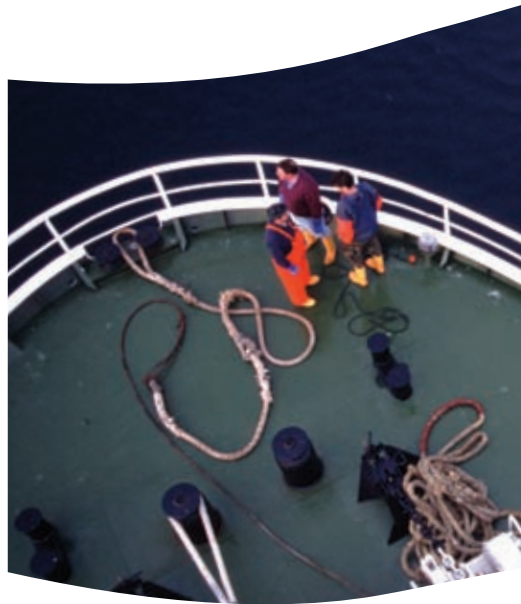


# 2006 Economic Survey of the UK Fishing Fleet





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# 2006 Economic Survey of the UK Fishing Fleet

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# Contents

Page Number

Executive Summary and Introduction	I
<b>Chapter 1: Survey Methods</b>	<b>5</b>
Industry support	6
Fleet segmentation	6
Survey methods	6
Statistical analysis	6
<b>Chapter 2: Cross-Sector Analysis</b>	<b>10</b>
Earnings	14
Costs	14
Fuel	14
Quota	14
Days at sea	17
Repairs, maintenance and other vessel owner costs	17
Crew share	17
Profit	19
Invested capital and debt levels	22
<b>Chapter 3: Segment Reports</b>	<b>23</b>
Area VII scallop dredge over 10m	24
Area VIIA nephrops single-rig trawl over 10m	27
Area VIIA nephrops twin-rig trawl over 10m	30
Area VIIDEFG trawlers 10-15m	33
Area VIIDEFG trawlers 15-40m	36
Area VIIDEFG trawlers 40m+	38
Gill netters over 10m	40
Irish Sea demersal trawl over 10m	43
Long line vessels over 10m	46
North Sea beam trawl over 300kW	48
North Sea beam trawl under 300kW	51
North Sea nephrops single-rig trawl over 10m	53

North Sea nephrops twin-rig trawl over 10m	56
North Sea and West of Scotland demersal trawl over 24m	59
North Sea and West of Scotland demersal pair seine/trawl over 10m	62
North Sea and West of Scotland demersal seine netters over 10m	65
North Sea and West of Scotland demersal twin-rig trawl over 10m	68
North Sea and West of Scotland demersal trawl under 24m, over 300kW	71
North Sea and West of Scotland demersal trawl under 24m, under 300kW	74
North Sea and West of Scotland scallop dredge over 10m	76
Potters and creelers 10-12m	79
Potters and creelers over 12m	82
South West and English Channel beam trawl under 221kW	85
South West and English Channel beam trawl over 221kW, under 30m	87
South West and English Channel beam trawl over 221kW, over 30m	90
UK Pelagic 10-40m	93
UK Pelagic over 40m	96
West of Scotland nephrops single-rig trawl over 10m	99
West of Scotland nephrops twin-rig trawl over 10m	102
Under 10m demersal trawlers and seiners	105
Under 10m scallop dredge	108
Under 10m potters and creelers	111
Under 10m other mobile gears	114
Under 10m other passive gears	116
Under 10m mobile and passive polyvalent	119

## Appendices 121

1	Data tables	122
2	Survey returns 2005 and 2006	126
3	Bibliography	128

# Executive Summary and Introduction

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## Executive Summary

### Key findings

- Despite increased earnings, rising costs meant that less profit was generated by the UK fishing fleet in 2006 compared to 2005.
- The total turnover (sales) of the UK fleet was around £610m in 2006.
- Earnings increased in most vessel segments between 2005 and 2006.
- Expenditure on marine fuel was around £98m in 2006, 9% more than in 2005.
- Total expenditure on UK crew wages was around £133m in 2006, 13% less than in 2005.
- Total profit generated by the UK fleet was around £95m in 2006, 24% less than in 2005.
- Average profit per vessel was lower in 2006 than in 2005 for 10 out of 20 fleet segments.
- Seafish estimates that the total Gross Value Added (GVA) generated by the UK fishing fleet was around £241m in 2006, 27% less than in 2005.

The 2006 economic fleet survey is the most recent nationwide costs and earnings survey of the UK fishing industry and continues to build upon the work carried out by the Seafish Economics team in 2005. This study presents the latest economic information on up to 35 segments of the commercially active UK fishing fleet.

Similar to 2005, rising fuel costs, strict effort controls, quota allocations, price fluctuations and competition from imports all continued to influence the structure and performance of the fleet.

The UK wide introduction of the Registration of Buyers and Sellers (RBS) legislation came into effect in January 2006. This helped to tackle the issue of under-reported landings by the UK fleet and, as a result, price increases were welcomed by fishermen around the UK coastline.

Survey results suggest that despite increases in vessel earnings across a number of segments, rising operating costs and reduced fishing opportunities meant that achieving profitability was still a major challenge for most of the UK fishing fleet in 2006.



## Introduction

The Seafish Economics department has a proven record in the collection and analysis of costs and earnings data for the UK seafood industry. Indeed, Seafish has collected this information since the 1970s.

In 2006, the UK fishing industry continued to struggle with many of the same issues that were of concern in 2005. Fluctuations in the volume of landings, combined with increased operating costs (driven by high fuel and gear prices) and tighter fisheries management measures (such as effort restrictions and closed areas) resulted in a struggle by many sectors of the fleet to achieve profitability.

Similar to the 2005 survey, this project was carried out by the Seafish Economics department. The data collection project was part funded by the UK Fisheries Administrations, who were represented on a steering group. Industry input was also sought at various stages of the project.

## Objectives

The project started in May 2007 with the following objectives:

- To gather, analyse and publish up-to-date information on the costs and earnings of the UK fishing fleet.
- To analyse the financial health of as many sectors of the UK fishing industry as possible and to present the results in a user friendly report.
- To use the information gathered to help develop and improve existing in-house economic models of the UK fishing industry capable of estimating the economic impact of fisheries management decisions on the fleet.

## Scope

The scope of the project was to cover all 'active'<sup>1</sup> vessels on the UK vessel register. We therefore included active vessels under seven metres in length for the first time. As always, we aimed to increase the coverage of the survey by targeting sectors omitted from previous reports. For the first time, costs and profits for the pelagic sector are presented, despite difficulties in obtaining information from this sector in the past. In addition, the availability of more detailed information on the under 10m fleet means that our segmentation for these vessels has improved significantly.

An excellent response was achieved across all segments of the UK fleet. Record participation levels meant that we received over 740 survey returns, including 486 sets of management accounts, covering up to 35 segments of the commercially active UK fishing fleet.

## Resources

A survey of this size, covering the length and breadth of the UK, requires considerable resource and effort to achieve a comprehensive response rate. The project was carried out over a much shorter time period than was required for the 2005 survey. This was largely achieved thanks to the efforts of Seafish Economics temporary research assistants. The team covered almost the entire UK coastline in search of vessel owners and skippers during a ten week period in the summer of 2007.

## Report Structure

The report is split into two broad sections:

**Section I** (covering chapters one and two) provides a cross-sector analysis of results, a summary of business issues and a summary of methods employed.

**Section II** consists of a series of reports detailing the financial performance of up to 35 segments of the UK fleet.

## Time Period

The aim of this study was to collect financial information relating to 2006. The accounting period for the majority of management accounts and questionnaires submitted by vessel owners and skippers was found to be the year ending March 2006.

Certain management accounts did, however, end at various points throughout the year, and in many cases, the calendar year was used. Throughout the report, the survey period referred to is 2006. It should be assumed that this covers the twelve month period ending in March of that year eg accounts ending 31 March 2006 = 2006 results.

<sup>1</sup> Active vessels are vessels on the UK vessel register that report effort and catch data for a specific year eg 2006.



# Chapter 1

## Survey Methods



## Chapter I – Survey Methods

This chapter provides an overview of the processes and techniques used to collect and report the survey data.

