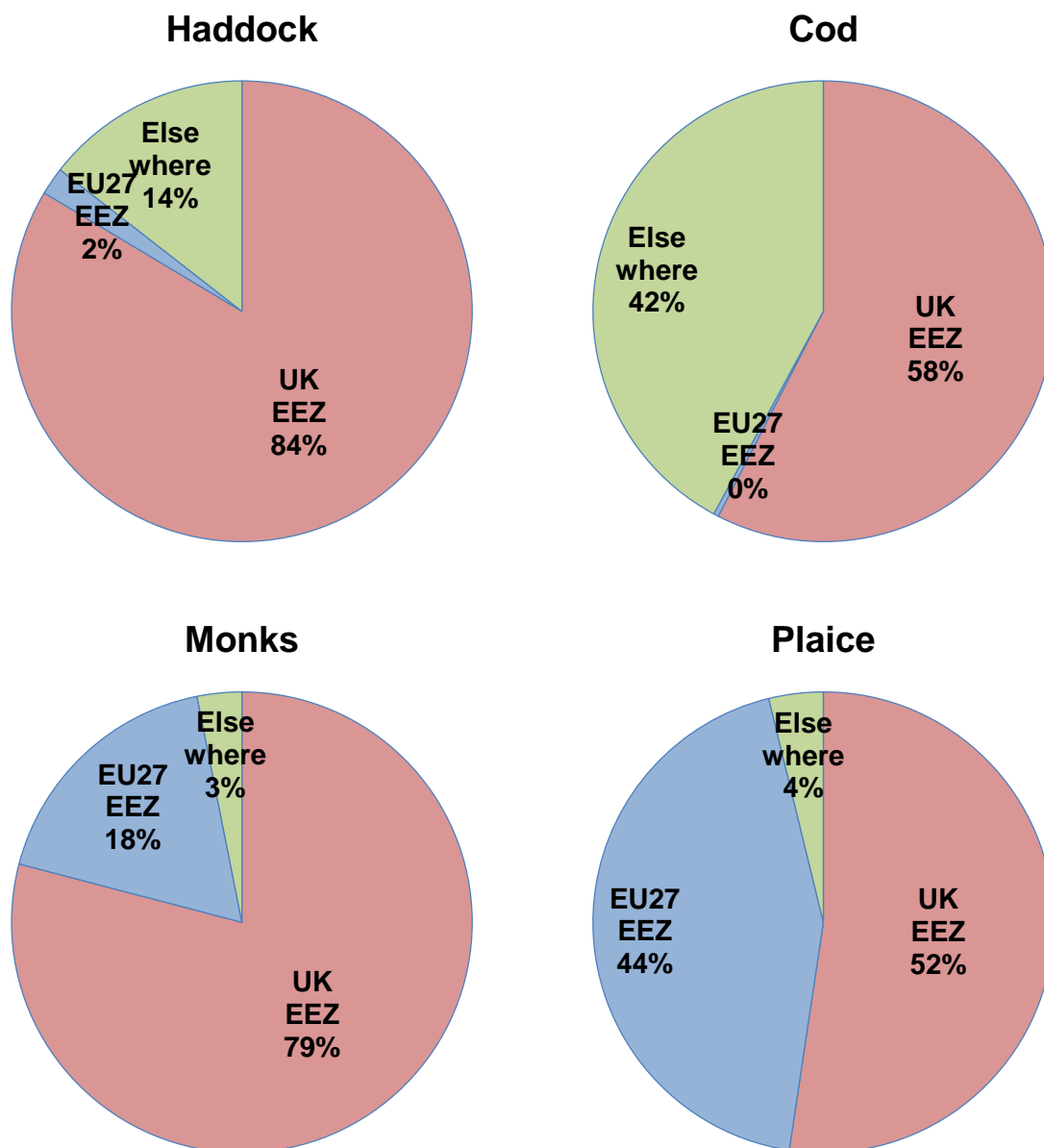
# Landings by UK Boats

## UK Boats - Demersal Fish - Landings by Species

Table 28 The estimated values of the principal demersal fish landed by UK fishing boats annually from 2015 to 2018 from the UK and EU27 EEZs and from elsewhere.

		Value (£ million)							
Haddock	2015		2016		2017		2018		
UK EEZ	£34.1	75%	£33.0	73%	£39.3	76%	£42.2	82%	
EU27 EEZ	£0.6	1%	£0.8	2%	£1.0	2%	£1.0	2%	
Elsewhere	£10.5	23%	£11.2	25%	£11.1	22%	£8.6	17%	
<b>TOTAL</b>	<b>£45.1</b>	<b>100%</b>	<b>£45.0</b>	<b>100%</b>	<b>£51.5</b>	<b>100%</b>	<b>£51.7</b>	<b>100%</b>	
<b>Cod</b>									
UK EEZ	£24.0	49%	£29.8	48%	£35.7	46%	£46.5	62%	
EU27 EEZ	£0.6	1%	£0.6	1%	£0.4	0%	£0.3	0%	
Elsewhere	£24.6	50%	£32.2	51%	£41.8	54%	£27.9	37%	
<b>TOTAL</b>	<b>£49.1</b>	<b>100%</b>	<b>£62.6</b>	<b>100%</b>	<b>£77.9</b>	<b>100%</b>	<b>£74.7</b>	<b>100%</b>	
<b>Monks</b>									
UK EEZ	£33.2	71%	£43.0	72%	£44.8	76%	£46.1	78%	
EU27 EEZ	£12.0	26%	£14.5	24%	£12.1	21%	£11.6	19%	
Elsewhere	£1.4	3%	£2.5	4%	£1.7	3%	£1.7	3%	
<b>TOTAL</b>	<b>£46.7</b>	<b>100%</b>	<b>£60.0</b>	<b>100%</b>	<b>£58.6</b>	<b>100%</b>	<b>£59.4</b>	<b>100%</b>	
<b>Plaice</b>									
UK EEZ	£8.5	38%	£10.5	37%	£11.2	46%	£12.4	53%	
EU27 EEZ	£12.9	57%	£15.9	56%	£11.5	47%	£10.1	43%	
Elsewhere	£1.2	5%	£1.9	7%	£1.7	7%	£1.0	4%	
<b>TOTAL</b>	<b>£22.5</b>	<b>100%</b>	<b>£28.3</b>	<b>100%</b>	<b>£24.5</b>	<b>100%</b>	<b>£23.5</b>	<b>100%</b>	
<b>Hake</b>									
UK EEZ	£17.7	60%	£23.0	68%	£22.4	70%	£19.6	71%	
EU27 EEZ	£9.0	31%	£7.8	23%	£5.5	17%	£4.2	15%	
Elsewhere	£2.6	9%	£3.1	9%	£3.9	12%	£3.9	14%	
<b>TOTAL</b>	<b>£29.4</b>	<b>100%</b>	<b>£33.9</b>	<b>100%</b>	<b>£31.8</b>	<b>100%</b>	<b>£27.7</b>	<b>100%</b>	
<b>Saithe</b>									
UK EEZ	£9.2	78%	£10.0	78%	£9.4	80%	£10.8	83%	
EU27 EEZ	£0.1	0%	£0.1	1%	£0.0	0%	£0.0	0%	
Elsewhere	£2.5	21%	£2.8	22%	£2.3	19%	£2.1	17%	
<b>TOTAL</b>	<b>£11.8</b>	<b>100%</b>	<b>£12.8</b>	<b>100%</b>	<b>£11.7</b>	<b>100%</b>	<b>£13.0</b>	<b>100%</b>	
<b>Whiting</b>									
UK EEZ	£10.2	88%	£10.0	89%	£11.4	90%	£13.8	94%	
EU27 EEZ	£0.3	3%	£0.3	2%	£0.2	1%	£0.1	1%	
Elsewhere	£1.1	9%	£1.0	9%	£1.1	9%	£0.8	5%	
<b>TOTAL</b>	<b>£11.6</b>	<b>100%</b>	<b>£11.2</b>	<b>100%</b>	<b>£12.7</b>	<b>100%</b>	<b>£14.6</b>	<b>100%</b>	
<b>Ling</b>									
UK EEZ	£5.0	85%	£6.7	86%	£8.4	90%	£8.3	93%	
EU27 EEZ	£0.6	10%	£0.6	8%	£0.4	5%	£0.1	1%	
Elsewhere	£0.3	5%	£0.5	6%	£0.5	5%	£0.5	5%	
<b>TOTAL</b>	<b>£5.9</b>	<b>100%</b>	<b>£7.8</b>	<b>100%</b>	<b>£9.3</b>	<b>100%</b>	<b>£8.9</b>	<b>100%</b>	

## UK Boats - Demersal Fish – By Species



cont./

Figure 47 Breakdowns by area of capture of the principal demersal fish species landed by UK fishing boats in 2018. (% weights from the UK EEZ, EU27 EEZ and elsewhere; see Table 27.)



## UK Boats - Demersal Fish – By Species

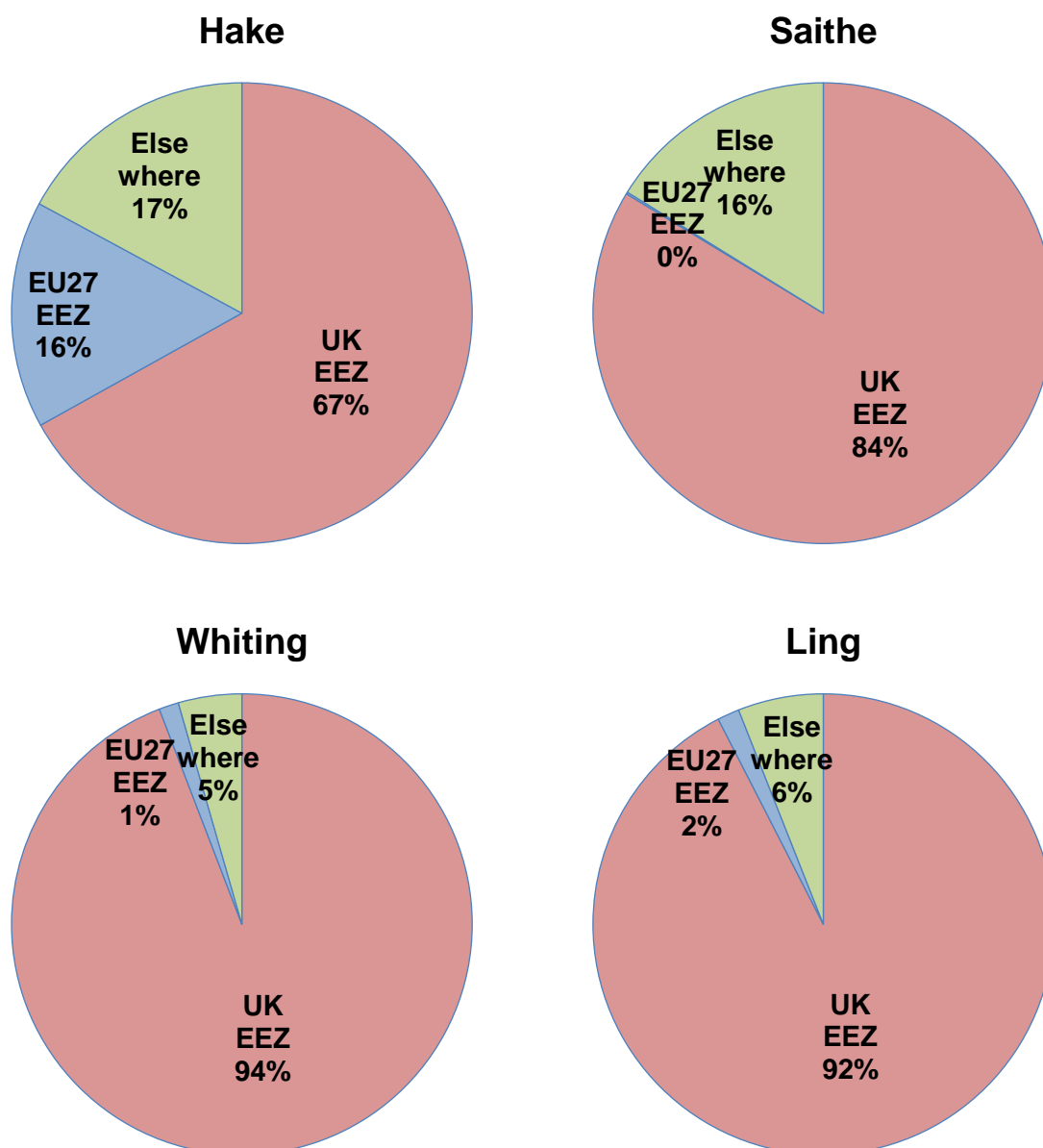


Figure 47 (cont.) Breakdowns by area of capture of the principal demersal fish species landed by UK fishing boats in 2018. (% weights from the UK EEZ, EU27 EEZ and elsewhere; see Table 27.)

