



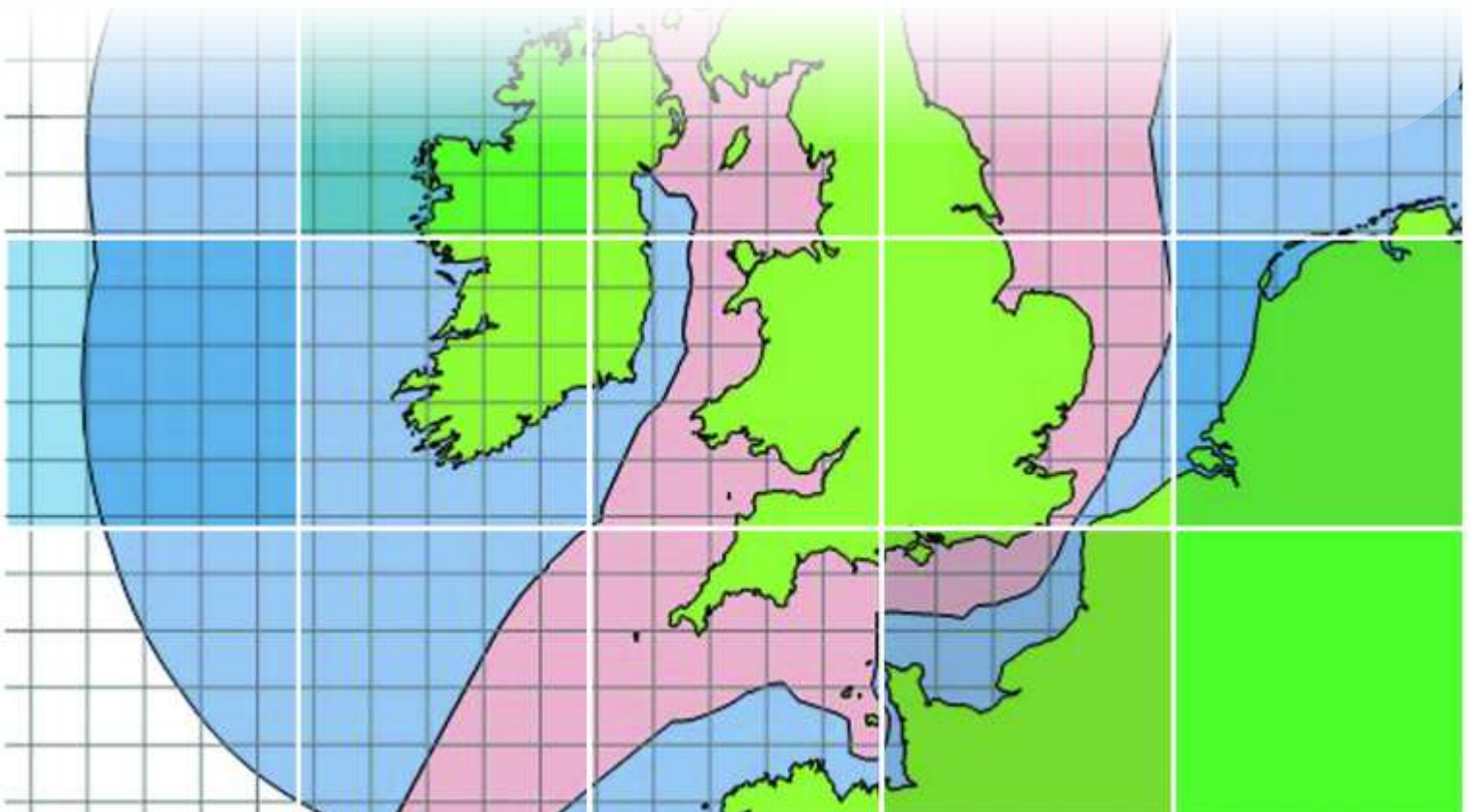
NAFC Marine Centre
University of the
Highlands and Islands

Fish Landings from the UK EEZ and UK Landings from the EU EEZ in 2016

Ian R. Napier

2nd October 2017

(revised – 25th October 2017)



Fish Landings from the UK EEZ and UK Landings from Other EEZ in 2016

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(revised – 25th October 2017)

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Revisions

25th October 2017

Analysis updated to include more detailed MMO price data for 2016. Figures, tables and text updated with new values.

Summary

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

The results of the analysis indicate that:

- ◆ EU fishing boats landed more fish and shellfish from the UK EEZ in 2016 than UK boats did (58% of the total by weight).
- ◆ About one quarter of the fish and shellfish landed by EU fishing boats from the North-East Atlantic in 2016 (23% by weight) was caught in the UK EEZ.
- ◆ Only a small proportion of the fish and shellfish landed by UK fishing boats in 2016 (12% by weight) was caught elsewhere in the EU EEZ.
- ◆ As a result, EU boats landed 10 times more fish and shellfish (by weight, six times more by value) from the UK EEZ in 2016 than UK boats did from other areas of the EU EEZ.
- ◆ The ratio between the amounts landed by EU fishing boats from the UK EEZ and by UK boats from the EU EEZ varied widely between individual species, but for 13 of the 15 principal species EU boats landed more from the UK EEZ than UK boats did from the EU EEZ.

Index

	Page
Summary	i
Introduction	3
Exclusive Economic Zones	3
Data & Analysis	5
Data	5
Analysis	5
Results	7
Total Landings	7
Landings by Species	14
Cod.....	17
Haddock.....	21
Hake.....	25
Megrin.....	29
Monks (Anglerfish).....	33
Plaice.....	37
Saithe.....	41
Common (Dover) Sole.....	45
Whiting.....	49
Blue Whiting.....	53
Herring.....	57
Horse Mackerel.....	61
Mackerel.....	65
Edible (Brown) Crabs.....	69
Nephrops ('Prawns').....	73
Scallops.....	77
Discussion and Conclusions	81

Introduction

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

- ◆ The quantities of fish landed from the UK Exclusive Economic Zone (UK EEZ) by EU fishing boats in 2016.
- ◆ The quantities of fish landed by UK fishing boats from the EU EEZ in 2016.
- ◆ The balance between UK boats' landings from the EU EEZ and EU boats' landings from the UK EEZ.

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

Exclusive Economic Zones

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

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

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

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

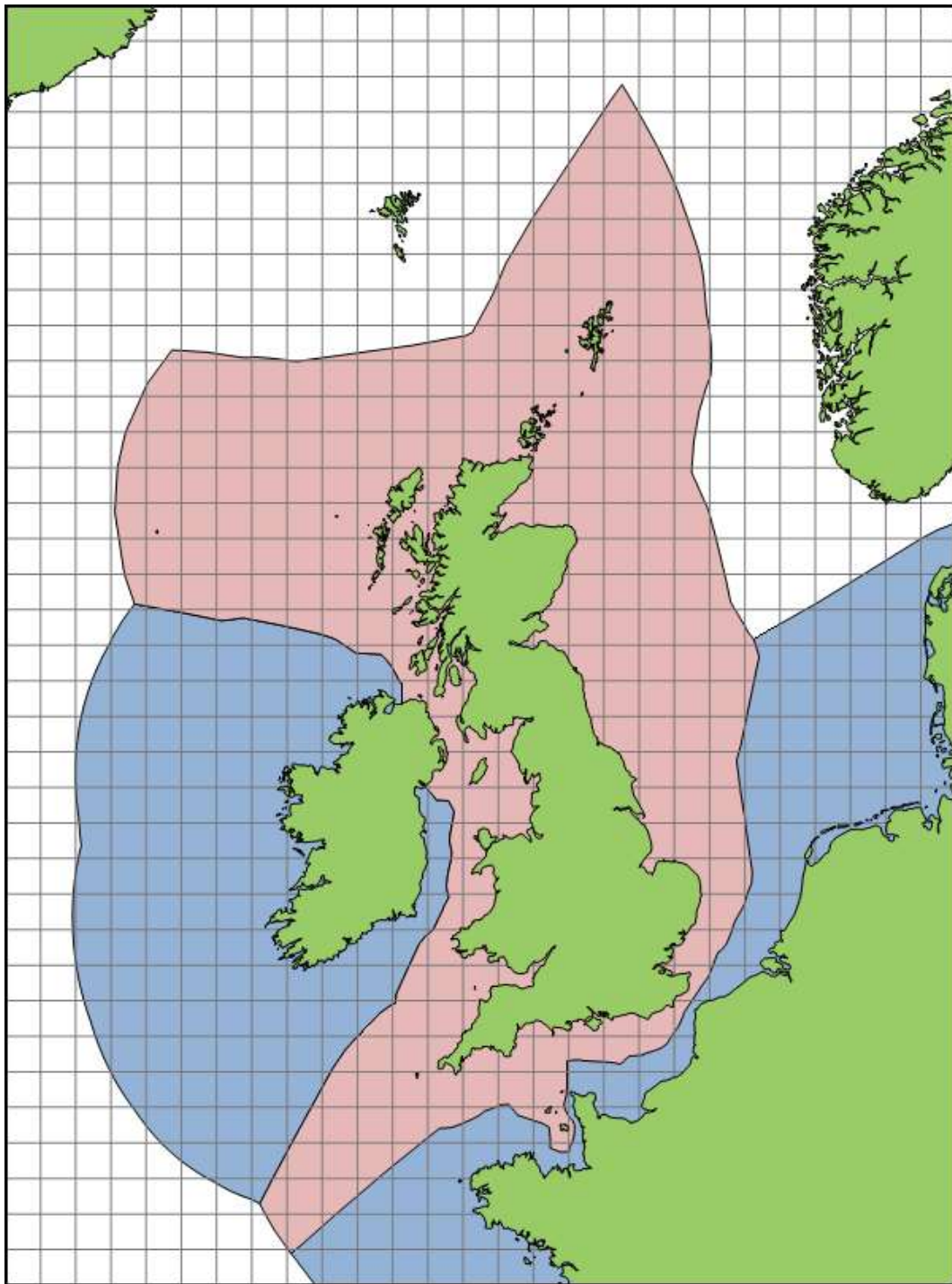


Figure 1 The United Kingdom and adjacent European Union Exclusive Economic Zones, overlain by ICES statistical rectangles. (Based on Admiralty Chart No. Q6353.)

Data & Analysis

Data

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

These data gave the live weight of all landings from the North-East Atlantic (FAO Area 27)² by UK and EU fishing boats in 2016, broken down by area, species, nationality, year and ICES statistical rectangle³.

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

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

Where the MMO data did not provide a value for a specific species an average value for the relevant species group was used.

Analysis

The weight of each species landed from each ICES statistical rectangle in 2016 by UK and EU fishing boats were determined from the STECF data. The value of landings of each species were estimated from their weights using average prices for UK landings derived from the MMO data.

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

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

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

⁴ Available at: www.gov.uk/government/uploads/system/uploads/attachment_data/file/647578/Landings_data_by_Exclusive_Economic_Zone_for_all_UK_registered_vessels_2016.xlsx

ICES rectangles were classified as being inside or outside of the UK and EU Exclusive Economic Zones (EEZs). Where a rectangle lies partly within an EEZ the proportion of the area of the rectangle within the EEZ was estimated.

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

The weight and value of landings by UK fishing boats from other areas of the EU EEZ were similarly estimated.

Distribution Maps

The distribution of the landings of each major species group by each EU Member State are presented as maps. The colours on the maps indicate the relative quantities landed from each ICES statistical rectangle; darker colours indicate higher quantities. The colour scales are defined differently to best illustrate the range of values for each map. Colours should not therefore be compared between maps. Rectangles with only small quantities of landings (less than 1 tonne per year on average) are generally not shown.

Results

Total Landings

It is estimated that UK and EU fishing boats landed 1.4 million tonnes of fish and shellfish, with a total value of £1.5 billion (£1,502 million), caught within the United Kingdom's Exclusive Economic Zone (EEZ) in 2016, (Figure 2, Figure 3). (This does not include landings from the UK EEZ by Norwegian, Faroese, or other non-EU boats.)

Of that, 810,000 tonnes (58%), worth almost £690 million (46%), were landed by EU fishing boats (Figure 3). UK fishing boats thus accounted for less than half (42% by weight) of the fish and shellfish landed from the UK EEZ in 2016, although just over half by value (54%).

It is estimated that UK fishing boats landed almost 700,000 tonnes of fish and shellfish, with a value of just under £1 billion (£966 million), from the North-East Atlantic in 2016 (Figure 2, Figure 4).

Of that, only 81,000 tonnes (12%), worth about £108 million (11%), was caught elsewhere in the EU EEZ (Figure 4). Most of the fish and shellfish landed by UK boats (84% by weight and value) was caught in the UK EEZ.

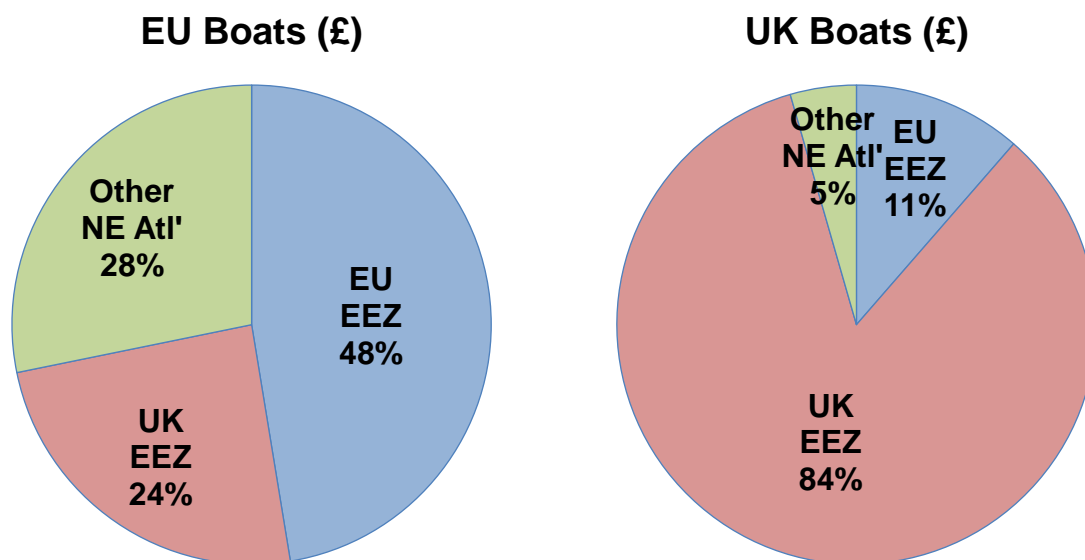
It is estimated, therefore, that EU fishing boats landed ten times more fish and shellfish (by weight) from the UK EEZ than UK boats did from other areas of the EU EEZ in 2016, or six times more by value (Figure 5).

One quarter of all the fish and shellfish landed by EU fishing boats from the North-East Atlantic in 2016 (23% by weight, 25% by value) was caught in the UK EEZ (Figure 2).

Figure 6 and Figure 7 illustrate the distributions of the catches of fish and shellfish by EU and UK fishing boats in relation to the UK EEZ in 2016.

For details of landings of individual species see page 14.

All Fish & Shellfish

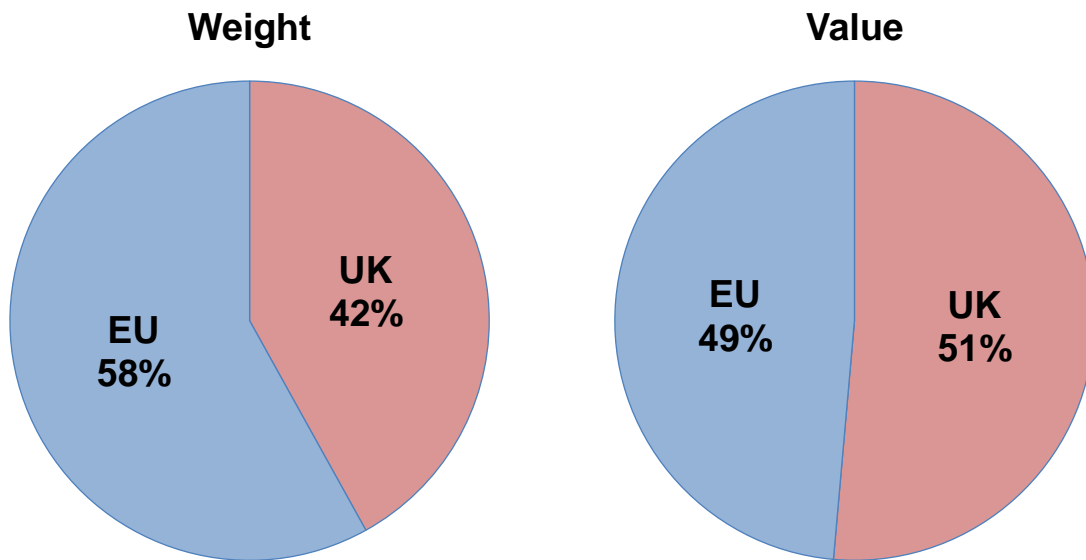


All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	1,161.4	32%	£1,461.5	47%
from UK EEZ	809.9	23%	£751.6	24%
from Elsewhere in NE Atlantic	1,604.4	45%	£869.5	28%
TOTAL	3,575.7	100%	£3,082.6	100%
UK Boats				
from EU EEZ	81.2	12%	£107.6	11%
from UK EEZ	585.0	84%	£794.8	84%
from Elsewhere in NE Atlantic	31.8	5%	£42.1	4%
TOTAL	697.9	100%	£944.6	100%
UK EEZ				
UK Boats	585.0	42%	£794.8	51%
EU Boats	809.9	58%	£751.6	49%
TOTAL	1,394.9	100%	£1,546.4	100%
Ratio (EU:UK)	10.0 : 1		7.0 : 1	

Figure 2 Breakdown of the estimated weights and values of all fish and shellfish landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

All Fish & Shellfish

United Kingdom EEZ

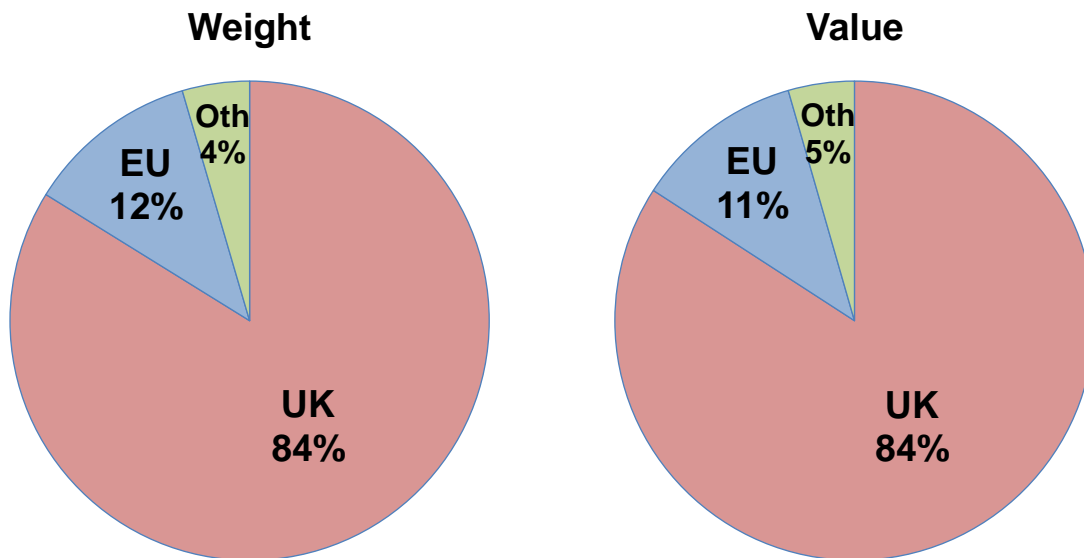


All Fish & Shellfish	Weight ('000 t.)	Value (£ m)
UK Boats	585.0 42%	£794.8 51%
EU Boats	809.9 58%	£751.6 49%
TOTAL	1,394.9	£1.546.4

Figure 3 Breakdown of the estimated weights and values of all fish and shellfish landed from the UK EEZ by UK and EU fishing boats in 2016. (Does not include landings from the UK EEZ by Norwegian, Faroese or other non-EU fishing boats.)

All Fish & Shellfish

United Kingdom Boats

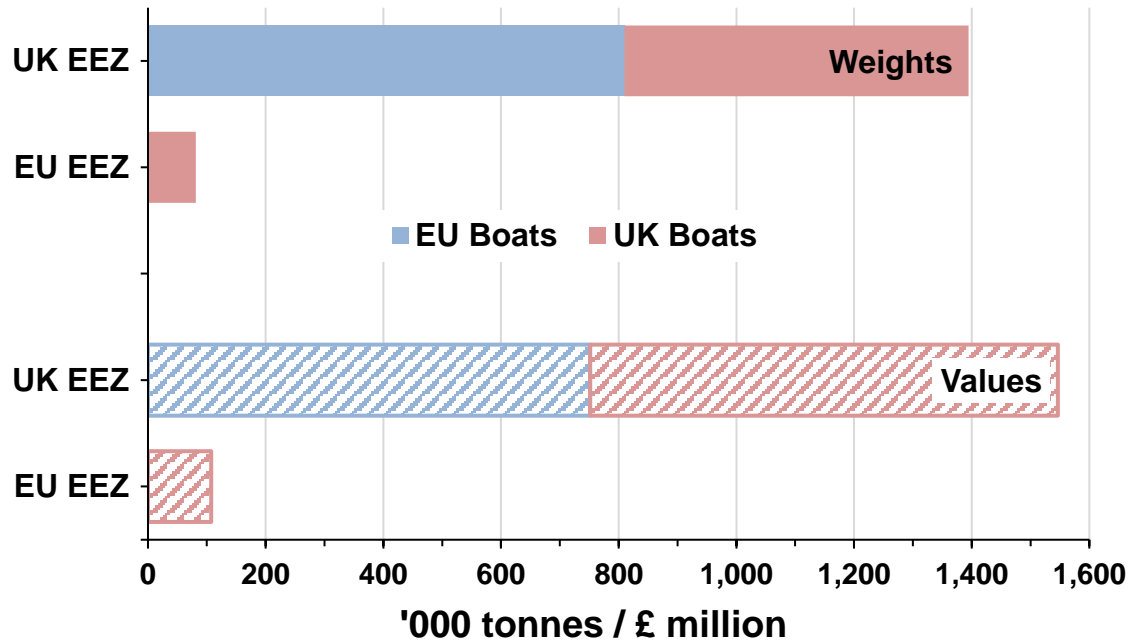


All Fish & Shellfish	Weight ('000 t.)		Value (£ m)	
UK EEZ	585.0	84%	£794.8	84%
EU EEZ	81.2	12%	£107.6	11%
Other Areas	31.8	5%	£42.1	4%
TOTAL	697.9		£944.6	

Figure 4 Breakdown of the estimated weights and values of all fish and shellfish landed by UK fishing boats from North-East Atlantic (FAO Area 27) in 2016 between the UK and EU EEZs and other areas.

All Fish & Shellfish

Comparison



All Fish & Shellfish			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	585.0	£794.8
EU Boats	from	UK EEZ	809.9	£751.6
UK Boats	from	EU EEZ	81.2	£107.6
Ratio (EU : UK)			10.0 : 1	7.0 : 1

Figure 5 Comparison of the estimated weights and values of all fish and shellfish landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

All Fish & Shellfish



EU Fishing Boats

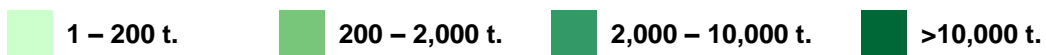
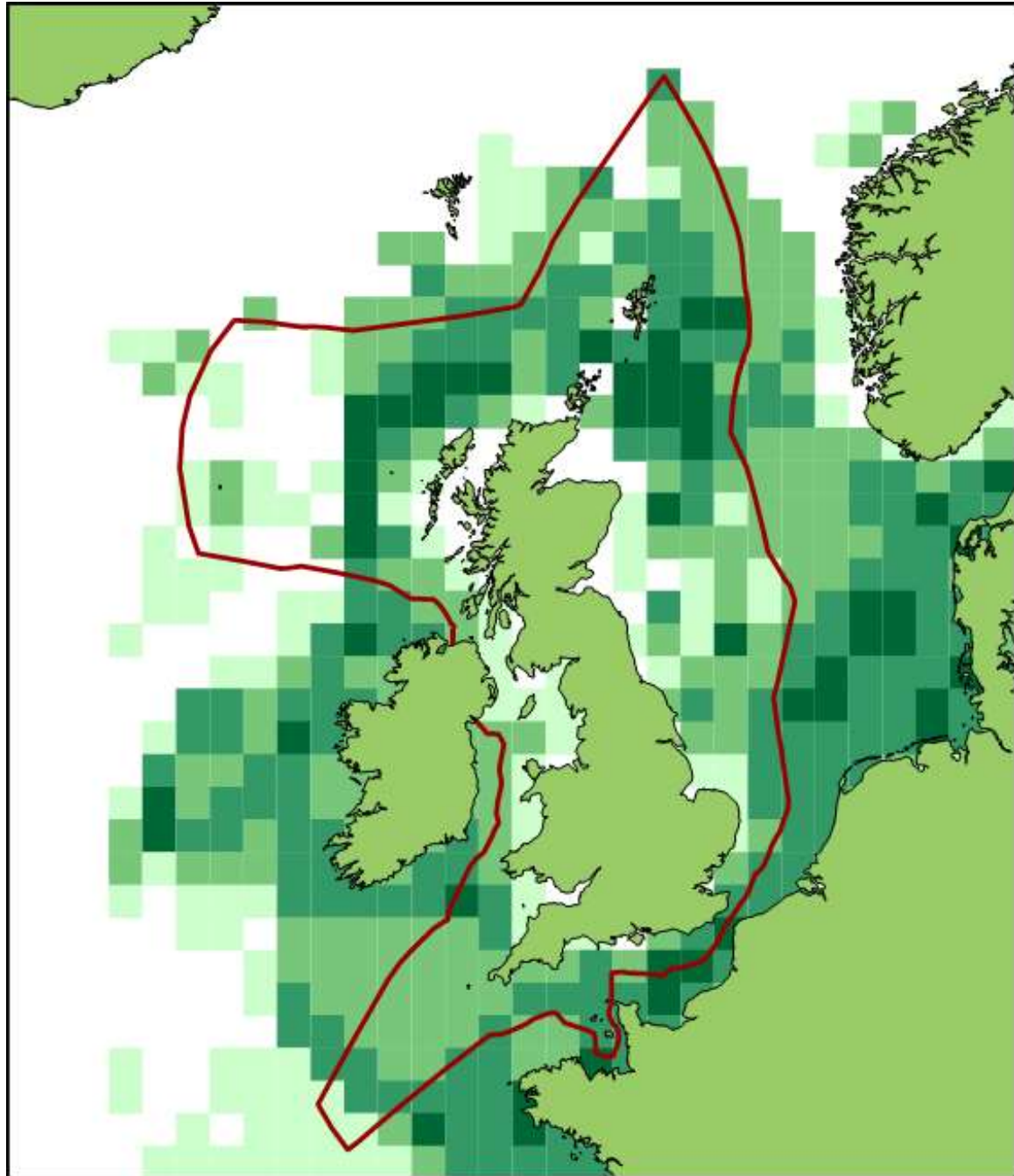


Figure 6 Landings of all fish and shellfish by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

All Fish & Shellfish



UK Fishing Boats

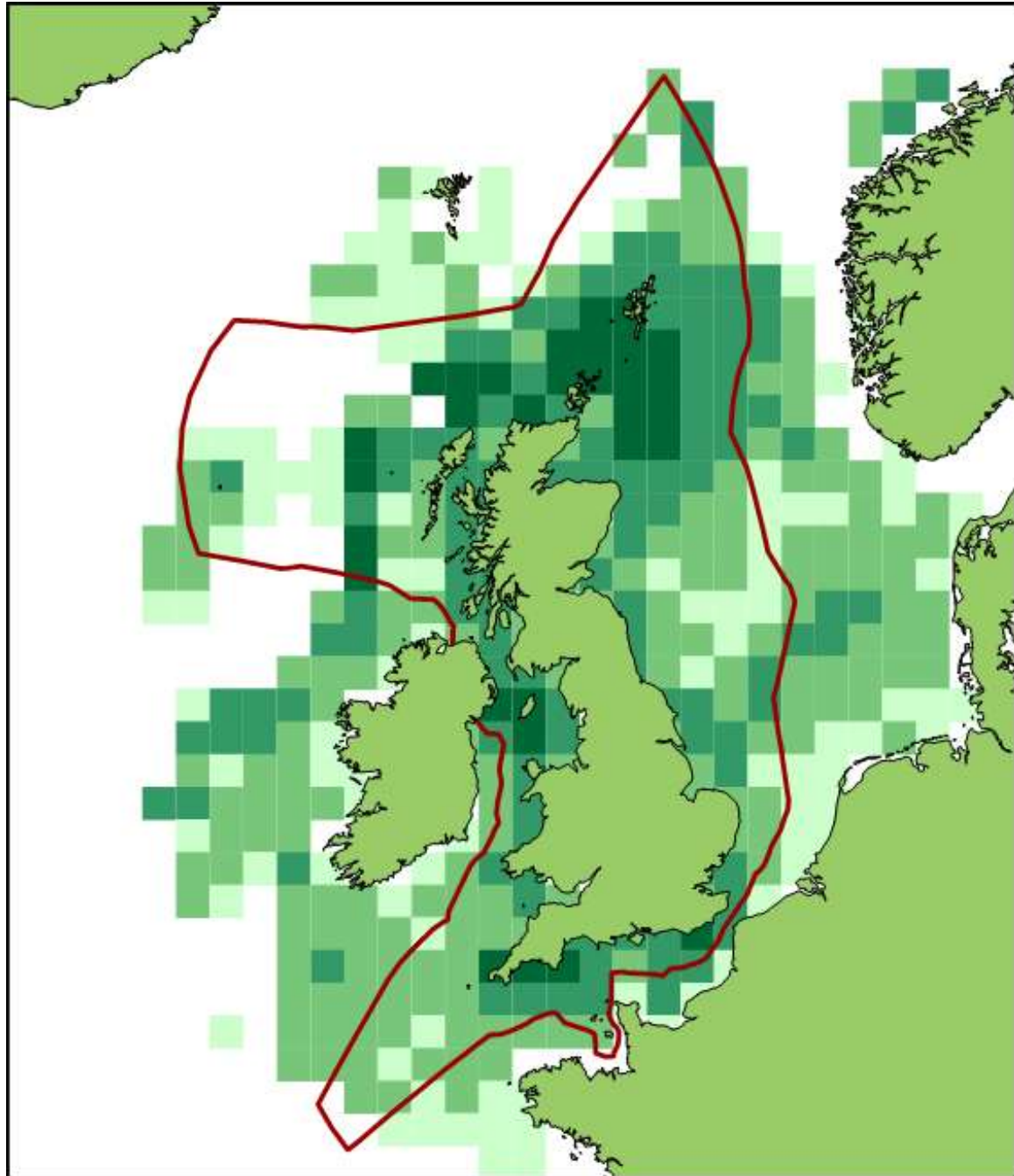


Figure 7 Landings of all fish and shellfish by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Landings by Species

Landings by EU fishing boats from the UK EEZ in 2016 were dominated by mackerel, herring and hake, which together accounted for half of all the landings (54% by weight, 52% by value) (Figure 8).