There is no legal requirement in the UK for owners of fishing vessels to submit financial accounts to the government. In order to generate and disseminate economic information and analysis relating to the UK fishing fleet, it is necessary to persuade vessel owners to contribute their financial information voluntarily. To collect such sensitive financial data, we need to guarantee confidentiality of individual returns and Seafish staff must establish excellent relations and a high degree of trust with vessel owners and industry representatives at all levels.

Seafish has undertaken this task on behalf of the industry since the 1970s and vessel owners have given wide support to the production of analyses and forecasts based on their data. This report and any other Seafish report relating to fleet finances and economics of fishing, could not be produced without the faith and confidence placed in us by the vessel owners who contribute their vessel accounts voluntarily, so thanks are due to them for making this publication possible.

### Industry support

Prior to starting the survey, we consulted widely with industry members in order to determine the best way to collect the financial data required. To raise awareness and participation levels, we contacted the main UK fishermen's federations, producer organisations (POs), vessel agents, accountants, and fishermen's associations – most of whom gave their full support, providing contact lists and publicity. Considerable PR activity in trade and regional press also helped raise the profile of the survey.

### Fleet segmentation

Segmentation of UK vessels was important to our objective of calculating the financial performance of the UK fishing fleet. The segmentation procedure that was successfully used in the 2005 economic survey of the UK fishing fleet was adopted and with the availability of official landings volume and value data for the under 10m fleet in 2006, the number of fleet segments increased from 31 to 35.

### Survey methods

The research team compiled a database of UK vessel owners using the existing UK fleet register, information from POs and fishermen's associations, and from existing survey work. Our research team visited fishing ports around the UK and conducted face-to-face interviews with vessel owners and skippers.

At the end of the data collection phase, our dataset contained a mixture of quantitative and qualitative information taken from the completed survey forms and annual accounts. We managed to obtain management accounts for 486 vessels, representing an 11% sample rate of the 'commercially active'<sup>1</sup> UK fleet. Our aim was to achieve a 25% sample rate for each segment. Overall participation in the survey was good and we achieved satisfactory sample sizes for 27 out of the 35 fleet segments identified. Where this was not possible, a series of checks was used to determine whether each sample could be deemed representative of the segment population. Tables 1 and 2 in Appendix 2 provide a summary of the number of vessels surveyed in both the 2005 and 2006 surveys.

### Statistical analysis

In previous years, costs and earnings estimates were derived entirely from a sample of profit and loss accounts. Relationships between the average characteristics of the sample and the average characteristics of all vessels in the segment were identified and applied to the financial data to estimate the earnings, costs and profits for the entire active vessel population.

For the 2006 UK fleet survey we adopted a new statistical approach to estimate earnings, costs and profits. The approach, a systems modelling approach, resulted from research undertaken by Seafish Economics and Glasgow Caledonian University for the Scottish Government Marine Directorate. We used multiple regression analysis to understand the relationship(s) between several independent variables (such as vessel age, days at sea, volume of landings) and dependent variables (such as fuel cost, profit). Software packages such as SPSS and STATA were then used to analyse these relationships and provide estimates of earnings,

<sup>1</sup> The UK fishing vessel register listed 6823 fishing vessels on 31 December 2006. Of those, 2314 vessels were deemed inactive, as there was insufficient information to suggest these vessels were participating in any commercial fishing activity.

costs and profits for the entire active UK fishing fleet. It is important to bear in mind this change in methodology when comparing 2006 financial performance estimates to 2004 and 2005 results.

For the calculation of Gross Value Added (GVA), which is the contribution to gross national product, and Gross Cash Flow (GCF), we adopted the definitions used in the European Annual Economic Report (AER), to which we have contributed in recent years. According to these definitions,  $GVA = \text{sum of remuneration of labour (crew share) and profit}$ ,  $GCF = \text{value of landings minus all expenses excluding insurance, gear, other vessel owner expenses, depreciation and interest}$ .

Further details relating to survey and data analysis methods can be obtained from the authors.





# Chapter 2

## Cross-Sector Analysis

## Chapter 2 – Cross-Sector Analysis

### Earnings

Seafish estimates that the total turnover of the UK fishing fleet was £610m in 2006. The total value of recorded fish landings by UK vessels at home and abroad in 2006 was £598m<sup>1</sup>, 4% more than in 2005, and the highest value in recent years, as shown in Figure 2.1. Vessels continued to undertake non-fishing activities such as guard-ship duty to boost income due to decreasing fishing opportunities and days at sea restrictions. The UK fleet earned an estimated £12m from non-fishing activities in 2006.

The UK wide introduction of the Registration of Buyers and Sellers (RBS) legislation in January 2006 has helped tackle the issue of under-reported landings by the UK fleet and, as a result, prices have increased (see Figure 2.2). Additionally, more and more vessels have taken positive steps to improve their earnings through skilled, pro-active marketing. The reward for those vessel owners and skippers who have successfully adapted their business management skills are increased earnings and improved knowledge of their target markets.

Vessel earnings have improved across a number of fleet segments, (see Figure 2.3) driven by a combination of strong

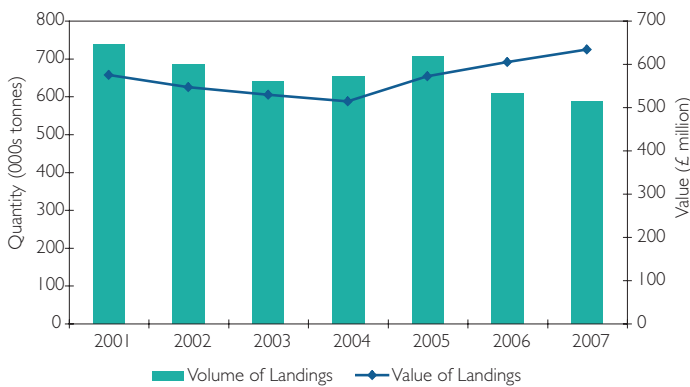


Figure 2.1: Fish landings by UK vessels (Source: MFA)

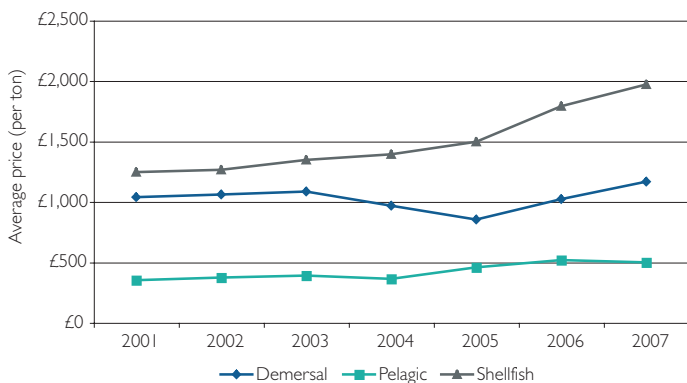


Figure 2.2: Average UK fish prices 2001 – 2007 (Source MFA)

<sup>1</sup> Source: Marine Fisheries Agency (MFA).

prices (see Figure 2.2) and a greater availability of fish on the fishing grounds.

The over 40m pelagic fleet produced the highest average vessel earnings in 2006 at £4.1 million, as shown in figure 2.3. The average earnings of Area VIIDFG over 40m vessels were similarly large.

Most fleet segments show significant improvement in vessel earnings compared to 2004. The North Sea and West of Scotland demersal trawl over 24m segment produced average vessel earnings in excess of £1.3 million in 2006. This was approximately 31% higher than in 2004.

Prior to 2006, Irish Sea demersal trawlers experienced a steady deterioration in earnings, primarily due to cod recovery effort restrictions in the Irish Sea. However, earnings for vessels in this segment appear to have stabilised between 2005 and 2006.

Vessels in the North Sea beam trawl over 300kW segment (the majority of which are foreign-owned) earned on average £857,700 in 2006, a significant decrease in earnings when compared to 2004 results. In contrast, vessels in the South West beam trawl over 221kW over 30m segment experienced a significant increase in average earnings during the same period, from £597,800 in 2004 to £748,500 in 2006.

For the over 10m mobile nephrops segments, once again North Sea vessels earned more on average than West of Scotland vessels, which in turn earned more than Irish Sea vessels. In each region, twin-rig vessels are larger and earned more on average than their single-rig counterparts.