## UK Boats - Demersal Fish – By Species

### UK Boats - EU27 EEZ (2018)

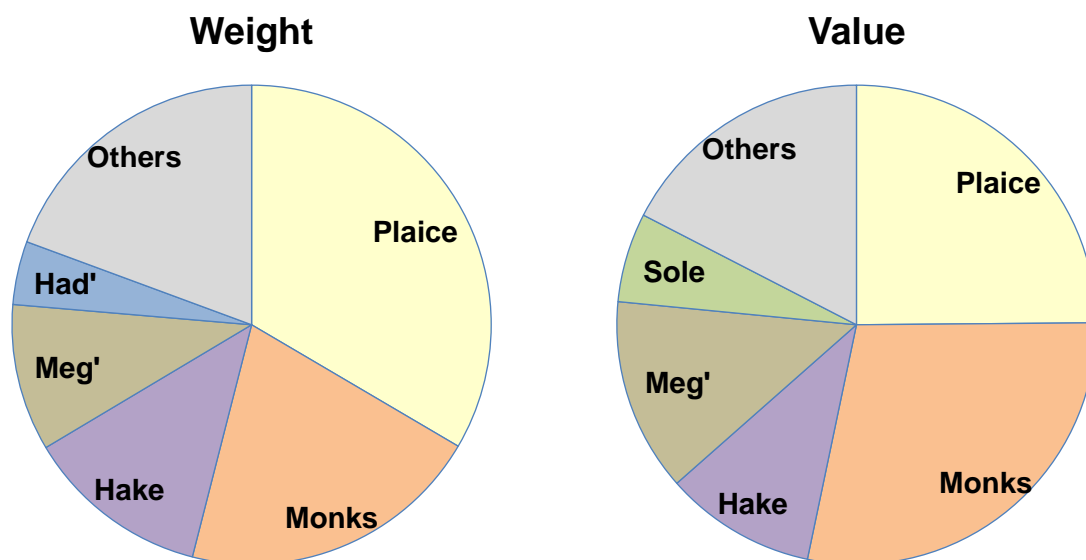


Figure 48 Breakdowns by species of the principal demersal fish landed by UK fishing boats from the EU27 EEZ in 2018. (% weights and values; see Table 29. See Figure 11, page 20, for a breakdown of UK boats' landings from the UK EEZ.)

# Landings by UK Boats

## UK Boats - Demersal Fish – By Species

Table 29 The estimated weights (top) and values (bottom) of the principal demersal fish species landed by UK fishing boats annually from 2015 to 2018 from the EU27 EEZ by EEZ of capture. (See Table 6, page 21, for a breakdown of UK boats' landings from the UK EEZ.)

Demersal		Weight (000 tonnes)							
EU27 EEZ	2015		2016		2017		2018		
Plaice	10.5	42%	11.4	43%	8.1	39%	5.4	33%	
Monks	3.8	15%	4.5	17%	4.1	20%	3.3	21%	
Hake	3.8	15%	3.2	12%	2.6	12%	2.0	12%	
Megrim	2.1	8%	1.9	7%	1.8	9%	1.6	10%	
Haddock	0.5	2%	0.6	2%	0.6	3%	0.7	4%	
Sole (Dover)	0.4	2%	0.4	1%	0.3	1%	0.3	2%	
Lemon Sole	0.3	1%	0.4	1%	0.3	1%	0.2	1%	
Ling	0.4	2%	0.4	2%	0.3	1%	0.1	1%	
Turbot	0.2	1%	0.3	1%	0.3	1%	0.3	2%	
Dabs	0.3	1%	0.3	1%	0.3	1%	0.3	2%	
Others	2.8	11%	2.8	11%	2.2	10%	2.0	12%	
<b>TOTAL</b>	<b>25.1</b>	<b>100%</b>	<b>26.2</b>	<b>100%</b>	<b>20.8</b>	<b>100%</b>	<b>16.2</b>	<b>100%</b>	

		Value £ million)							
EU27 EEZ	2015		2016		2017		2018		
Plaice	£12.9	24%	£15.9	27%	£11.5	25%	£10.1	25%	
Monks	£12.0	23%	£14.5	24%	£12.1	26%	£11.6	28%	
Hake	£9.0	17%	£7.8	13%	£5.5	12%	£4.2	10%	
Megrim	£6.5	12%	£6.5	11%	£5.7	12%	£5.3	13%	
Sole (Dover)	£3.5	7%	£3.5	6%	£2.6	6%	£2.5	6%	
Turbot	£1.8	3%	£2.3	4%	£2.2	5%	£2.1	5%	
Lemon Sole	£1.1	2%	£1.2	2%	£0.9	2%	£0.7	2%	
Haddock	£0.6	1%	£0.8	1%	£1.0	2%	£1.0	2%	
Mullet (Red)	£0.7	1%	£1.2	2%	£0.5	1%	£0.3	1%	
Witch	£0.6	1%	£0.7	1%	£0.5	1%	£0.6	2%	
Others	£4.4	8%	£5.2	9%	£3.6	8%	£2.4	6%	
<b>TOTAL</b>	<b>£53.0</b>	<b>100%</b>	<b>£59.7</b>	<b>100%</b>	<b>£46.2</b>	<b>100%</b>	<b>£40.7</b>	<b>100%</b>	

## Demersal Fish – By Species

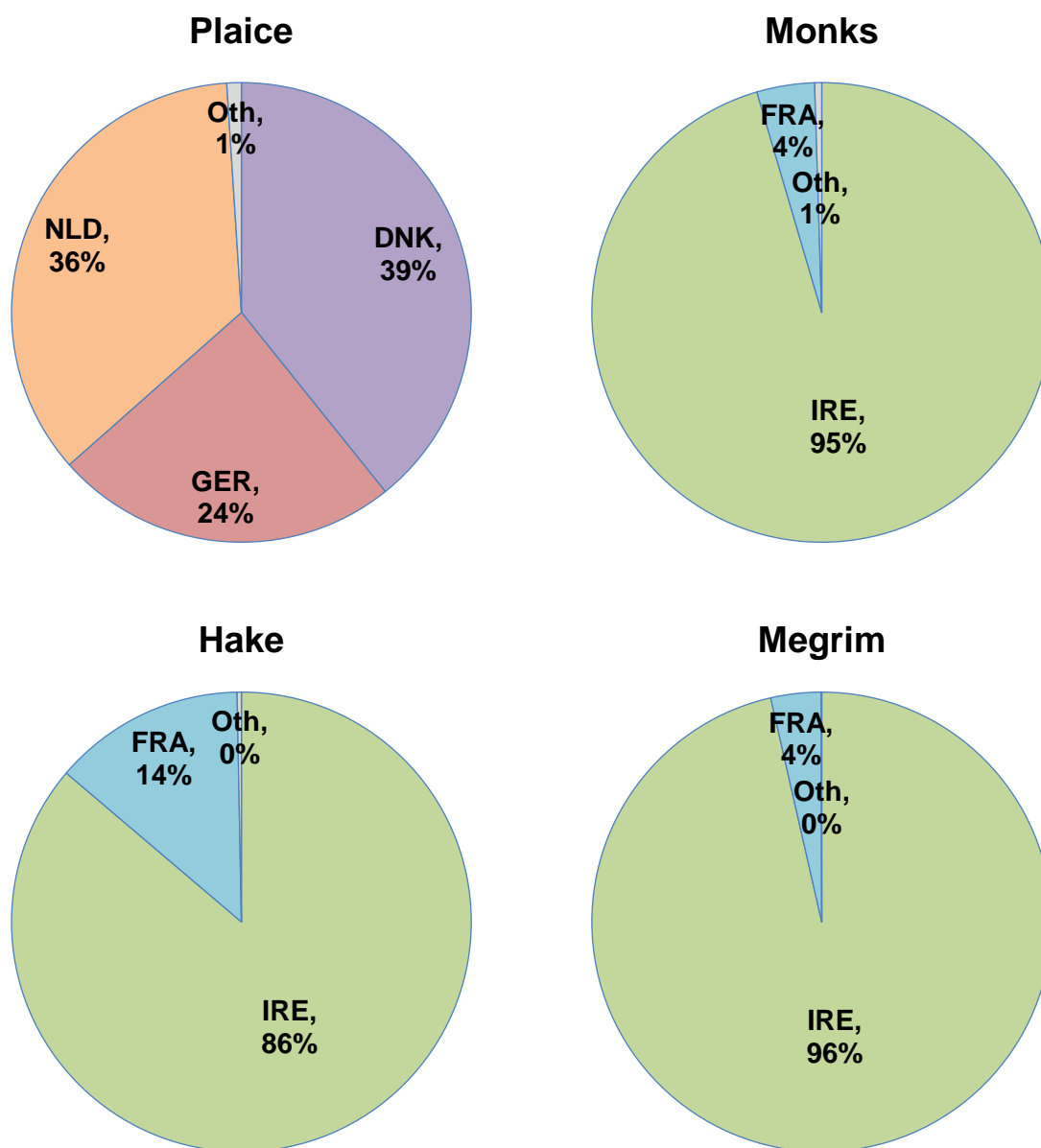


Figure 49 Breakdowns by the EEZ of capture of the principal demersal fish species landed by UK fishing boats from the EU27 EEZ in 2018 (% weight).

## Landings by UK Boats

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### UK Boats - Pelagic Fish

*'Pelagic' fish shoaling fish that swim in mid-water or near the surface and include mackerel, herring, blue whiting and horse mackerel.*

Just under 400,000 tonnes of pelagic fish, worth some £270 million, were landed by UK fishing boats in 2018 (Table 30).

More than three-quarters of these pelagic fish (and 90% by value) were caught in the UK EEZ (Figure 50).

UK boats' landings of pelagic fish from the UK EEZ and EU27 EEZ changed little overall from 2015 to 2018 (Figure 51, Figure 52). There was however a large overall increase in the value of the pelagic fish landed from the UK EEZ and a similar decrease in the value of the landings from the EU27 EEZ (Figure 52). There was also a large percentage decrease in the weight of pelagic fish landed from elsewhere, although the quantities involved were relatively small.

As a result, there was little overall change from 2015 to 2018 in the proportions of UK boats' landings of pelagic fish that were caught in the UK EEZ and the EU27 EEZ (by weight) (Figure 53, Figure 54). By value, however, the proportion landed from the UK EEZ increased while there was a large fall in the proportion landed from the EU27 EEZ. The proportions caught elsewhere also fell substantially but were relatively very small to start with.

## UK Boats - Pelagic Fish

Table 30 The estimated weights (top) and values (bottom) of the pelagic fish landed by UK fishing boats in 2018 from the UK EEZ, the EU27 EEZ and from elsewhere.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK EEZ	301	78%	314	86%	323	83%	306	80%
EU27 EEZ	73	19%	42	11%	58	15%	72	19%
Elsewhere	11	3%	9	3%	9	2%	5	1%
TOTAL	386	100%	365	100%	391	100%	384	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK EEZ	£159	77%	£238	92%	£236	92%	£246	90%
EU27 EEZ	£39	19%	£15	6%	£14	5%	£20	7%
Elsewhere	£8	4%	£7	3%	£6	2%	£6	2%
TOTAL	£206	100%	£260	100%	£256	100%	£272	100%

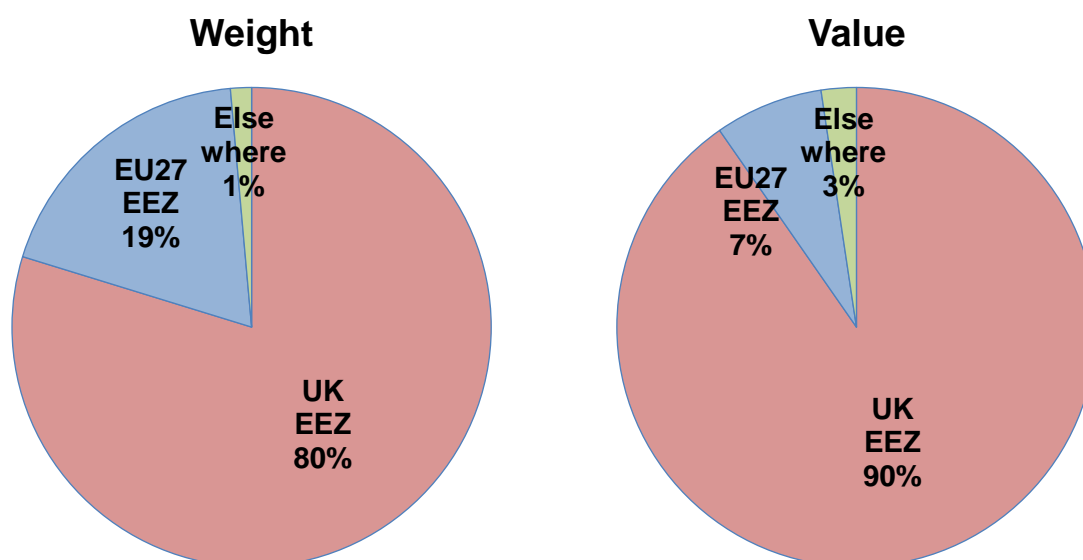


Figure 50 Breakdowns by area of capture of the pelagic fish landed by UK fishing boats in 2018. (% weights and values from the UK EEZ, EU27 EEZ and elsewhere; see Table 25.)