And ten species accounted for three-quarters of the fish and shellfish landed from the UK EEZ by EU fishing boats (76% by weight and value) (Figure 8).

Three pelagic species – mackerel, herring and blue whiting – accounted for two-thirds of the landings by EU boats from the UK EEZ (66% by weight), and almost half the value (48%) (Figure 8).

Landings by UK fishing boats from the EU EEZ in 2016 were more varied, with no species especially dominant (Figure 9). The most valuable species was monks (anglerfish), which accounted for 17% of the total value of the fish and shellfish landed from the EU EEZ by UK boats, followed by plaice (16%) and hake (9%).

By weight, blue whiting accounted about one-third of the landings from the EU EEZ by UK boats (32% by weight), but only a small proportion (5%) of the value (Figure 9).

Figure 10 to Figure 73 provide detailed information on the landings of individual species by EU fishing boats from the UK EEZ and by UK boats from the EU EEZ:

- ◆ Cod.....page 17
- ◆ Haddockpage 21
- ◆ Hakepage 25
- ◆ Megrimpage 29
- ◆ Monks (Anglerfish).....page 33
- ◆ Plaice.....page 37
- ◆ Saithepage 41
- ◆ Sole (Common / Dover)page 45
- ◆ Whitingpage 49

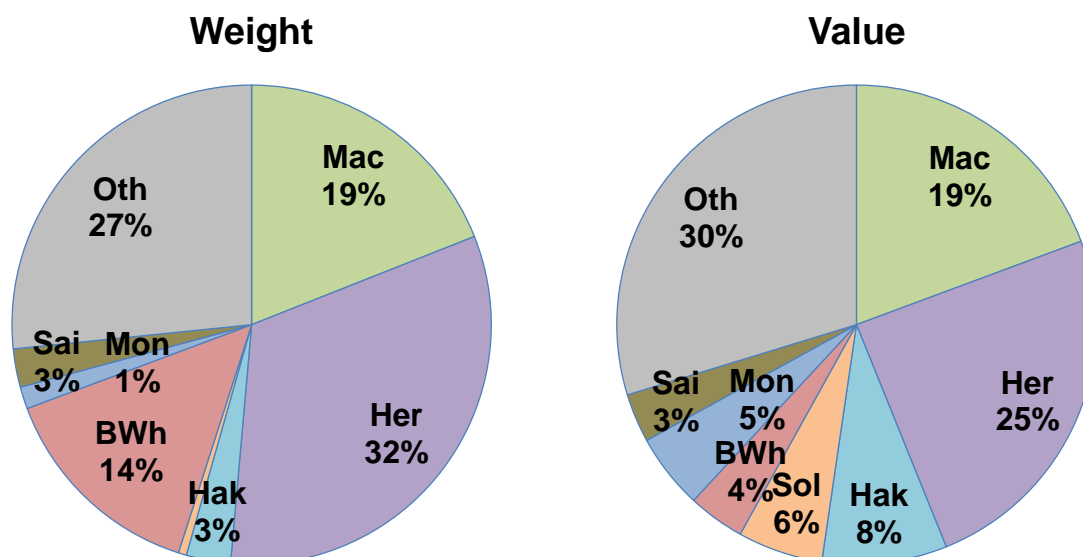
- ◆ Blue Whitingpage 53
- ◆ Herring.....page 57
- ◆ Horse Mackerelpage 61
- ◆ Mackerel.....page 65

- ◆ Crabs (Edible / Brown).....page 69
- ◆ Nephrops ('Prawns')page 73
- ◆ Scallops.....page 77

All Fish & Shellfish



EU Boats from UK EEZ



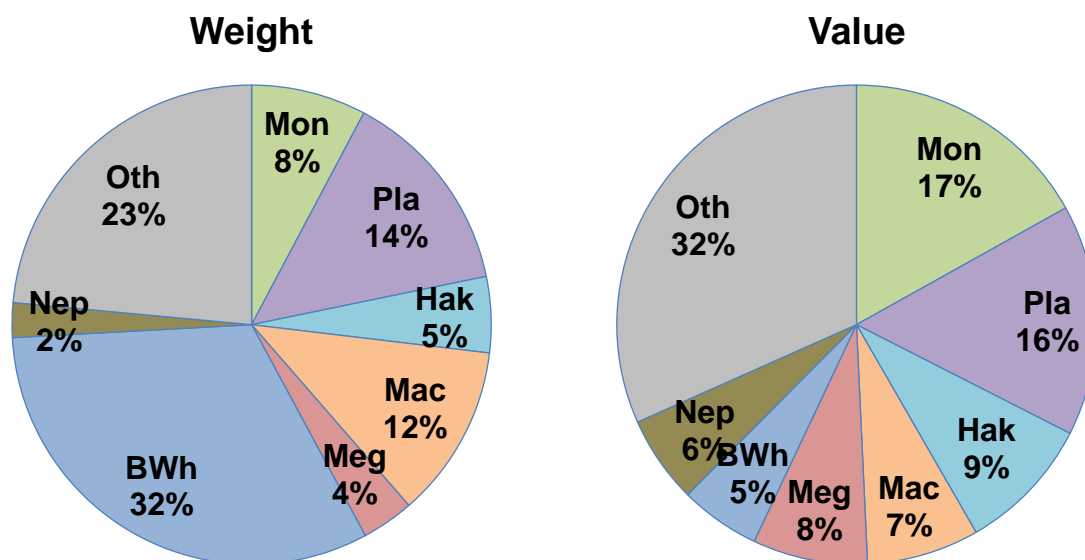
from UK EEZ	Weight ('000 t.)		Value (£ m)			
	%	Cum %	%	Cum %		
1 Mackerel	153.9	19%	19%	£133.4	18%	18%
2 Herring	262.4	32%	51%	£160.3	21%	39%
3 Hake	24.2	3%	54%	£57.2	8%	47%
4 Common Sole	4.4	1%	55%	£40.6	5%	52%
5 Blue Whiting	116.4	14%	69%	£26.3	4%	56%
6 Monks	12.0	1%	71%	£35.3	5%	60%
7 Saithe	21.0	3%	73%	£21.6	3%	63%
8 Nephrops	4.6	1%	74%	£15.1	2%	65%
9 Horse Mackerel	22.4	3%	77%	£9.5	1%	66%
10 Megrin	4.4	1%	77%	£13.3	2%	68%
11 Plaice	9.5	1%	78%	£12.7	2%	70%
12 Whiting	11.1	1%	80%	£11.6	2%	71%
13 Scallops	4.2	1%	80%	£9.9	1%	73%
14 Haddock	5.0	1%	81%	£6.6	1%	74%
15 Cod	3.8	0%	81%	£6.1	1%	74%
Others	150.5	19%	100%	£192.2	26%	100%
Total	809.9	100%		£751.6	100%	

Figure 8 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the UK EEZ by EU fishing boats in 2016. Species ranked by value.

All Fish & Shellfish



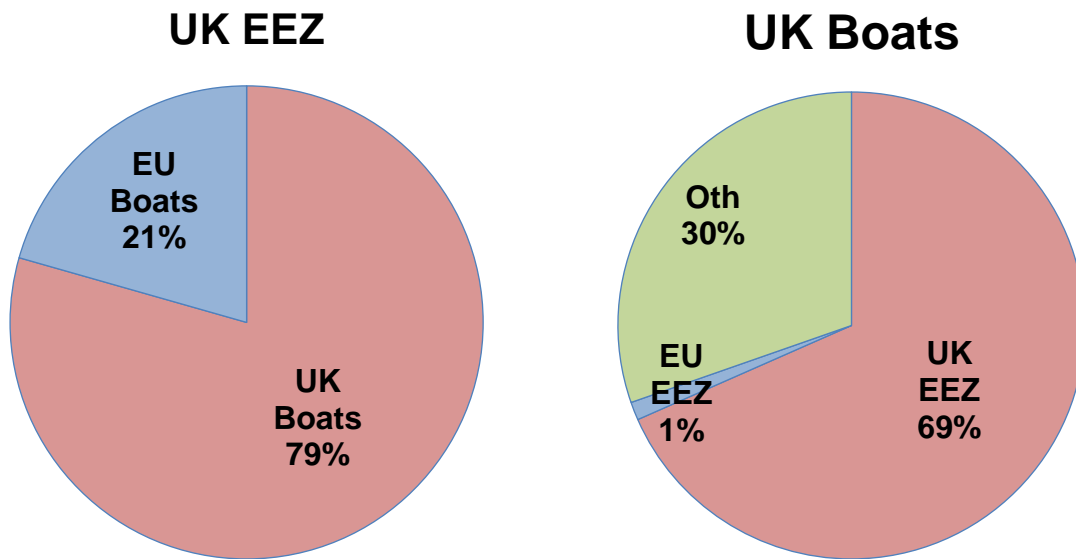
UK Boats from EU EEZ



from EU EEZ	Weight ('000 t.)		Value (£ m)			
	%	Cum %	%	Cum %		
1 Monks	6.3	8%	8%	£18.5	17%	17%
2 Plaice	11.4	14%	22%	£15.2	14%	31%
3 Hake	4.2	5%	27%	£9.8	9%	40%
4 Mackerel	9.5	12%	39%	£8.2	8%	48%
5 Megrin	2.9	4%	42%	£8.6	8%	56%
6 Blue Whiting	26.0	32%	74%	£5.9	5%	62%
7 Nephrops	1.9	2%	76%	£6.2	6%	67%
8 Scallops	2.6	3%	80%	£6.0	6%	73%
9 Edible Crab	3.3	4%	84%	£4.6	4%	77%
10 Common Sole	0.4	0%	84%	£3.6	3%	81%
Other spp.	12.9	16%	100%	£21.0	19%	100%
EU Total	81.2	100%		£107.6	100%	

Figure 9 Breakdown of the estimated weights and values of the principal fish and shellfish species landed from the EU EEZ by UK fishing boats in 2016. Species ranked by value.

Cod



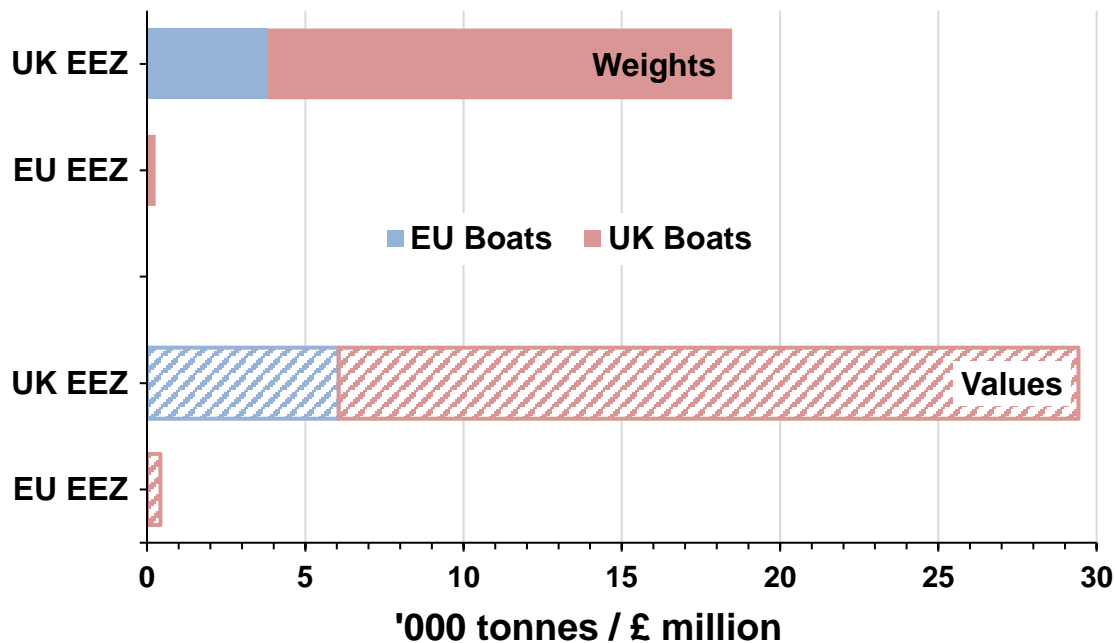
Cod	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	7.6	8%	£12.1	8%
from UK EEZ	3.8	4%	£6.1	4%
from Elsewhere in NE Atlantic*	82.7	88%	£131.7	88%
TOTAL	94.1	100%	£149.8	100%
UK Boats				
from EU EEZ	0.3	1%	£0.4	1%
from UK EEZ	14.7	68%	£23.4	68%
from Elsewhere in NE Atlantic	6.5	30%	£10.4	30%
TOTAL	21.5	100%	£34.2	100%
UK EEZ				
UK Boats	14.7	79%	£23.4	79%
EU Boats	3.8	21%	£6.1	21%
TOTAL	18.5	100%	£29.4	100%
Ratio (EU:UK)	14.2 : 1		14.2 : 1	

* for EU Boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 10 Breakdown of the estimated weights and values of cod landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Cod

Comparison



Cod			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	14.7	£23.4
EU Boats	from	UK EEZ	3.8	£6.1
UK Boats	from	EU EEZ	0.3	£0.4
Ratio (EU : UK)			14.2 : 1	14.2 : 1

Figure 11 Comparison of the estimated weights and values of cod landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Cod



EU Fishing Boats

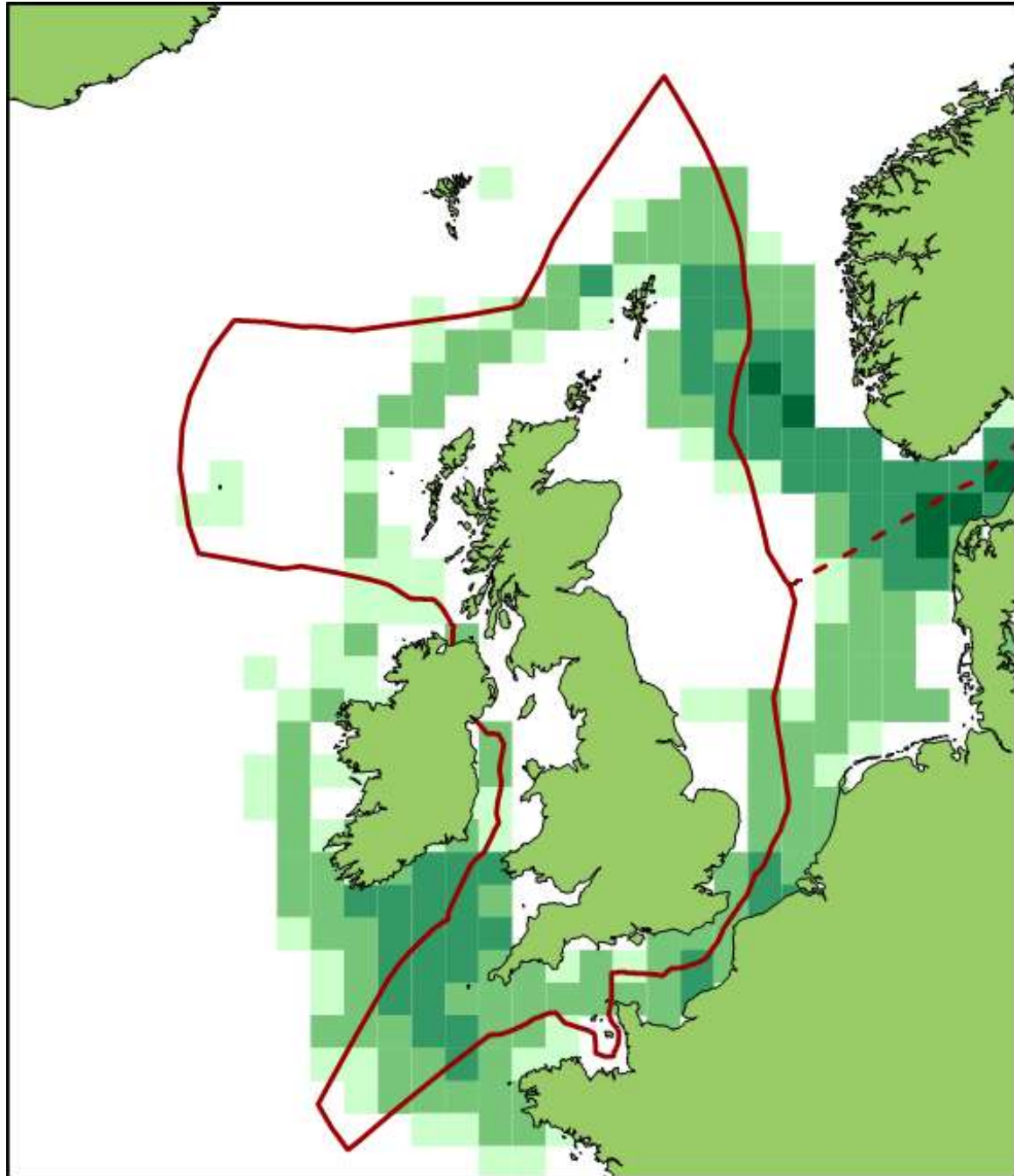


Figure 12 Landings of cod by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Cod



UK Fishing Boats

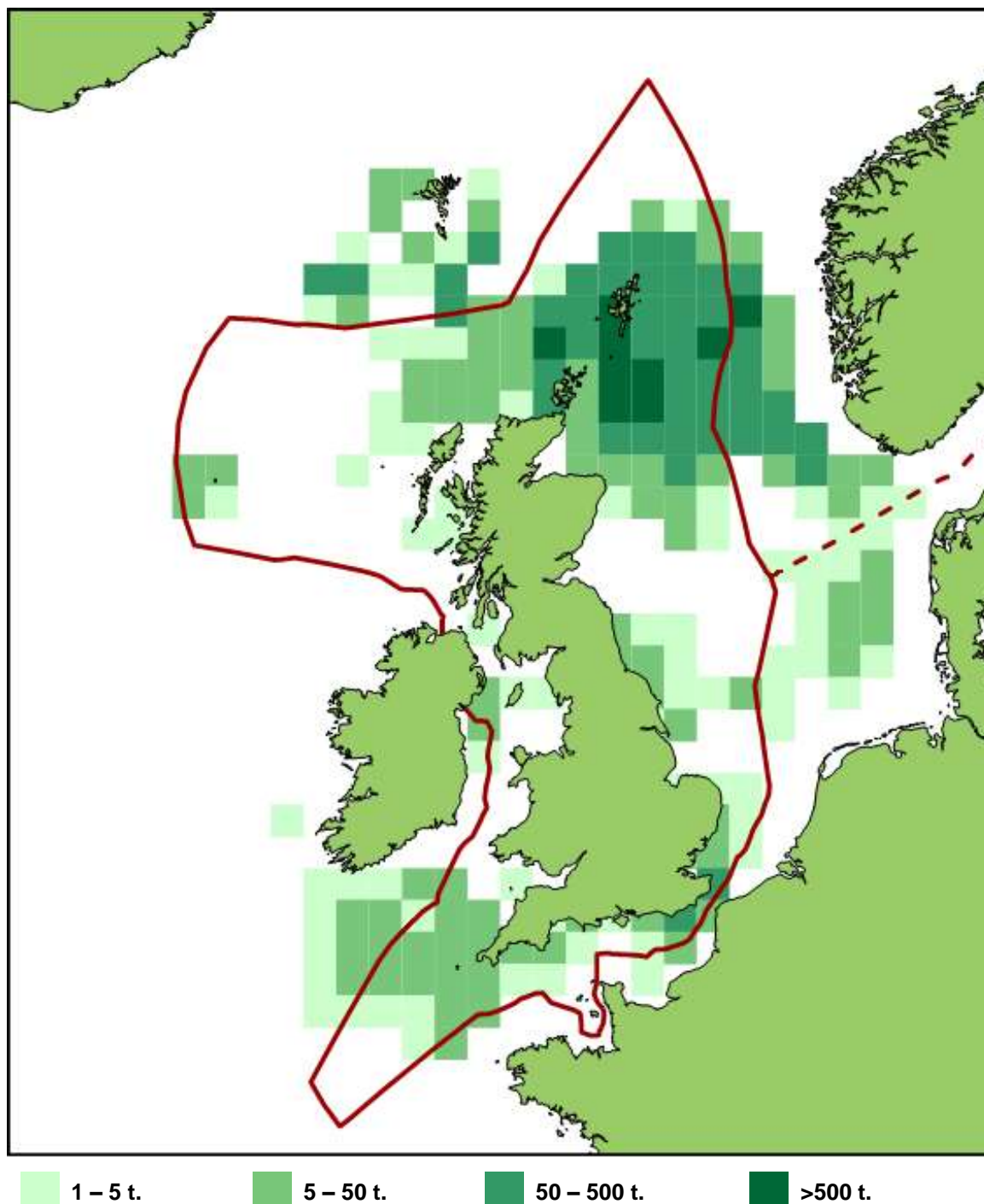
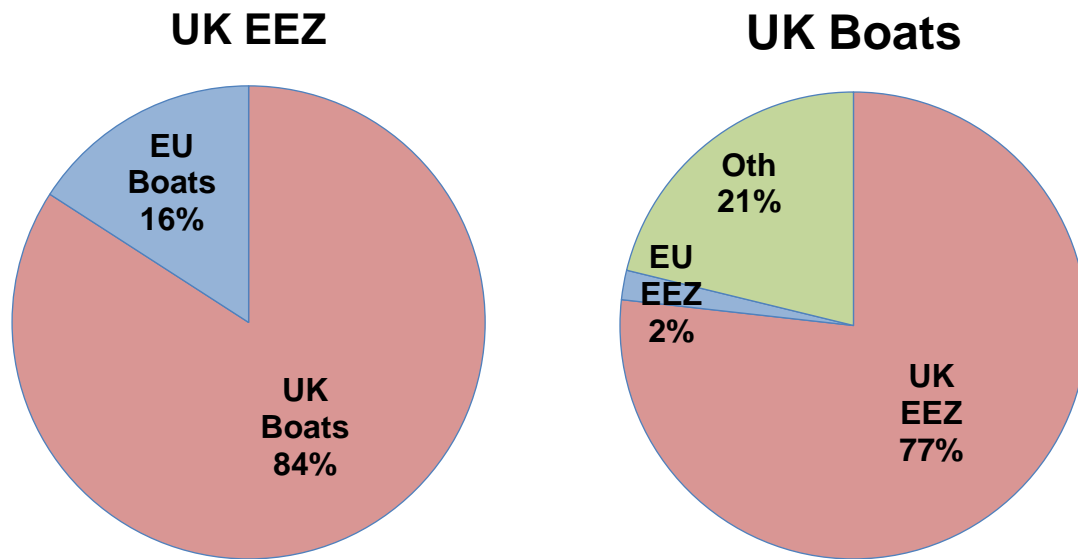


Figure 13 Landings of cod by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Haddock



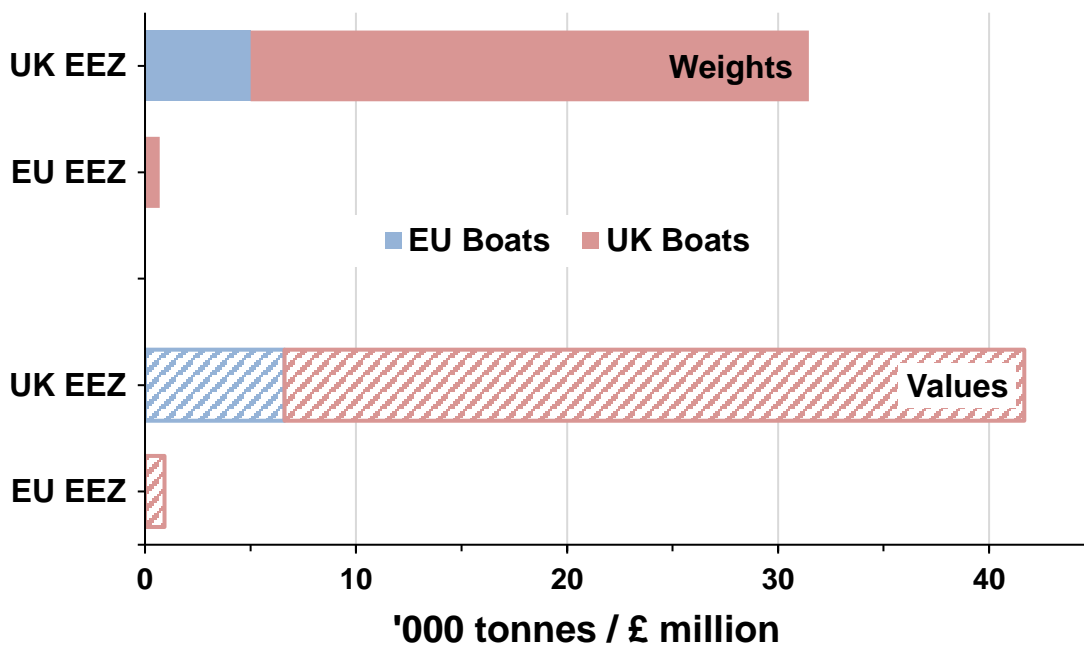
Haddock	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	5.2	39%	£6.8	39%
from UK EEZ	5.0	37%	£6.6	37%
from Elsewhere in NE Atlantic*	3.2	24%	£4.2	24%
TOTAL	13.4	100%	£17.6	100%
UK Boats				
from EU EEZ	0.7	2%	£0.9	2%
from UK EEZ	26.5	77%	£34.8	77%
from Elsewhere in NE Atlantic	7.3	21%	£9.6	21%
TOTAL	34.5	100%	£45.3	100%
UK EEZ				
UK Boats	26.5	84%	£34.8	84%
EU Boats	5.0	16%	£6.6	16%
TOTAL	31.5	100%	£41.4	100%
Ratio (EU:UK)	7.1 : 1		7.1 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 14 Breakdown of the estimated weights and values of haddock landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Haddock

Comparison



Haddock			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	26.5	£34.8
EU Boats	from	UK EEZ	5.0	£6.6
UK Boats	from	EU EEZ	0.7	£0.9
Ratio (EU : UK)			7.1 : 1	7.1 : 1

Figure 15 Comparison of the estimated weights and values of haddock landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Haddock



EU Fishing Boats

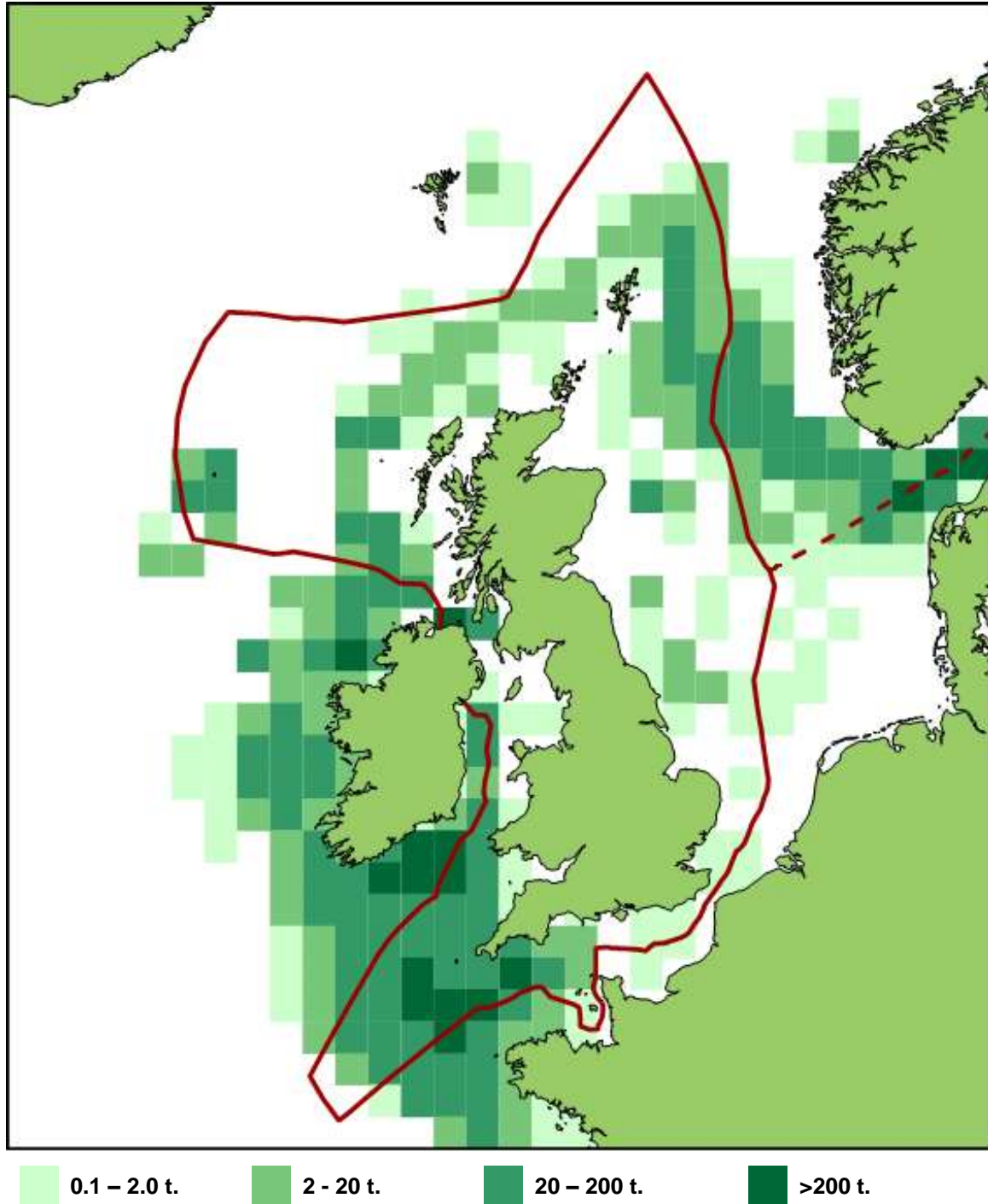


Figure 16 Landings of haddock by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Haddock