Area VII scallop dredgers earned an average £307,200 per vessel in 2006. The average earnings of North Sea and West of Scotland scallop dredgers were around £100,000 less than the Area VII dredgers, at £206,100.

Vessel segments that show negligible increases in average earnings since 2004 include:

- South West beam trawl under 221kW;
- Area VII scallop dredge;
- Gill netters;
- Potter and creelers over 12m;
- Potters and creelers 10-12m; and
- North Sea beam trawl under 300kW.

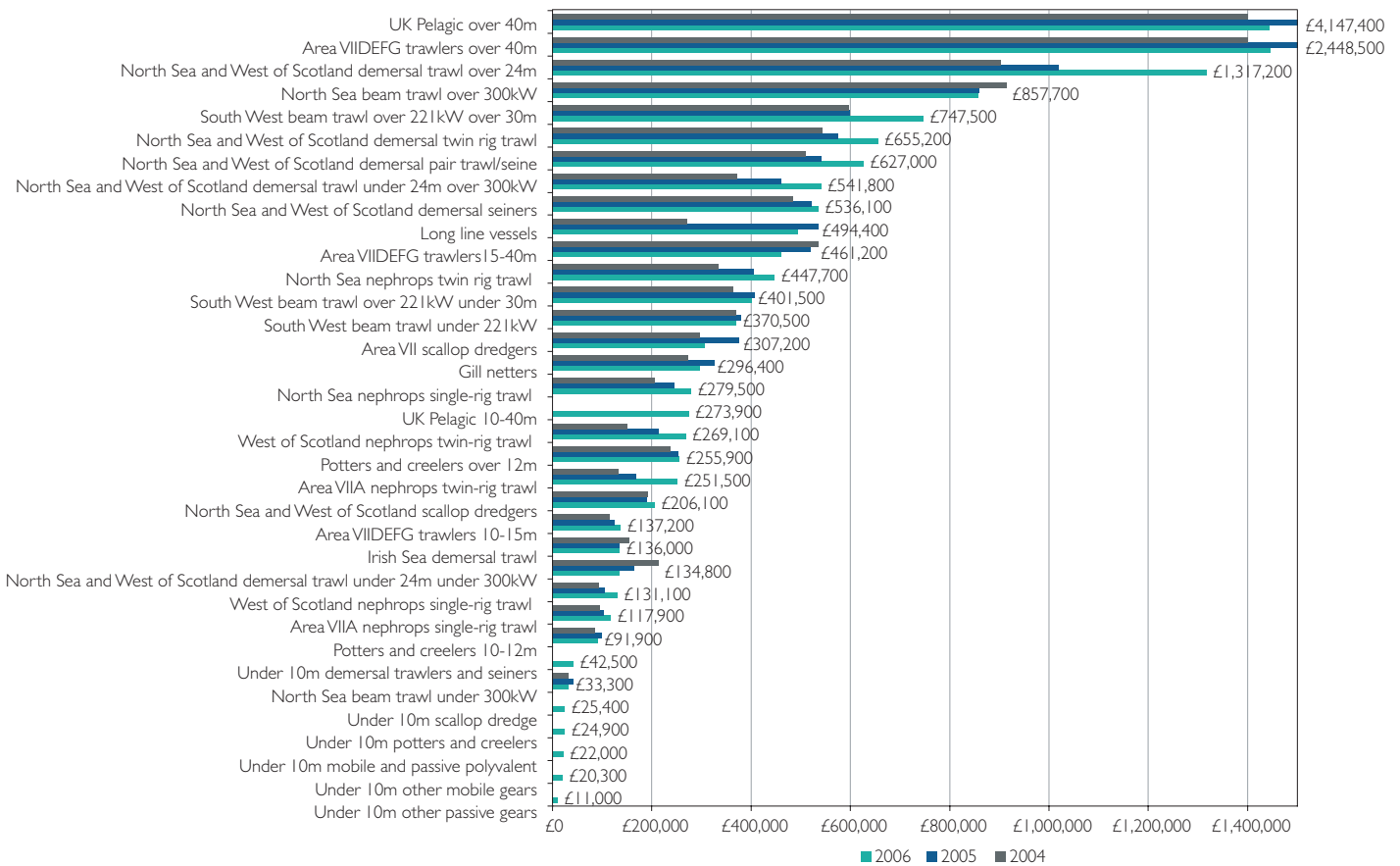


Figure 2.3: Average vessel earnings in UK fleet segments<sup>2</sup> (Source: MFA and Seafish Economics)

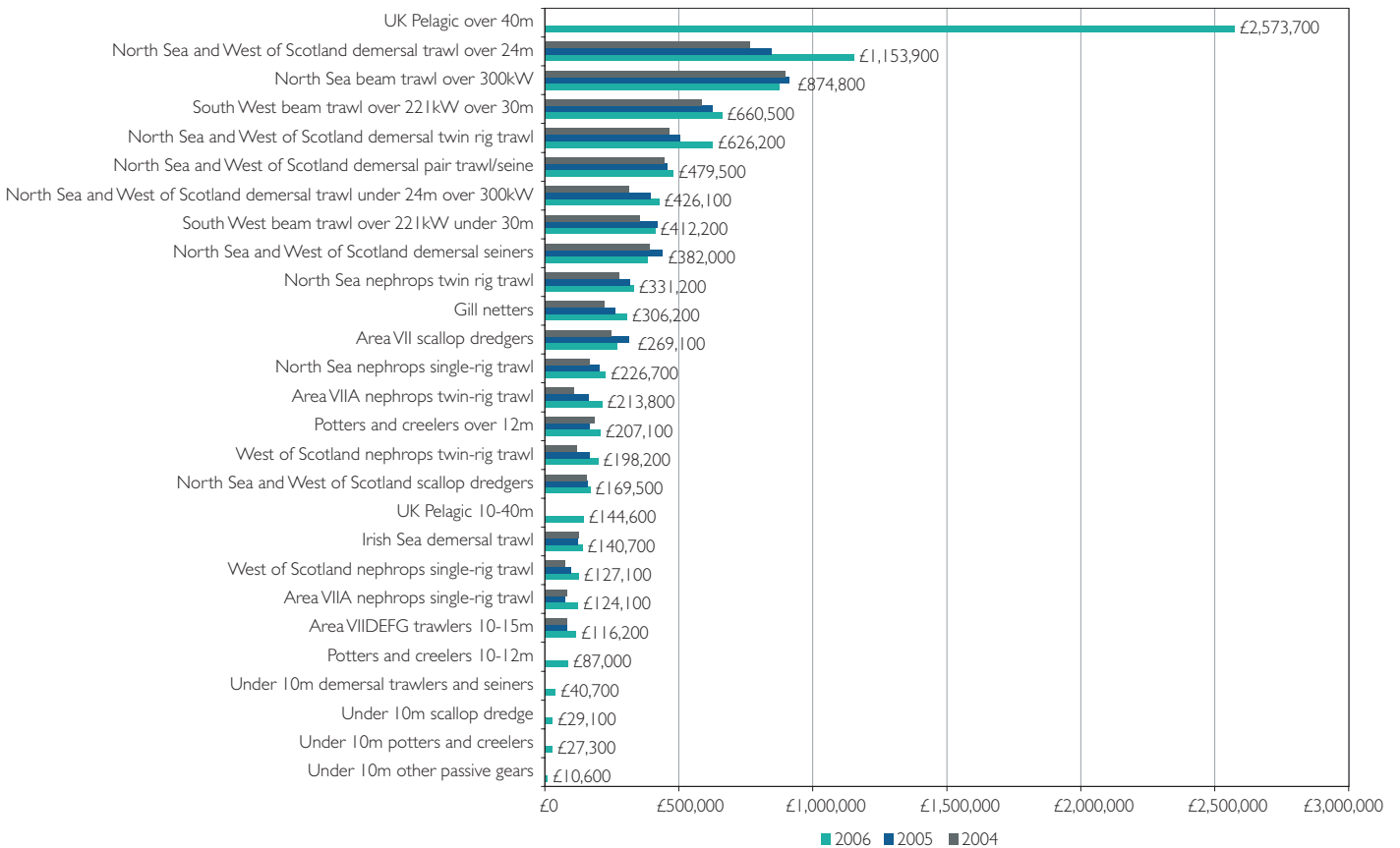


Figure 2.4: Average annual vessel expenditure

<sup>2</sup> Fleet segments without a length classification contain only vessels over 10 metres in length. This applies throughout this report.