## Landings by UK Boats

### UK Boats - Pelagic Fish –Weight of Landings

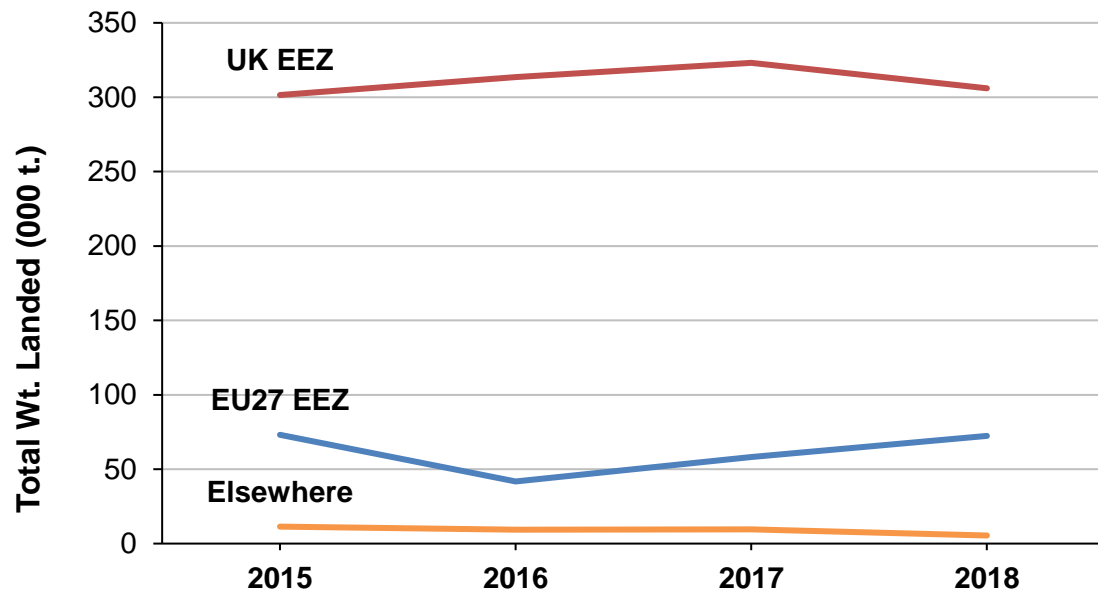


Figure 51 The estimated weights of the pelagic fish landed annually by UK fishing boats from 2015 to 2018 from the UK EEZ, the EU27 EEZ and from elsewhere. (See Table 30.)

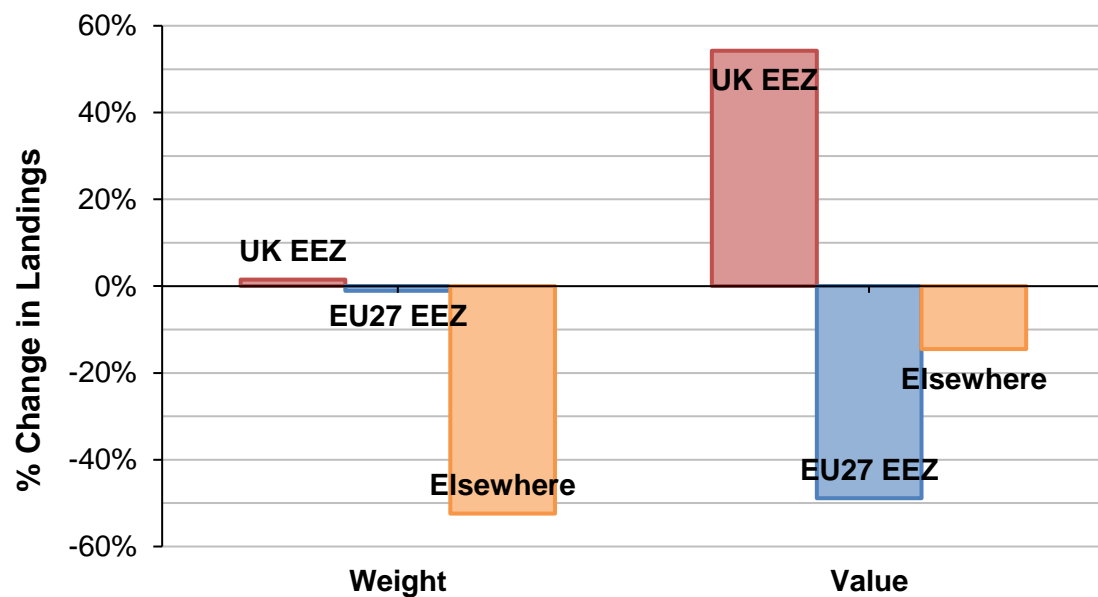


Figure 52 Percentage changes from 2015 to 2018 in the weights and values of the pelagic fish landed by UK fishing boats from the UK EEZ, from the EU27 EEZ and from elsewhere.

## UK Boats - Pelagic Fish – Share of Landings

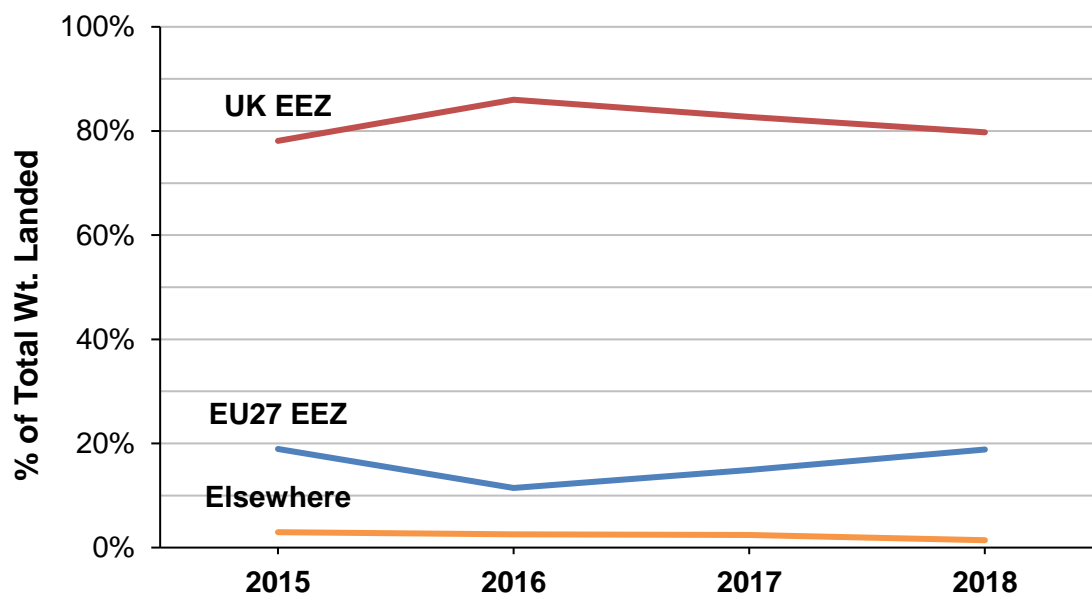


Figure 53 Trends from 2015 to 2018 in the proportions of the pelagic fish landed by UK fishing boats from the UK EEZ, the EU27 EEZ and from elsewhere. (% of estimated total weight landed; see Table 25.)

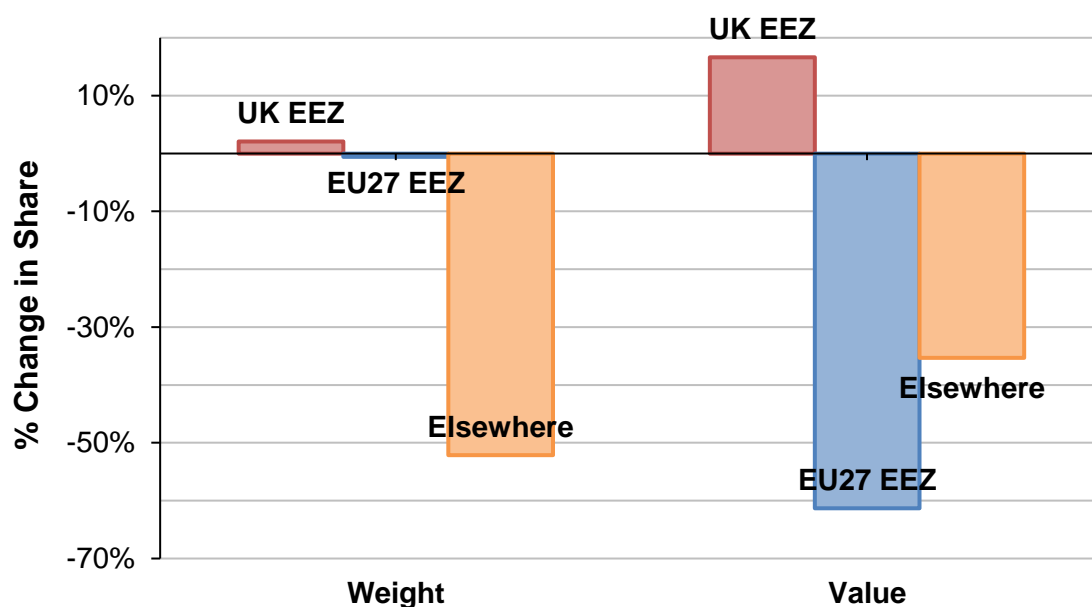


Figure 54 Percentage changes from 2015 to 2018 in the proportions of the weights and values of the pelagic fish landed by UK fishing boats from the UK EEZ, from the EU27 EEZ and from elsewhere. (% changes in shares of estimated total weights and values landed.)



## Landings by UK Boats

### UK Boats – Pelagic Fish - Landings by EU27 EEZ

It is estimated that most of the pelagic fish landed by UK boats from the EU27 EEZ in 2018 was caught in the Irish EEZ, with almost all of the remainder in the EEZ of France (Figure 55, Table 31). There were virtually no landings of pelagic fish by UK boats from other EU27 EEZs.

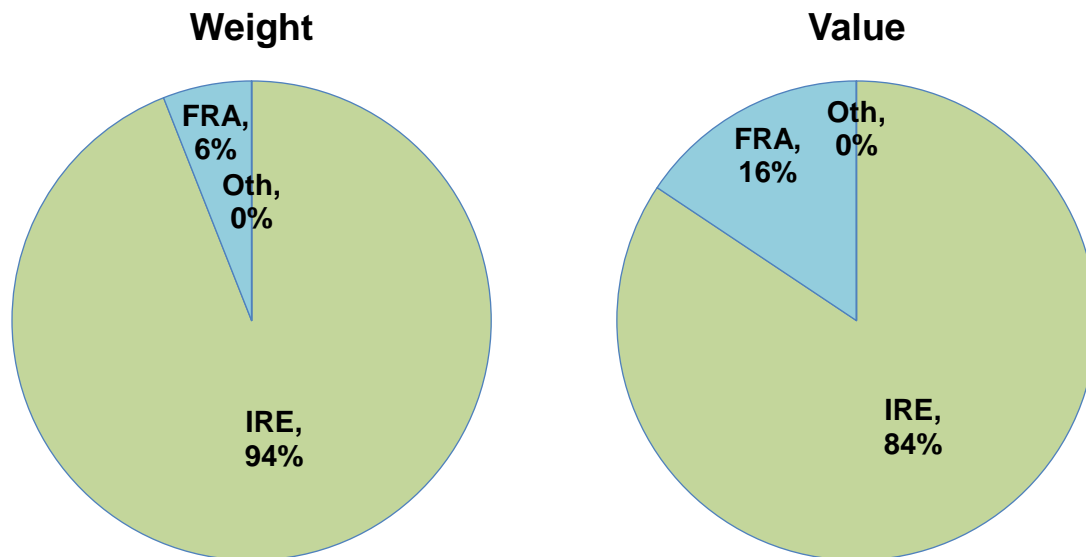


Figure 55 Breakdowns by the EEZ of capture of the pelagic fish landed by UK fishing boats from the EU27 EEZ in 2018. (% weight and value; see Table 31.)

### UK Boats - Pelagic Fish - Landings by EEZ

Table 31 The estimated weights of the pelagic fish landed by UK fishing boats from the EU27 EEZ annually from 2015 to 2018 by the EEZ of capture.