UK Fishing Boats

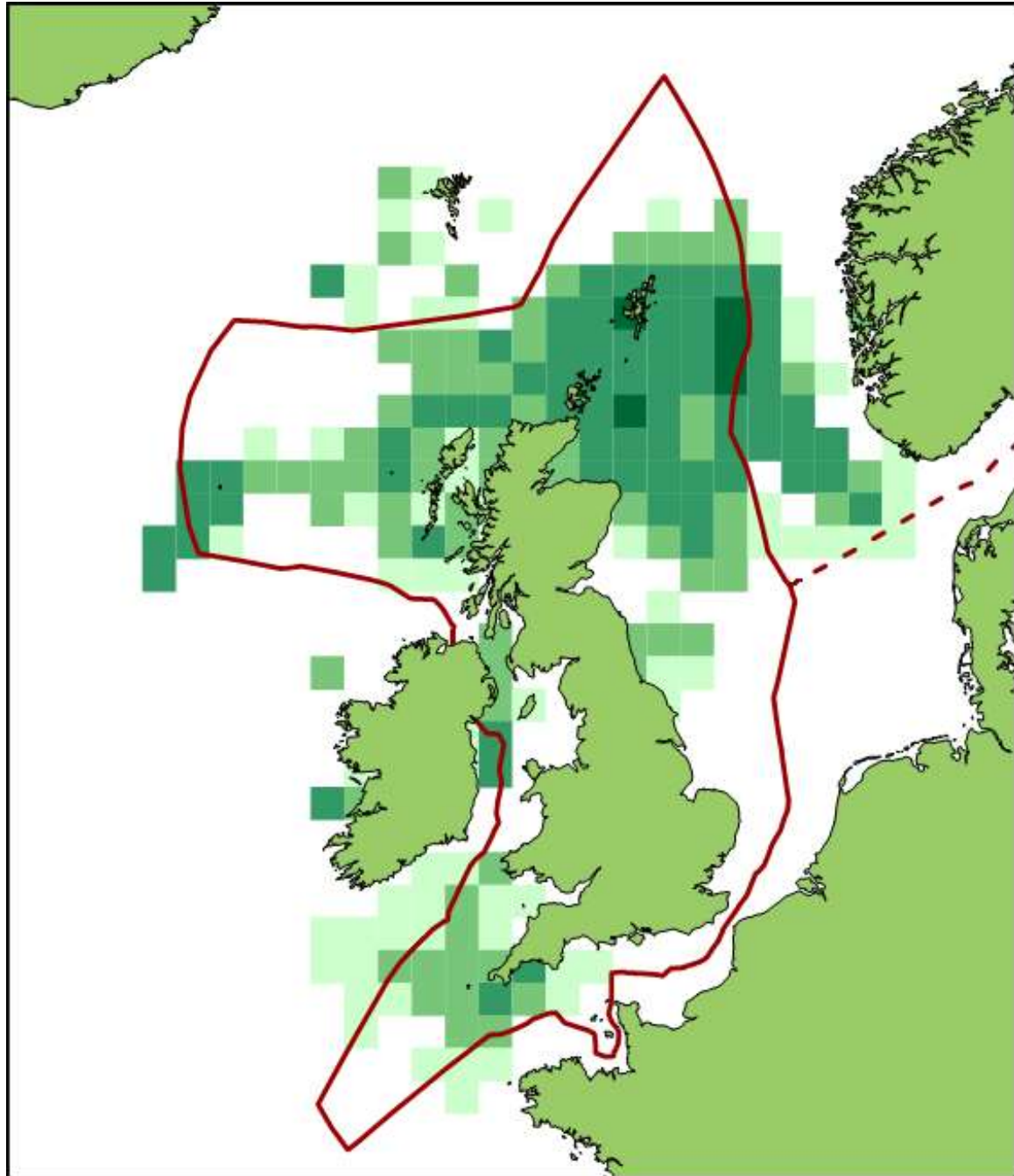
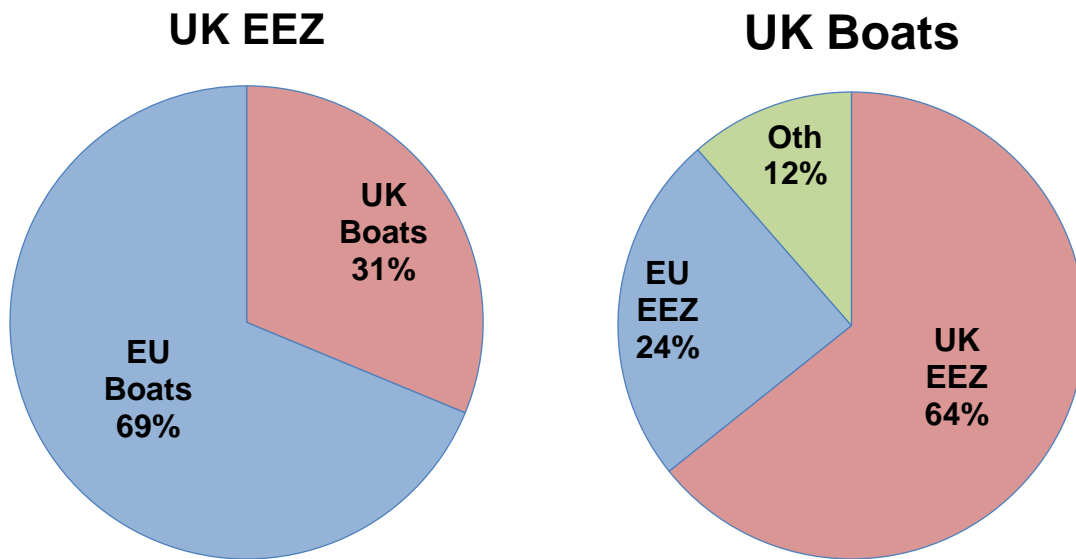


Figure 17 Landings of haddock by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Hake



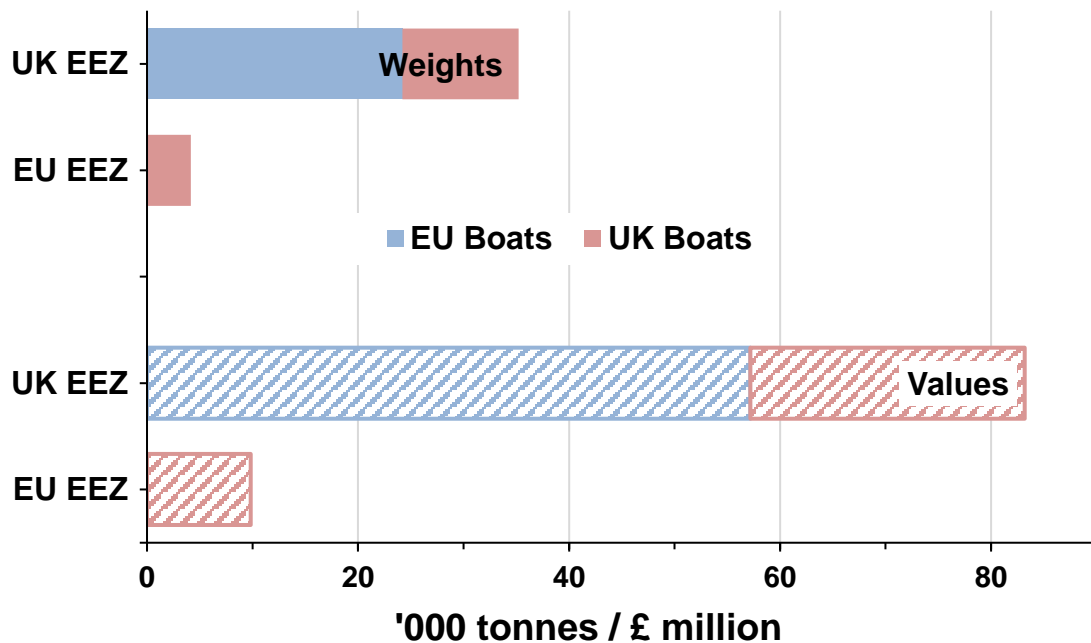
Hake	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	84.5	76%	£199.6	76%
from UK EEZ	24.2	22%	£57.2	22%
from Elsewhere in NE Atlantic*	2.9	3%	£6.8	3%
TOTAL	111.7	100%	£263.7	100%
UK Boats				
from EU EEZ	4.2	24%	£9.8	24%
from UK EEZ	11.0	64%	£26.0	64%
from Elsewhere in NE Atlantic	2.0	11%	£4.6	11%
TOTAL	17.1	100%	£40.4	100%
UK EEZ				
UK Boats	11.0	31%	£26.0	31%
EU Boats	24.2	69%	£57.2	69%
TOTAL	35.2	100%	£83.2	100%
Ratio (EU:UK)	5.8 : 1		5.8 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 18 Breakdown of the estimated weights and values of hake landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Hake

Comparison



Hake			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	11.0	£26.0
EU Boats	from	UK EEZ	24.2	£57.2
UK Boats	from	EU EEZ	4.2	£9.8
Ratio (EU : UK)			5.8 : 1	5.8 : 1

Figure 19 Comparison of the estimated weights and values of hake landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Hake



EU Fishing Boats

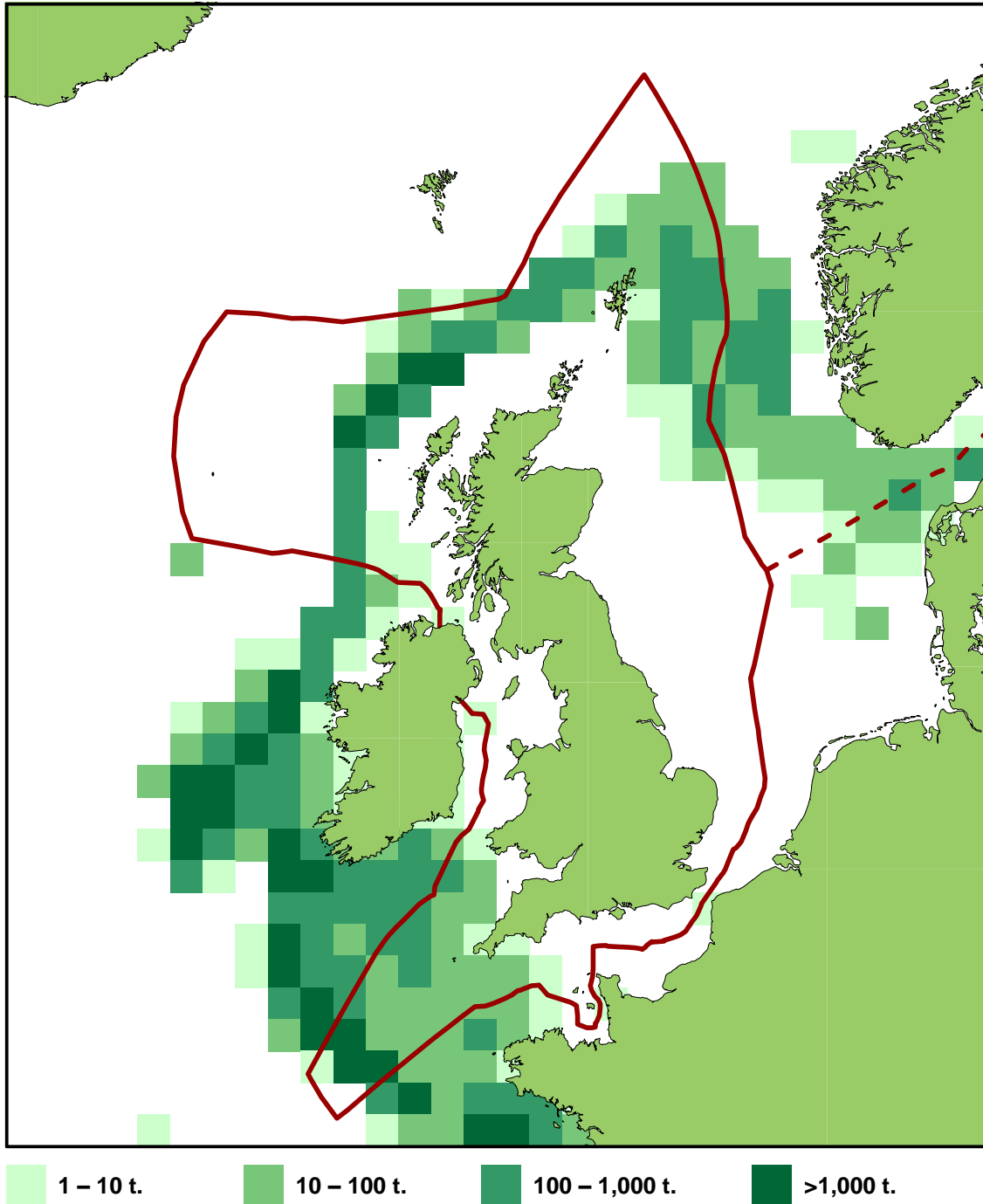


Figure 20 Landings of hake by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Hake



UK Fishing Boats

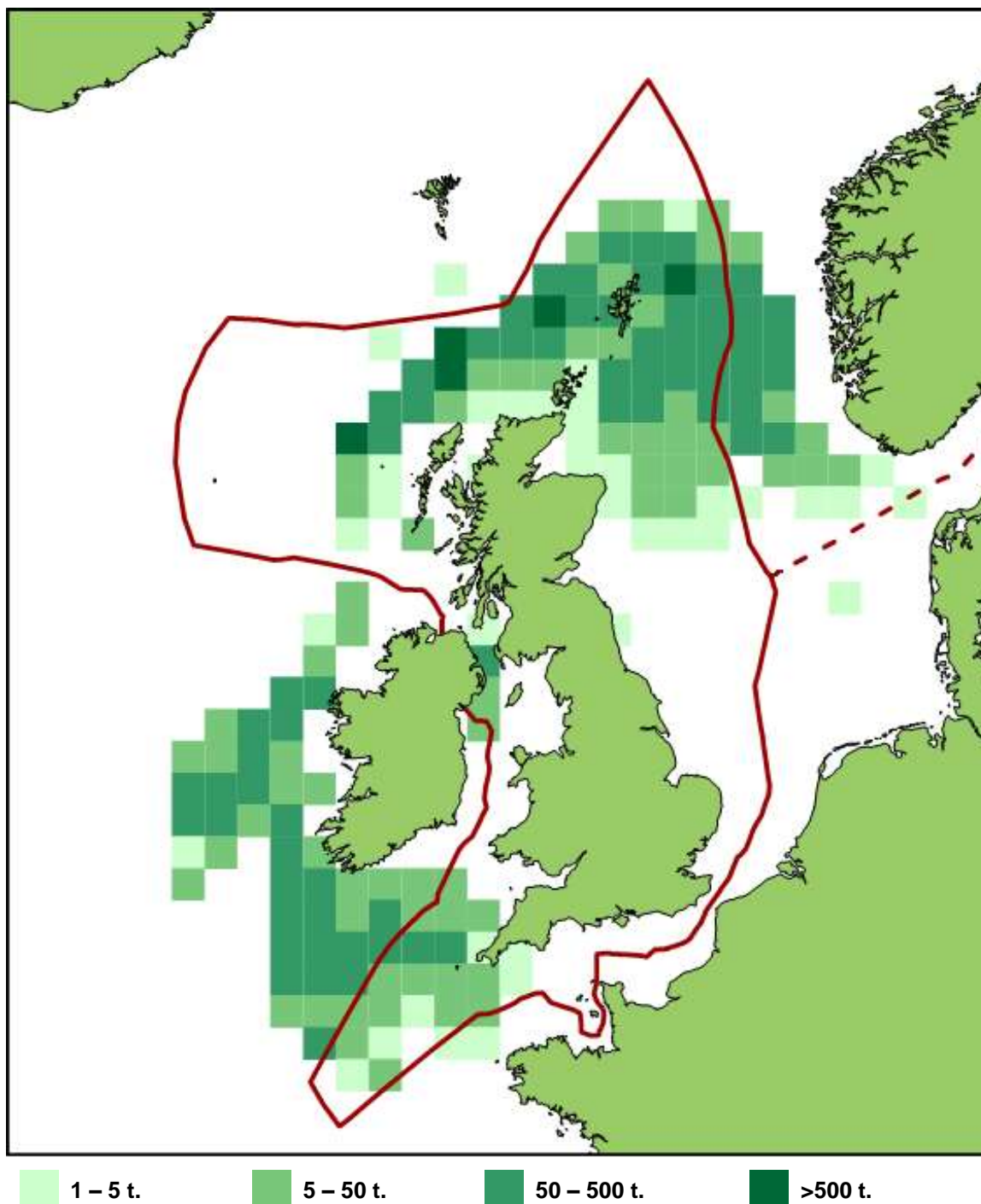
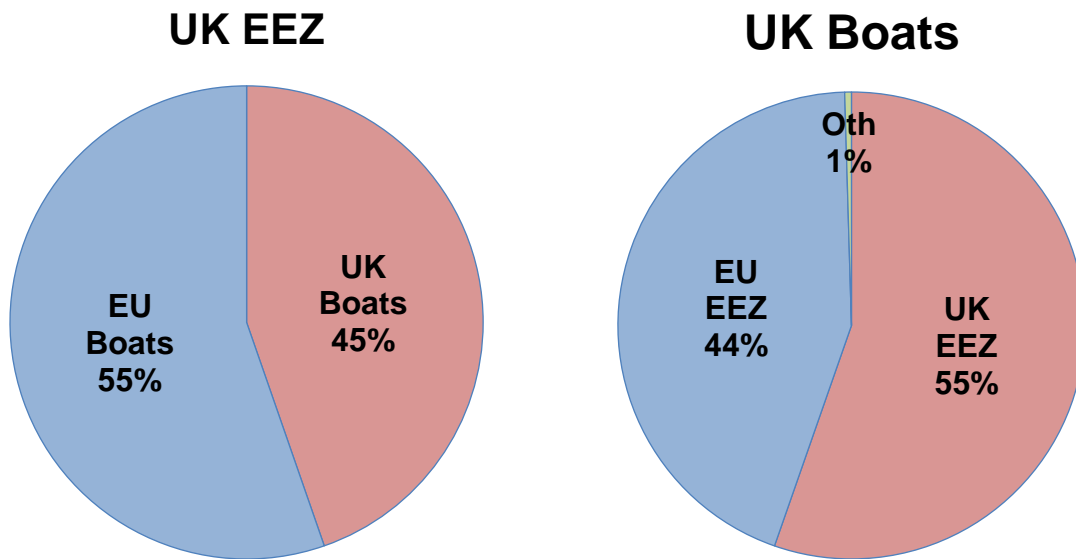


Figure 21 Landings of hake by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Megrim



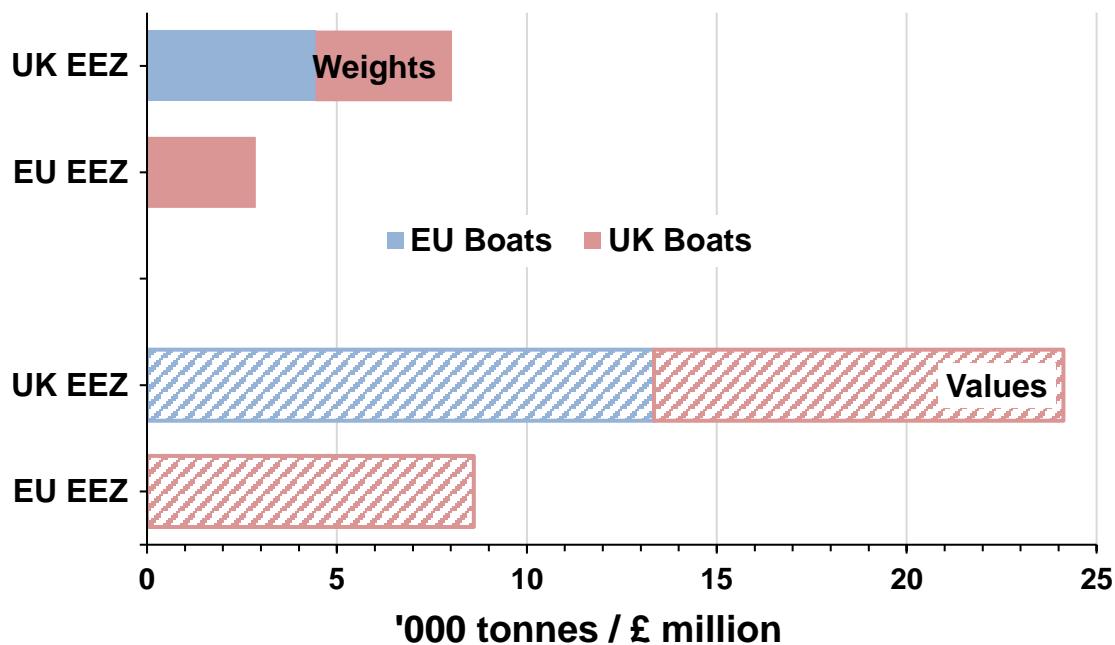
Megrim	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	11.1	71%	£33.5	71%
from UK EEZ	4.4	28%	£13.3	28%
from Elsewhere in NE Atlantic*	0.1	1%	£0.4	1%
TOTAL	15.7	100%	£47.2	100%
UK Boats				
from EU EEZ	2.9	44%	£8.6	44%
from UK EEZ	3.6	55%	£10.8	55%
from Elsewhere in NE Atlantic	0.0	0%	£0.1	0%
TOTAL	6.5	100%	£19.5	100%
UK EEZ				
UK Boats	3.6	45%	£10.8	45%
EU Boats	4.4	55%	£13.3	55%
TOTAL	8.0	100%	£24.1	100%
Ratio (EU:UK)	1.6 : 1		1.6 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 22 Breakdown of the estimated weights and values of megrim landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Megrim

Comparison



Megrim			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	3.6	£10.8
EU Boats	from	UK EEZ	4.4	£13.3
UK Boats	from	EU EEZ	2.9	£8.6
Ratio (EU : UK)			1.6 : 1	1.6 : 1

Figure 23 Comparison of the estimated weights and values of megrim landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Megrim



EU Fishing Boats

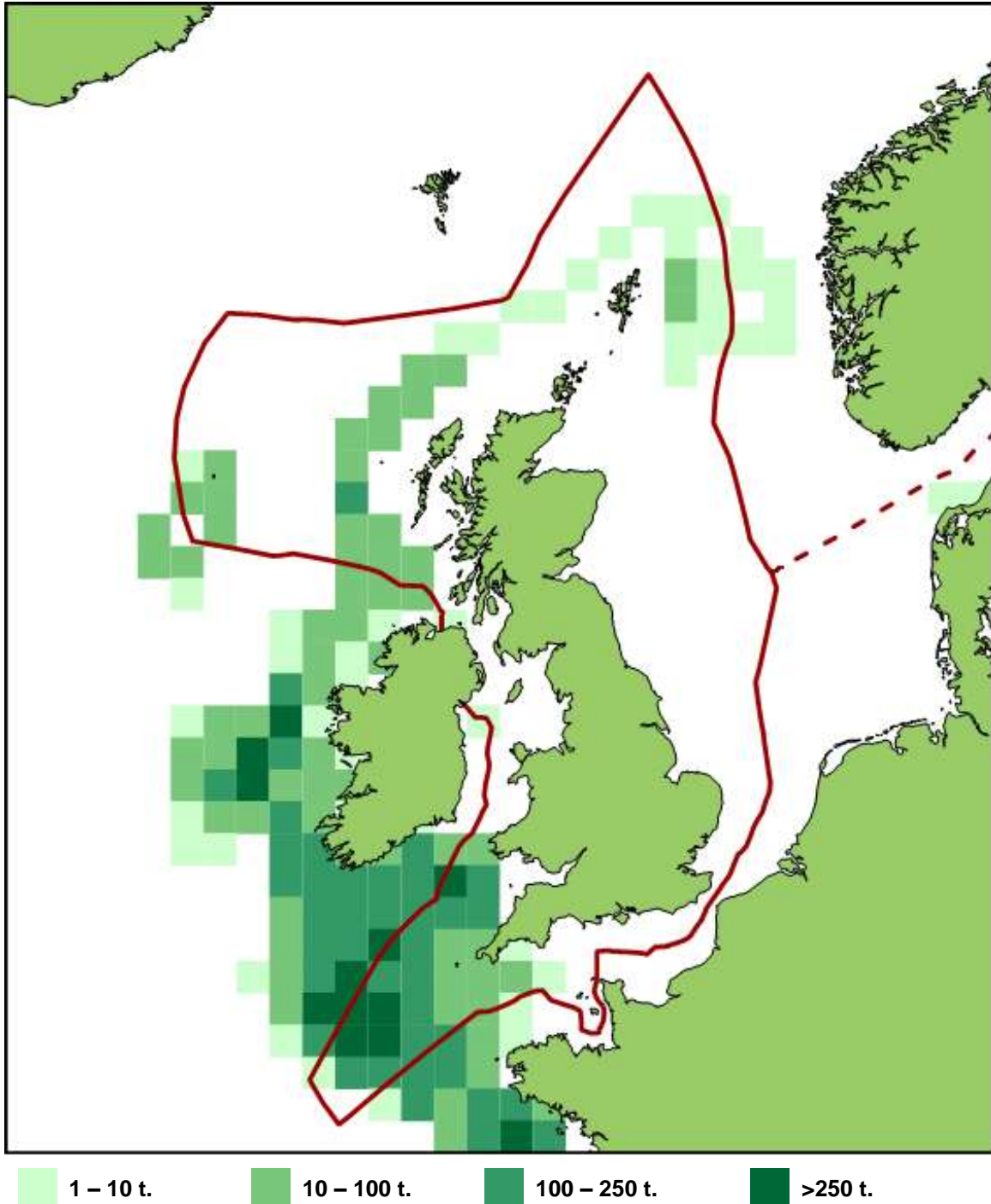


Figure 24 Landings of megrim by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Megrim



UK Fishing Boats

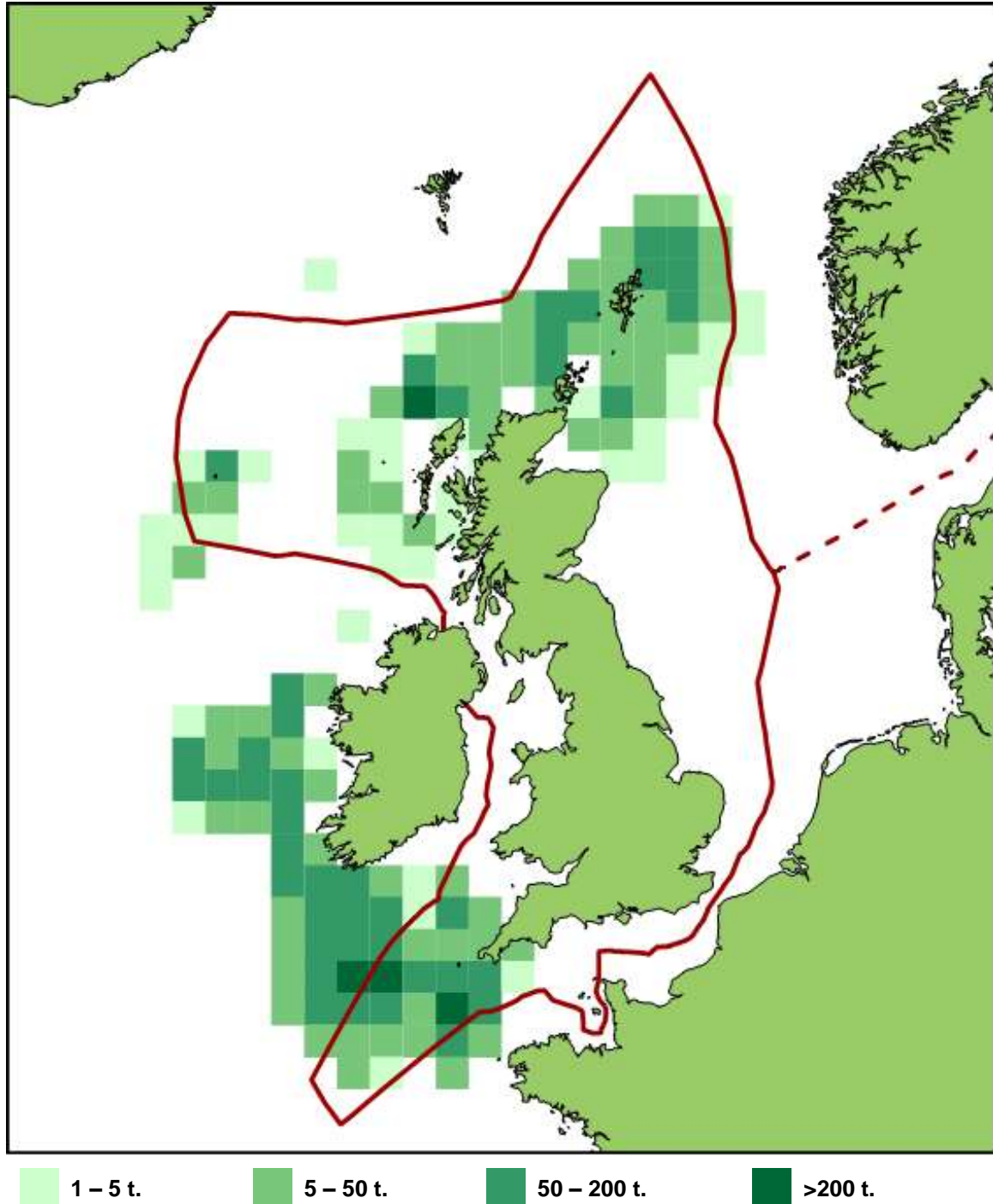
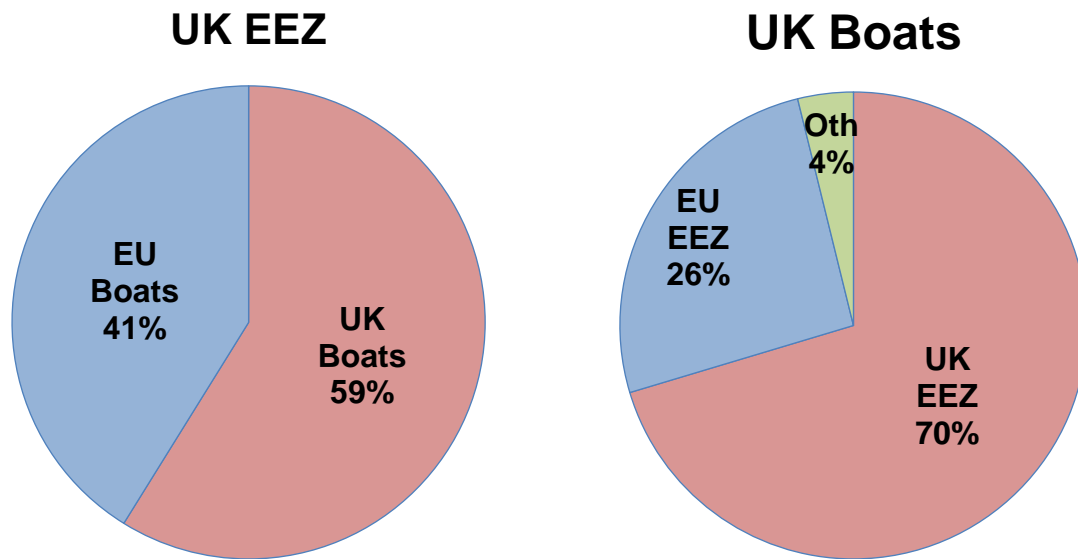


Figure 25 Landings of megrim by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Monks (Anglerfish)