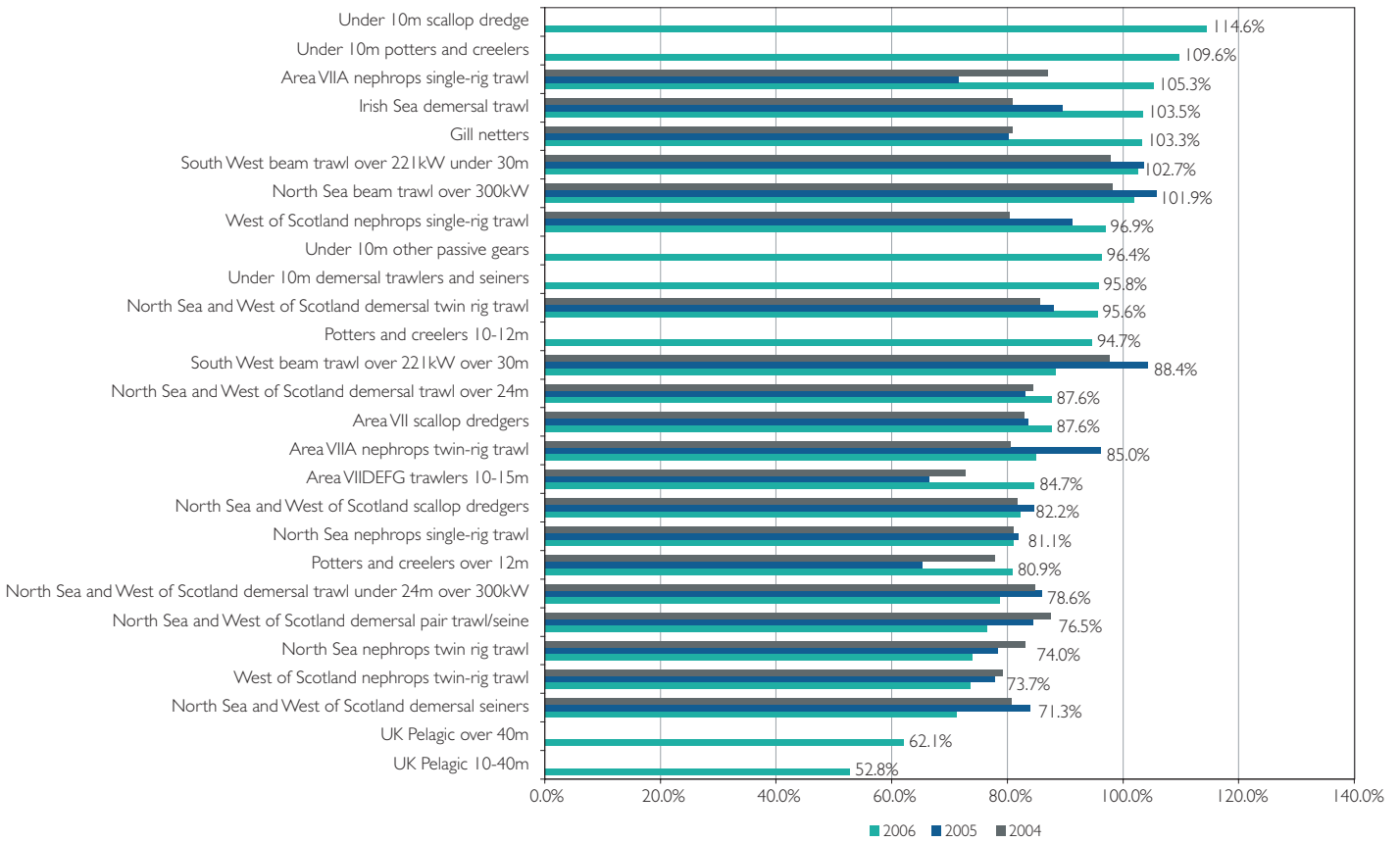


Figure 2.5: Average annual vessel expenditure as a percentage of vessel earnings

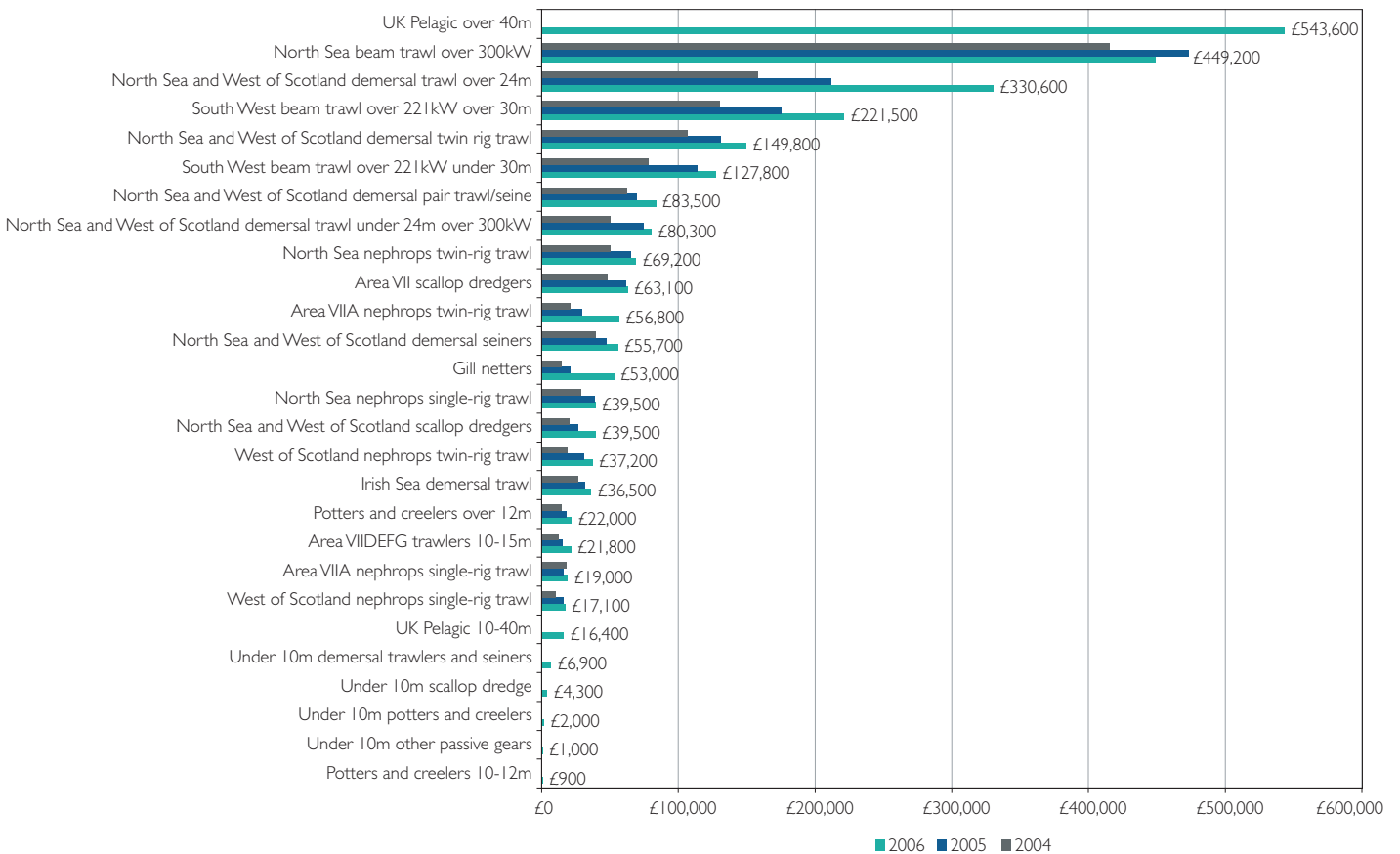


Figure 2.6: Average annual fuel expenditure

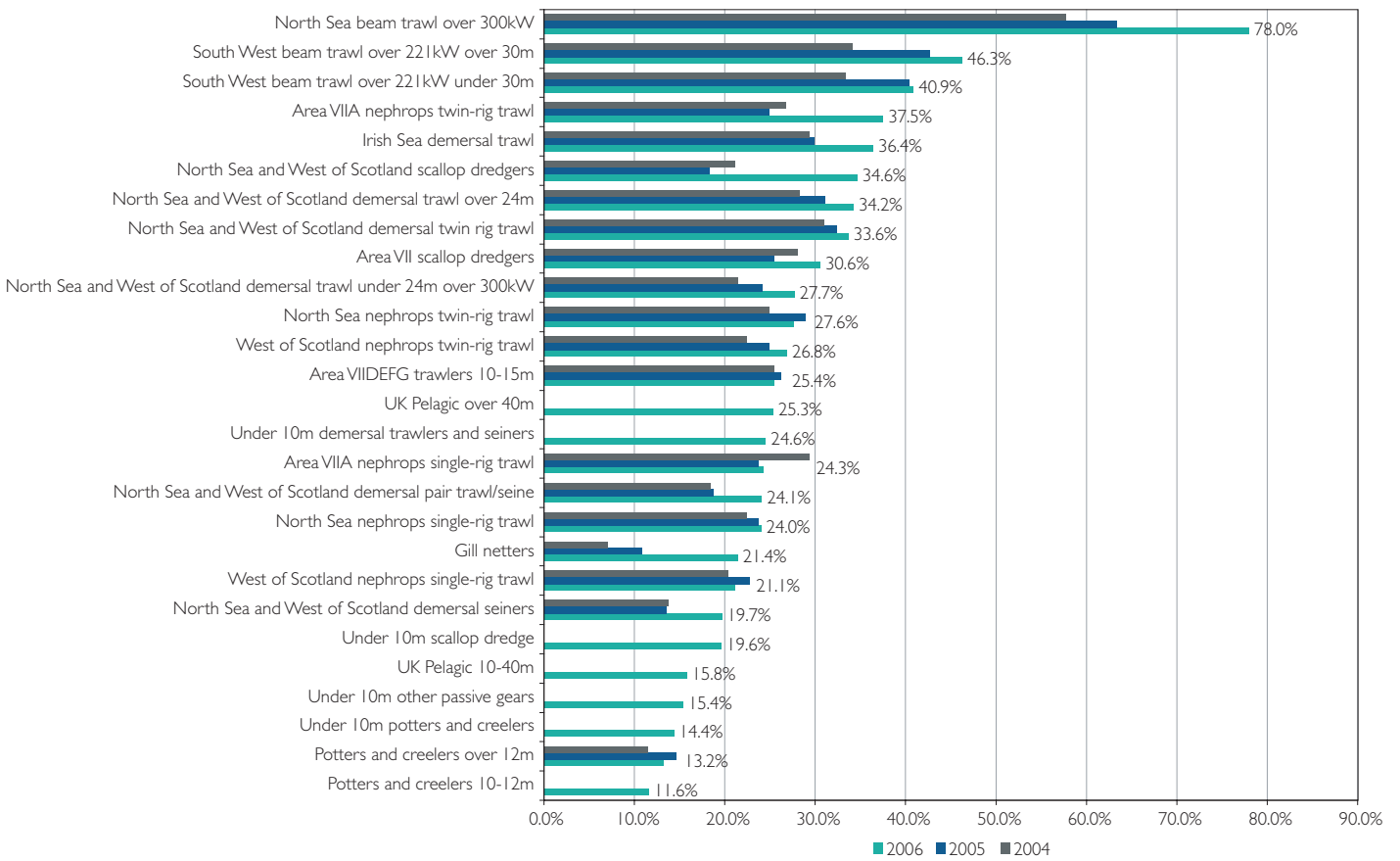


Figure 2.7: Average fuel expenditure as a percentage of fishing expenses<sup>3</sup>