Weight (000 tonnes)								
EEZ	2015		2016		2017		2018	
Irish	63.4	87%	36.2	87%	55.5	95%	68.0	94%
French	9.6	13%	5.5	13%	2.7	5%	4.3	6%
Danish	0.0	0%	0.0	0%	0.0	0%	0.0	0%
German	0.0	0%	0.0	0%	0.0	0%	0.0	0%
Dutch	0.1	0%	0.0	0%	0.0	0%	0.0	0%
Other	0.0	0%	0.0	0%	0.0	0%	0.0	0%
EU27	73.1	100%	41.7	100%	58.2	100%	72.3	100%

Value (£ million)								
EEZ	2015		2016		2017		2018	
Ireland	£34.0	87%	£12.7	83%	£12.2	88%	£16.8	84%
France	£4.8	12%	£2.7	17%	£1.7	12%	£3.1	16%
Denmark	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Germany	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Netherlands	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Other	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
TOTAL EU27	£38.9	100%	£15.3	100%	£13.9	100%	£19.9	100%

## **Landings by UK Boats**

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### **UK Boats – Pelagic Fish - Landings by Species**

Pelagic fish landings by UK fishing boats in 2018 were dominated by mackerel and herring which together accounted for more than three-quarters of the total, and a much higher proportion by value (Figure 56, Table 32, Table 33). Blue whiting accounted for most of the remaining pelagic fish landed by UK boats.

The vast majority of the mackerel and herring landed by UK boats in 2018 were caught in the UK EEZ (Figure 57, Table 32, Table 33), but most of the blue whiting was landed from the EU27 EEZ.

Consequently, UK boats' landings from the EU27 EEZ were dominated by blue whiting (Figure 58, Table 34) which was caught almost entirely within the EEZ of Ireland (Figure 59).

Almost three-quarters of the (smaller) quantity of mackerel landed by UK boats from the EU27 EEZ was also caught in the EEZ of Ireland, with most of the balance in the EEZ of France (Figure 59).

Although the quantities involved were relatively small, most of the horse mackerel and herring landed by UK boats from the EU27 EEZ were caught in the EEZ of France, with most of the balance in the EEZ of Ireland (Figure 59).

## UK Boats - Pelagic Fish

### UK Boats – Everywhere

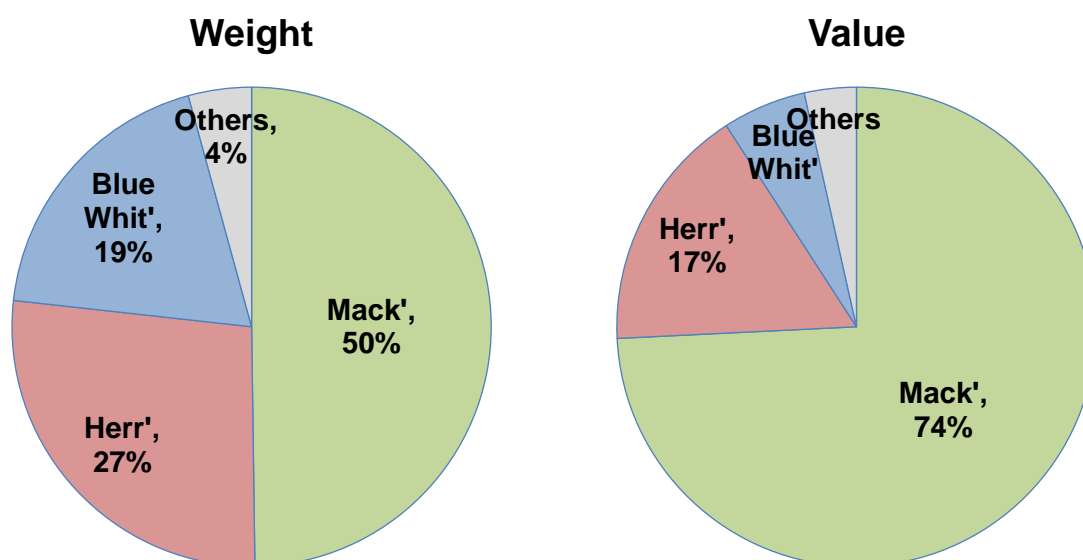


Figure 56 Breakdowns by species of the principal pelagic fish landed by UK fishing boats in 2018 (from everywhere). (% weights and values; see Table 32 and Table 33.)

## UK Boats - Pelagic Fish - Landings by Species

Table 32 The estimated weights of the principal pelagic fish species landed by UK fishing boats annually from 2015 to 2018 from the UK and EU27 EEZs and from elsewhere.

Weight (000 tonnes)									
Mackerel	2015		2016		2017		2018		
UK EEZ	191.6	77%	204.0	94%	219.3	97%	185.0	97%	
EU27 EEZ	48.0	19%	10.5	5%	3.8	2%	4.6	2%	
Elsewhere	8.4	3%	3.1	1%	3.9	2%	1.4	1%	
TOTAL	248.0	100%	217.6	100%	226.9	100%	191.1	100%	
Herring									
UK EEZ	90.0	96%	84.8	92%	78.1	93%	99.1	96%	
EU27 EEZ	1.4	2%	1.6	2%	1.0	1%	1.8	2%	
Elsewhere	2.3	2%	5.9	6%	5.0	6%	2.6	2%	
TOTAL	93.7	100%	92.2	100%	84.1	100%	103.5	100%	
Blue Whiting									
UK EEZ	9.8	31%	11.9	31%	14.2	21%	8.8	12%	
EU27 EEZ	21.8	68%	26.4	69%	51.9	78%	63.2	87%	
Elsewhere	0.2	1%	0.1	0%	0.3	0%	0.9	1%	
TOTAL	31.8	100%	38.3	100%	66.4	100%	72.9	100%	
Horse Mackerel									
UK EEZ	5.7	76%	3.4	52%	3.8	71%	4.6	64%	
EU27 EEZ	0.0	0%	0.0	0%	0.0	0%	0.0	0%	
Elsewhere	1.8	24%	3.1	48%	1.6	29%	2.6	36%	
TOTAL	7.6	100%	6.5	100%	5.4	100%	7.2	100%	
Pilchards									
UK EEZ	4.3	99%	9.2	98%	7.6	100%	8.1	100%	
EU27 EEZ	0.0	1%	0.2	2%	0.0	0%	0.0	0%	
Elsewhere	0.0	0%	0.0	0%	0.0	0%	0.0	0%	
TOTAL	4.3	100%	9.4	100%	7.6	100%	8.1	100%	

### UK Boats - Pelagic Fish - Landings by Species

Table 33 The estimated values of the principal pelagic fish species landed by UK fishing boats annually from 2015 to 2018 from the UK and EU27 EEZs and from elsewhere.

		Value (£ million)							
Mackerel		2015		2016		2017		2018	
UK EEZ		£121.5	76%	£178.6	95%	£197.2	97%	£194.6	96%
EU27 EEZ		£32.9	21%	£7.4	4%	£3.0	1%	£3.4	2%
Elsewhere		£5.5	3%	£2.5	1%	£3.2	2%	£4.0	2%
<b>TOTAL</b>		<b>£159.8</b>	<b>100%</b>	<b>£188.5</b>	<b>100%</b>	<b>£203.4</b>	<b>100%</b>	<b>£202.0</b>	<b>100%</b>
<b>Herring</b>									
UK EEZ		£31.7	96%	£52.1	92%	£32.6	91%	£43.1	95%
EU27 EEZ		£0.5	1%	£0.7	1%	£0.6	2%	£1.1	3%
Elsewhere		£0.8	2%	£3.5	6%	£2.6	7%	£1.0	2%
<b>TOTAL</b>		<b>£32.9</b>	<b>100%</b>	<b>£56.3</b>	<b>100%</b>	<b>£35.8</b>	<b>100%</b>	<b>£45.3</b>	<b>100%</b>
<b>Blue Whiting</b>									
UK EEZ		£1.8	27%	£2.8	32%	£2.0	17%	£1.7	11%
EU27 EEZ		£4.8	72%	£5.8	68%	£9.4	82%	£13.6	88%
Elsewhere		£0.0	1%	£0.0	0%	£0.0	0%	£0.1	1%
<b>TOTAL</b>		<b>£6.6</b>	<b>100%</b>	<b>£8.7</b>	<b>100%</b>	<b>£11.4</b>	<b>100%</b>	<b>£15.4</b>	<b>100%</b>
<b>Horse Mackerel</b>									
UK EEZ		£2.9	80%	£1.5	53%	£2.1	72%	£3.1	64%
EU27 EEZ		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
Elsewhere		£0.7	20%	£1.3	47%	£0.8	28%	£1.8	36%
<b>TOTAL</b>		<b>£3.6</b>	<b>100%</b>	<b>£2.8</b>	<b>100%</b>	<b>£2.9</b>	<b>100%</b>	<b>£4.9</b>	<b>100%</b>
<b>Pilchards</b>									
UK EEZ		£1.6	99%	£3.1	98%	£2.5	100%	£2.9	100%
EU27 EEZ		£0.0	1%	£0.1	2%	£0.0	0%	£0.0	0%
Elsewhere		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
<b>TOTAL</b>		<b>£1.6</b>	<b>100%</b>	<b>£3.1</b>	<b>100%</b>	<b>£2.5</b>	<b>100%</b>	<b>£2.9</b>	<b>100%</b>

## UK Boats - Pelagic Fish – By Species

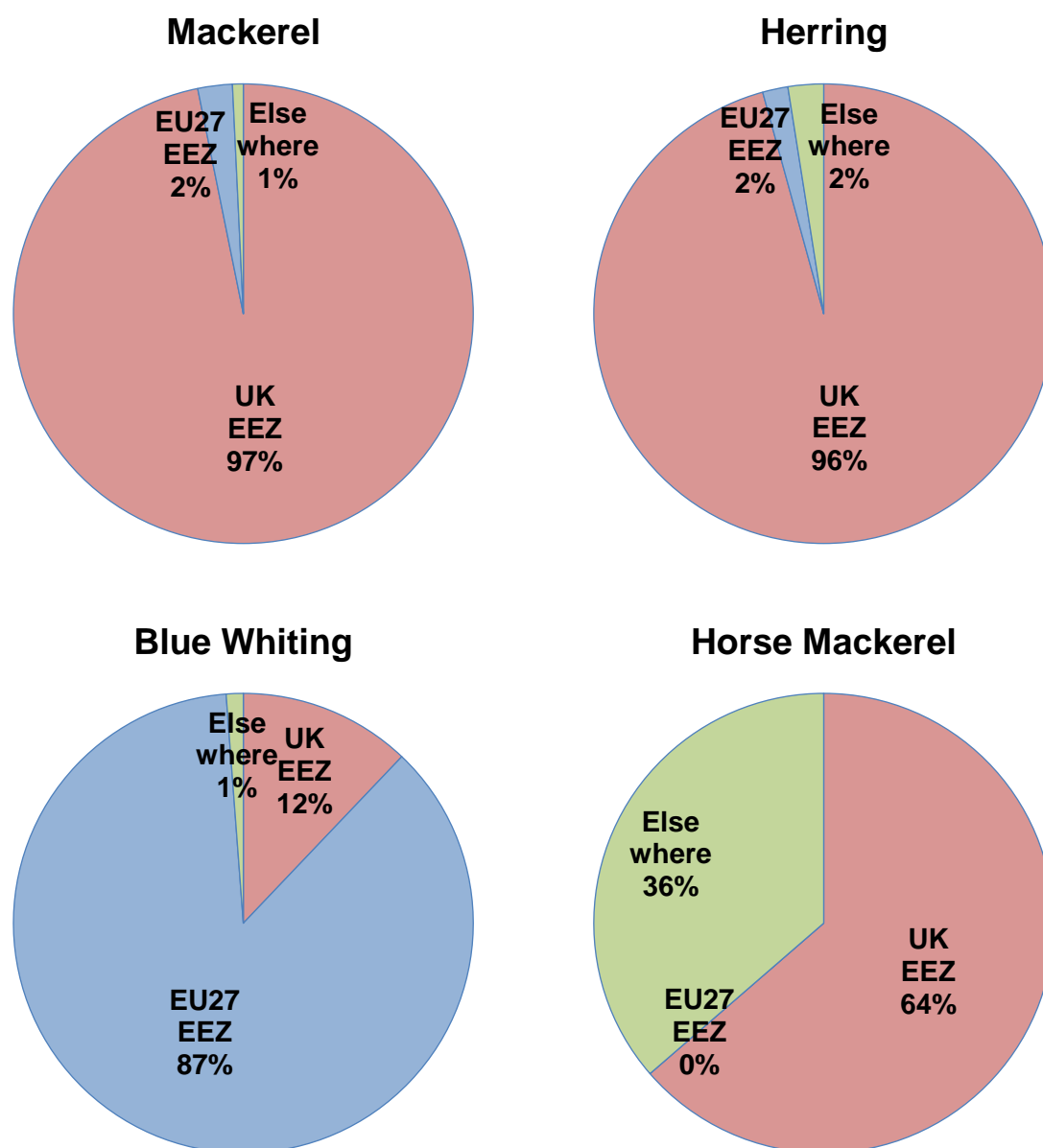


Figure 57 Breakdowns by area of capture of the principal pelagic fish species landed by UK fishing boats in 2018. (% weights from the UK EEZ, EU27 EEZ and elsewhere; see Table 32.)