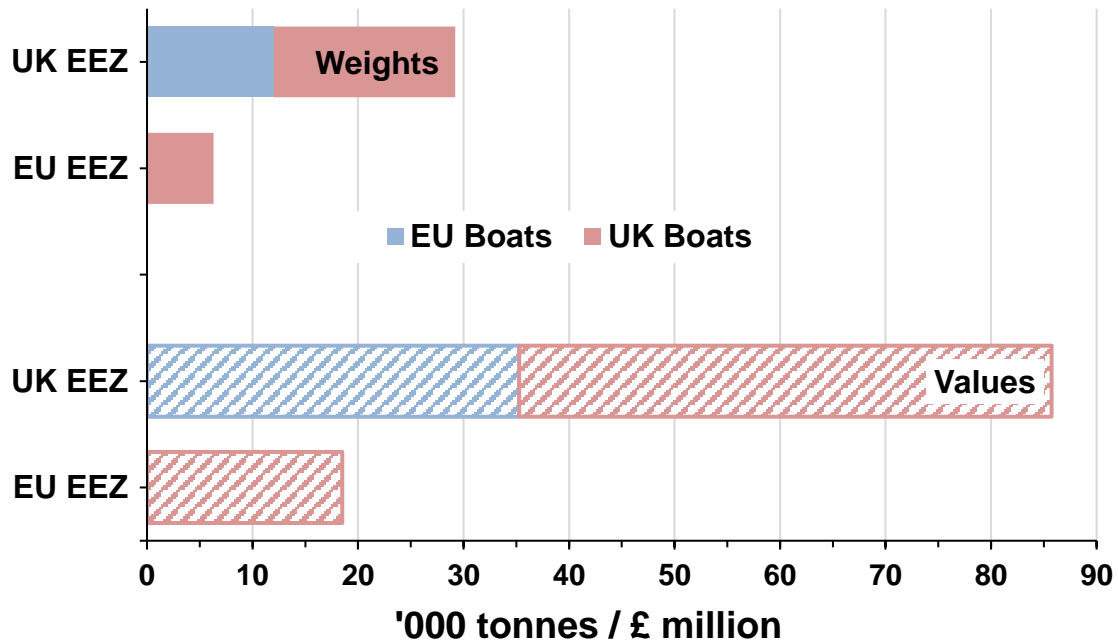
Monks (Anglerfish)	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	30.8	69%	£90.3	69%
from UK EEZ	12.0	27%	£35.3	27%
from Elsewhere in NE Atlantic*	1.7	4%	£4.9	4%
TOTAL	44.5	100%	£130.5	100%
UK Boats				
from EU EEZ	6.3	26%	£18.5	26%
from UK EEZ	17.2	70%	£50.4	70%
from Elsewhere in NE Atlantic	0.9	4%	£2.8	4%
TOTAL	24.4	100%	£71.7	100%
UK EEZ				
UK Boats	17.2	59%	£50.4	59%
EU Boats	12.0	41%	£35.3	41%
TOTAL	29.2	100%	£85.7	100%
Ratio (EU:UK)	1.9 : 1		1.9 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 26 Breakdown of the estimated weights and values of monks (anglerfish) landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Monks (Anglerfish)

Comparison



Monks (Anglerfish)			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	17.2	£50.4
EU Boats	from	UK EEZ	12.0	£35.3
UK Boats	from	EU EEZ	6.3	£18.5
Ratio (EU : UK)			1.9 : 1	1.9 : 1

Figure 27 Comparison of the estimated weights and values of monks (anglerfish) landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Monks (Anglerfish)



EU Fishing Boats

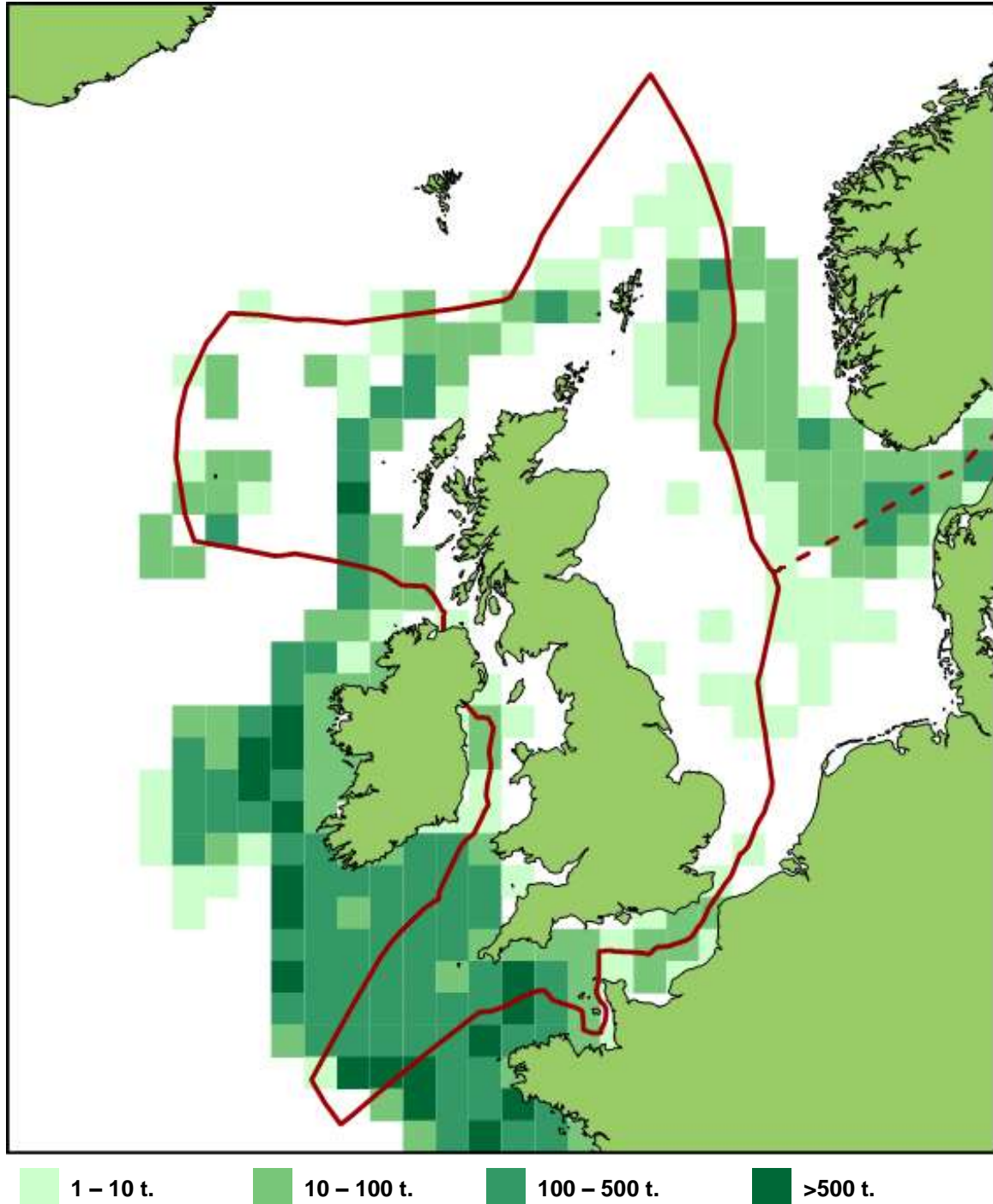


Figure 28 Landings of monks (anglerfish) by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Monks (Anglerfish)



UK Fishing Boats

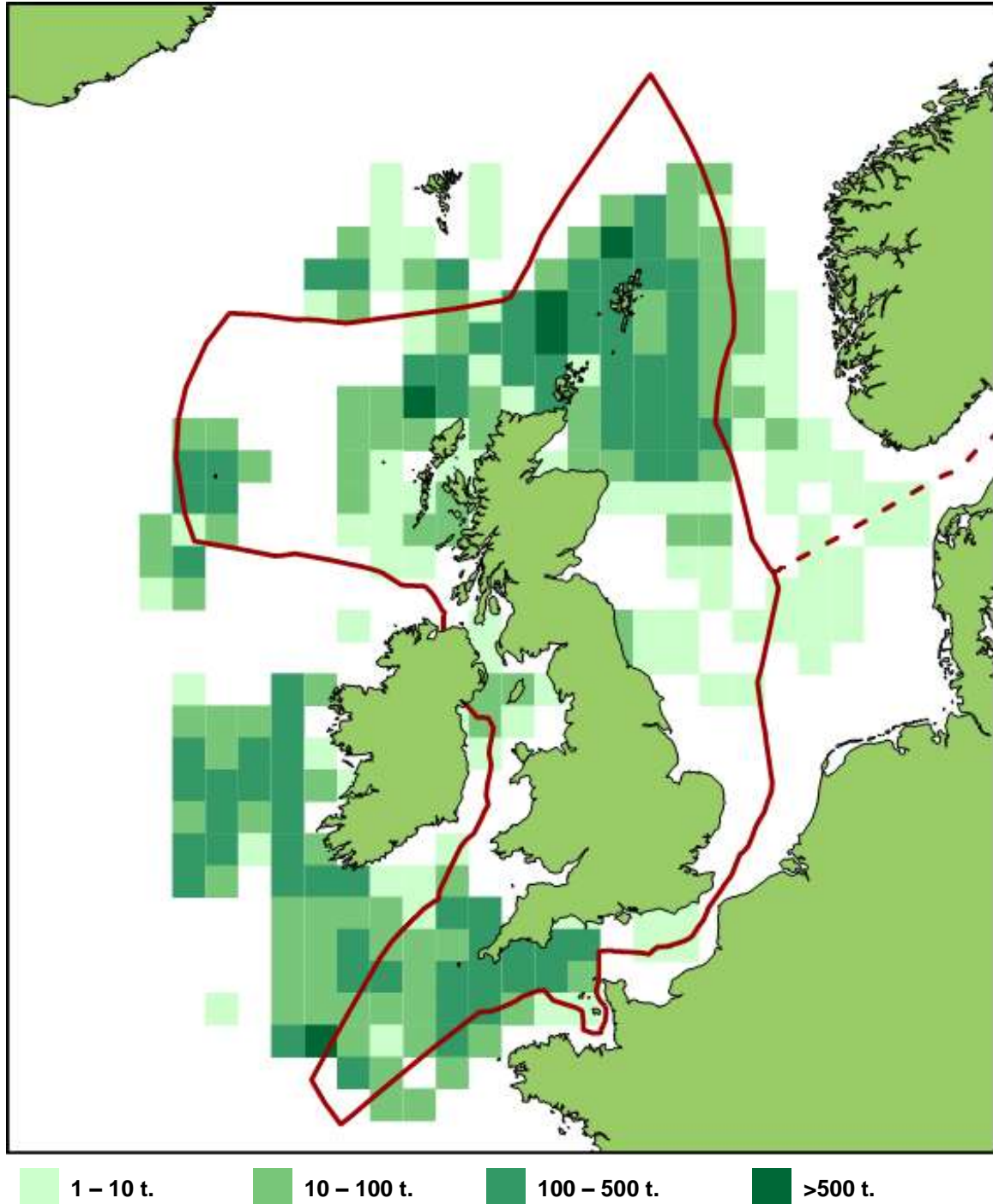
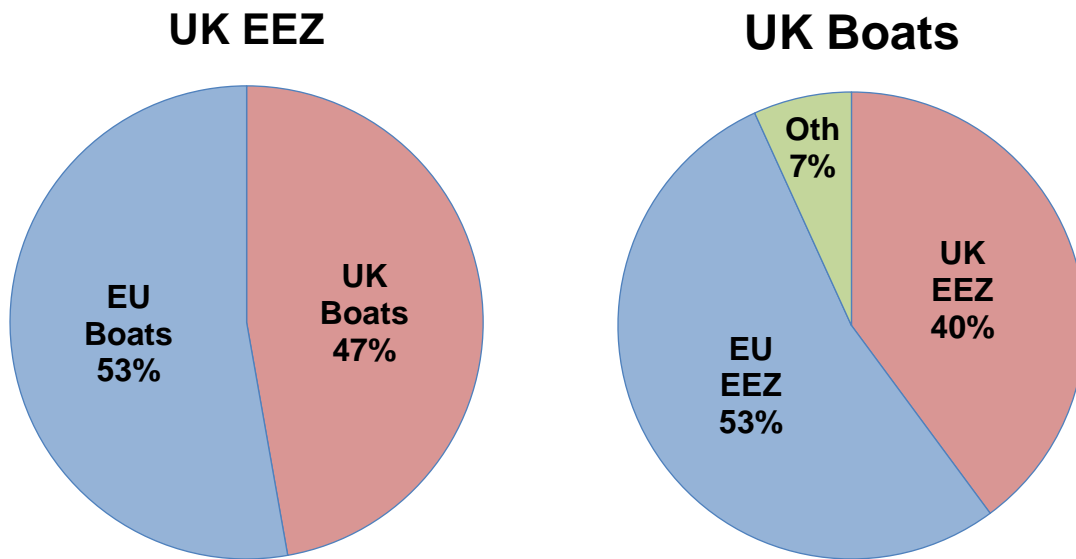


Figure 29 Landings of monks (anglerfish) by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Plaice



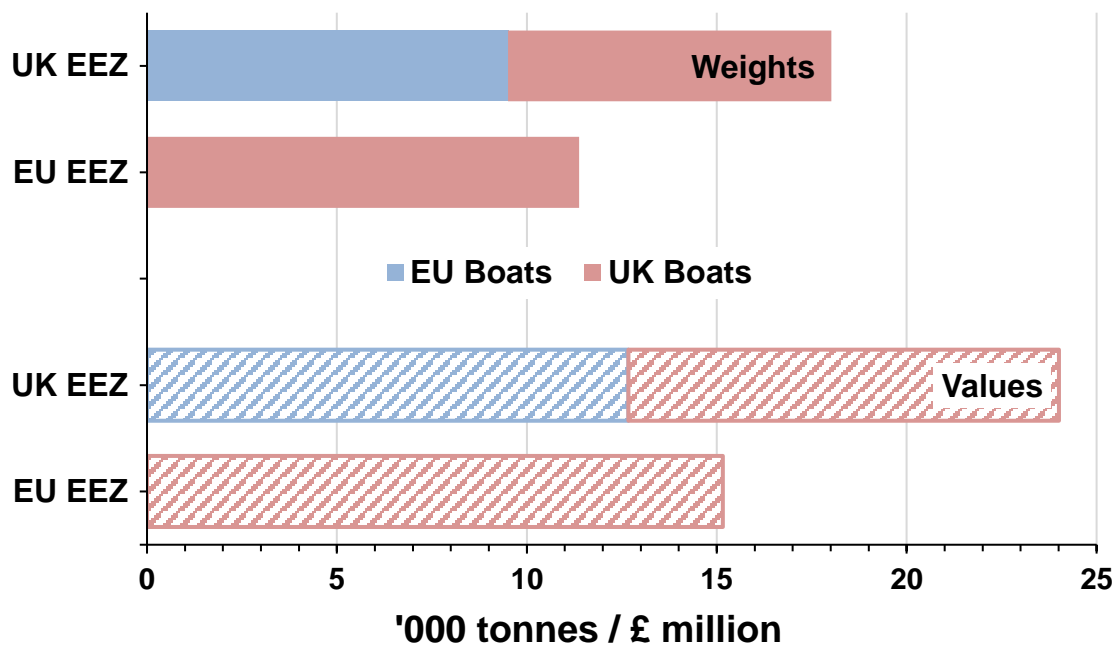
Plaice	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	47.9	65%	£63.9	65%
from UK EEZ	9.5	13%	£12.7	13%
from Elsewhere in NE Atlantic*	16.1	22%	£21.5	22%
TOTAL	73.6	100%	£98.0	100%
UK Boats				
from EU EEZ	11.4	53%	£15.2	53%
from UK EEZ	8.5	40%	£11.3	40%
from Elsewhere in NE Atlantic	1.5	7%	£1.9	7%
TOTAL	21.3	100%	£28.4	100%
UK EEZ				
UK Boats	8.5	47%	£11.3	47%
EU Boats	9.5	53%	£12.7	53%
TOTAL	18.0	100%	£24.0	100%
Ratio (EU:UK)	0.8 : 1		0.8 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 30 Breakdown of the estimated weights and values of plaice landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Plaice

Comparison



Plaice			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	8.5	£11.3
EU Boats	from	UK EEZ	9.5	£12.7
UK Boats	from	EU EEZ	11.4	£15.2
Ratio (EU : UK)			0.8 : 1	0.8 : 1

Figure 31 Comparison of the estimated weights and values of plaice landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Plaice



EU Fishing Boats

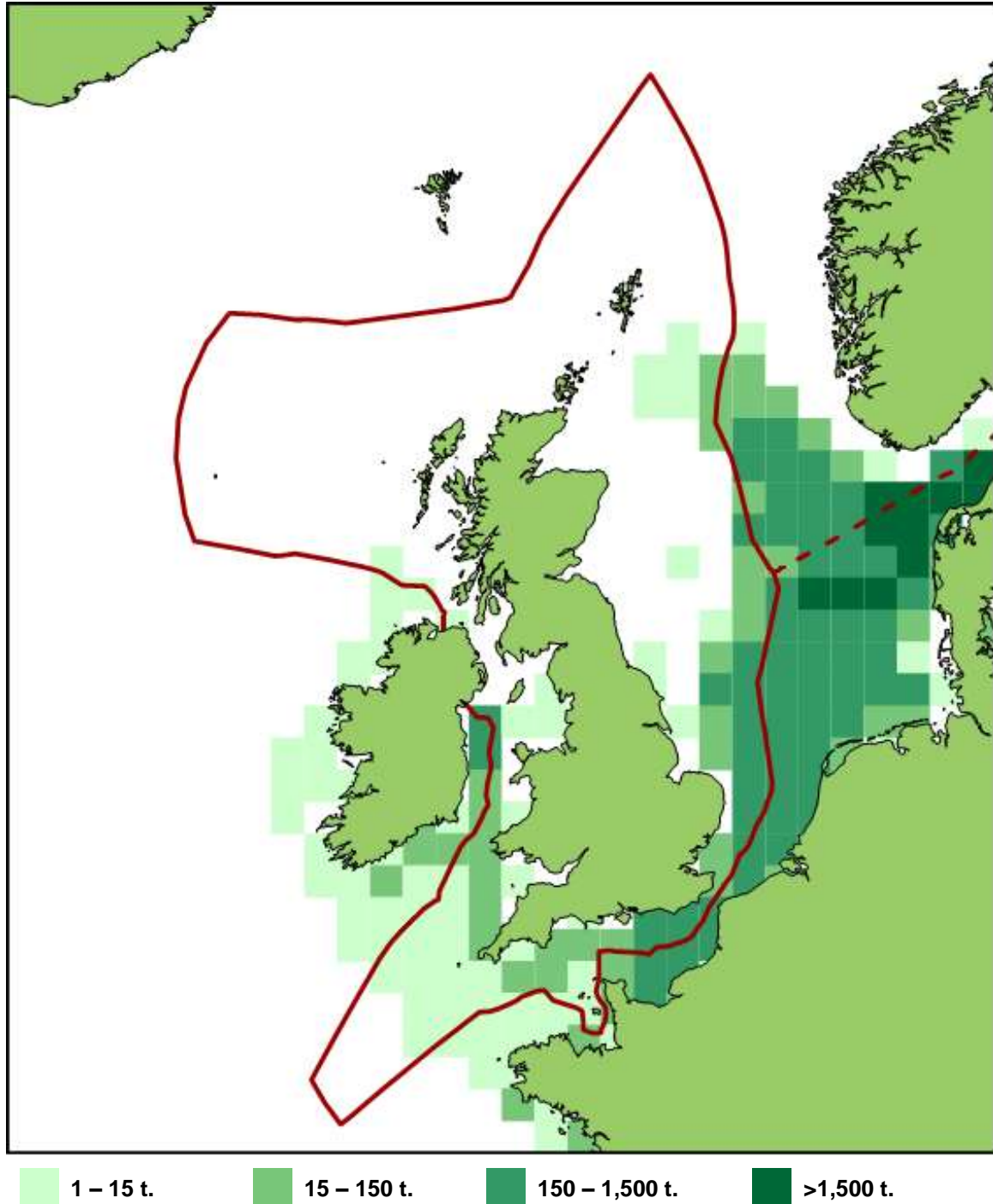


Figure 32 Landings of plaice by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Plaice



UK Fishing Boats

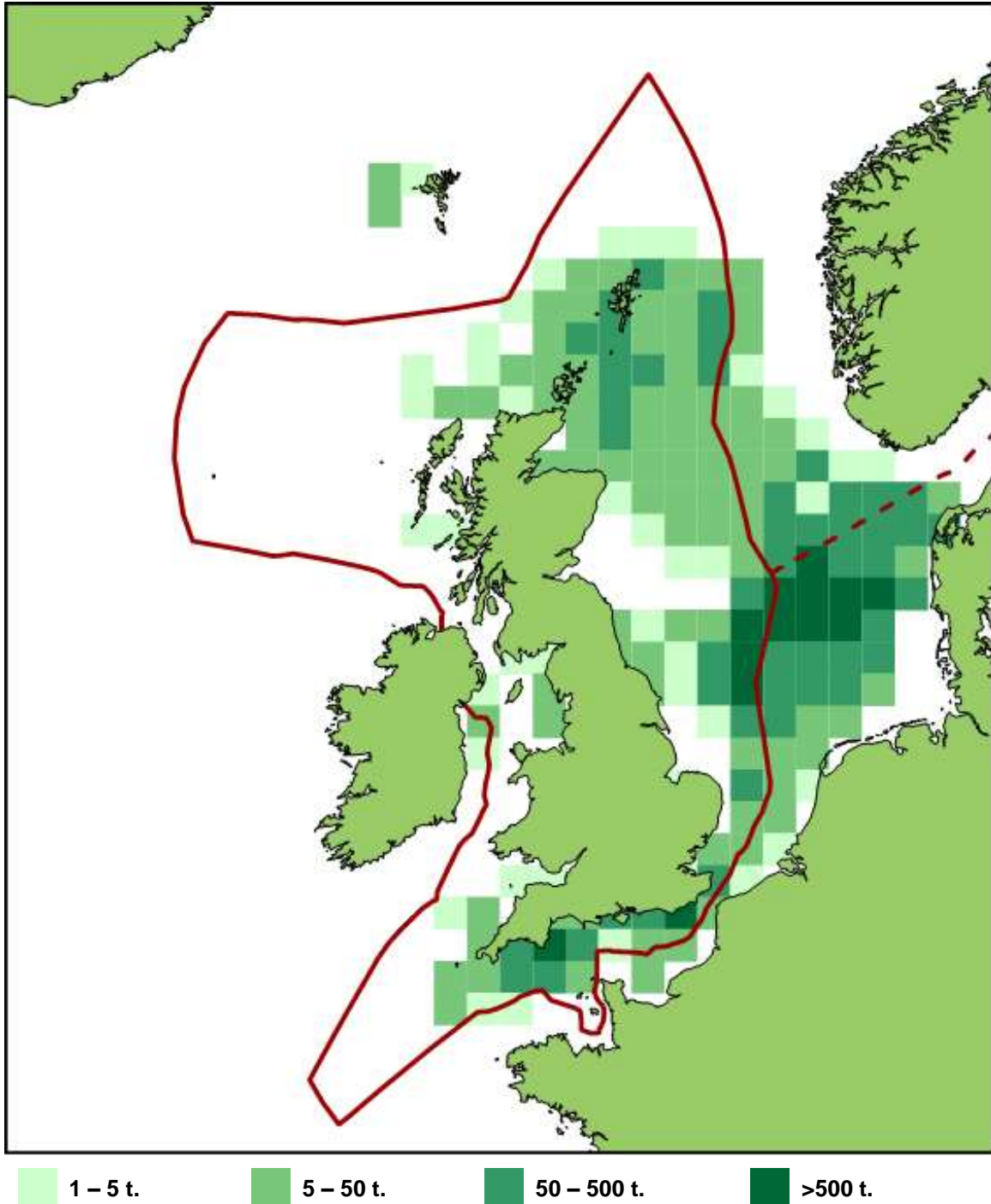
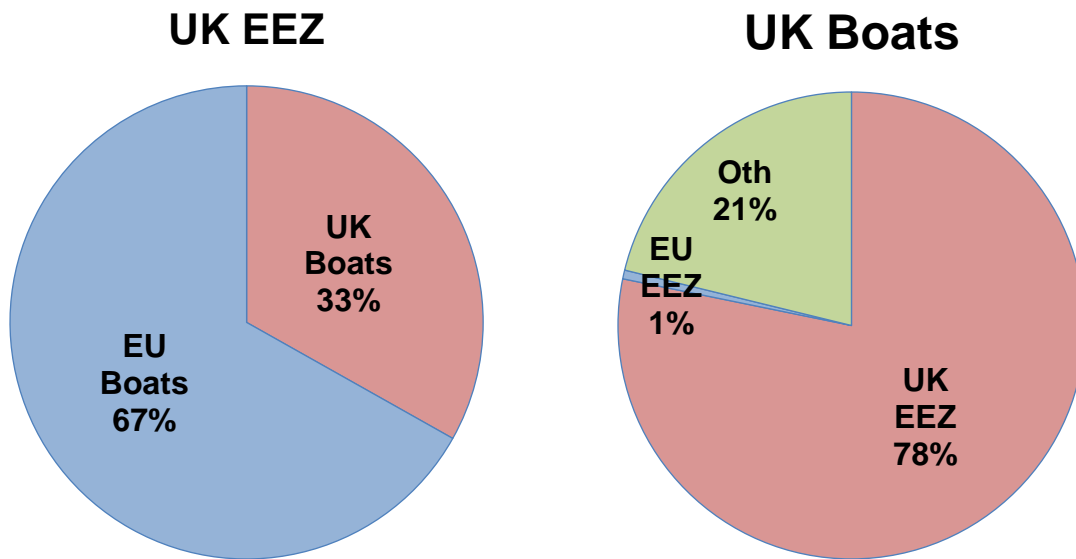


Figure 33 Landings of plaice by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Saithe



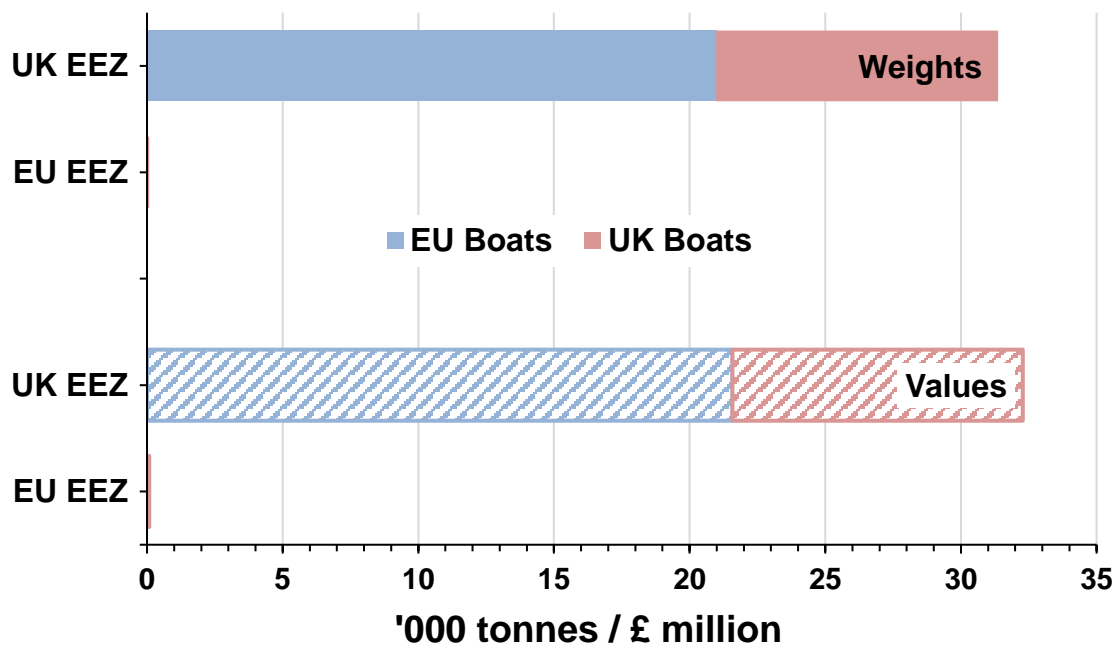
Saithe	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	2.7	8%	£2.8	8%
from UK EEZ	21.0	62%	£21.6	62%
from Elsewhere in NE Atlantic*	10.0	30%	£10.3	30%
TOTAL	33.7	100%	£34.6	100%
UK Boats				
from EU EEZ	0.1	1%	£0.1	1%
from UK EEZ	10.4	78%	£10.7	78%
from Elsewhere in NE Atlantic	2.8	21%	£2.9	21%
TOTAL	13.3	100%	£13.7	100%
UK EEZ				
UK Boats	10.4	33%	£10.7	33%
EU Boats	21.0	67%	£21.6	67%
TOTAL	31.4	100%	£32.3	100%
Ratio (EU:UK)	260 : 1		260 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 34 Breakdown of the estimated weights and values of saithe landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Saithe

Comparison



Saithe			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	10.4	£10.7
EU Boats	from	UK EEZ	21.0	£21.6
UK Boats	from	EU EEZ	0.1	£0.1
Ratio (EU : UK)			260 : 1	260 : 1

Figure 35 Comparison of the estimated weights and values of saithe landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Saithe



EU Fishing Boats

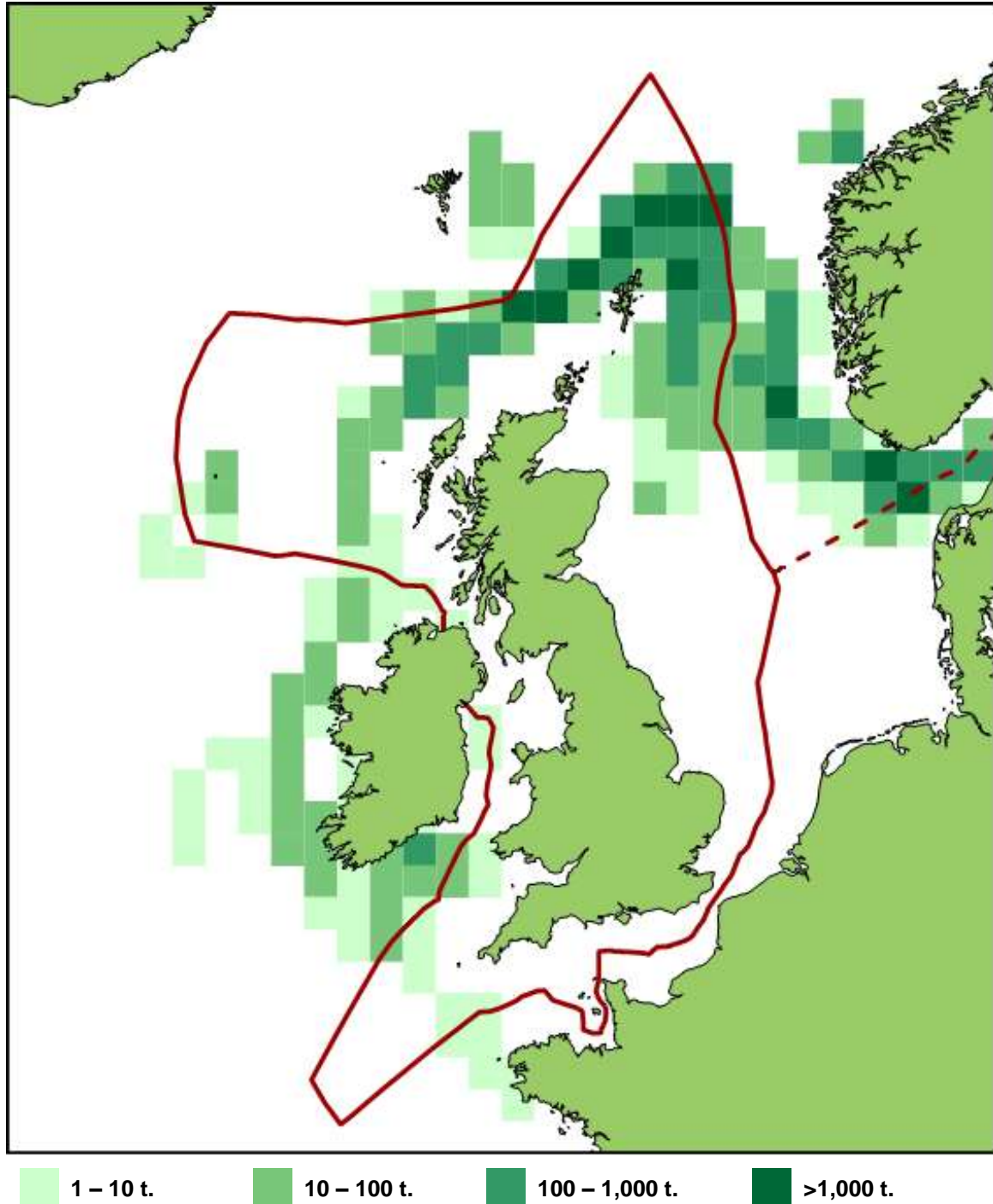


Figure 36 Landings of saithe by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Saithe