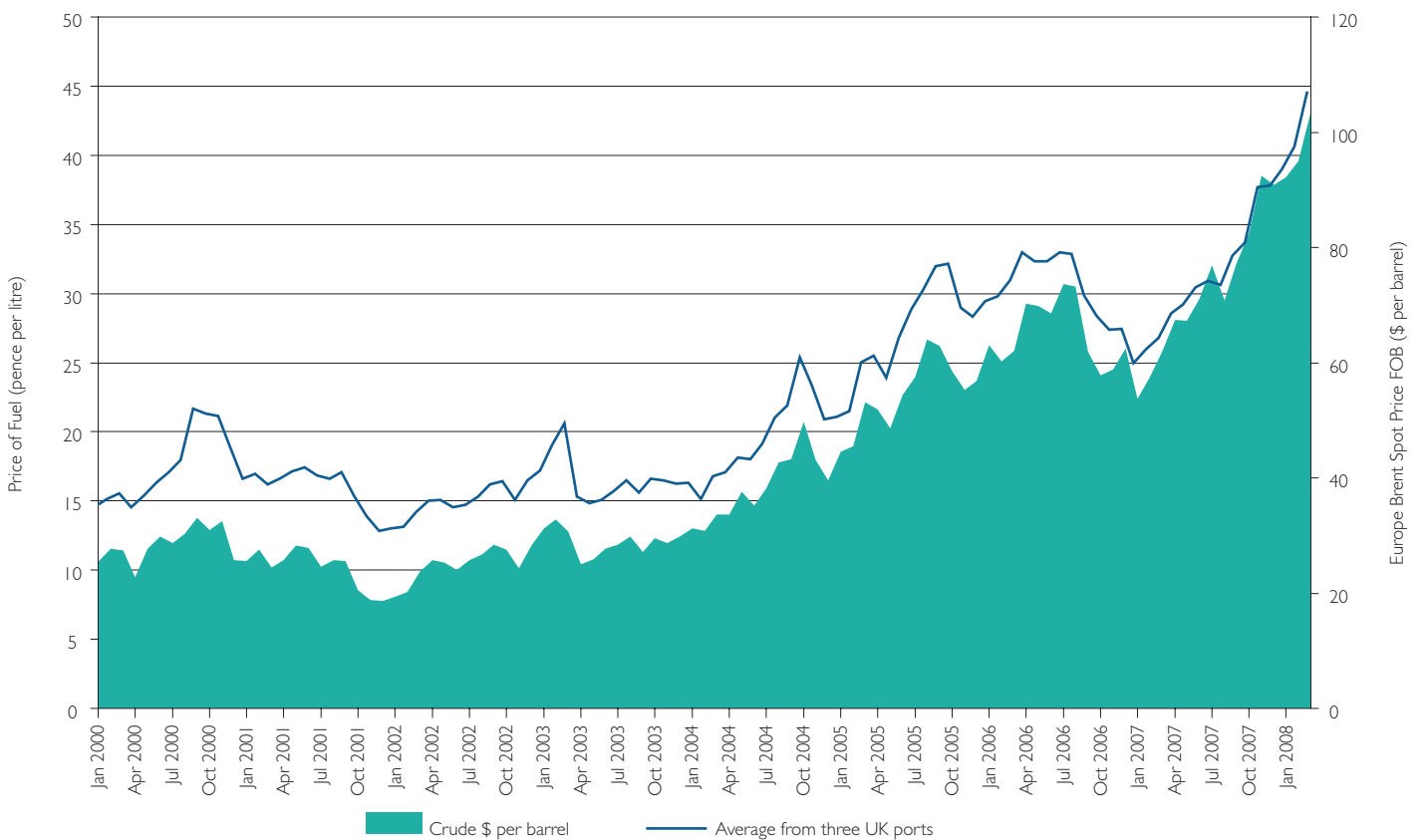


Figure 2.8: Fuel price exc. Duty and VAT, time series 2000 – 2007 (Source: Seafish Economics)

<sup>3</sup> Fishing expenses include fuel and oil, boxes, ice, food and stores, commission, harbour dues, subscriptions and levies, shore labour, travel costs, quota leasing, days at sea leasing and crew share.