## UK Boats - Pelagic Fish – By Species

### UK Boats - EU27 EEZ

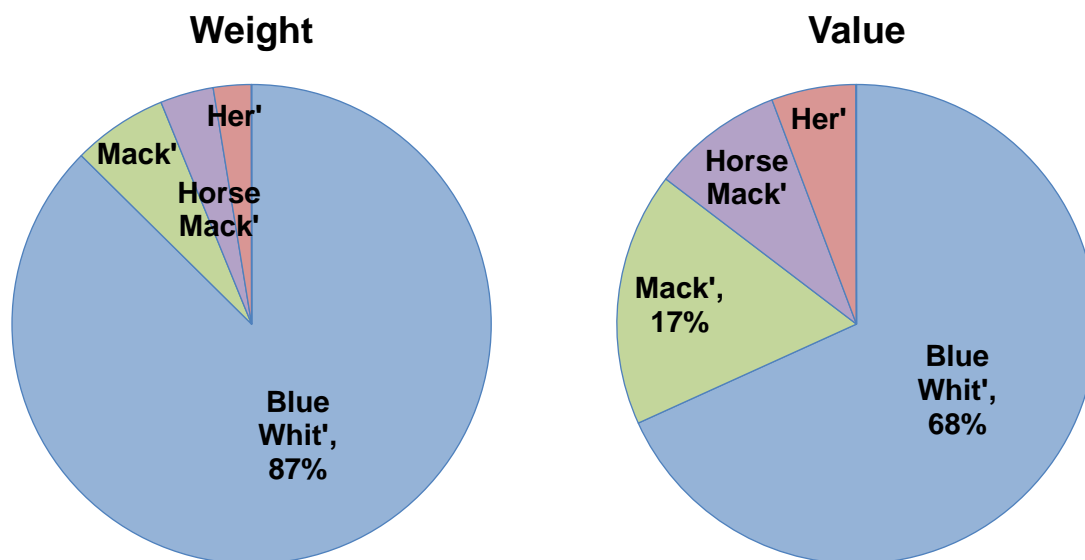


Figure 58 Breakdowns by species of the principal pelagic fish landed by UK fishing boats from the EU27 EEZ in 2018. (% weights and values; see Table 34. See Figure 16, page 33, for breakdowns of UK boats' pelagic landings from the UK EEZ.)



## Landings by UK Boats

### UK Boats - Pelagic Fish – By Species

Table 34 The estimated weights of the principal pelagic fish species landed by UK fishing boats annually from 2015 to 2018 from the EU27 EEZ. (See Table 11, page 34, for UK boats' landings from the UK EEZ.)

Pelagic		Weight (000 tonnes)							
EU27 EEZ	2015		2016		2017		2018		
Blue Whiting	21.8	30%	26.4	63%	51.9	89%	63.2	87%	
Mackerel	48.0	66%	10.5	25%	3.8	6%	4.6	6%	
Horse Mack'	1.8	3%	3.1	7%	1.6	3%	2.6	4%	
Herring	1.4	2%	1.6	4%	1.0	2%	1.8	3%	
Pilchards	0.0	0%	0.2	0%	0.0	0%	0.0	0%	
Others	0.0	0%	0.0	0%	0.0	0%	0.0	0%	
<b>TOTAL</b>	<b>73.1</b>	<b>100%</b>	<b>41.7</b>	<b>100%</b>	<b>58.2</b>	<b>100%</b>	<b>72.3</b>	<b>100%</b>	

		Value £ million)							
EU27 EEZ	2015		2016		2017		2018		
Blue Whiting	£4.8	12%	£5.8	38%	£9.4	68%	£13.6	68%	
Mackerel	£32.9	85%	£7.4	48%	£3.0	22%	£3.4	17%	
Horse Mack'	£0.7	2%	£1.3	8%	£0.8	6%	£1.8	9%	
Herring	£0.5	1%	£0.7	5%	£0.6	4%	£1.1	6%	
Pilchards	£0.0	0%	£0.1	0%	£0.0	0%	£0.0	0%	
Others	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%	
<b>TOTAL</b>	<b>£38.9</b>	<b>100%</b>	<b>£15.3</b>	<b>100%</b>	<b>£13.9</b>	<b>100%</b>	<b>£19.9</b>	<b>100%</b>	

## UK Boats - Pelagic Fish – By EEZ

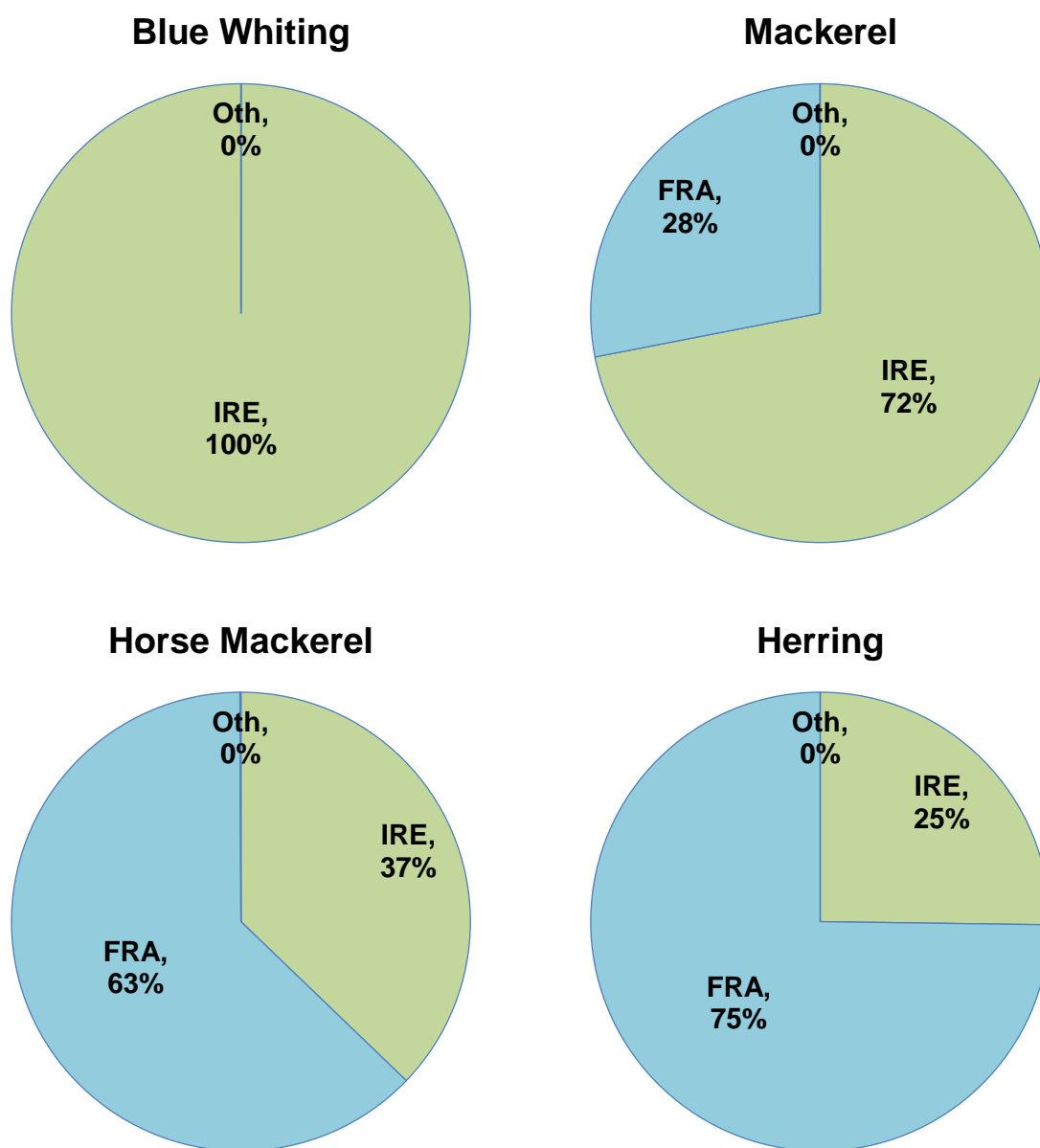


Figure 59 Breakdowns by the EEZ of capture of the principal pelagic fish species landed by UK fishing boats from the EU27 EEZ in 2018 (% weight).

## Landings by UK Boats

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### UK Boats - Shellfish

*'Shellfish' is a diverse group of invertebrate species including crabs, lobsters, prawns, scallops, whelks and squid.*

It is estimated that UK fishing boats landed about 135,000 tonnes of shellfish, worth some £360 million, in 2018 (Table 35).

Most of these shellfish were landed from the UK EEZ (Figure 60) with much smaller proportions from the EU27 EEZ and from elsewhere\*.

There was a substantial decrease in UK boats' landings of shellfish from the UK EEZ from 2015 to 2018 accompanied by small increases in their landings from the EU27 EEZ and from elsewhere over the same period (Figure 61, Figure 62).

As a result, the proportion of UK boats' landings of shellfish that was caught in the UK EEZ decreased slightly over the period while the proportions caught in the EU27 EEZ and elsewhere increased substantially, although the quantities involved remained relatively small (Figure 63, Figure 64).

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\* Shellfish landed by UK boats from 'elsewhere' (outside the UK and EU27 EEZs) were predominantly squid.

### UK Boats - Shellfish

Table 35 The estimated weights (top) and values (bottom) of all the shellfish landed by UK fishing boats in 2018 from the UK EEZ, the EU27 EEZ and from elsewhere.

Weight (000 tonnes)								
Fleet	2015		2016		2017		2018	
UK EEZ	137	91%	138	92%	131	89%	116	86%
EU27 EEZ	9	6%	10	6%	12	8%	13	10%
Elsewhere	4	3%	3	2%	5	3%	6	5%
TOTAL	150	100%	150	100%	148	100%	135	100%

Value (£ million)								
Fleet	2015		2016		2017		2018	
UK EEZ	£257	93%	£310	91%	£330	90%	£317	88%
EU27 EEZ	£16	6%	£20	6%	£26	7%	£28	8%
Elsewhere	£3	1%	£9	3%	£11	3%	£17	5%
TOTAL	£276	100%	£339	100%	£368	100%	£362	100%

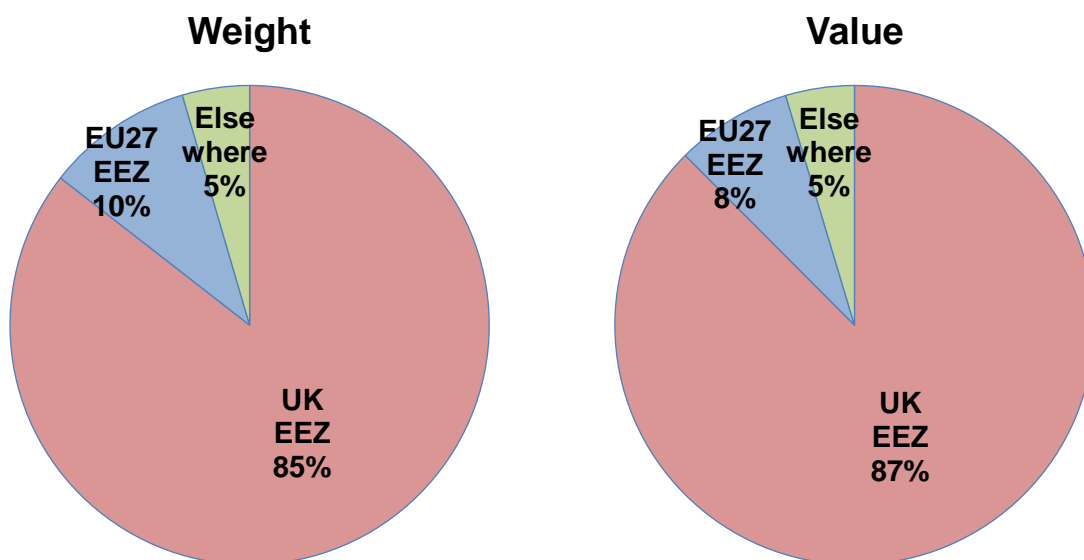


Figure 60 Breakdowns by area of capture of the shellfish landed by UK fishing boats in 2018. (% weights and values from the UK EEZ, EU27 EEZ and elsewhere; see Table 35.)