UK Fishing Boats

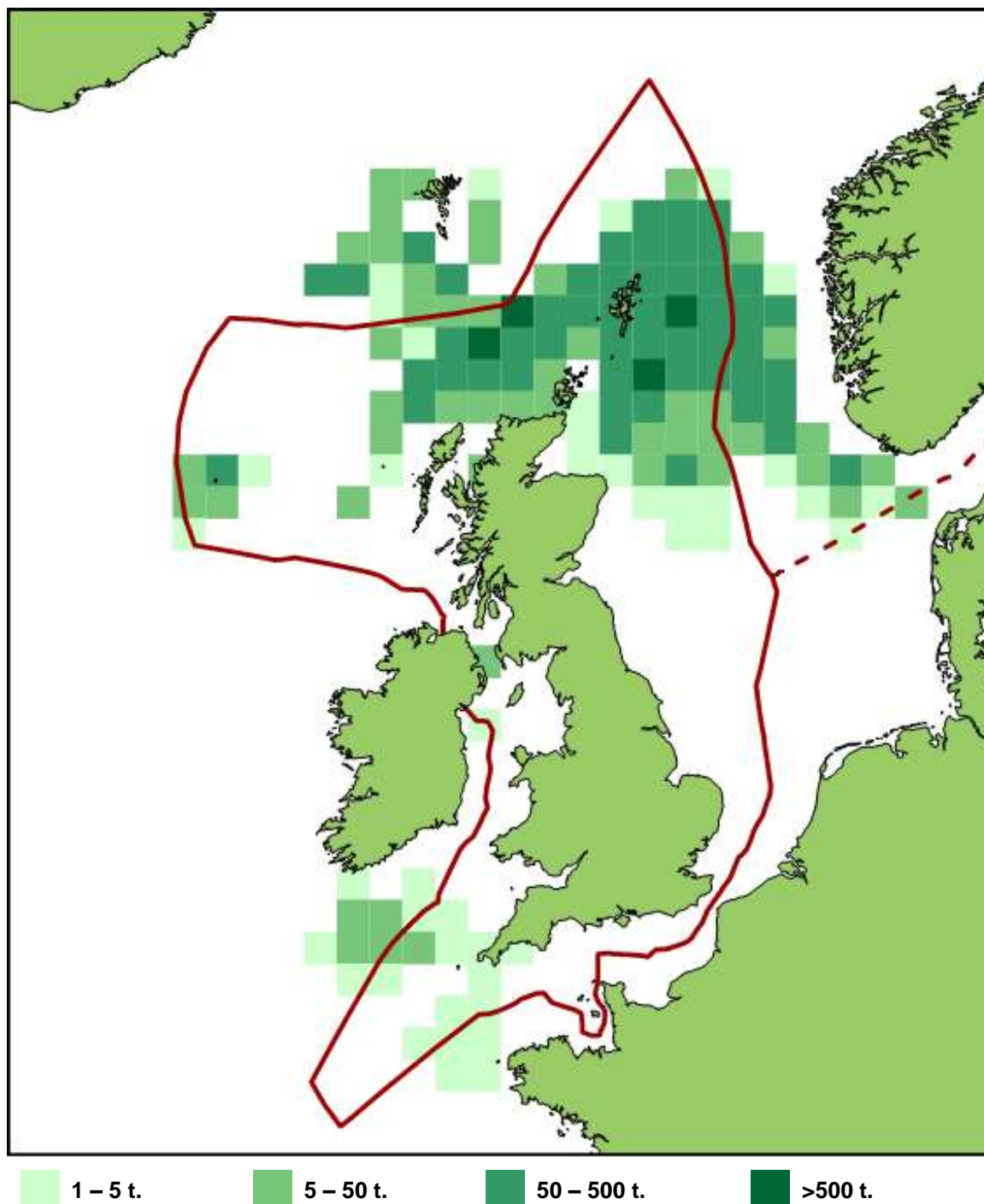
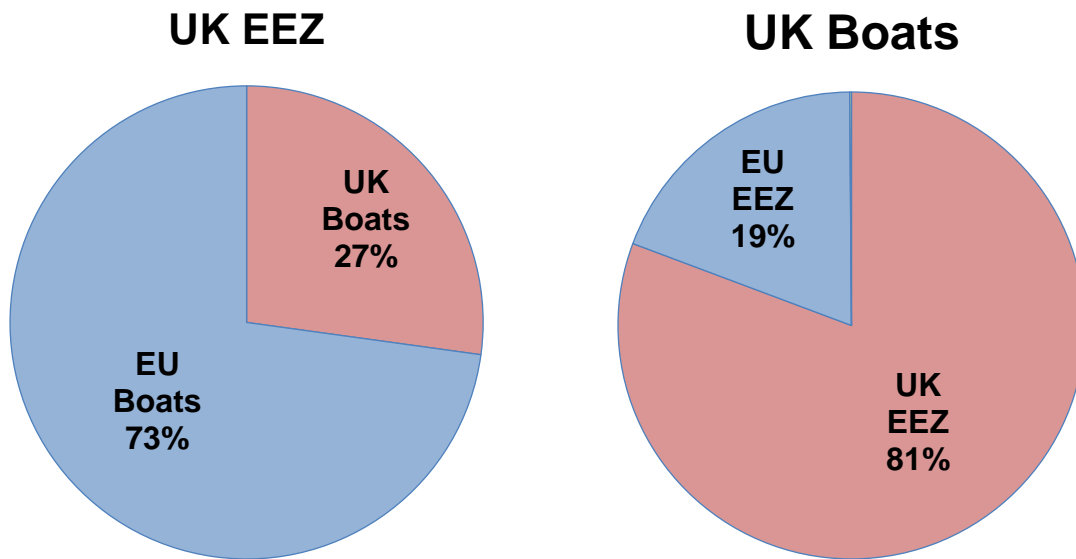


Figure 37 Landings of saithe by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Common (Dover) Sole



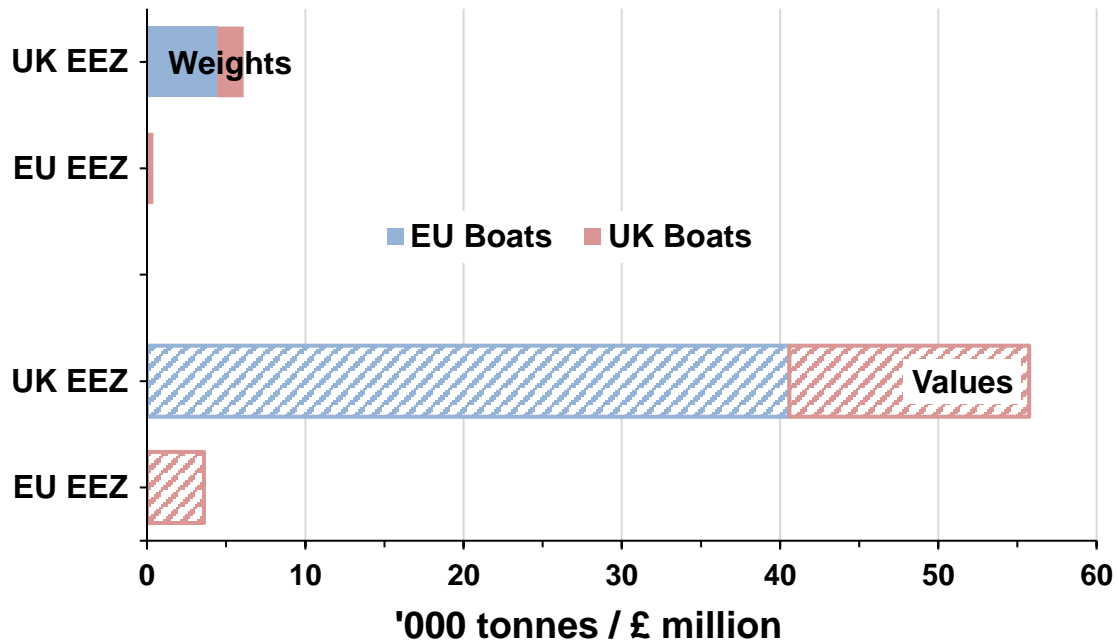
Common (Dover) Sole	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	14.3	75%	£130.9	75%
from UK EEZ	4.4	23%	£40.6	23%
from Elsewhere in NE Atlantic*	0.3	1%	£2.4	1%
TOTAL	19.0	100%	£173.9	100%
UK Boats				
from EU EEZ	0.4	19%	£3.6	19%
from UK EEZ	1.7	81%	£15.2	81%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	2.1	100%	£18.8	100%
UK EEZ				
UK Boats	1.7	27%	£15.2	27%
EU Boats	4.4	73%	£40.6	73%
TOTAL	6.1	100%	£55.7	100%
Ratio (EU:UK)	11.3 : 1		11.3 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 38 Breakdown of the estimated weights and values of common (Dover) sole landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Common (Dover) Sole

Comparison



Common (Dover) Sole			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	1.7	£15.2
EU Boats	from	UK EEZ	4.4	£40.6
UK Boats	from	EU EEZ	0.4	£3.6
Ratio (EU : UK)			11.3 : 1	11.3 : 1

Figure 39 Comparison of the estimated weights and values of common (Dover) sole landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Common (Dover) Sole



EU Fishing Boats

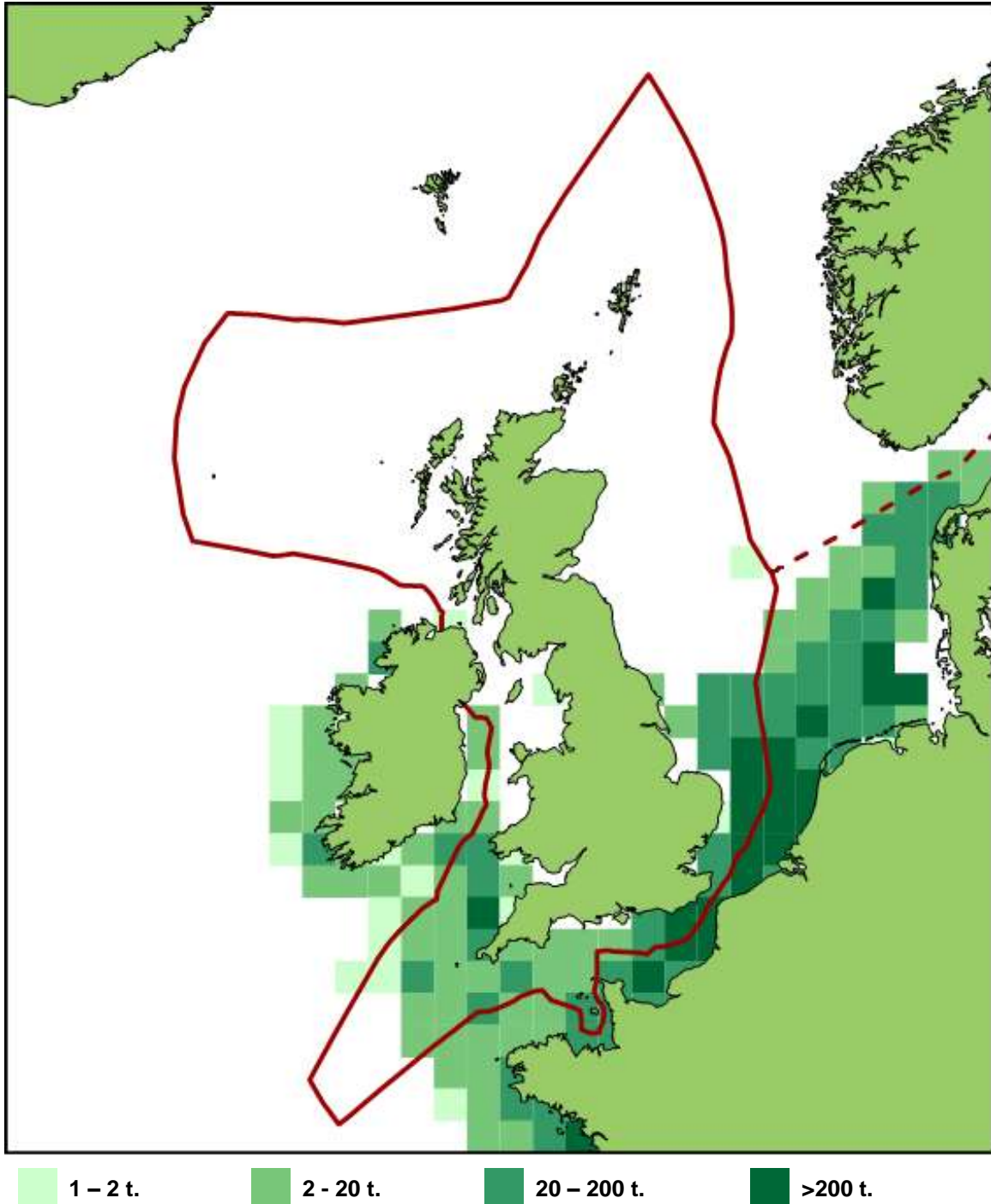


Figure 40 Landings of common (Dover) sole by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Common (Dover) Sole



UK Fishing Boats

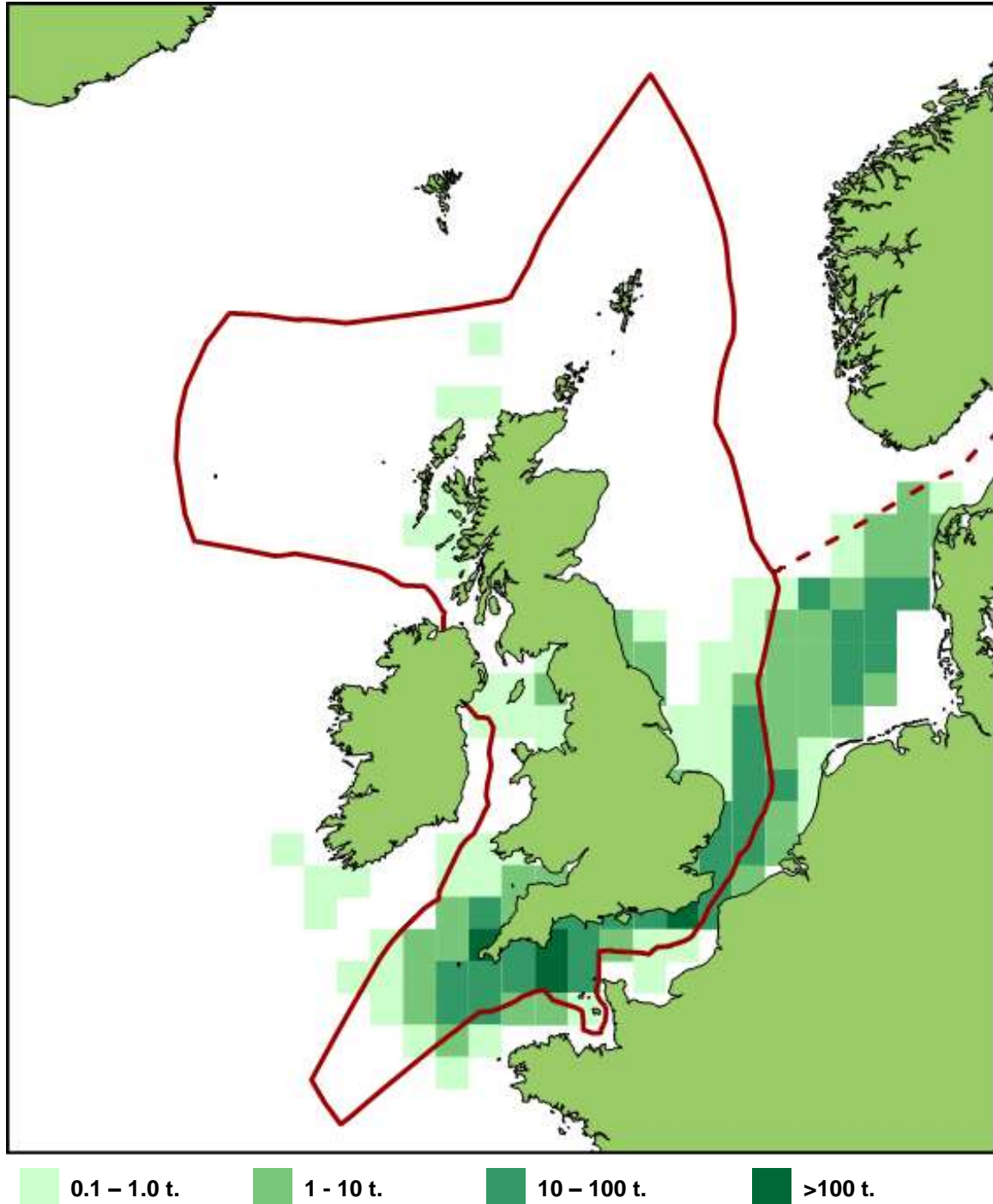
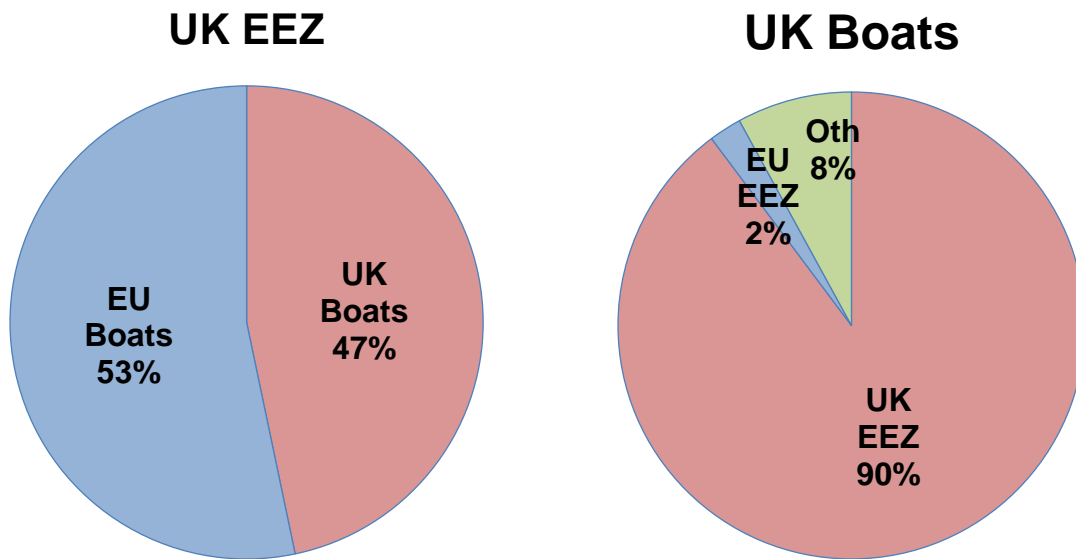


Figure 41 Landings of common (Dover) sole by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Whiting



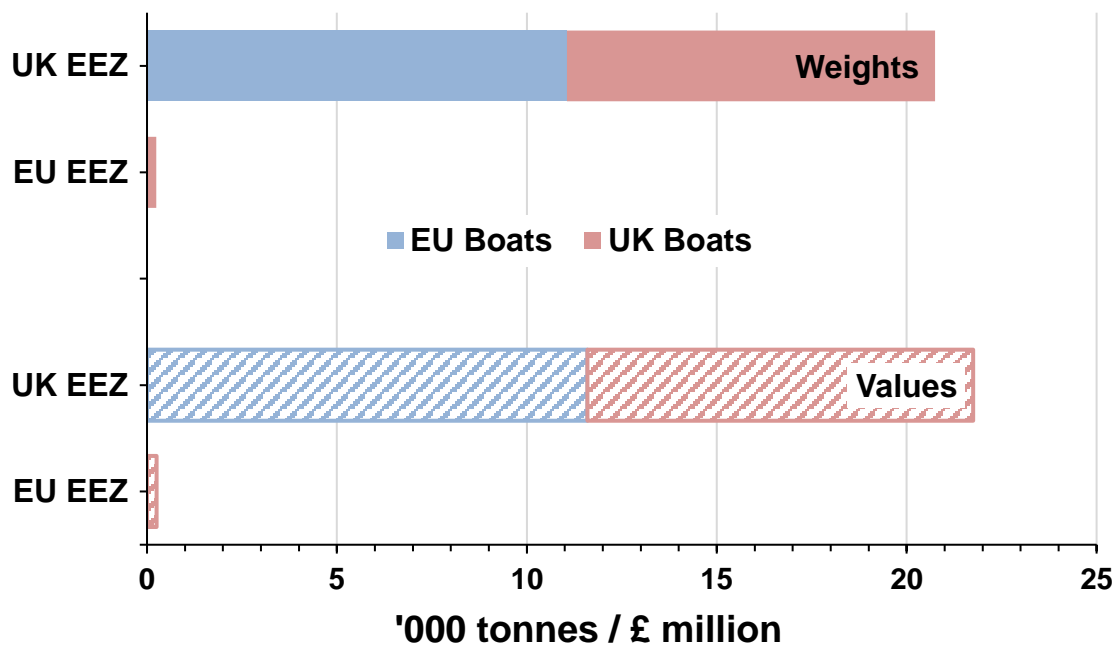
Whiting	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	£16.9	57%	£17.0	57%
from UK EEZ	£11.5	39%	£11.6	39%
from Elsewhere in NE Atlantic*	£1.1	4%	£1.1	4%
TOTAL	£29.5	100%	£29.6	100%
UK Boats				
from EU EEZ	£0.3	2%	£0.3	2%
from UK EEZ	£10.1	90%	£10.2	90%
from Elsewhere in NE Atlantic	£0.9	8%	£0.9	8%
TOTAL	£11.3	100%	£11.3	100%
UK EEZ				
UK Boats	£10.1	47%	£10.2	47%
EU Boats	£11.5	53%	£11.6	53%
TOTAL	£21.7	100%	£21.8	100%
Ratio (EU:UK)	45.3 : 1		45.3 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 42 Breakdown of the estimated weights and values of whiting landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Whiting

Comparison



Whiting			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	9.7	£10.2
EU Boats	from	UK EEZ	11.1	£11.6
UK Boats	from	EU EEZ	0.2	£0.3
Ratio (EU : UK)			45.3 : 1	45.3 : 1

Figure 43 Comparison of the estimated weights and values of whiting landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Whiting



EU Fishing Boats

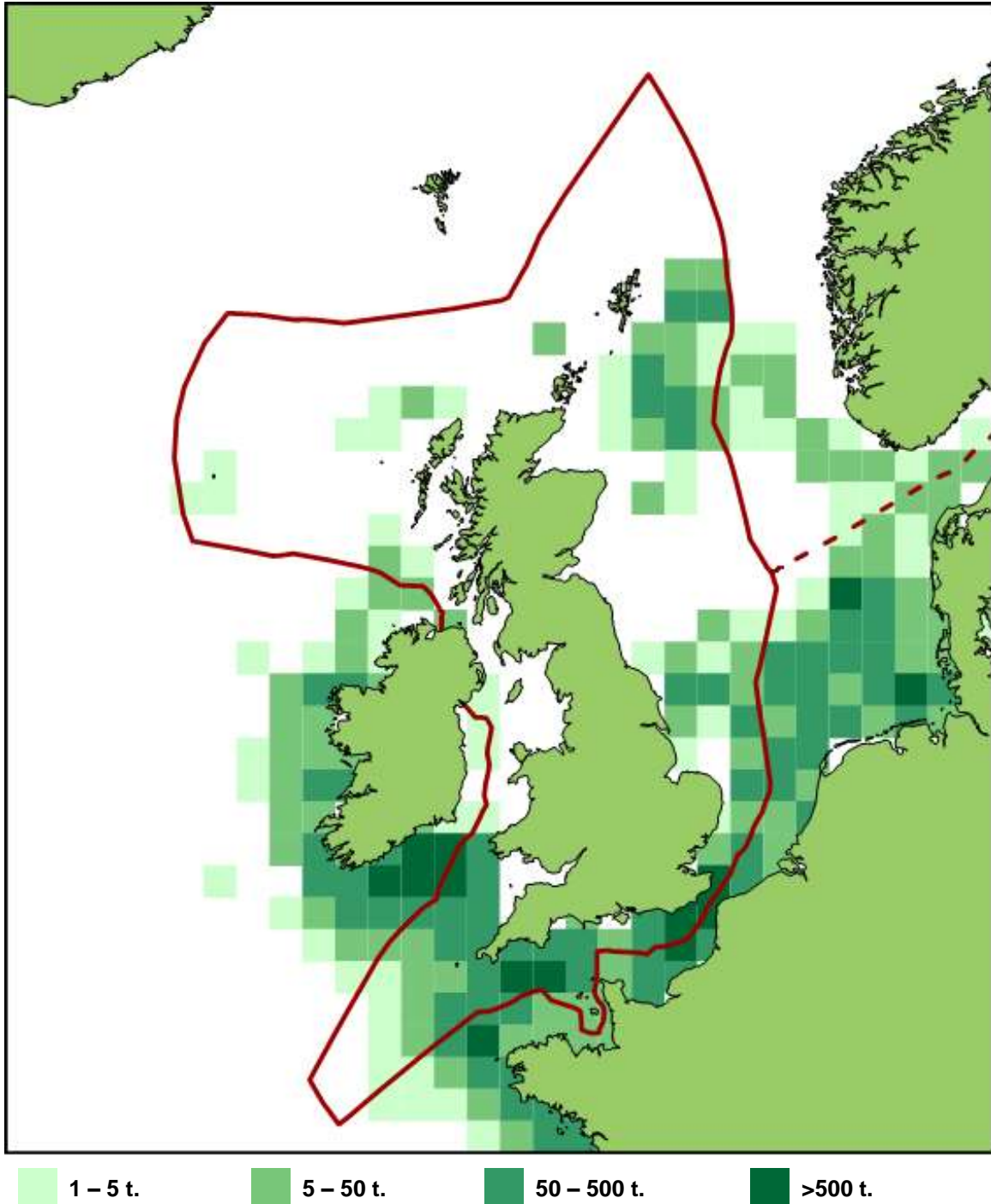


Figure 44 Landings of whiting by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Whiting



UK Fishing Boats

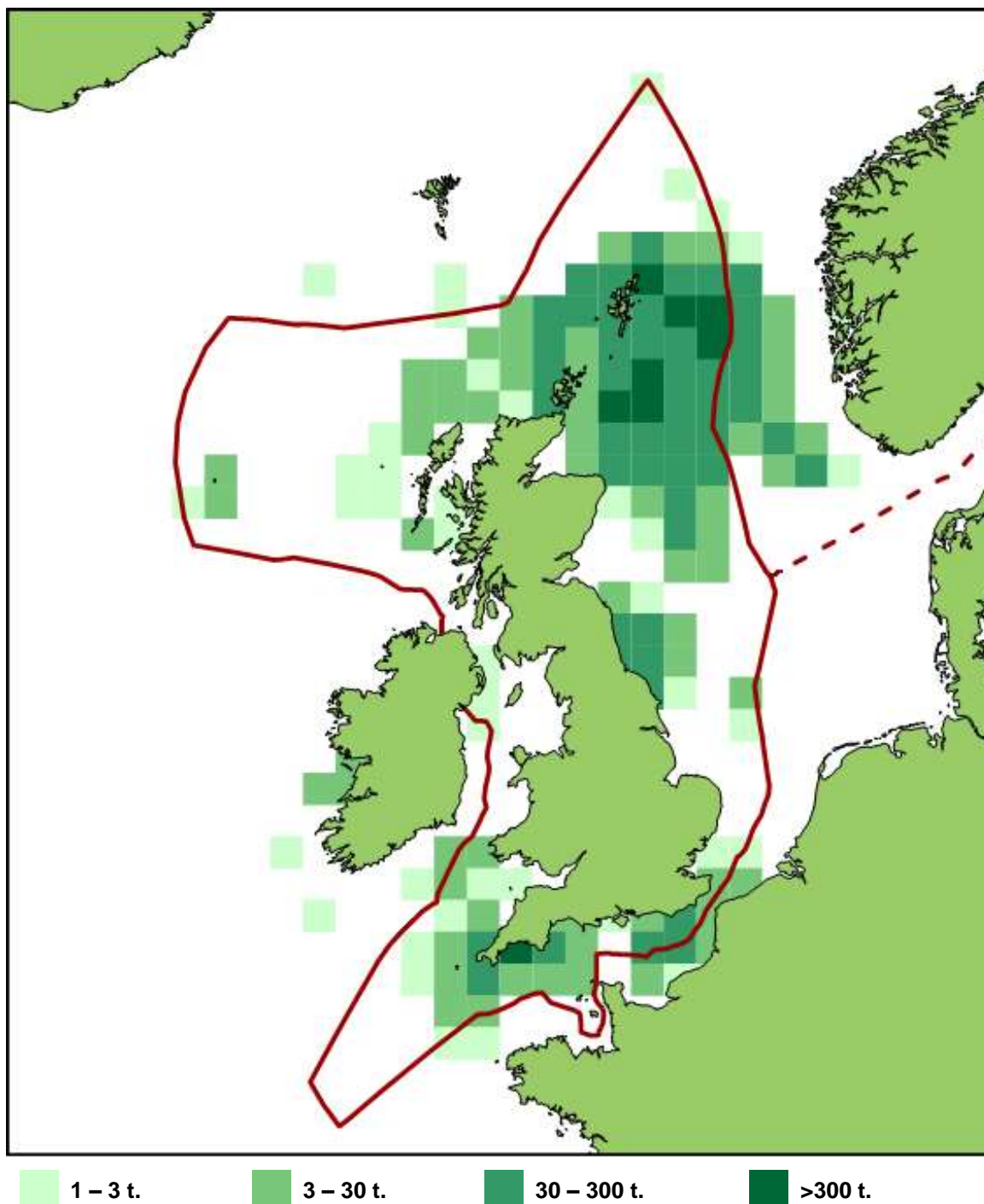
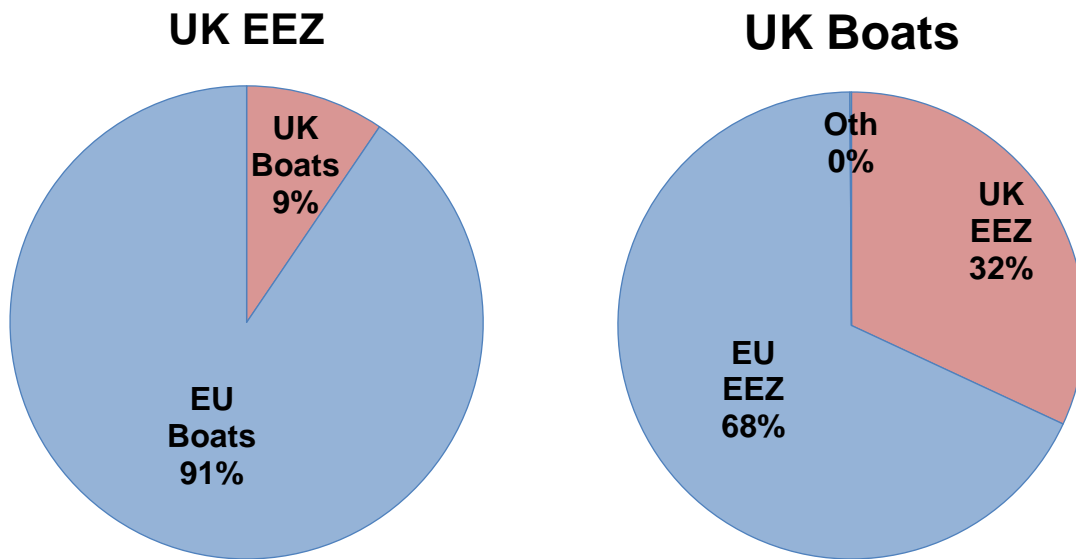