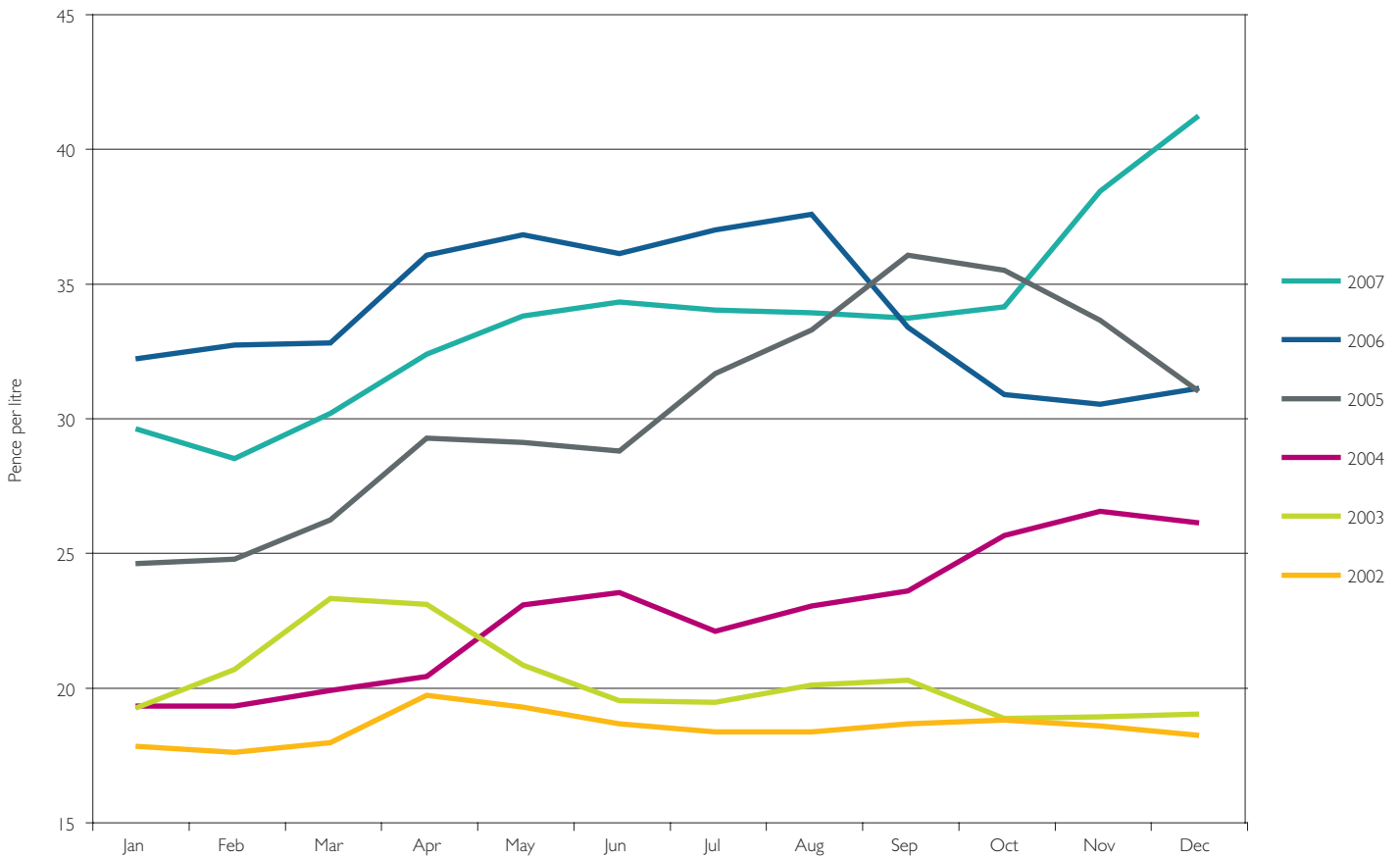


Figure 2.9: Average monthly retail prices for DERV fuel exc. Duty and VAT (Source: MFA)

### Costs

Seafish estimates that the total level of expenditure (excluding financing costs) by the UK fishing fleet was around £516m in 2006, an increase of 18% between 2005 and 2006. Key operating costs such as fuel, repairs and quota leasing increased between 2005 and 2006. Average annual vessel expenditure increased in real terms (see figure 2.4) and as a proportion of earnings (see figure 2.5) for the majority of fleet segments.

### Fuel

Average fuel expenditure per vessel has continually increased since Seafish first started collecting cost and earnings data in the 1970's. Due to significant global increases in the price of crude oil since 2004 (see Figure 2.8), expenditure on marine fuel was significantly higher in 2006 than in previous years. In some cases, expenditure per vessel was double that spent on fuel by UK vessels in 2004 (see Figures 2.6 and 2.7). Seafish estimates the UK fishing fleet spent approximately £98m on marine fuel in 2006, 9% more than in 2005. The average price of fuel rose from a low of 20.7p per litre in early 2005, to 32.7p per litre at the highest point in 2006, as shown in Figure 2.9.

Unsurprisingly, vessels using more fuel-intensive fishing methods, such as the demersal, nephrops and beam trawl segments, have experienced the biggest increases in fuel expenditure, while the less fuel-intensive methods, such as seining and passive gear segments, have experienced relatively modest increases.

In 2006 the increase in fuel price and increase in volatility surrounding fuel price changes had a significant impact on the daily fishing decisions made by skippers, such as where to land, and how often to go to sea. As a result many skippers and vessel owners took positive steps to improve their fuel efficiency, such as gear modifications and reduced towing speeds<sup>4</sup>.

### Quota

Quota trading has become increasingly commonplace during this decade and the costs involved appear to have increased year on year.

Quota trading emerged as an additional expense for certain vessels to allow them to catch fish beyond their existing quota allowance in 2001-2002. Since then, fewer fishing

<sup>4</sup> Seafish Report: Options for improving the Fuel Efficiency of the UK Fishing Fleet, October 2006.



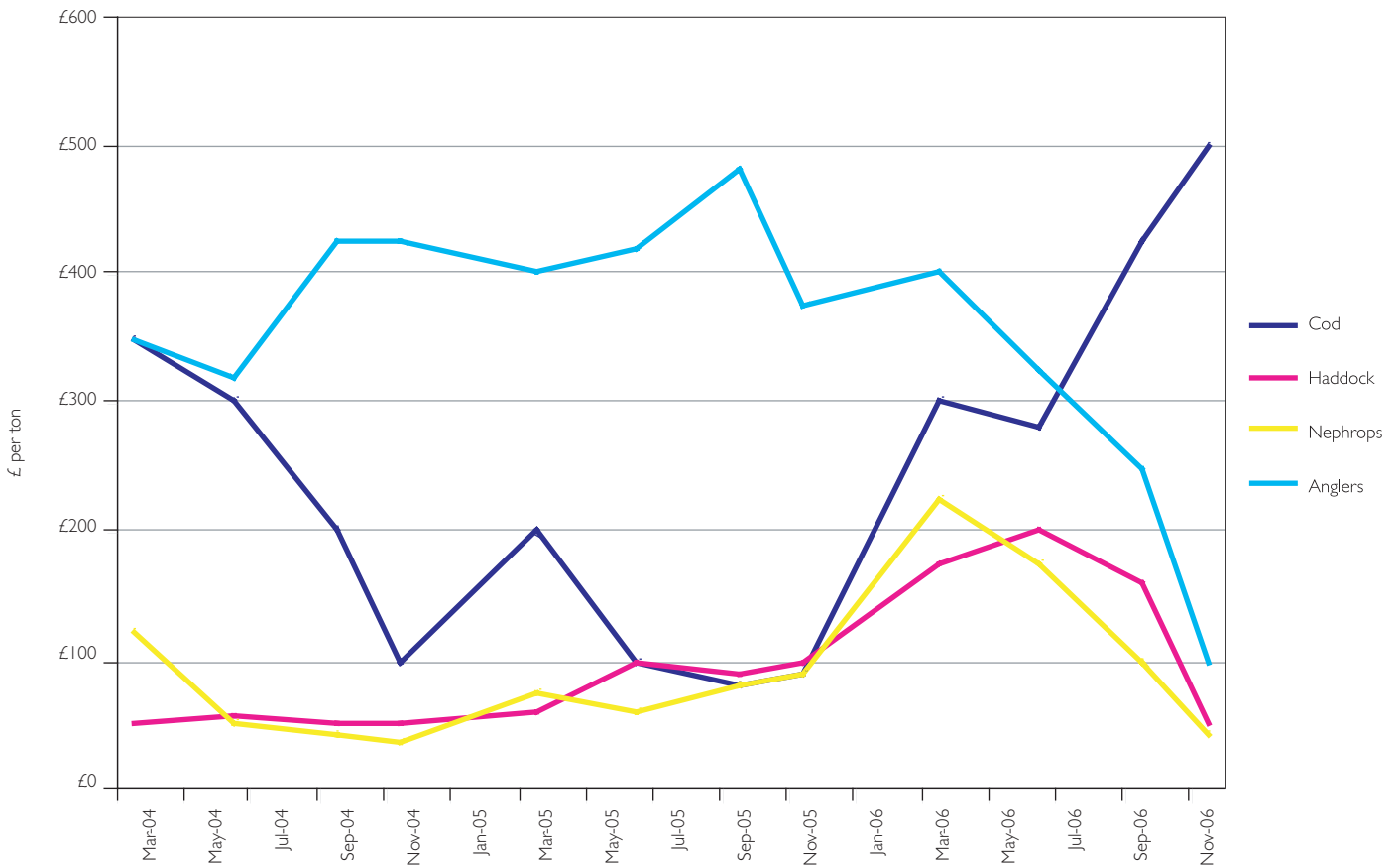


Figure 2.10: Average quota-leasing prices 2004-2006 for key species (Source: Ocean Blue Quota Company)