## UK Boats - Shellfish –Weight of Landings

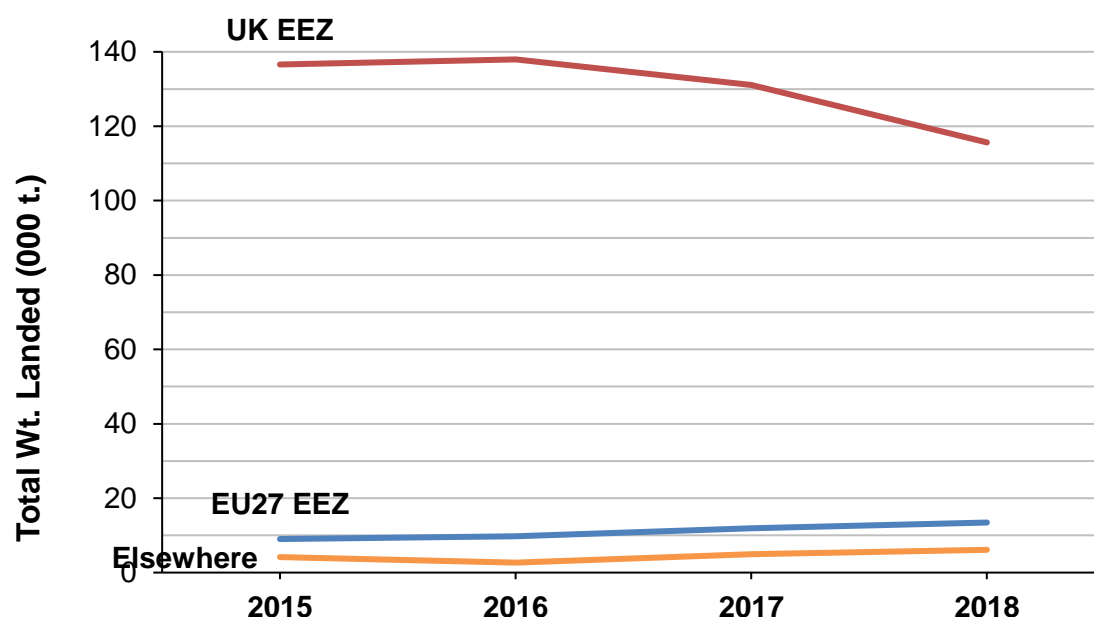


Figure 61 The estimated weights of the shellfish landed annually by UK fishing boats from 2015 to 2018 from the UK EEZ, the EU27 EEZ and from elsewhere. (See Table 35.)

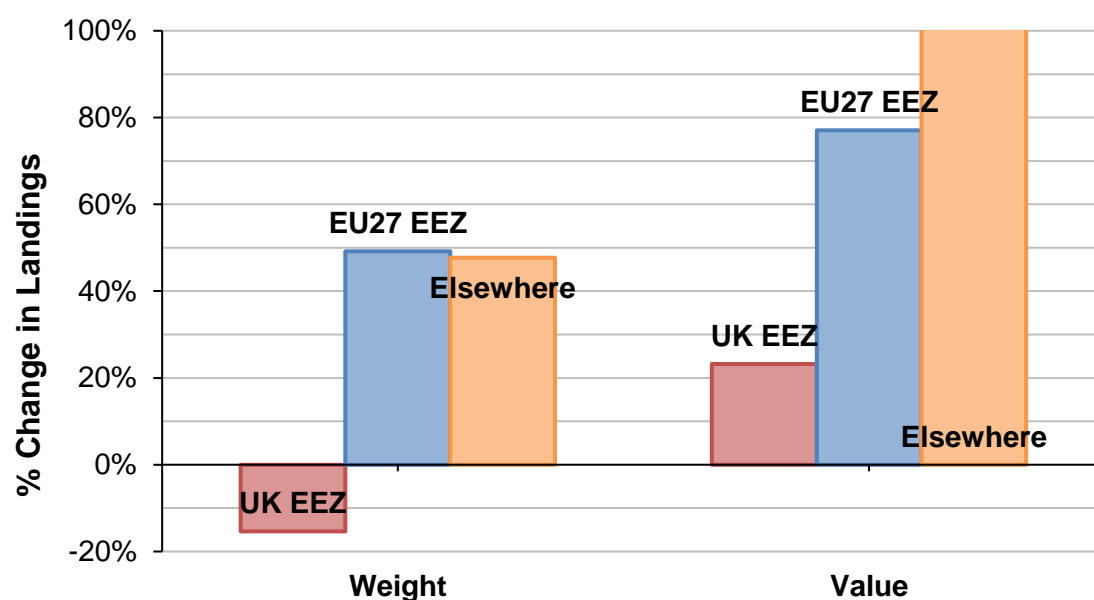


Figure 62 Percentage changes from 2015 to 2018 in the weights and values of the shellfish landed by UK fishing boats from the UK EEZ, from the EU27 EEZ and from elsewhere. (Note that the value for 'value elsewhere' exceeds the scale shown.)

## UK Boats - Shellfish – Share of Landings

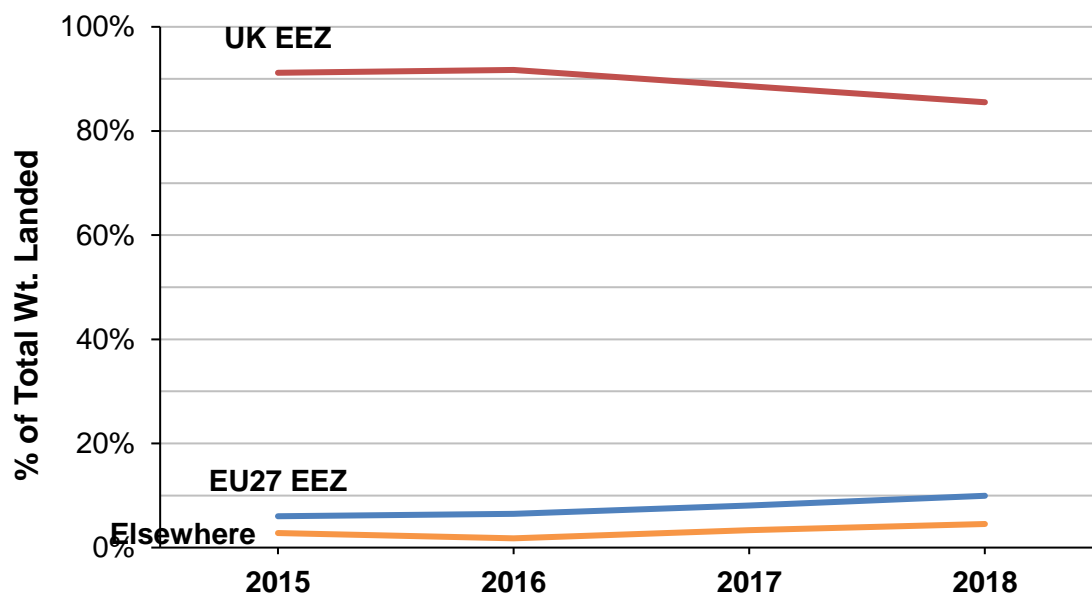


Figure 63 Trends from 2015 to 2018 in the proportions of the shellfish landed by UK fishing boats from the UK EEZ, the EU27 EEZ and from elsewhere. (% of estimated total weight landed; see Table 35.)

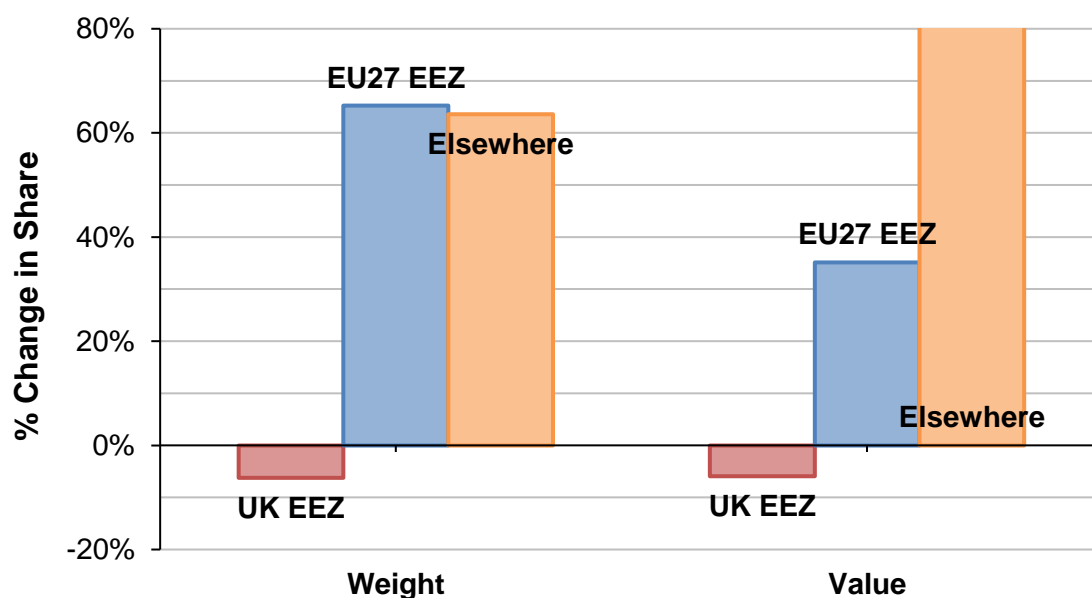


Figure 64 Percentage changes from 2015 to 2018 in the proportions of the weights and values of the shellfish landed by UK fishing boats from the UK EEZ, from the EU27 EEZ and from elsewhere. (% changes in shares of estimated total weights and values landed. Note that the value for 'elsewhere' exceeds the scale shown.)

## Landings by UK Boats

### UK Boats – Shellfish - Landings by EU27 EEZ

It is estimated that about half of the shellfish landed by UK boats from the EU27 EEZ in 2018 was caught in the EEZ of France (Figure 65, Table 36). Most of the balance was roughly equally split between the EEZs of Ireland and Germany with a much smaller proportion from the EEZ of the Netherlands.

#### UK Boats - Shellfish

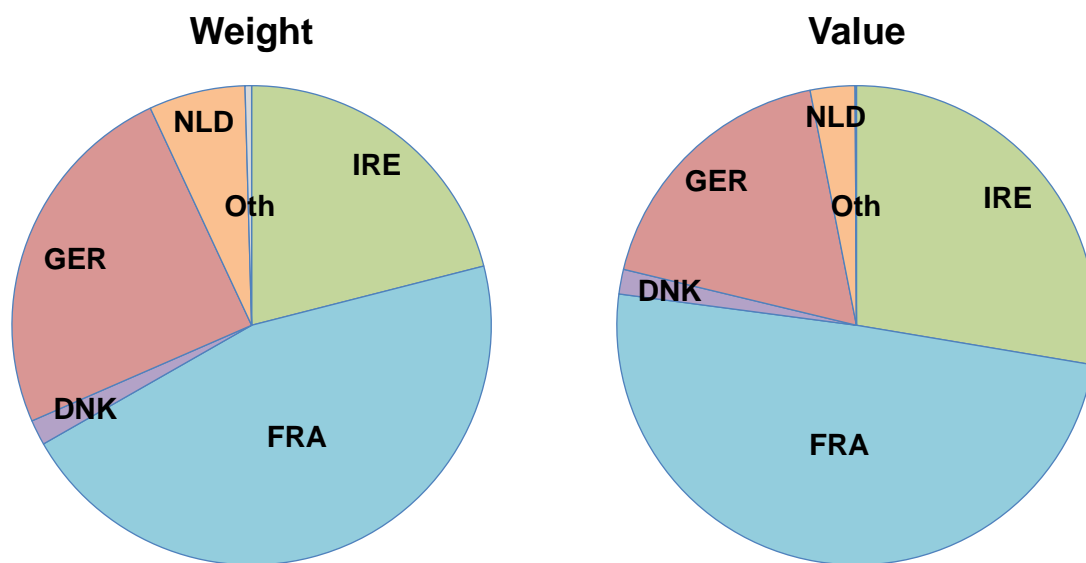


Figure 65 Breakdowns by the EEZ of capture of the shellfish landed by UK fishing boats from the EU27 EEZ in 2018. (% weight and value; see Table 36.)

## UK Boats - Shellfish - Landings by EEZ

Table 36 The estimated weights of the shellfish landed by UK fishing boats from the EU27 EEZ annually from 2015 to 2018 by the EEZ of capture.