Figure 45 Landings of whiting by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Blue Whiting



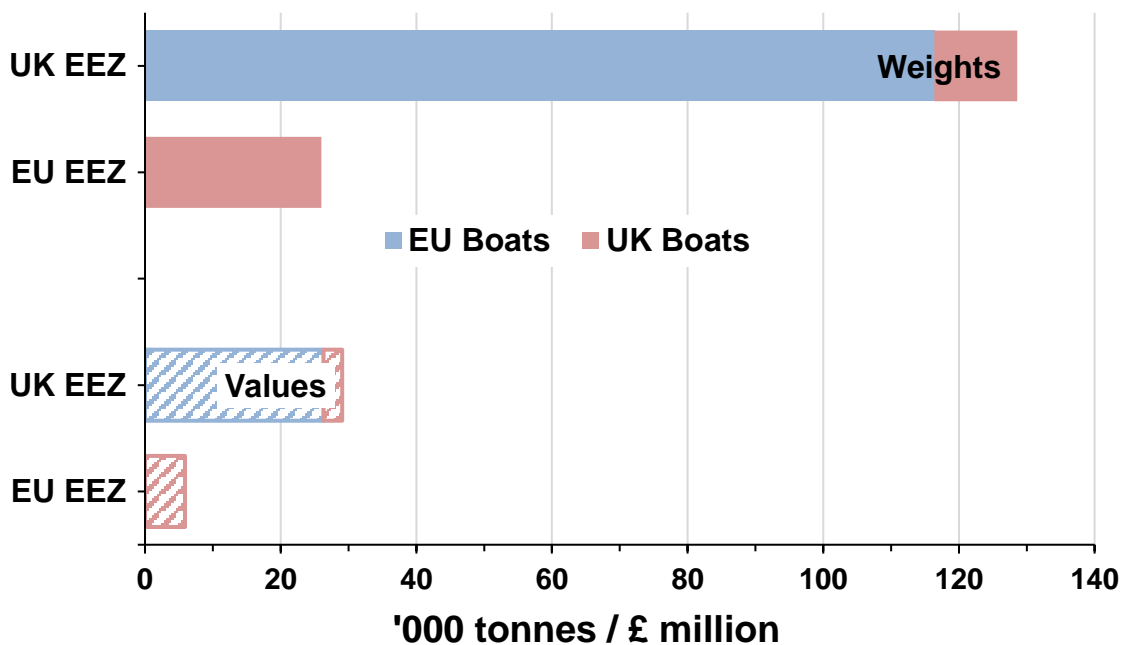
Blue Whiting	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	84.2	39%	£19.0	39%
from UK EEZ	116.4	53%	£26.3	53%
from Elsewhere in NE Atlantic*	17.6	8%	£4.0	8%
TOTAL	218.2	100%	£49.3	100%
UK Boats				
from EU EEZ	26.0	68%	£5.9	68%
from UK EEZ	12.2	32%	£2.8	32%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	38.2	100%	£8.6	100%
UK EEZ				
UK Boats	12.2	9%	£2.8	9%
EU Boats	116.4	91%	£26.3	91%
TOTAL	128.6	100%	£29.1	100%
Ratio (EU:UK)	4.5 : 1		4.5 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 46 Breakdown of the estimated weights and values of blue whiting landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Blue Whiting

Comparison



Blue Whiting			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	12.2	£2.8
EU Boats	from	UK EEZ	116.4	£26.3
UK Boats	from	EU EEZ	26.0	£5.9
Ratio (EU : UK)			4.5 : 1	4.5 : 1

Figure 47 Comparison of the estimated weights and values of blue whiting landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Blue Whiting



EU Fishing Boats

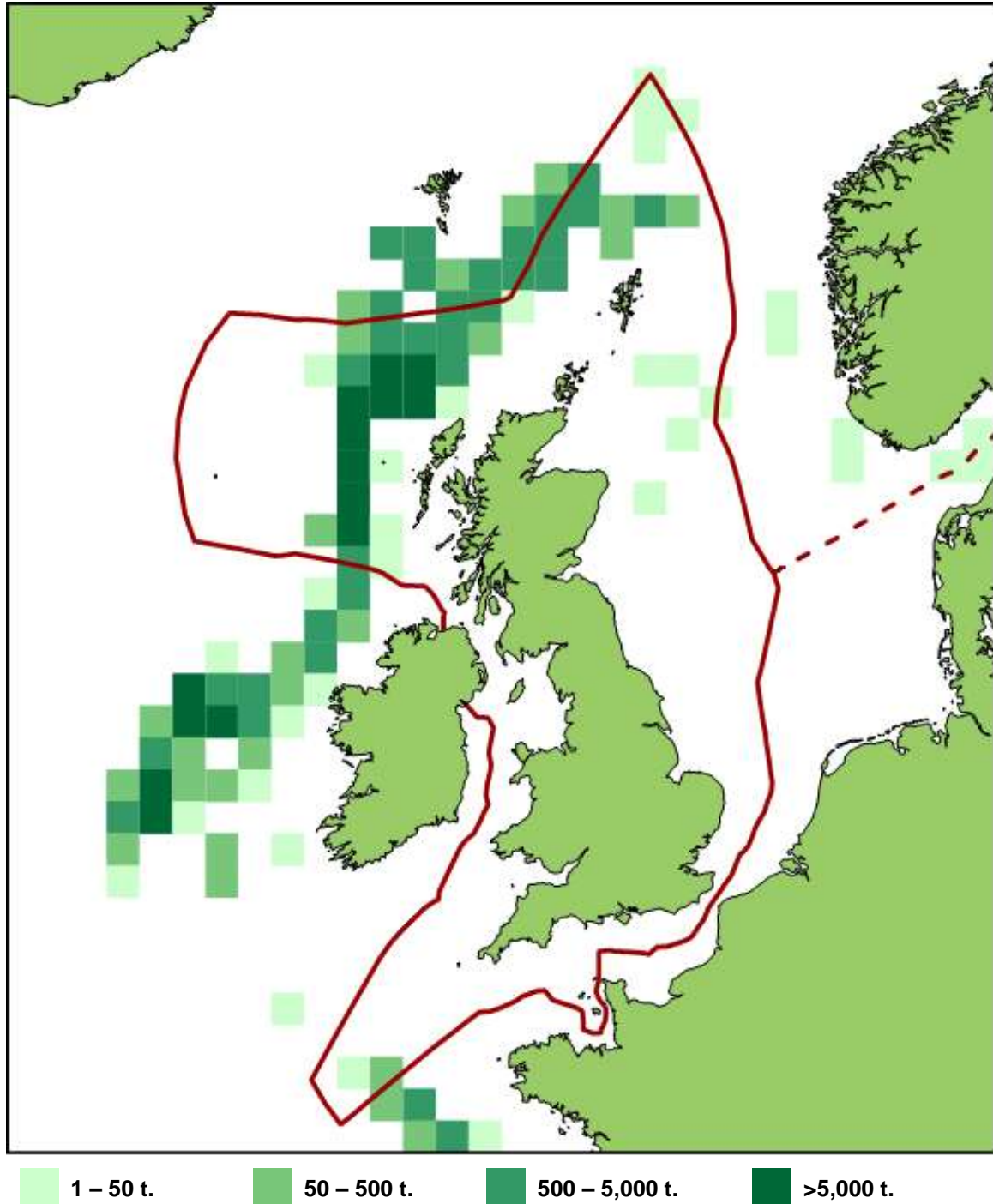


Figure 48 Landings of blue whiting by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Blue Whiting



UK Fishing Boats

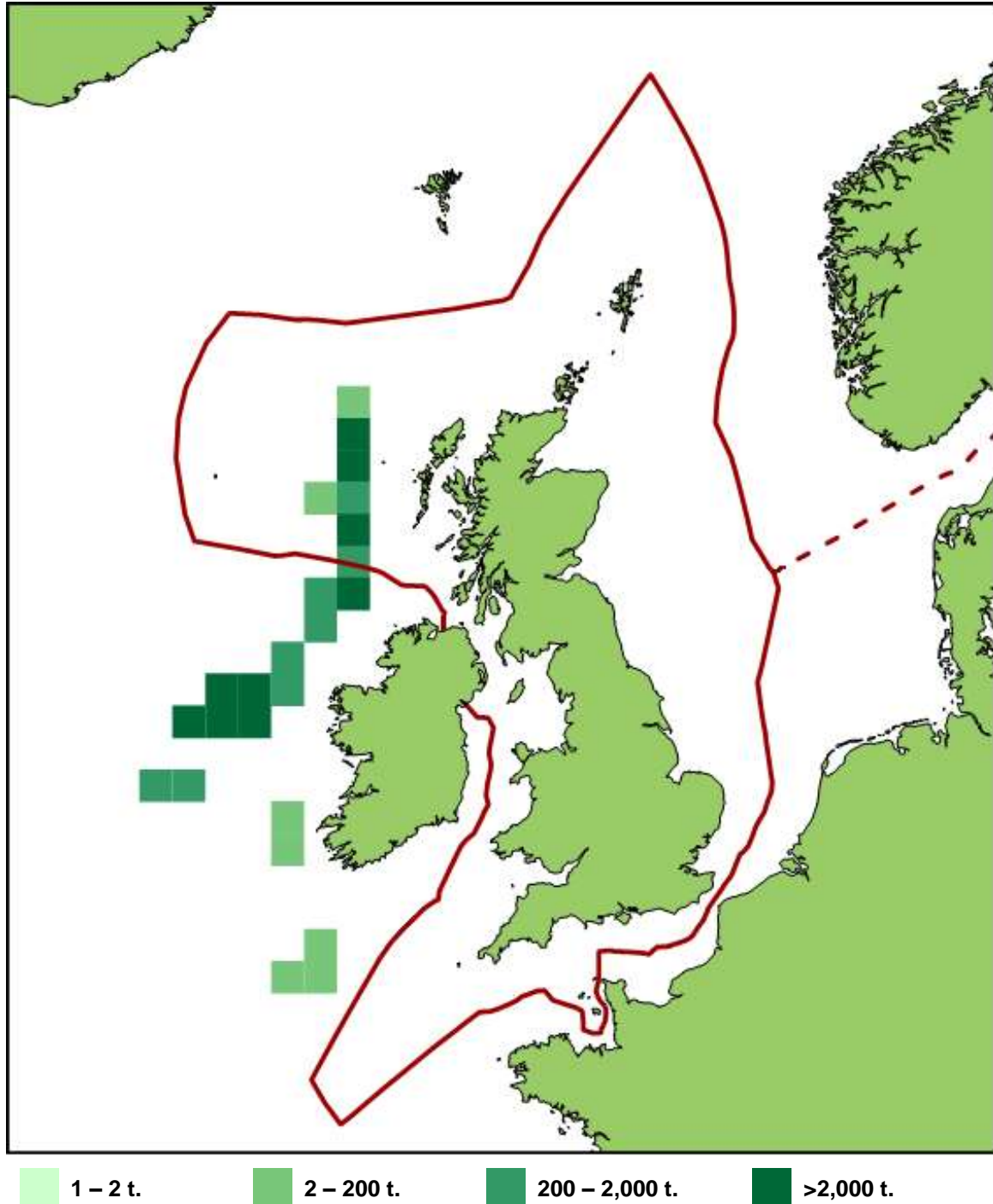
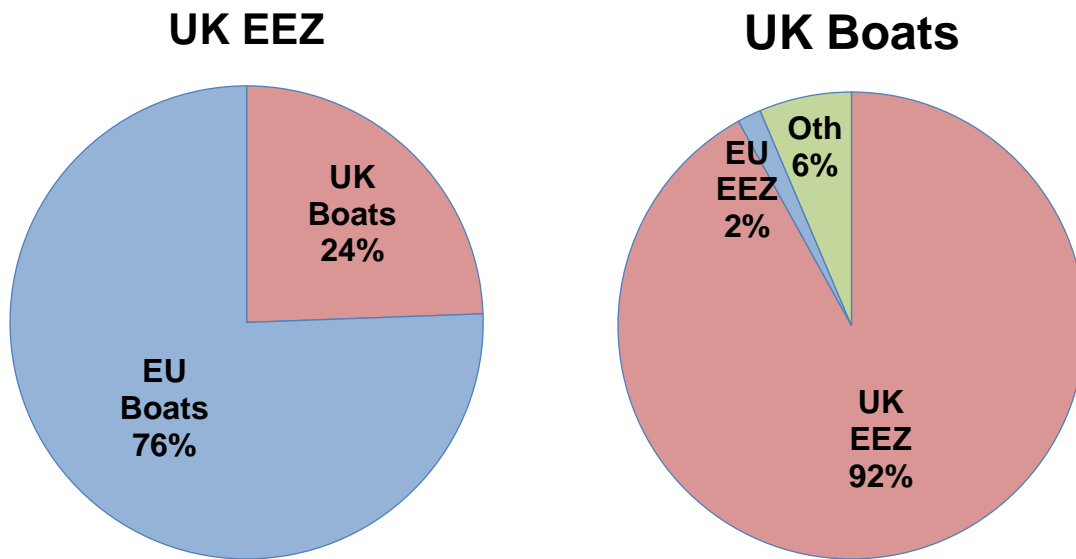


Figure 49 Landings of blue whiting by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Herring



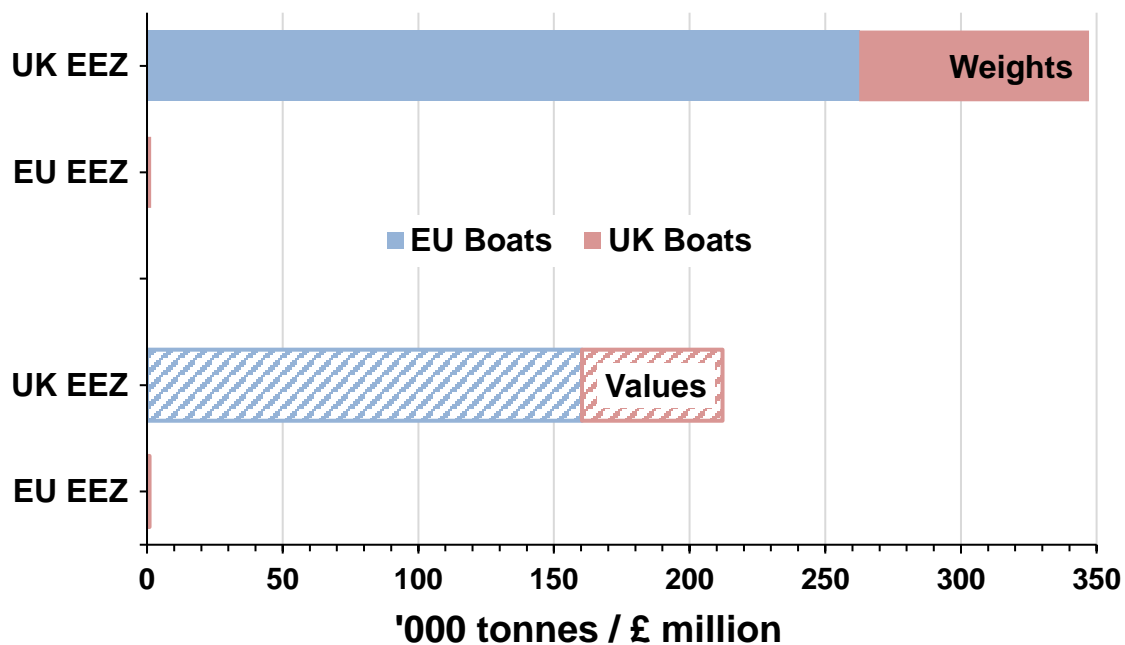
Herring	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	49.2	7%	£30.1	7%
from UK EEZ	262.4	36%	£160.3	36%
from Elsewhere in NE Atlantic*	415.3	57%	£253.7	57%
TOTAL	727.0	100%	£444.1	100%
UK Boats				
from EU EEZ	1.5	2%	£0.9	2%
from UK EEZ	84.8	92%	£51.8	92%
from Elsewhere in NE Atlantic	5.9	6%	£3.6	6%
TOTAL	92.2	100%	£56.3	100%
UK EEZ				
UK Boats	84.8	24%	£51.8	24%
EU Boats	262.4	76%	£160.3	76%
TOTAL	347.3	100%	£212.1	100%
Ratio (EU:UK)	173 : 1		173 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 50 Breakdown of the estimated weights and values of herring landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Herring

Comparison



Herring			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	84.8	£51.8
EU Boats	from	UK EEZ	262.4	£160.3
UK Boats	from	EU EEZ	1.5	£0.9
Ratio (EU : UK)			173 : 1	173 : 1

Figure 51 Comparison of the estimated weights and values of herring landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Herring



EU Fishing Boats

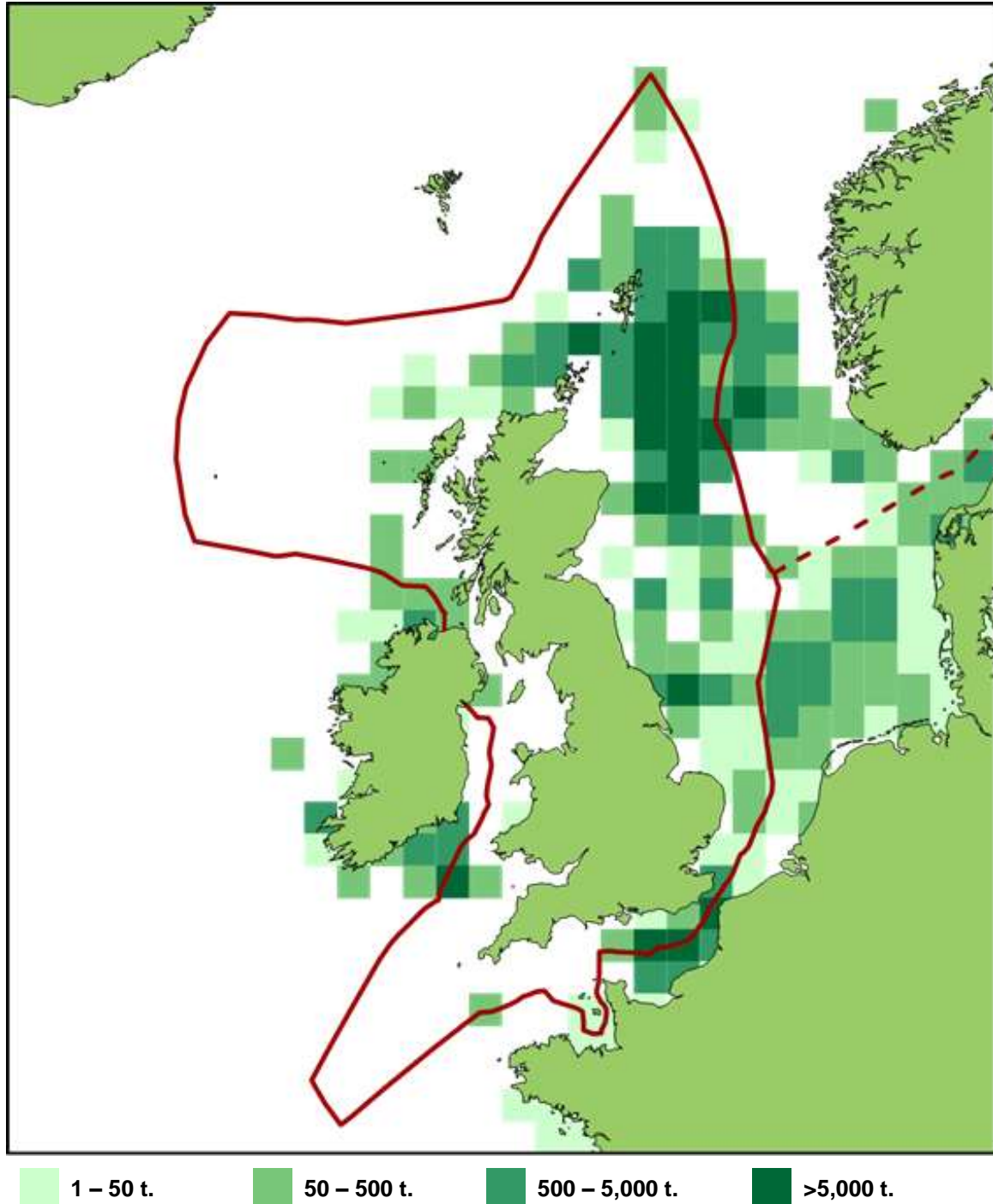


Figure 52 Landings of herring by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Herring



UK Fishing Boats

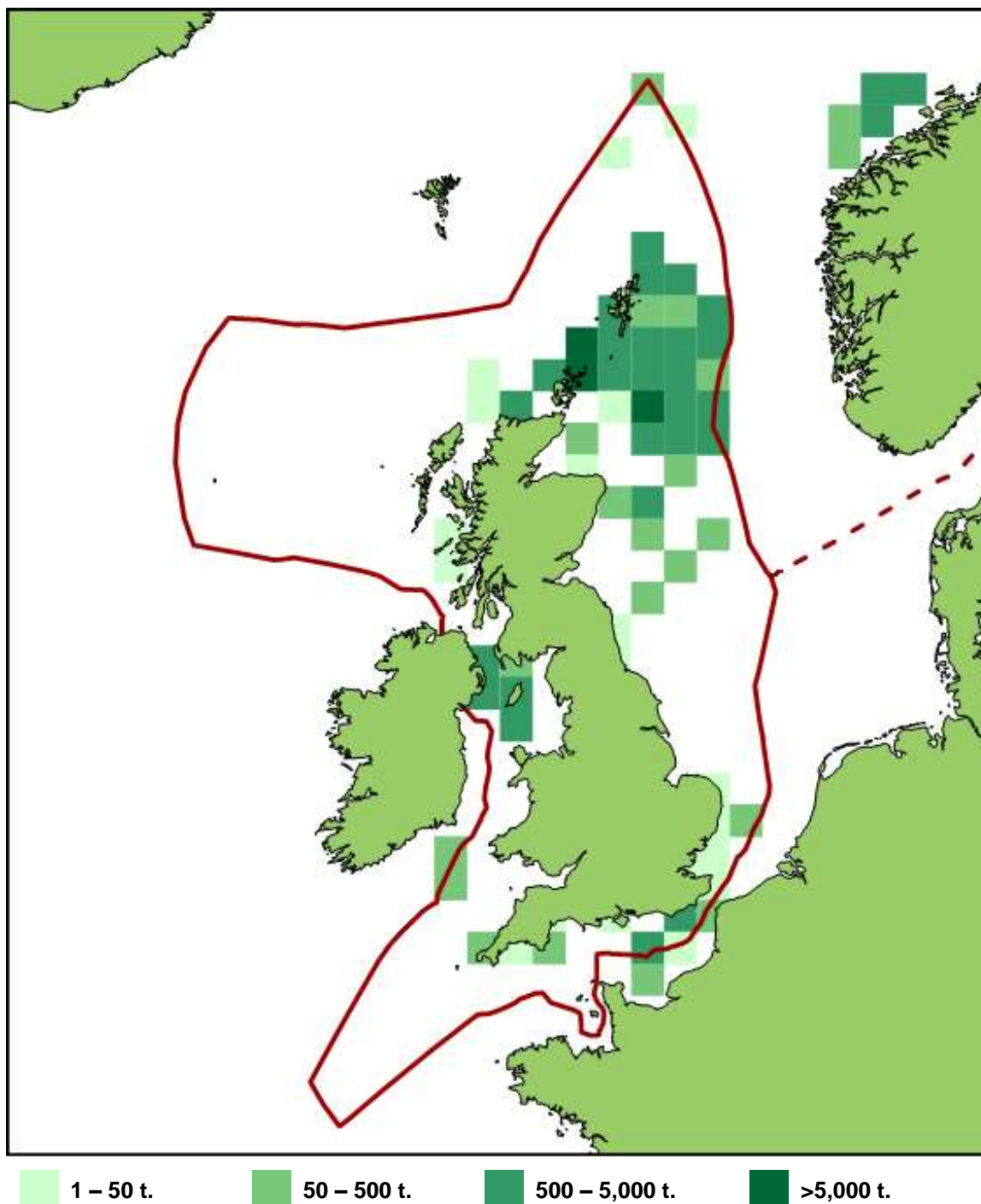
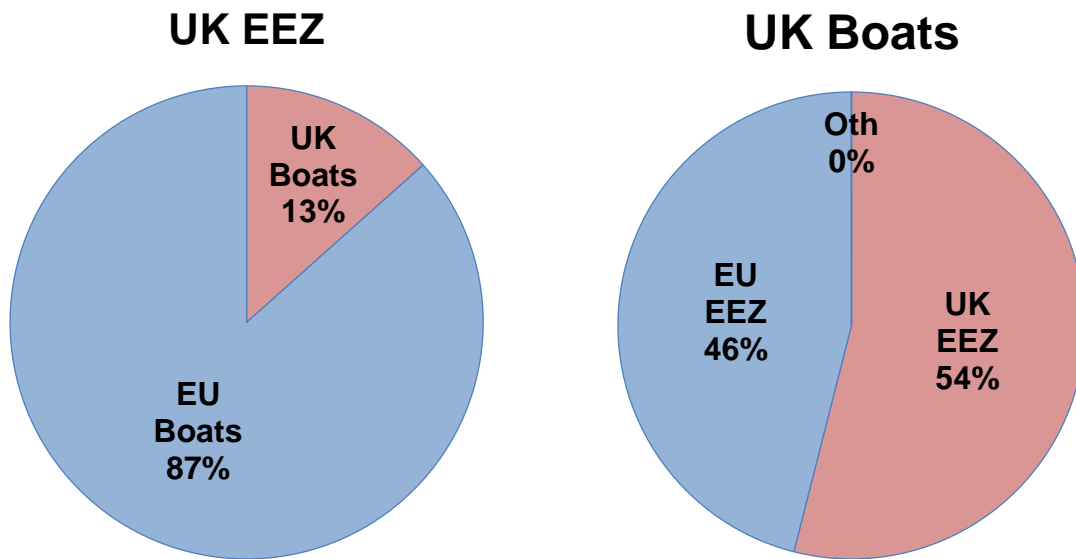


Figure 53 Landings of herring by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Horse Mackerel



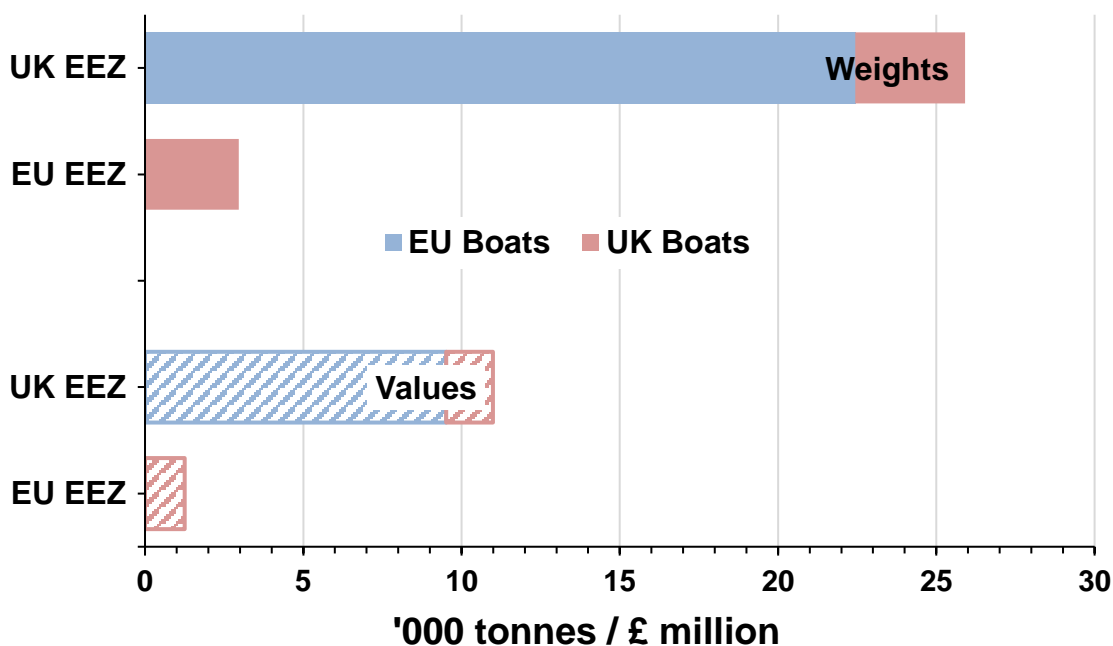
Horse Mackerel	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	100.3	81%	£42.5	81%
from UK EEZ	22.4	18%	£9.5	18%
from Elsewhere in NE Atlantic*	0.5	0%	£0.2	0%
TOTAL	123.2	100%	£52.3	100%
UK Boats				
from EU EEZ	3.0	46%	£1.3	46%
from UK EEZ	3.5	54%	£1.5	54%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	6.4	100%	£2.7	100%
UK EEZ				
UK Boats	3.5	13%	£1.5	13%
EU Boats	22.4	87%	£9.5	87%
TOTAL	25.9	100%	£11.0	100%
Ratio (EU:UK)	7.6 : 1		7.6 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 54 Breakdown of the estimated weights and values of horse mackerel landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Horse Mackerel

Comparison



Horse Mackerel	Weight ('000 t.)	Value (£ m)
UK Boats from UK EEZ	3.5	£1.5
EU Boats from UK EEZ	22.4	£9.5
UK Boats from EU EEZ	3.0	£1.3
Ratio (EU:UK)	7.6 : 1	7.6 : 1

Figure 55 Comparison of the estimated weights and values of horse mackerel landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Horse Mackerel