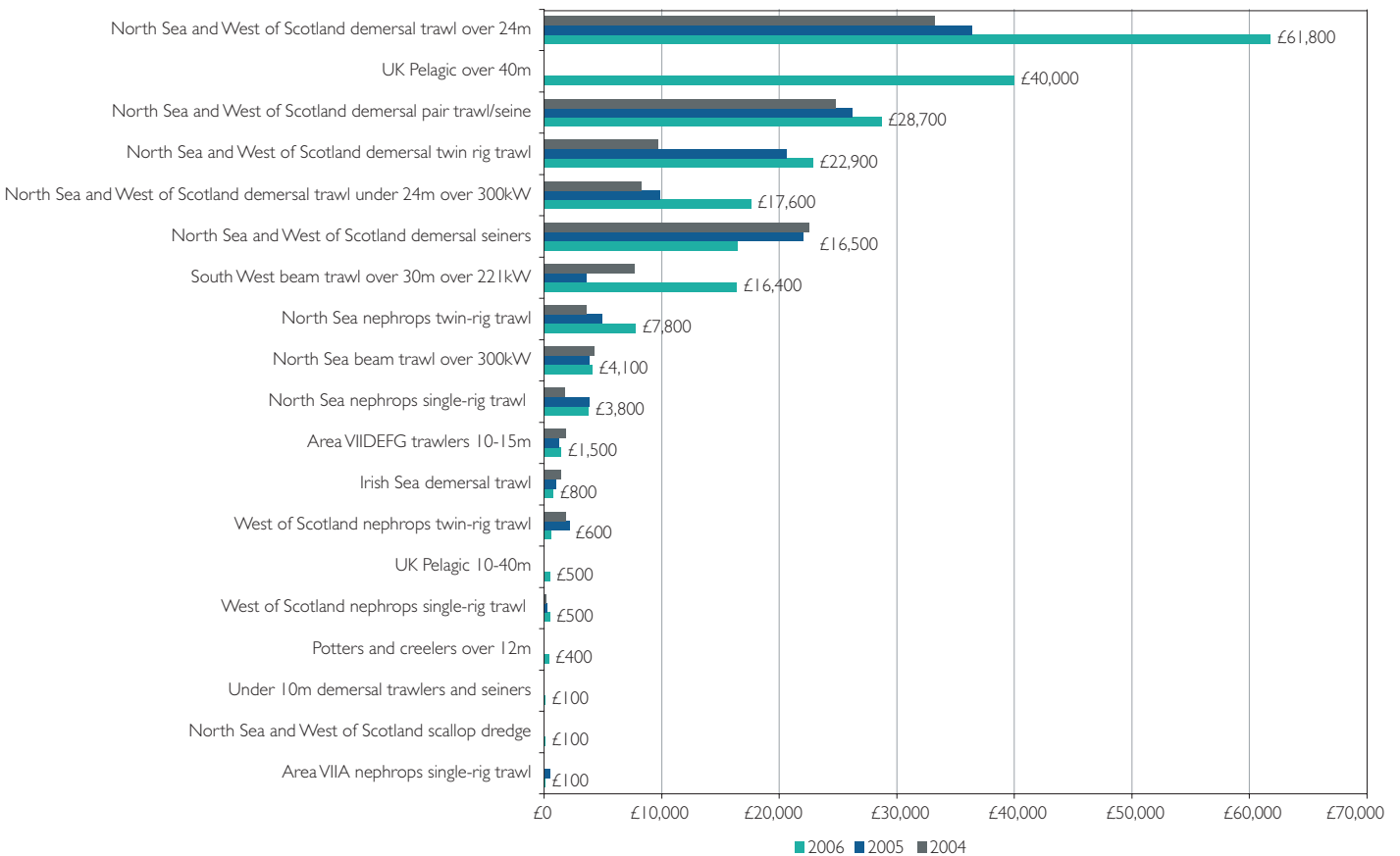


Figure 2.11: Average expenditure on quota leasing

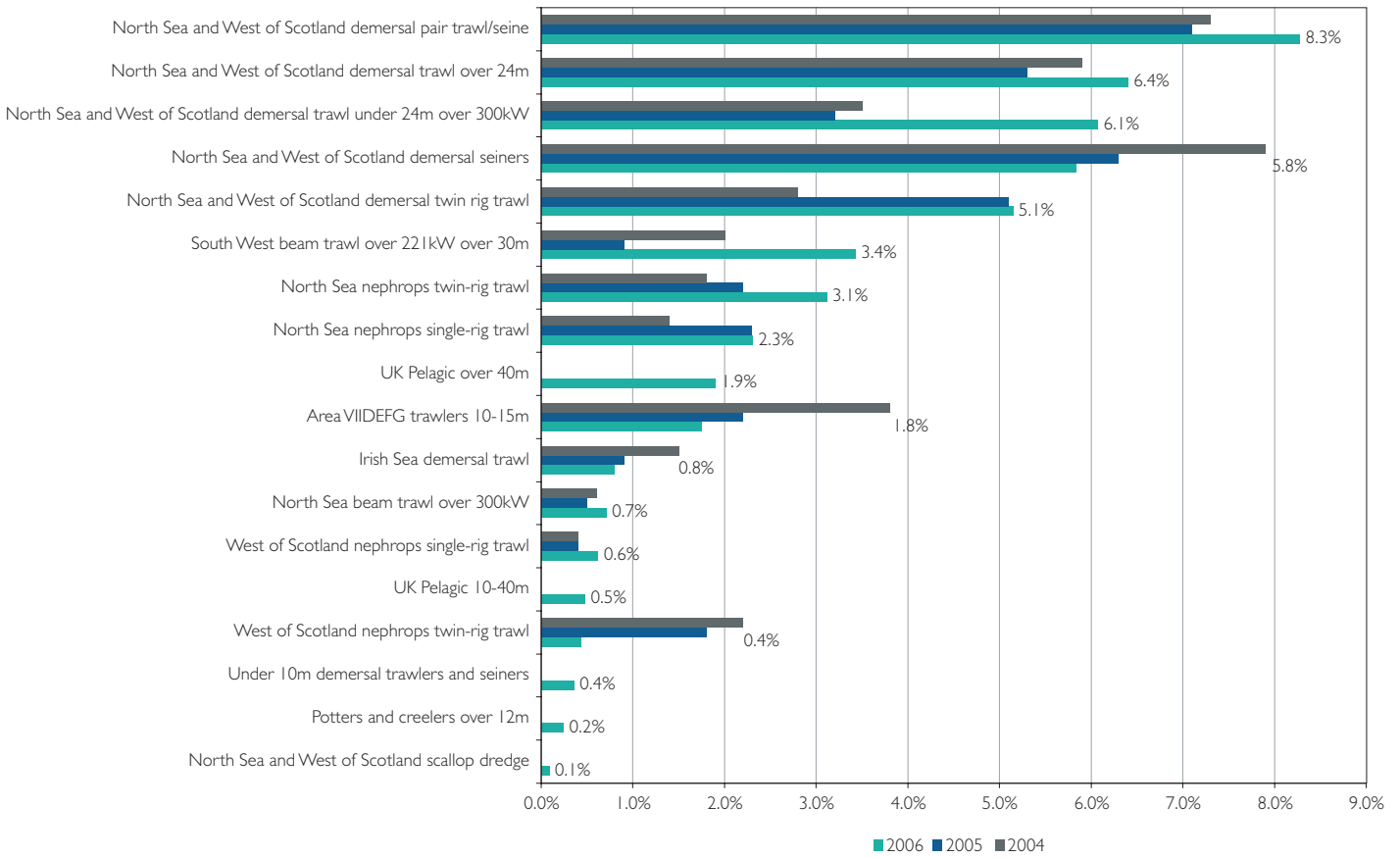


Figure 2.12: Average expenditure on quota leasing as a percentage of fishing expenses