Weight (000 tonnes)								
EEZ	2015		2016		2017		2018	
Ireland	3.8	43%	3.9	40%	3.6	30%	2.8	21%
France	3.7	41%	3.6	37%	5.5	46%	6.2	46%
Denmark	0.1	1%	0.2	2%	0.3	2%	0.2	2%
Germany	1.0	11%	1.6	16%	2.0	17%	3.3	25%
Netherlands	0.3	4%	0.3	4%	0.5	4%	0.9	7%
Other	0.0	0%	0.0	0%	0.0	0%	0.1	0%
TOTAL EU27	9.0	100%	9.8	100%	11.9	100%	13.5	100%

Value (£ million)								
EEZ	2015		2016		2017		2018	
Ireland	£6.4	40%	£7.7	39%	£7.8	30%	£7.8	28%
France	£7.4	46%	£8.4	42%	£13.2	50%	£14.0	49%
Denmark	£0.1	1%	£0.5	2%	£0.5	2%	£0.5	2%
Germany	£1.5	9%	£2.5	13%	£3.7	14%	£5.1	18%
Netherlands	£0.5	3%	£0.8	4%	£1.0	4%	£0.9	3%
Other	£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
TOTAL EU27	£16.0	100%	£19.8	100%	£26.2	100%	£28.4	100%



## Landings by UK Boats

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### UK Boats – Shellfish - Landings by Species

The principal species of shellfish landed by UK fishing boats in 2018 included edible crabs, Nephrops, scallops and whelks (Figure 66, Table 37, Table 38).

For these species the majority of the landings by UK boats – in some cases the vast majority – were caught in the UK EEZ (Figure 67).

UK boats' landings of shellfish species from the EU27 EEZ in 2018 were dominated by edible crabs and scallops which between them accounted for more than two-thirds of the total by weight and value, and to a lesser extent by Nephrops (Figure 68, Table 39).

Most of the edible crabs landed by UK boats from the EU27 EEZ were caught in the EEZ of Germany; virtually all the scallops in the EEZ of France; and virtually all of the Nephrops in the EEZ of Ireland (Figure 69). Catches of whelks were more widely distributed with about half of the landings from the EEZ of France, a quarter from the EEZ of the Netherlands and smaller proportions from the EEZs of Ireland and Belgium.

## UK Boats - Shellfish

### UK Boats – Everywhere

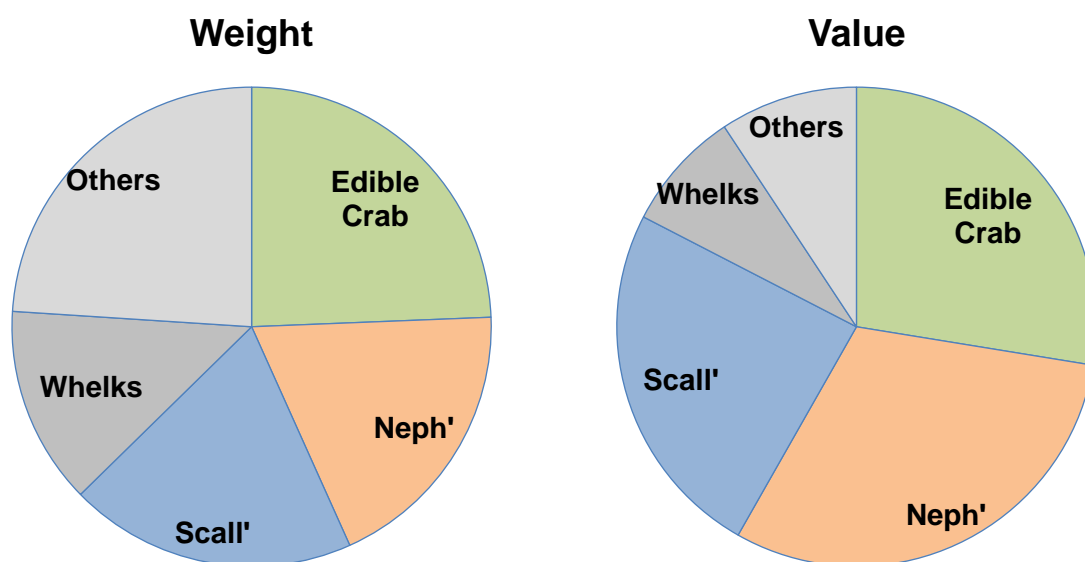


Figure 66 Breakdowns by species of the principal shellfish landed by UK fishing boats in 2018 (from everywhere). (% weights and values; see Table 37 and Table 38.)

## UK Boats - Shellfish - Landings by Species

Table 37 The estimated weights of the principal shellfish species landed by UK fishing boats annually from 2015 to 2018 from the UK and EU27 EEZs and from elsewhere.

		Weight (000 tonnes)							
Edible Crabs		2015		2016		2017		2018	
UK EEZ		27.0	91%	30.5	90%	28.9	87%	27.8	84%
EU27 EEZ		2.7	9%	3.1	9%	4.0	12%	5.0	15%
Elsewhere		0.1	0%	0.2	1%	0.3	1%	0.2	1%
TOTAL		29.8	100%	33.8	100%	33.2	100%	33.0	100%
<b>Nephrops</b>									
UK EEZ		24.2	93%	29.5	94%	28.6	94%	24.0	94%
EU27 EEZ		1.6	6%	1.9	6%	1.8	6%	1.5	6%
Elsewhere		0.1	0%	0.1	0%	0.1	0%	0.2	1%
TOTAL		25.9	100%	31.5	100%	30.6	100%	25.6	100%
<b>Scallops</b>									
UK EEZ		26.1	92%	25.7	91%	22.6	84%	21.2	81%
EU27 EEZ		2.3	8%	2.5	9%	4.2	15%	4.9	19%
Elsewhere		0.1	0%	0.1	0%	0.0	0%	0.0	0%
TOTAL		28.4	100%	28.2	100%	26.8	100%	26.2	100%
<b>Whelks</b>									
UK EEZ		20.5	98%	22.2	97%	20.5	97%	17.3	96%
EU27 EEZ		0.5	2%	0.6	3%	0.6	3%	0.7	4%
Elsewhere		0.0	0%	0.0	0%	0.0	0%	0.0	0%
TOTAL		20.9	100%	22.8	100%	21.1	100%	18.1	100%

### UK Boats - Shellfish - Landings by Species

Table 38 The estimated values of the principal shellfish species landed by UK fishing boats annually from 2015 to 2018 from the UK and EU27 EEZs and from elsewhere.

		Value (£ million)							
Edible Crabs		2015		2016		2017		2018	
UK EEZ		£35.3	90%	£42.5	90%	£48.3	87%	£66.4	89%
EU27 EEZ		£3.7	10%	£4.5	10%	£6.7	12%	£8.1	11%
Elsewhere		£0.2	0%	£0.3	1%	£0.5	1%	£0.5	1%
<b>TOTAL</b>		<b>£39.3</b>	<b>100%</b>	<b>£47.3</b>	<b>100%</b>	<b>£55.4</b>	<b>100%</b>	<b>£75.0</b>	<b>100%</b>
<b>Nephrops</b>									
UK EEZ		£78.5	95%	£97.4	94%	£92.3	93%	£76.7	92%
EU27 EEZ		£4.0	5%	£5.8	6%	£6.0	6%	£6.2	7%
Elsewhere		£0.5	1%	£0.5	0%	£0.6	1%	£0.6	1%
<b>TOTAL</b>		<b>£83.0</b>	<b>100%</b>	<b>£103.7</b>	<b>100%</b>	<b>£99.0</b>	<b>100%</b>	<b>£83.4</b>	<b>100%</b>
<b>Scallops</b>									
UK EEZ		£52.6	92%	£60.8	91%	£58.9	86%	£54.9	83%
EU27 EEZ		£4.6	8%	£5.6	8%	£9.7	14%	£11.4	17%
Elsewhere		£0.1	0%	£0.1	0%	£0.1	0%	£0.0	0%
<b>TOTAL</b>		<b>£57.4</b>	<b>100%</b>	<b>£66.5</b>	<b>100%</b>	<b>£68.6</b>	<b>100%</b>	<b>£66.3</b>	<b>100%</b>
<b>Whelks</b>									
UK EEZ		£18.3	98%	£22.4	97%	£22.5	97%	£21.4	97%
EU27 EEZ		£0.4	2%	£0.6	3%	£0.6	3%	£0.7	3%
Elsewhere		£0.0	0%	£0.0	0%	£0.0	0%	£0.0	0%
<b>TOTAL</b>		<b>£18.7</b>	<b>100%</b>	<b>£23.0</b>	<b>100%</b>	<b>£23.1</b>	<b>100%</b>	<b>£22.1</b>	<b>100%</b>

## UK Boats - Shellfish – By Species

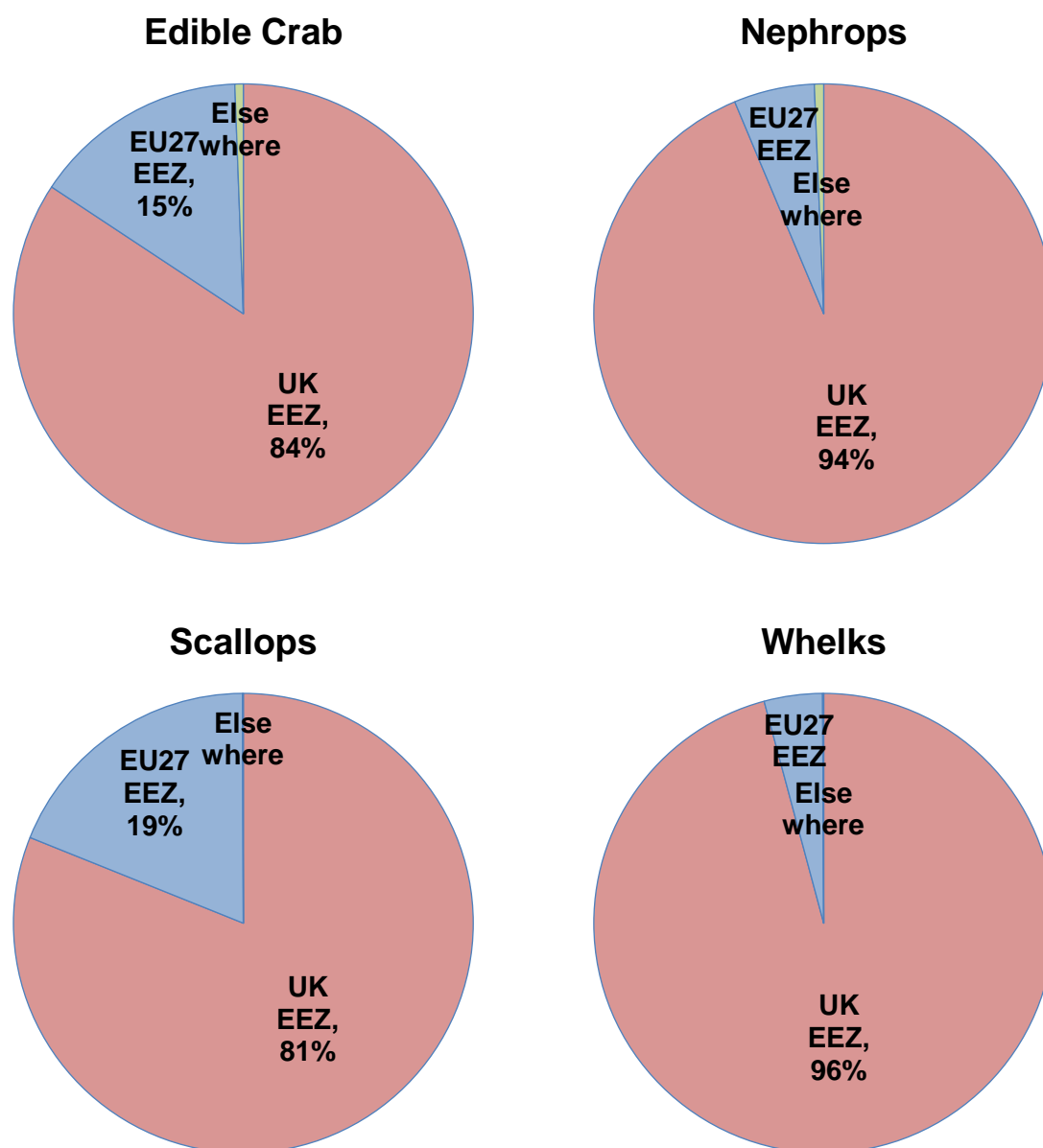


Figure 67 Breakdowns by area of capture of the principal shellfish species landed by UK fishing boats in 2018. (% weights from the UK EEZ, EU27 EEZ and elsewhere; see Table 37.)