EU Fishing Boats

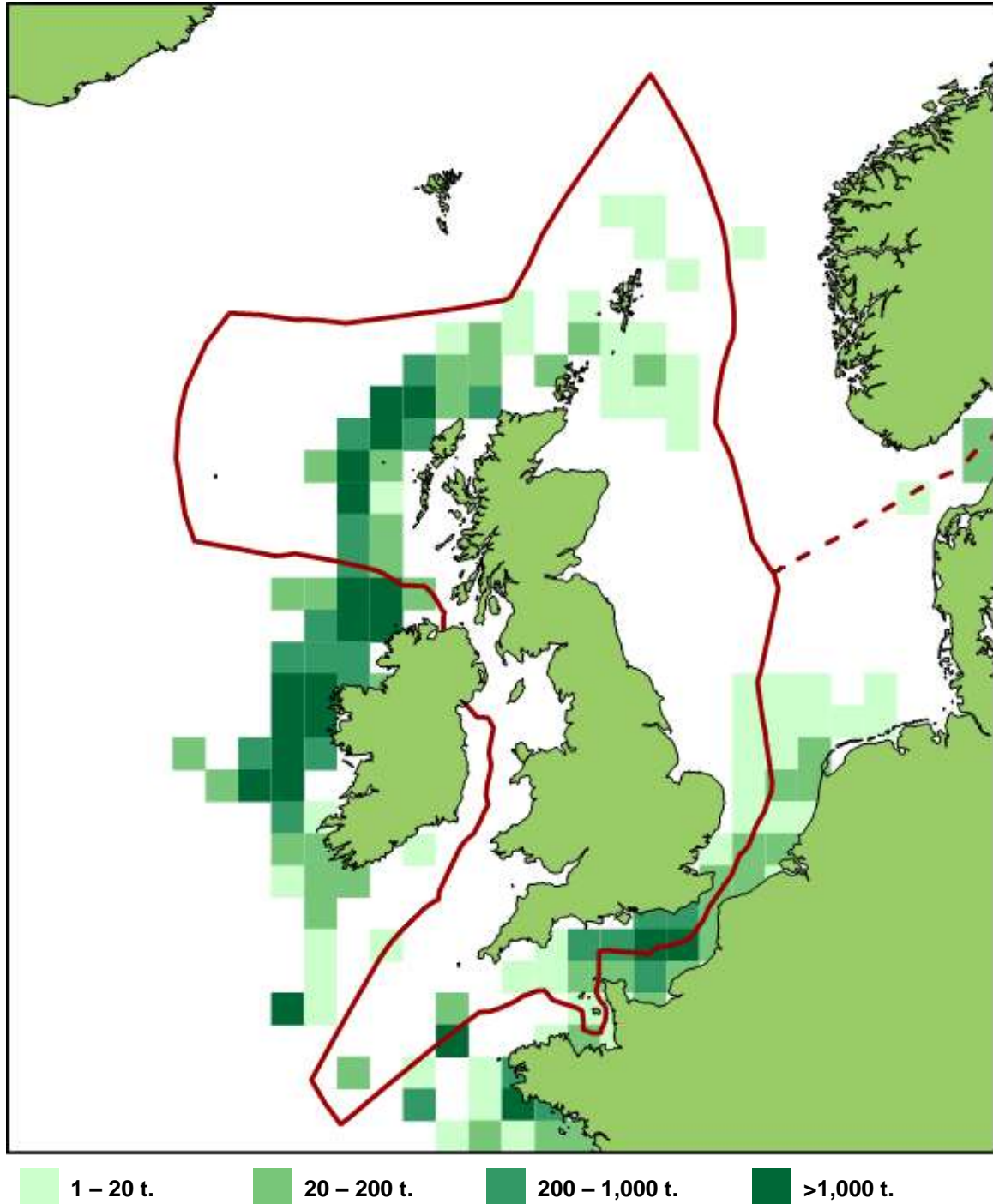


Figure 56 Landings of horse mackerel by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Horse Mackerel



UK Fishing Boats

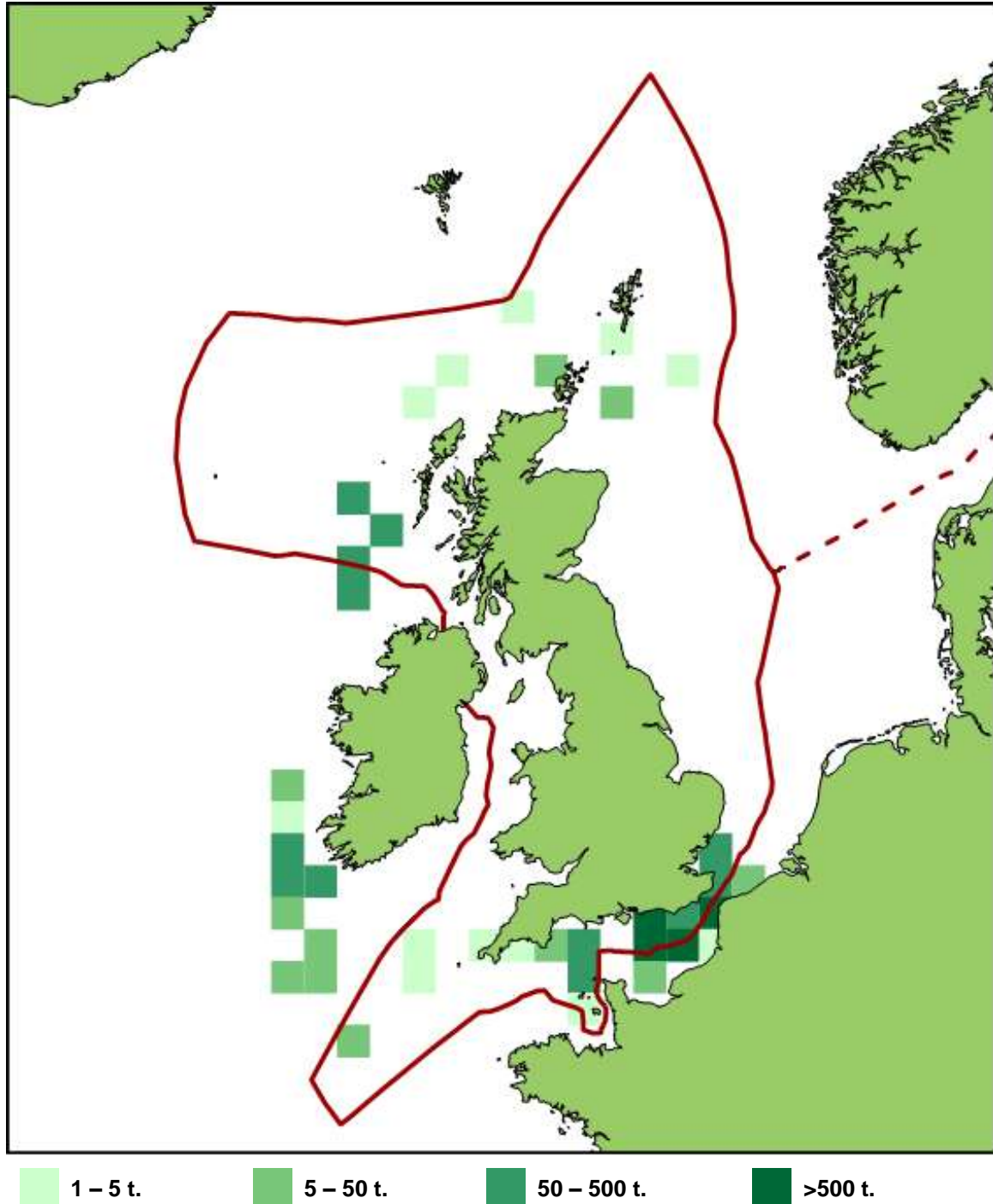
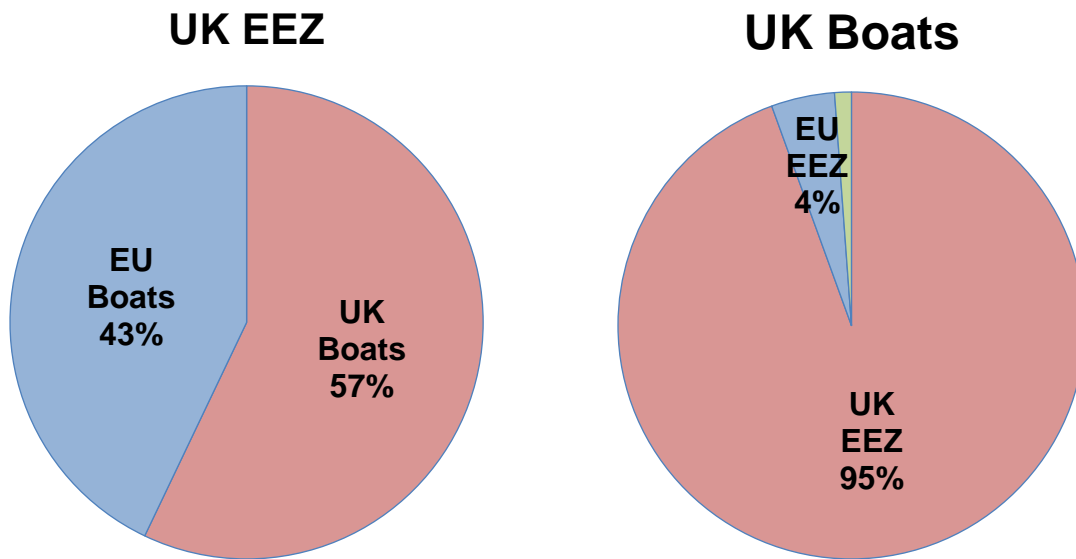


Figure 57 Landings of horse mackerel by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Mackerel



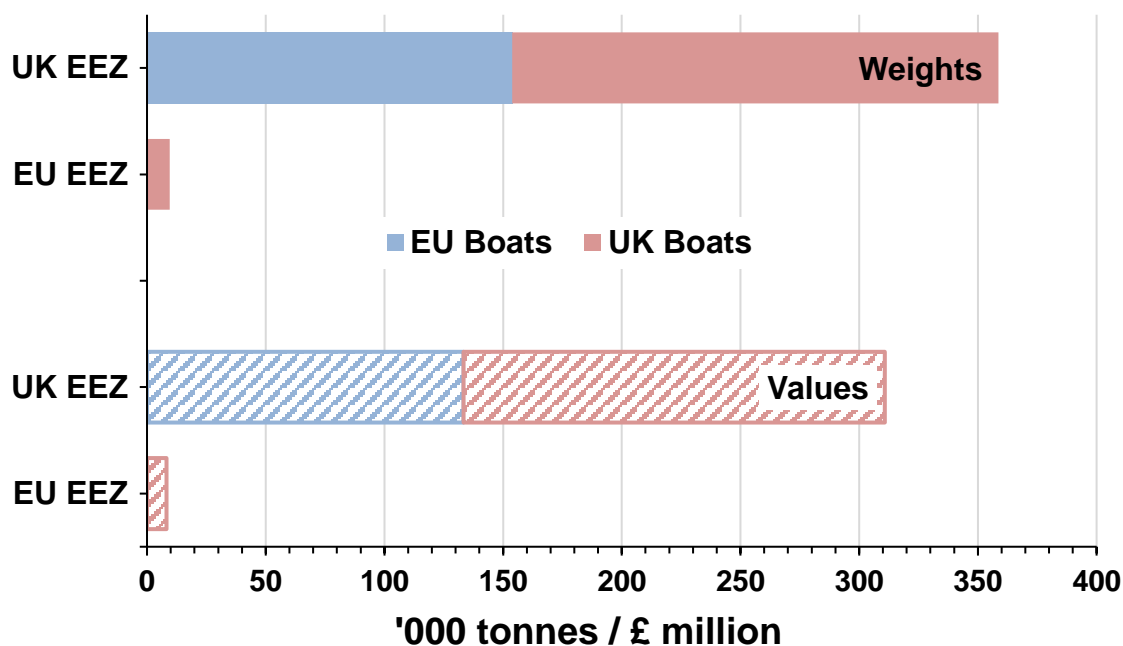
Mackerel	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	61.8	27%	£53.6	27%
from UK EEZ	153.9	67%	£133.4	67%
from Elsewhere in NE Atlantic*	14.5	6%	£12.5	6%
TOTAL	230.2	100%	£199.5	100%
UK Boats				
from EU EEZ	9.5	4%	£8.2	4%
from UK EEZ	204.7	94%	£177.4	94%
from Elsewhere in NE Atlantic	2.5	1%	£2.2	1%
TOTAL	216.8	100%	£187.8	100%
UK EEZ				
UK Boats	204.7	57%	£177.4	57%
EU Boats	153.9	43%	£133.4	43%
TOTAL	358.6	100%	£310.8	100%
Ratio (EU:UK)	16.2 : 1		16.2 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 58 Breakdown of the estimated weights and values of mackerel landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Mackerel

Comparison



Mackerel	Weight ('000 t.)	Value (£ m)
UK Boats from UK EEZ	204.7	£177.4
EU Boats from UK EEZ	153.9	£133.4
UK Boats from EU EEZ	9.5	£8.2
Ratio (EU:UK)	16.2 : 1	16.2 : 1

Figure 59 Comparison of the estimated weights and values of mackerel landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Mackerel



EU Fishing Boats

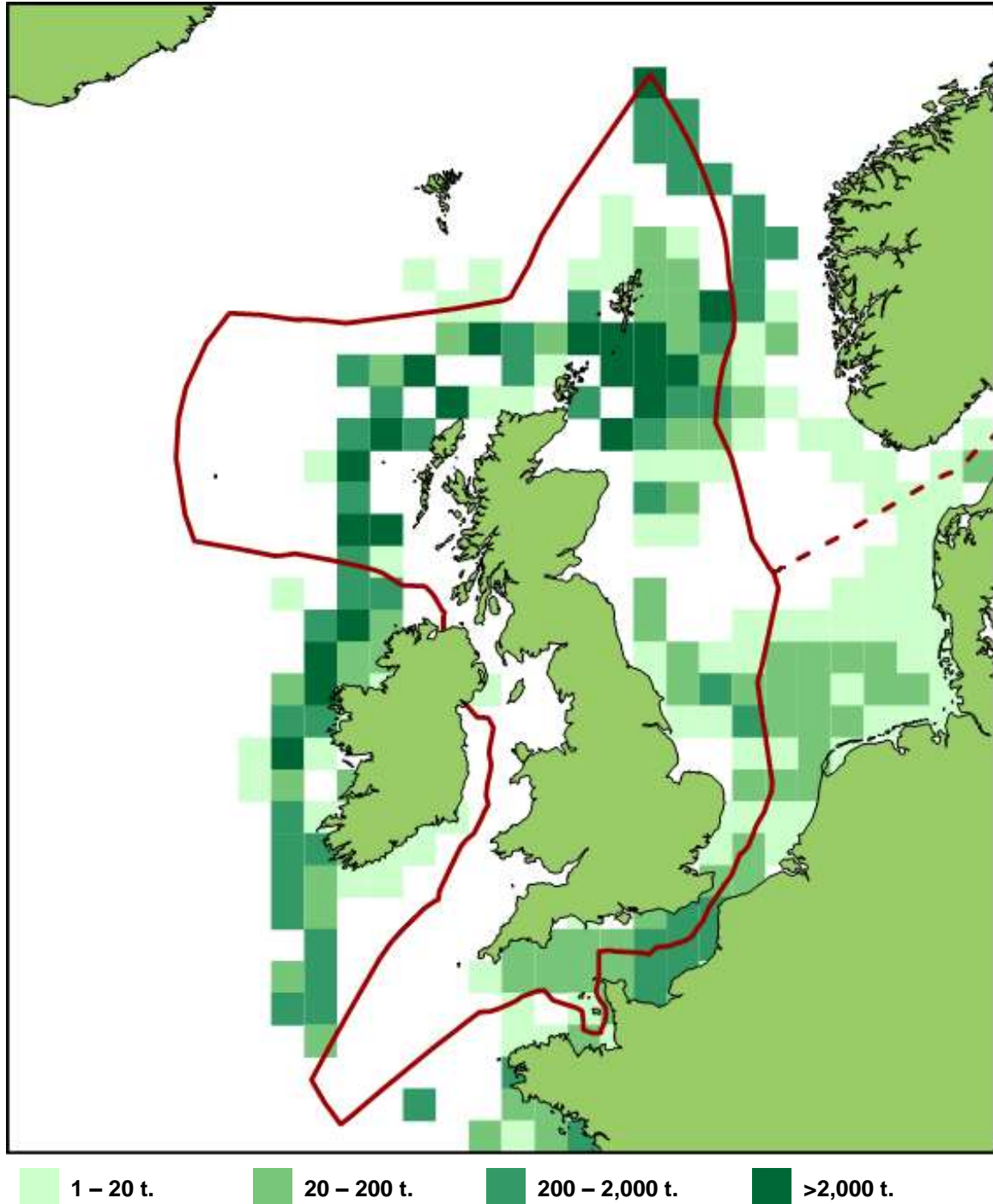


Figure 60 Landings of mackerel by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Mackerel



UK Fishing Boats

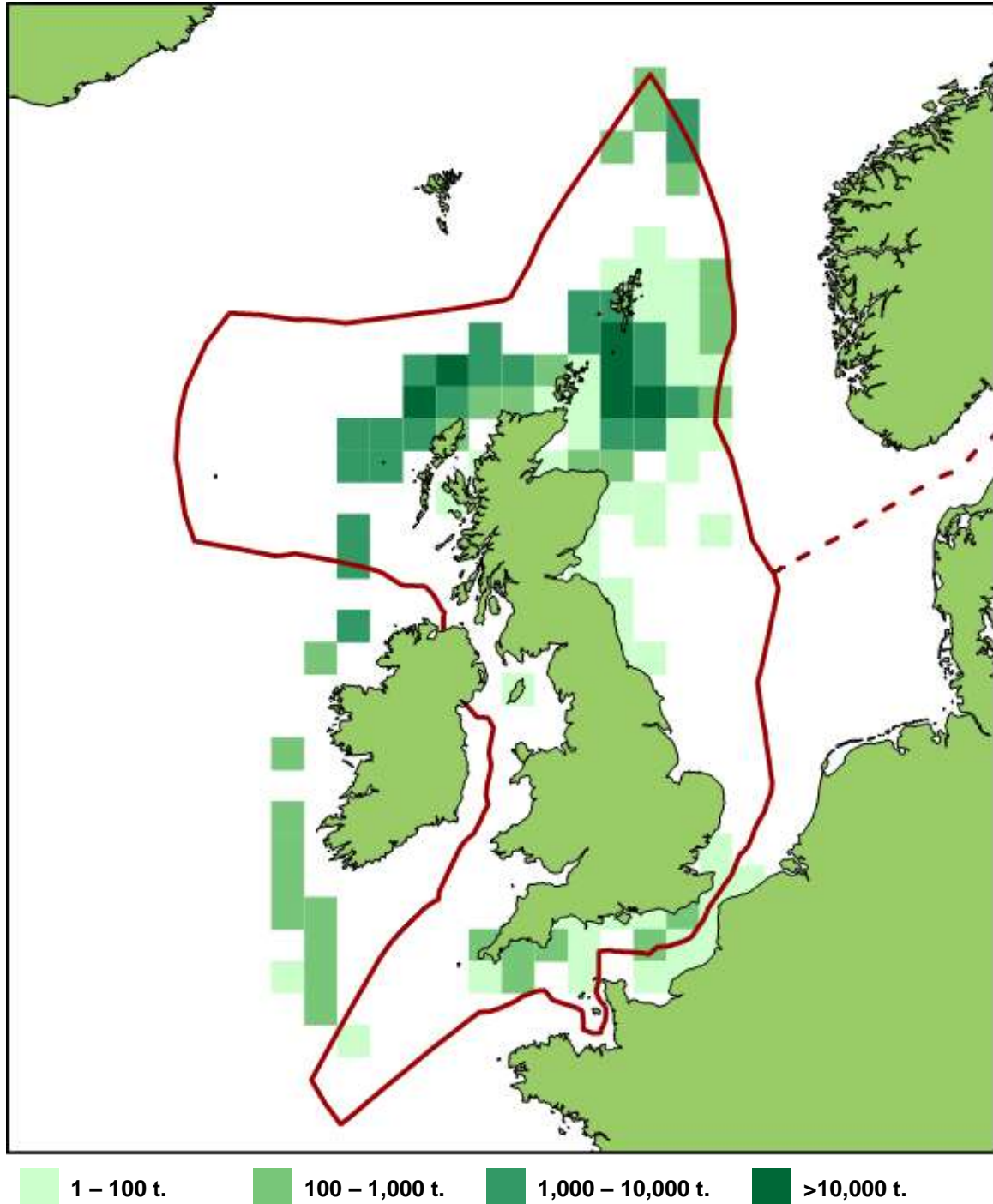
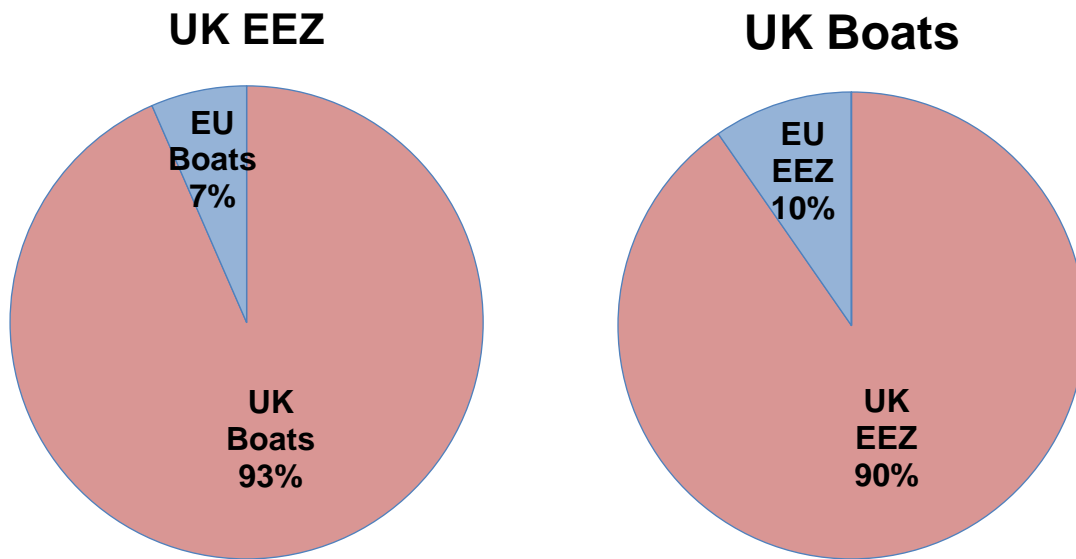


Figure 61 Landings of mackerel by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Edible (Brown) Crabs



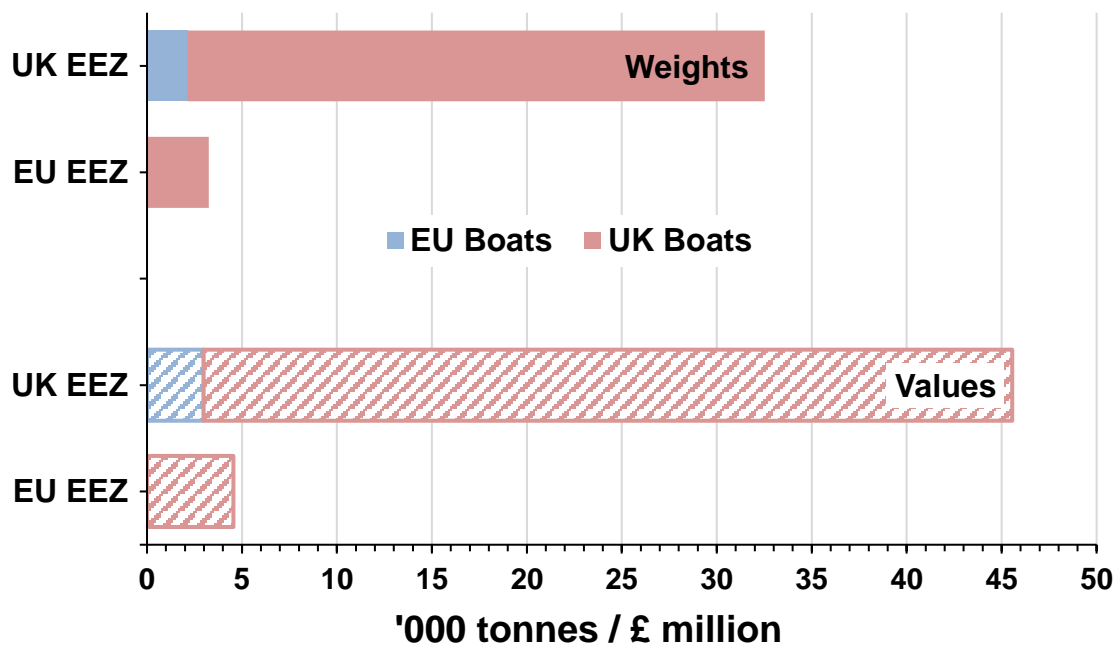
Edible (Brown) Crabs	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	12.7	84%	£17.8	84%
from UK EEZ	2.1	14%	£3.0	14%
from Elsewhere in NE Atlantic*	0.2	2%	£0.3	2%
TOTAL	15.1	100%	£21.1	100%
UK Boats				
from EU EEZ	3.3	10%	£4.6	10%
from UK EEZ	30.4	90%	£42.6	90%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	33.7	100%	£47.1	100%
UK EEZ				
UK Boats	30.4	93%	£42.6	93%
EU Boats	2.1	7%	£3.0	7%
TOTAL	32.5	100%	£45.6	100%
Ratio (EU:UK)	0.7 : 1		0.7 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 62 Breakdown of the estimated weights and values of edible (brown) crabs landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Edible (Brown) Crabs

Comparison



Edible (Brown) Crabs			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	30.4	£42.6
EU Boats	from	UK EEZ	2.1	£3.0
UK Boats	from	EU EEZ	3.3	£4.6
Ratio (EU : UK)			0.7 : 1	0.7 : 1

Figure 63 Comparison of the estimated weights and values of edible (brown) crabs landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Edible (Brown) Crabs



EU Fishing Boats

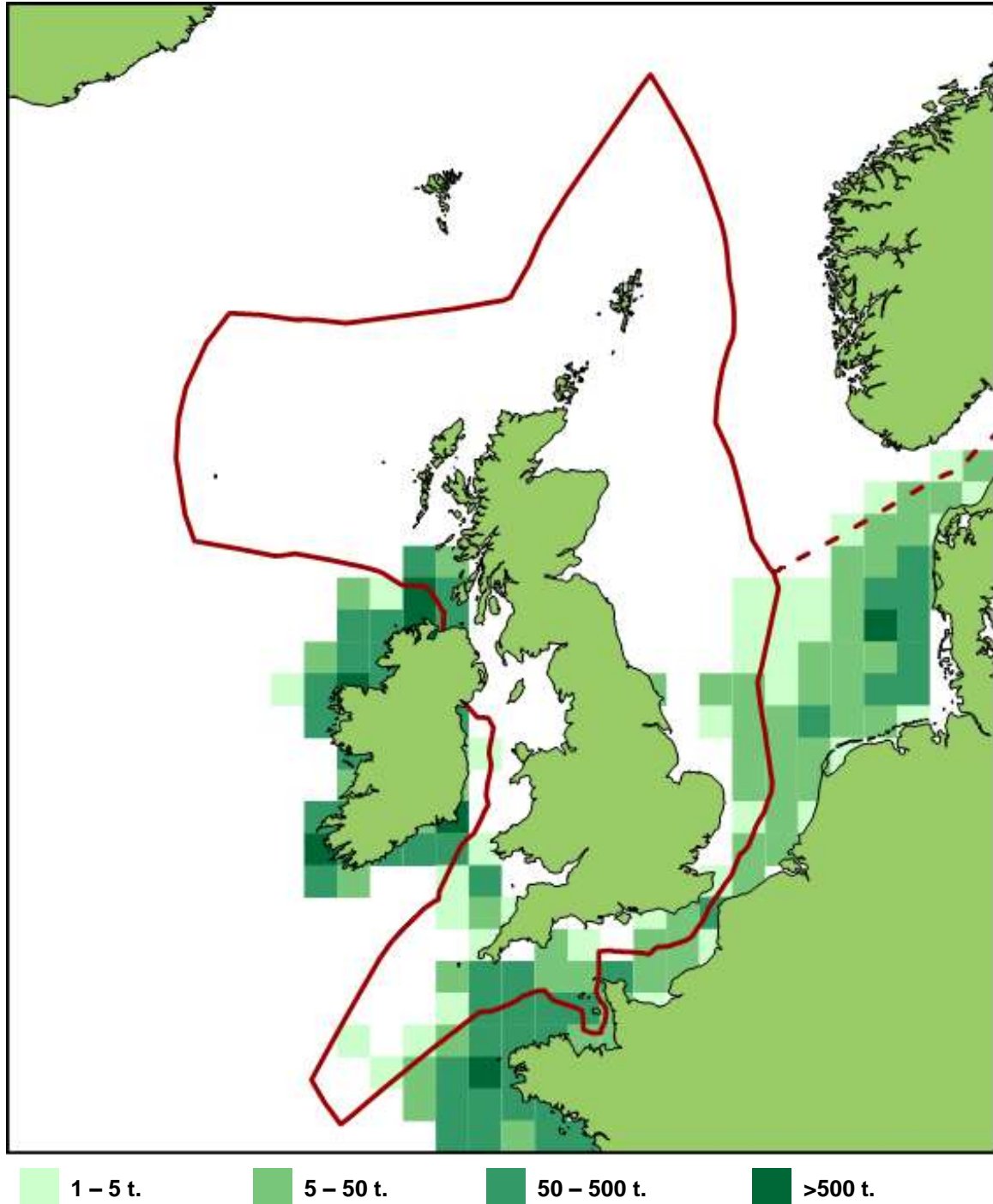


Figure 64 Landings of edible (brown) crabs by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Edible (Brown) Crabs



UK Fishing Boats

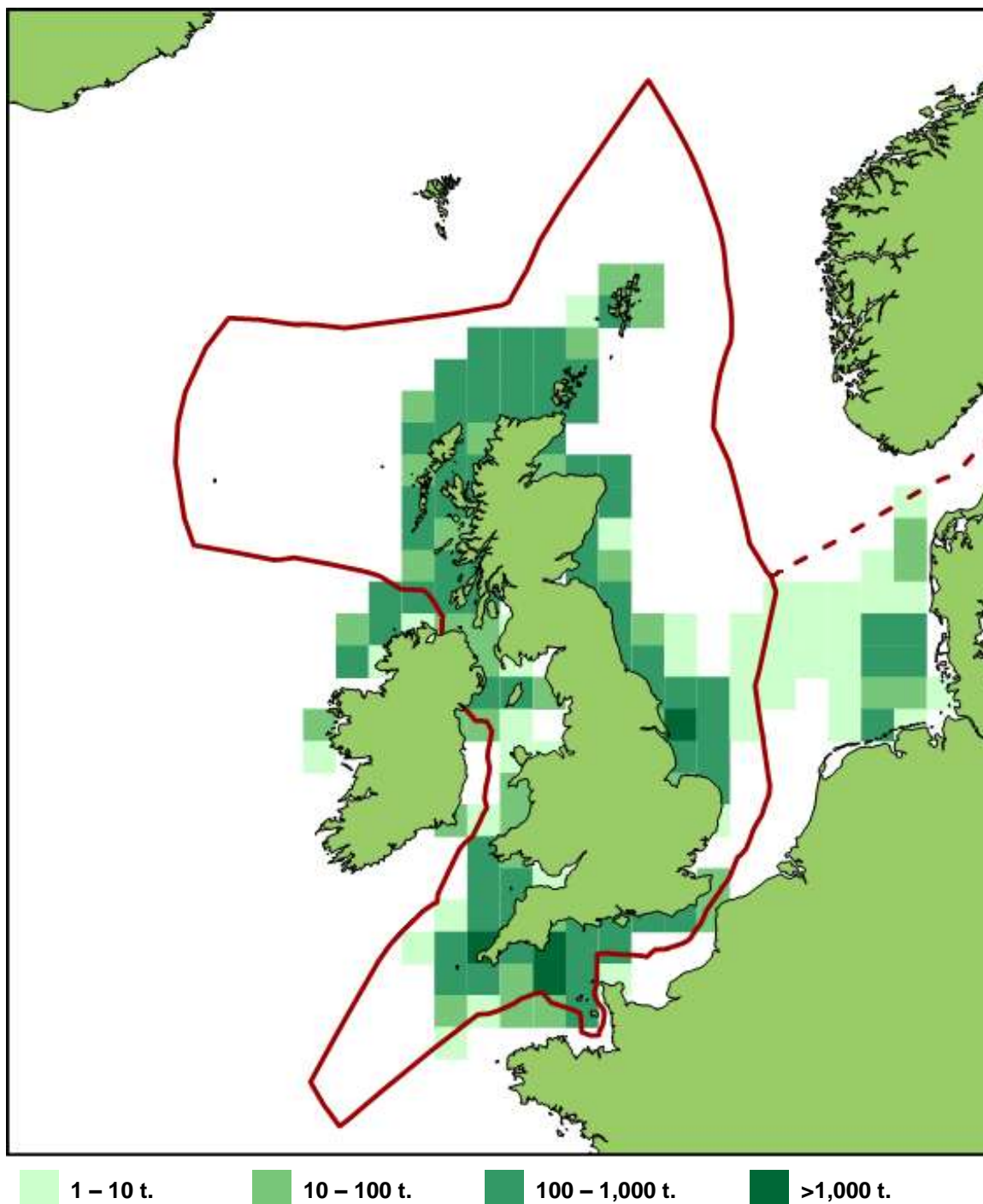
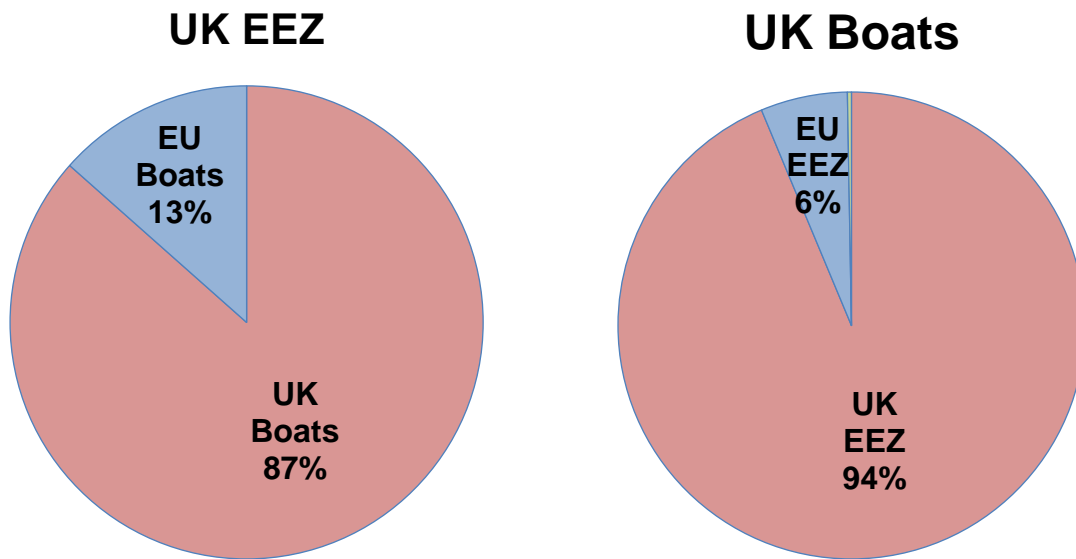


Figure 65 Landings of edible (brown) crabs by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Nephrops ('Prawns')



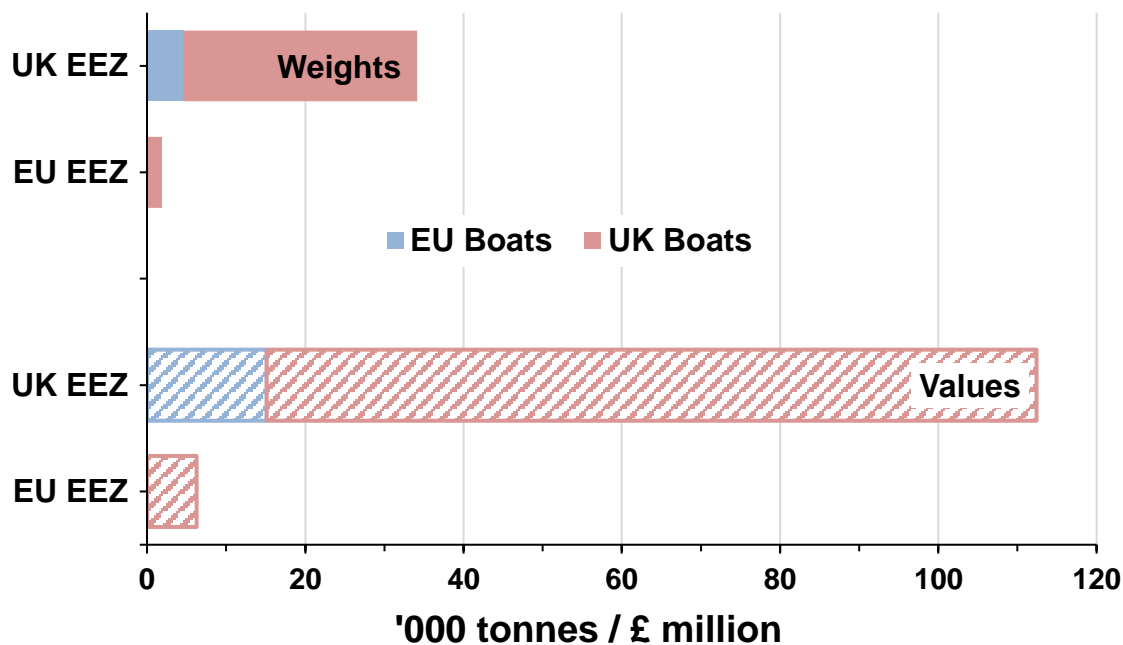
Nephrops ('Prawns')	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	14.6	62%	£47.9	62%
from UK EEZ	4.6	20%	£15.1	20%
from Elsewhere in NE Atlantic*	4.2	18%	£13.7	18%
TOTAL	23.3	100%	£76.7	100%
UK Boats				
from EU EEZ	1.9	6%	£6.2	6%
from UK EEZ	29.5	94%	£97.3	94%
from Elsewhere in NE Atlantic	0.1	0%	£0.3	0%
TOTAL	31.5	100%	£103.8	100%
UK EEZ				
UK Boats	29.5	87%	£97.3	87%
EU Boats	4.6	13%	£15.1	13%
TOTAL	34.1	100%	£112.4	100%
Ratio (EU:UK)	2.4 : 1		2.4 : 1	

* for EU boats 'Elsewhere in NE Atlantic' includes the Baltic Sea

Figure 66 Breakdown of the estimated weights and values of Nephrops ('prawns') landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Nephrops ('Prawns')

Comparison



Nephrops ('Prawns')			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	29.5	£97.3
EU Boats	from	UK EEZ	4.6	£15.1
UK Boats	from	EU EEZ	1.9	£6.2
Ratio (EU : UK)			2.4 : 1	2.4 : 1

Figure 67 Comparison of the estimated weights and values of Nephrops ('prawns') landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Nephrops ('Prawns')



EU Fishing Boats

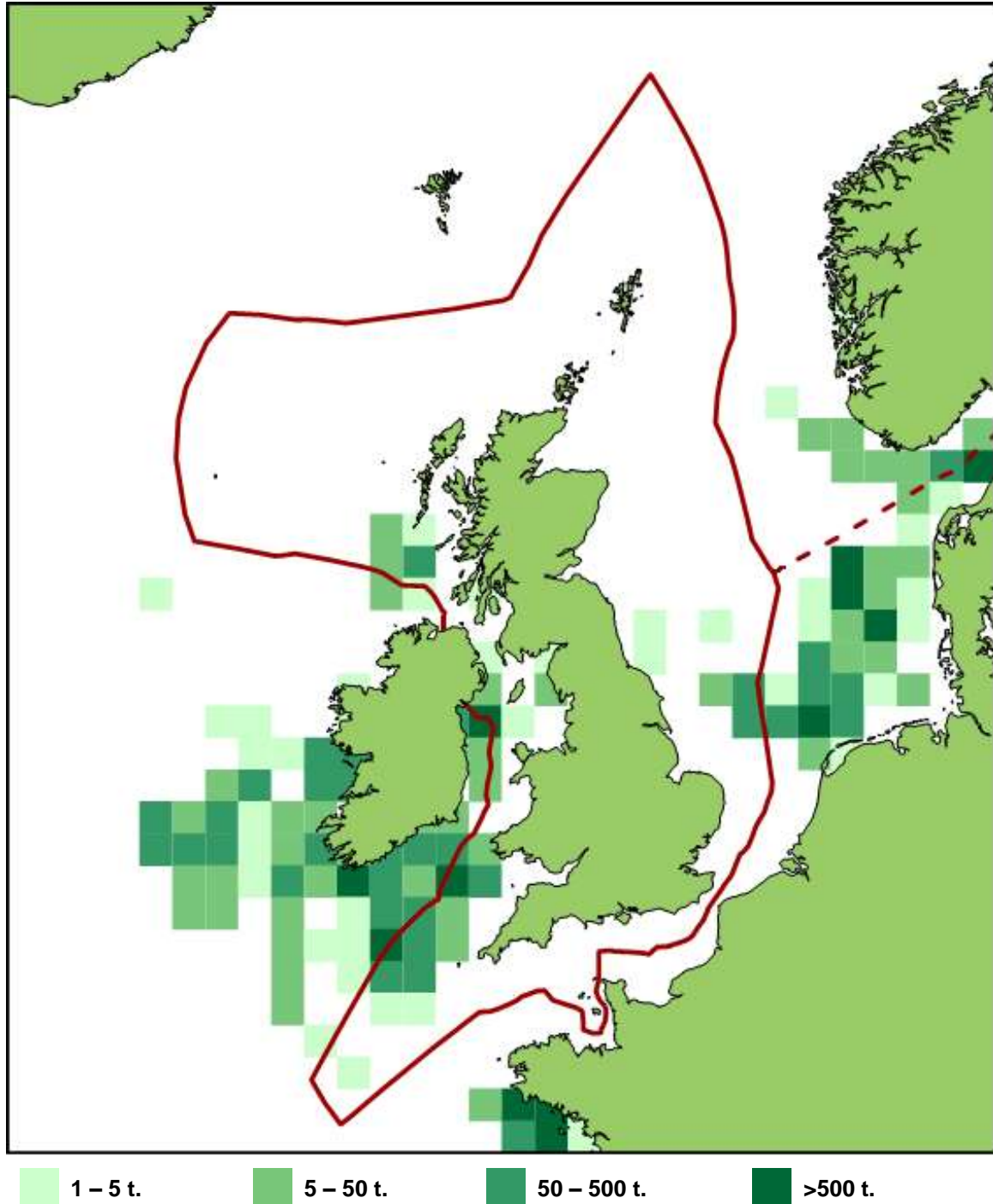


Figure 68 Landings of Nephrops ('prawns') by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Nephrops ('Prawns')



UK Fishing Boats

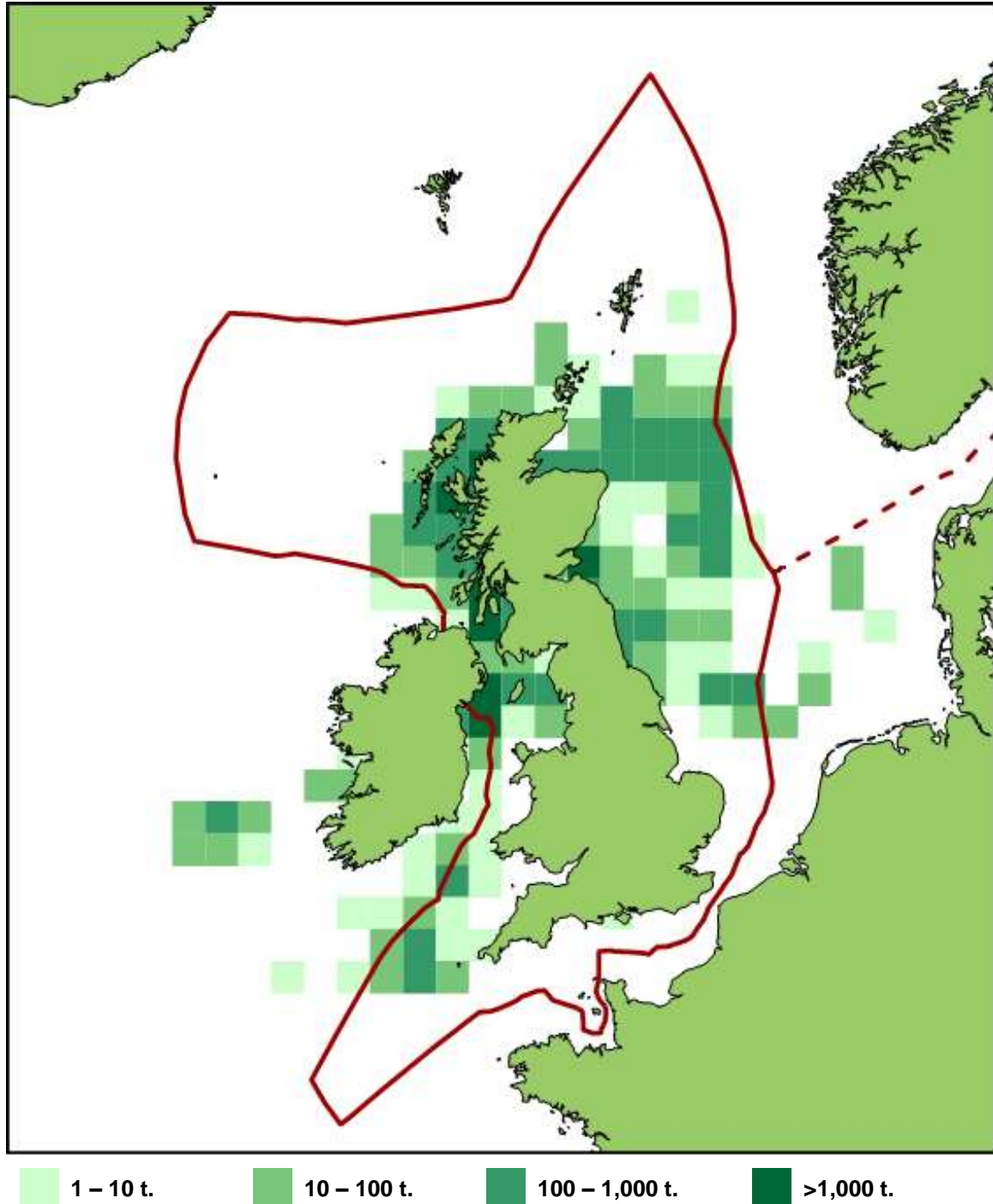
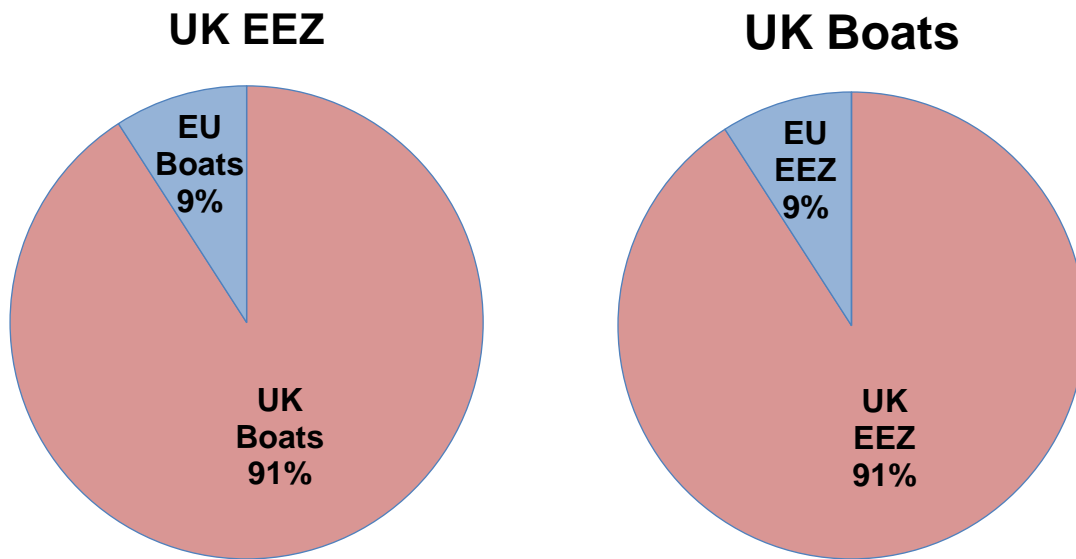


Figure 69 Landings of Nephrops ('prawns') by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Scallops

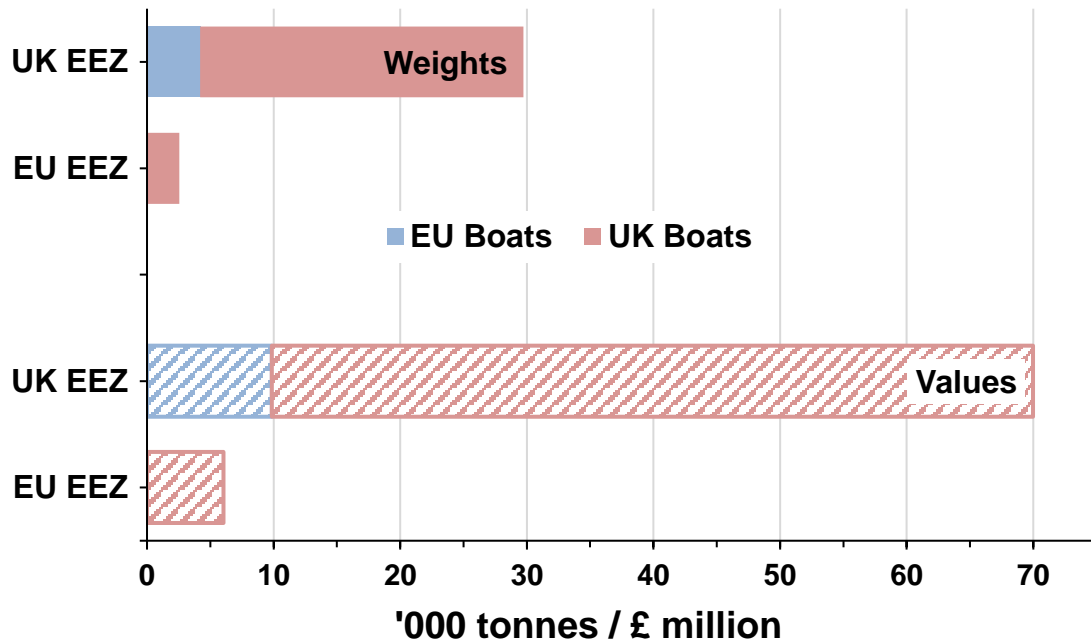


Scallops	Weight ('000 t.)		Value (£ m)	
EU Boats				
from EU EEZ	24.2	85%	£56.9	85%
from UK EEZ	4.2	15%	£9.9	15%
from Elsewhere in NE Atlantic*	0.0	0%	£0.0	0%
TOTAL	28.3	100%	£66.7	100%
UK Boats				
from EU EEZ	2.6	9%	£6.0	9%
from UK EEZ	25.5	91%	£60.1	91%
from Elsewhere in NE Atlantic	0.0	0%	£0.0	0%
TOTAL	28.1	100%	£66.2	100%
UK EEZ				
UK Boats	25.5	86%	£60.1	86%
EU Boats	4.2	14%	£9.9	14%
TOTAL	29.7	100%	£70.0	100%
Ratio (EU:UK)	1.6 : 1		1.6 : 1	

Figure 70 Breakdown of the estimated weights and values of scallops landed by EU and UK fishing boats from the North-East Atlantic (FAO Area 27) and from the EU and UK EEZs in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ. EU EEZ excludes Baltic, Madeira & Azores.

Scallops

Comparison



Scallops			Weight ('000 t.)	Value (£ m)
UK Boats	from	UK EEZ	25.5	£60.1
EU Boats	from	UK EEZ	4.2	£9.9
UK Boats	from	EU EEZ	2.6	£6.0
Ratio (EU : UK)			1.6 : 1	1.6 : 1

Figure 71 Comparison of the estimated weights and values of scallops landed by EU and UK fishing boats from the UK EEZ and by UK boats from the EU EEZ in 2016. 'Ratio' = ratio of EU boats' landings from UK EEZ to UK boats' landings from EU EEZ.

Scallops



EU Fishing Boats

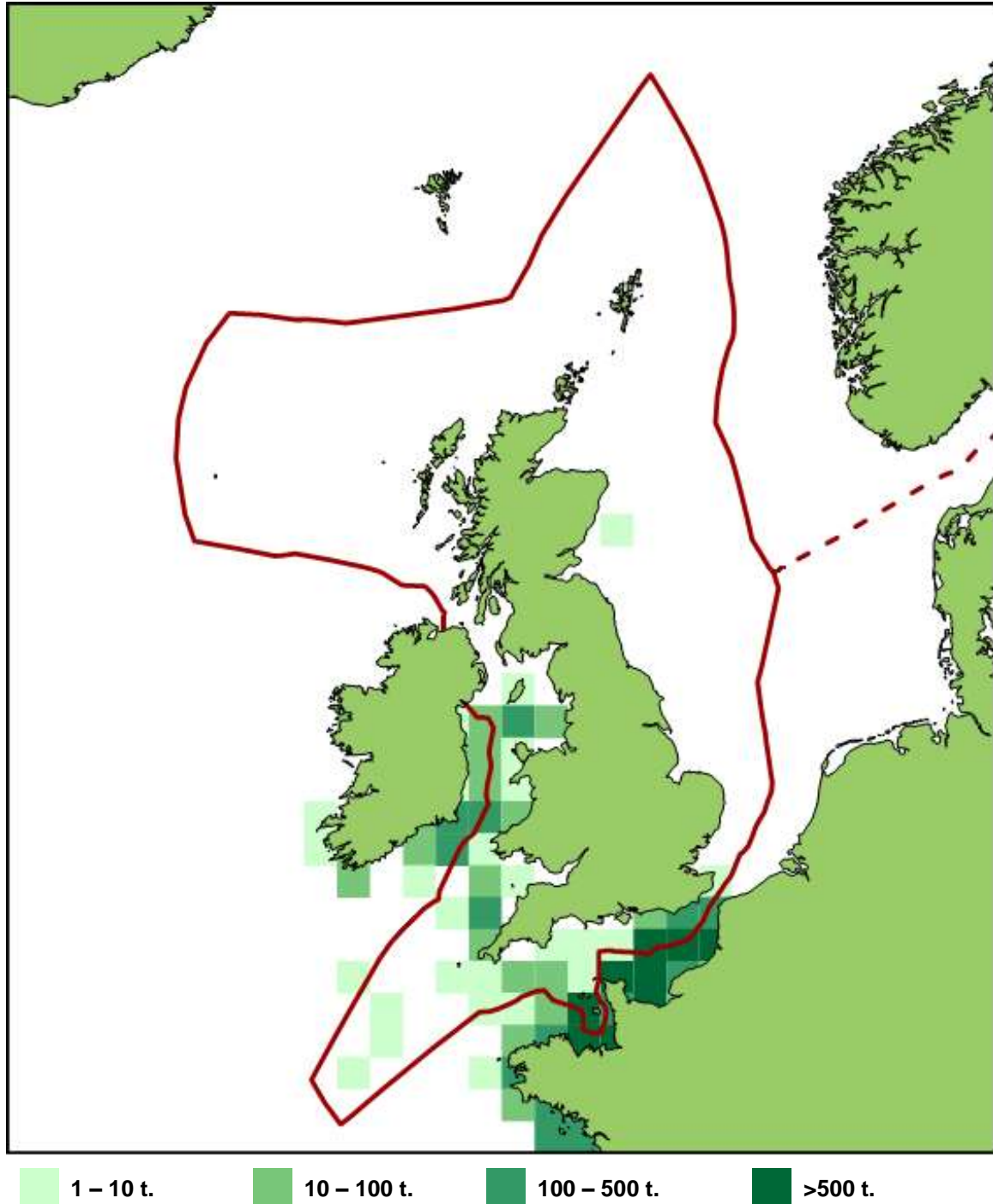


Figure 72 Landings of scallops by EU fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Scallops



UK Fishing Boats

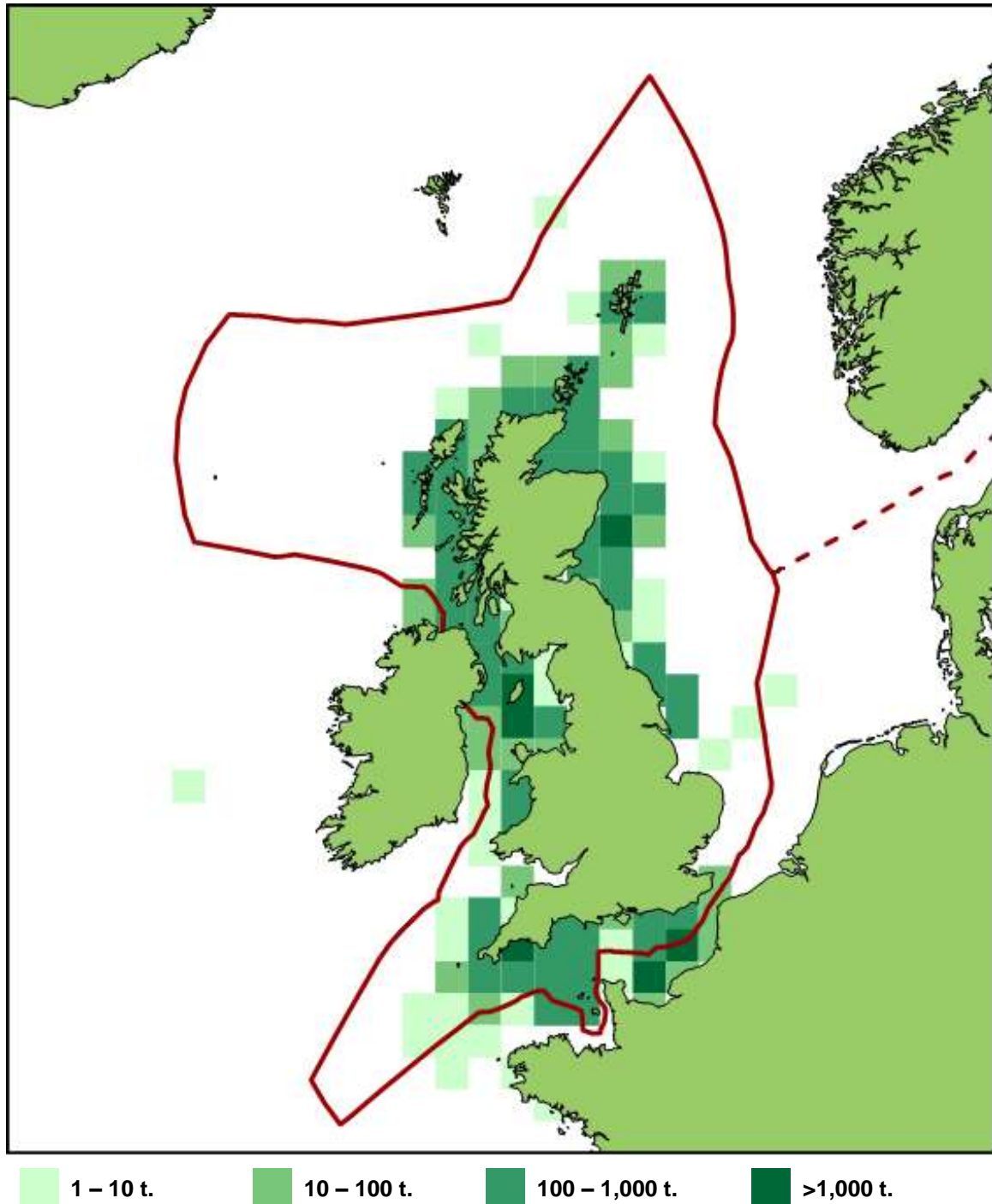


Figure 73 Landings of scallops by UK fishing boats by ICES rectangle in relation to the UK EEZ in 2016 (tonnes). Darker colours indicate greater landings - see notes on page 6.

Discussion & Conclusions

An analysis of available data has been carried out to determine how much fish and shellfish are landed from the UK's Exclusive Economic Zone (UK EEZ) by EU fishing boats and by UK boats from elsewhere in the EU EEZ in 2016.

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

There are two main findings from this analysis:

Firstly, it is estimated that EU fishing boats caught well over half of the fish and shellfish from the UK EEZ by EU and UK boats in 2016 (58% of the total by weight). That does not take account of landings from the UK EEZ by Norwegian, Faroese or other non-EU fishing boats (for which data are available) which would reduce UK boats' share.

Overall, it is estimated that almost one-quarter (23% by weight) of the fish and shellfish landed by EU fishing boats from the North-East Atlantic in 2016 was caught in the UK EEZ.

Secondly, in contrast, it is estimated that only a small proportion of the fish and shellfish landed by UK fishing boats in 2016 (12% by weight) was caught in other areas of the EU EEZ.

As a result, it is estimated EU boats landed 10 times more fish and shellfish (by weight) from the UK EEZ in 2016, or six times more by value, than UK boats did from other areas of the EU EEZ.

The ratio between the amounts landed by EU fishing boats from the UK EEZ and by UK boats from the EU EEZ varied widely between individual species (Table 1), from less than one to 170 (for herring) and 260 (for saithe). Nevertheless, only two of the 15 principal species landed by EU boats from the UK EEZ and the 10 principal species landed by UK boats from the EU EEZ had a ratio of less than one (plaice and edible crabs). That is, for all of the other principal species EU boats landed more from the UK EEZ than UK boats did from the EU EEZ.

Table 1 Summary of the ratios of landings by EU boats from the UK EEZ to landings by UK boats from the EU EEZ for individual species. (For individual species the ratios are the same for the weights and values of landings.)

	Ratio	Page No.
Cod	14.2 : 1	17
Haddock	7.1 : 1	21
Hake	5.8 : 1	25
Megrim	1.6 : 1	29
Monks (Anglerfish)	1.9 : 1	33
Plaice	0.8 : 1	37
Saithe	259.7 : 1	41
Sole (Common / Dover)	11.3 : 1	45
Whiting	45.3 : 1	49
Blue Whiting	4.5 : 1	53
Herring	173.0 : 1	57
Horse Mackerel	7.6 : 1	61
Mackerel	16.2 : 1	65
Crabs (Edible / Brown)	0.7 : 1	69
Nephrops ('Prawns')	2.4 : 1	73
Scallops	1.6 : 1	77
ALL Species	10.0 : 1 (wt.) 6 : 1 (£)	8