## UK Boats - Shellfish – By Species

### UK Boats - EU27 EEZ (2018)

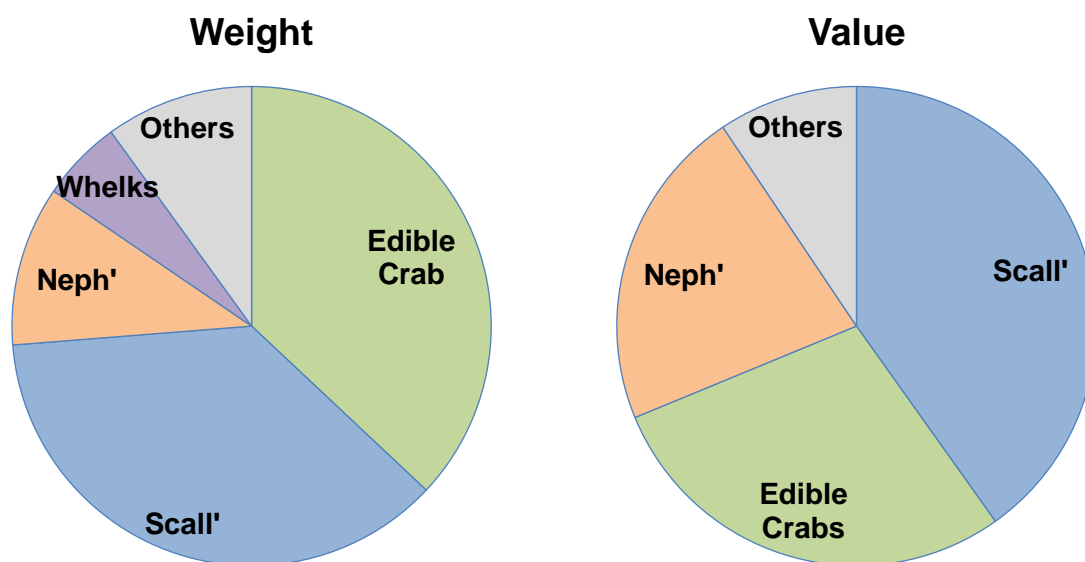


Figure 68 Breakdowns by species of the principal shellfish landed by UK fishing boats from the EU27 EEZ in 2018. (% weights and values; see Table 39. See Figure 21, page 42, for breakdown of UK boats' landings from the UK EEZ.)

## Landings by UK Boats

### UK Boats - Shellfish – By Species

Table 39 The estimated weights of the principal shellfish species landed by UK fishing boats annually from 2015 to 2018 from the EU27 EEZ. (See Table 15, page 43, for UK boats' landings from the UK EEZ.)

Shellfish		Weight (000 tonnes)					
EU27 EEZ		2015		2016		2017	2018
Edible Crab		2.7	30%	3.1	32%	4.0	37%
Scallops		2.3	25%	2.5	26%	4.2	37%
Nephrops		1.6	18%	1.9	19%	1.8	11%
Whelks		0.5	5%	0.6	6%	0.6	6%
Squid		0.4	5%	0.3	3%	0.2	1%
Others		1.6	17%	1.4	14%	1.2	9%
<b>TOTAL</b>		<b>9.0</b>	<b>100%</b>	<b>9.8</b>	<b>100%</b>	<b>11.9</b>	<b>100%</b>

		Value £ million)					
EU27 EEZ		2015		2016		2017	2018
Scallops		£4.6	29%	£5.6	28%	£9.7	40%
Edible Crabs		£3.7	23%	£4.5	23%	£6.7	25%
Nephrops		£4.0	25%	£5.8	29%	£6.0	23%
Squid		£1.3	8%	£1.2	6%	£1.3	5%
Whelks		£0.4	3%	£0.6	3%	£0.6	2%
Others		£1.9	12%	£2.2	11%	£1.9	7%
<b>TOTAL</b>		<b>£16.0</b>	<b>100%</b>	<b>£19.8</b>	<b>100%</b>	<b>£26.2</b>	<b>100%</b>

## Shellfish – By Species

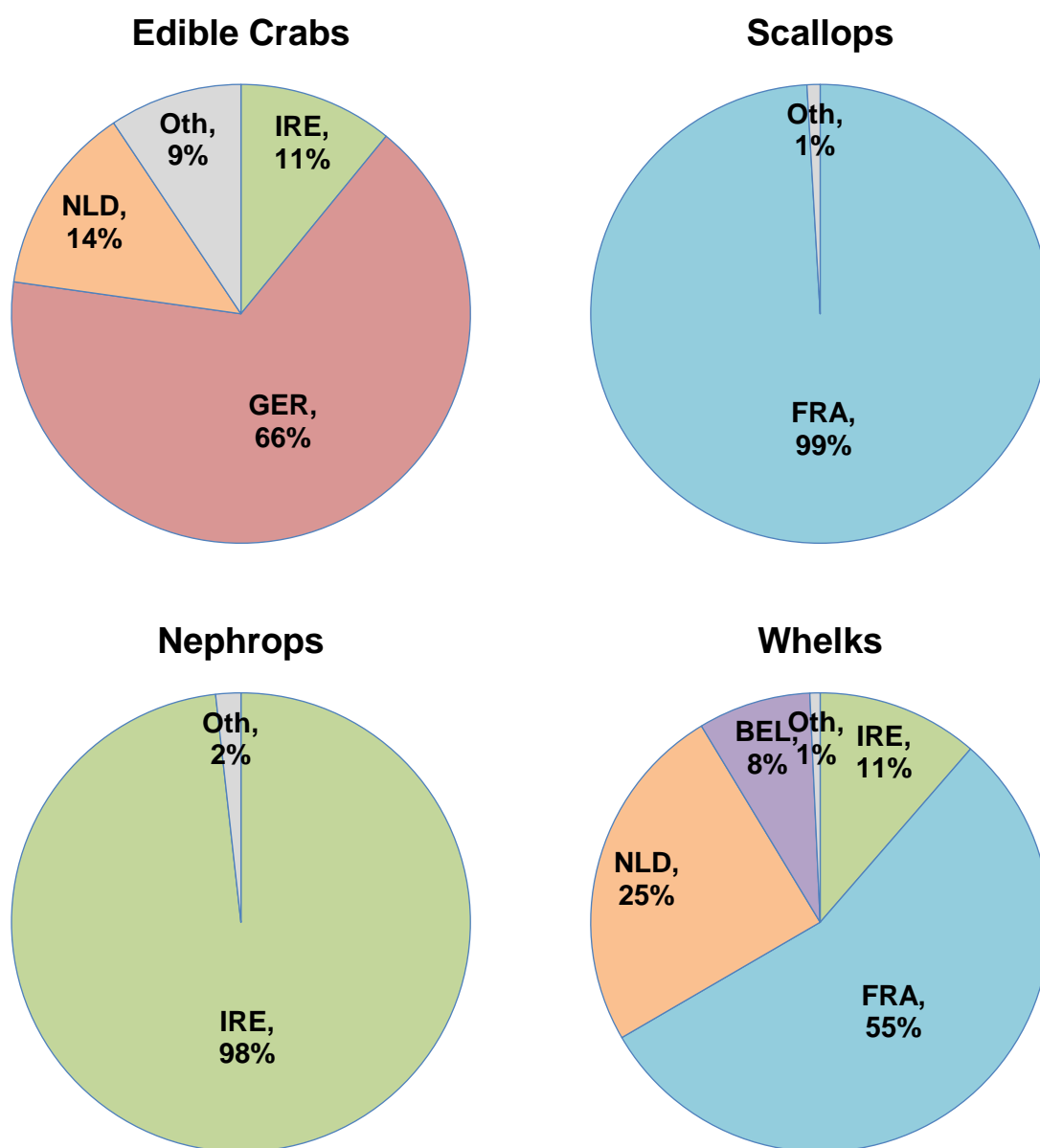


Figure 69 Breakdowns by the EEZs of capture of the principal shellfish species landed by UK fishing boats from the EU27 EEZ in 2018 (% weight).



# **EU27 Landings from the UK EEZ v. UK Landings from the EU27 EEZ**

Overall, it is estimated that EU27 fishing boats landed just over 860,000 tonnes of fish and shellfish from the UK EEZ in 2018 while UK boats landed about 100,000 tonnes from the EU27 EEZ (Table 40). Thus, EU27 boats' landings from the UK EEZ were more than eight times larger than UK boats' landings from the EU27 EEZ. Over the four years from 2015 to 2018 this 'factor' varied between about seven and 10.

By value, EU27 boats' landings from the UK EEZ were more than six times greater than UK boats' landings from the EU27 EEZ in 2018, and the factor varied between about four and seven between 2015 and 2018 (Table 40).

The factor was somewhat lower for demersal fish; between about four and five (by weight) and lowest of all, about two, for shellfish.

For pelagic fish the factor varied more, between about six and 12 by weight, or four and 19 by value.

For industrial fish, the factors were extremely high, reflecting the very small quantities of industrial fish landed by UK fishing boats (from anywhere) and the relatively large quantities caught in the UK EEZ by EU27 boats.

Table 40 Comparisons of the estimated weights and values of fish and shellfish landed annually by EU27 fishing boats from the UK EEZ and by UK boats from the EU27 EEZ from 2015 to 2018. The 'factor' is the ratio of the first to the second (that is, how much larger EU27 boats' landings from the UK EEZ are than UK boats' landings from the EU27 EEZ). Weights are in 1,000s of tonnes and values in £000s.

	2015		2016		2017		2018	
<b>All Fish and Shellfish</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>
EU27 Boats in UK EEZ	739	£415	696	£485	940	£607	863	£580
UK Boats in EU27 EEZ	107	£108	78	£95	92	£86	102	£89
<b>Factor</b>	<b>6.9</b>	<b>3.8</b>	<b>8.9</b>	<b>5.1</b>	<b>10.2</b>	<b>7.0</b>	<b>8.4</b>	<b>6.5</b>
<b>Demersal Fish</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>
EU27 Boats in UK EEZ	97	£173	100	£194	98	£226	88	£217
UK Boats in EU27 EEZ	25	£53	26	£60	21	£46	16	£41
<b>Factor</b>	<b>3.9</b>	<b>3.3</b>	<b>3.8</b>	<b>3.2</b>	<b>4.7</b>	<b>4.9</b>	<b>5.4</b>	<b>5.3</b>
<b>Pelagic Fish</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>
EU27 Boats in UK EEZ	443	£168	517	£235	553	£258	597	£260
UK Boats in EU27 EEZ	73	£39	42	£15	58	£14	72	£20
<b>Factor</b>	<b>6.1</b>	<b>4.3</b>	<b>12.4</b>	<b>15.3</b>	<b>9.5</b>	<b>18.6</b>	<b>8.3</b>	<b>13.1</b>
<b>Shellfish</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>
EU27 Boats in UK EEZ	21	£44	22	£42	22	£85	20	£69
UK Boats in EU27 EEZ	9	£16	10	£20	12	£26	13	£28
<b>Factor</b>	<b>2.3</b>	<b>2.7</b>	<b>2.2</b>	<b>2.1</b>	<b>1.8</b>	<b>3.2</b>	<b>1.5</b>	<b>2.4</b>
<b>Industrial Fish</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>	<b>Wt.</b>	<b>£</b>
EU27 Boats in UK EEZ	178	£29	57	£14	266	£38	158	£33
UK Boats in EU27 EEZ	0.1	£0.0	0.1	£0.0	1.1	£0.1	0.4	£0.1
<b>Factor</b>	<b>2,225</b>	<b>993</b>	<b>581</b>	<b>357</b>	<b>247</b>	<b>300</b>	<b>362</b>	<b>531</b>

# Discussion and Conclusions

An analysis of available data has been carried out to estimate how much fish and shellfish have been caught within the UK's Exclusive Economic Zone (UK EEZ) by European Union fishing boats, and by UK boats in other areas of the EU27 EEZ.

This analysis has used 'official' data published by the European Commission and the UK Marine Management Organisation, supplemented by additional data from other sources.

The analysis has provided breakdowns by species and species groups of the estimated weights and values of fish and shellfish caught in the UK EEZ by UK and EU27 fishing boats, and by UK boats in the EU27 EEZ, over the period from 2015 to 2018.

The estimates made in this analysis of the weight of fish and shellfish landed from the UK EEZ by UK fishing boats agree very closely with independent estimates published by the Marine Management Organisation.

The results of this analysis indicate that a high proportion – more than two-thirds – of the fish and shellfish landed from the UK EEZ were caught by non-UK boats. That amounted to some 1.4 million tonnes of fish, worth almost £900 million in 2018.

The proportion of the landings from the UK EEZ caught by EU27 boats varies widely between species groups and species but is highest for industrial and pelagic species and lowest for shellfish. Individual species such as hake, saithe, Dover sole, herring, sandeels and most other industrial species had high proportions of the total caught by EU27 boats.

Most of the fish and shellfish landed by UK fishing boats (80%) were caught in the UK EEZ. UK boats landed about 100,000 tonnes of fish and shellfish, worth about £90 million, from elsewhere in the EU27 EEZ in 2018.

That is a more than eight-fold difference in the weight of fish and shellfish (six-fold in value) landed from the UK EEZ by EU27 boats and by UK boats from the EU27 EEZ.

Analysis of a longer time series suggests that EU27 boats' landings from the UK EEZ increased two-and-a-half-fold between 2011 and 2018 while UK boats' landings increased by only 40%.

It should be recognised that some specific segments of the UK fishing fleet, and/or individual boats or fishing communities, may be more dependent on catches taken in other parts of the EU27 EEZ than these overall figures suggest.)