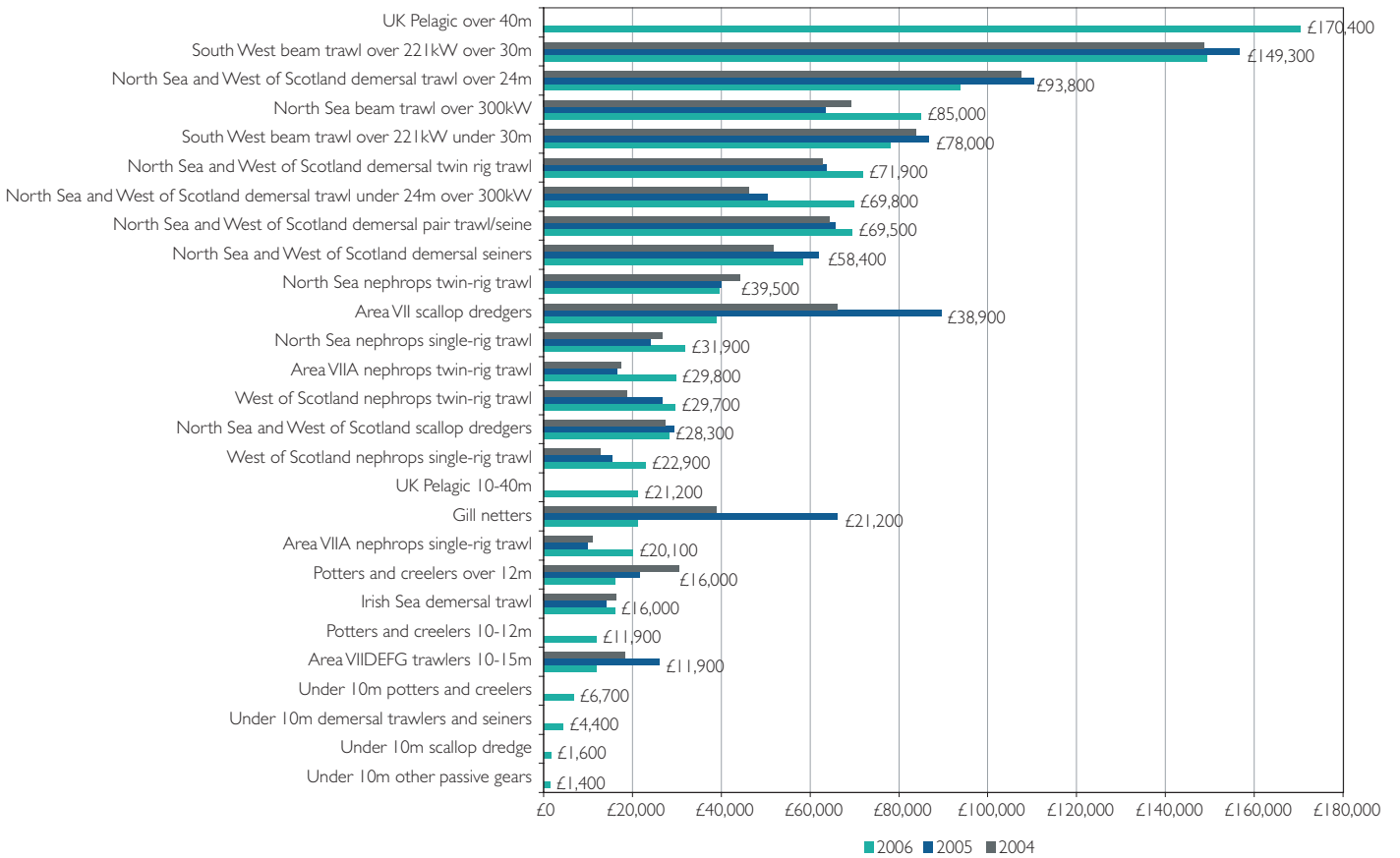


Figure 2.13: Average repairs and maintenance costs

opportunities and higher uptake of total allowable catches (TACs), has meant that vessel owners are increasingly required to either purchase or lease additional quota to remain in business. Active vessels usually lease additional quota from owners of decommissioned vessels who earn a return from leasing out their quota.<sup>5</sup>

Increases in the demand for quota in early 2006 led to an increase in the average annual leasing price for most key target species such as cod and haddock. In October 2006 the Scottish Fishermen's Organisation (SFO), which is one of the main UK producer organisations (PO), had fully used its allocation of cod quota for that year. At the same time, North Sea cod was proving to be plentiful on the fishing grounds, so any cod quota that was available was in high demand; escalating quota rental prices for cod to an unprecedented level (see Figure 2.10).

Seafish estimates that the total amount spent by the UK fishing fleet on quota leasing in 2006 was around £8 million, with some of the larger vessels spending over £100,000 each. Overall, five fleet segments spent less on quota leasing in 2006 than in 2005, while the remaining nine fleet segments (for which data was available) increased their expenditure on this item.

## Days at sea

Following the UK-wide introduction of days at sea (DAS) regulations in 2003, which restricted vessels of certain gear types fishing in the cod recovery zone, a market for the purchase of DAS rapidly developed. While prices for DAS are not set and are simply a reflection of agreements made between fishermen, it is important to note that the price of transferring days is incredibly variable due to two main factors; demand for particular gear types and the amount of quota allocation held by the vessel.<sup>6</sup>

After evaluating the latest dataset relating to vessel expenditure on DAS, Seafish can report that there has been a decrease in days traded between 2005 and 2006. The total number of days traded in 2006 was approximately 5,500, a decrease of 5% when compared with 2005. We estimate that the total cost of these transactions to the UK fishing

fleet was in the region of around £1m, with some vessels in the North Sea and West of Scotland demersal segments spending up to £20,000 on days in 2006.

The average price for a day at sea in 2006 was 35 pence per kW day. However, prices are not set and tend to fluctuate throughout the year. Furthermore, prices vary between different gear types.<sup>7</sup>

## Repairs, maintenance and other vessel owner costs

Average expenditure on repairs and maintenance decreased in around half the number of fleet segments for which data was available, see figure 2.13.

The pelagic over 40m, South West beam trawl over 221kW, over 30m, and the North Sea and West of Scotland over 24m demersal trawl segments have the highest repair and maintenance costs in the UK fleet.<sup>8</sup> The repair and maintenance costs for the West of Scotland nephrops single- and twin-rig trawl segments have increased by around £10,000 since 2004.

A recent Seafish survey<sup>9</sup> revealed that spiralling costs and DAS restrictions are forcing some skippers and owners of underperforming vessels to cut back on preventative maintenance as a short-term measure.

## Crew share

Seafish estimates that total expenditure on UK crew wages was around £133 million in 2006. Average crew share increased in most segments between 2005 and 2006 (see figure 2.15), however, crew share as a proportion of vessels earnings decreased or remained the same in around half the number of fleet segments.

As shown in figure 2.16, average crew share per man was considerably lower than the average earnings of UK males in 2006 in 18 out of 27 fleet segments. In eight fleet segments, wages were lower on average than the minimum wage for a full-time worker in 2006.

<sup>5</sup> Quota can be leased for up to one year before the entitlement returns to the quota holder. Permanent quota trades also take place, however these are treated as capital investments.

<sup>6</sup> For example, if a vessel has quota to target a high value species (such as cod) but insufficient days at sea to catch the quota, then vessel owners would value the acquisition of additional days at sea highly.

<sup>7</sup> 35 pence per kW was the 2006 average for whitefish vessels while beam trawlers reported a purchase price of 30 pence per kW.

<sup>8</sup> For those segments where a representative sample of costs and earnings information was obtained.

<sup>9</sup> Seafish Report: Options for Improving Fuel Efficiency in the UK fishing Fleet, October 2006.

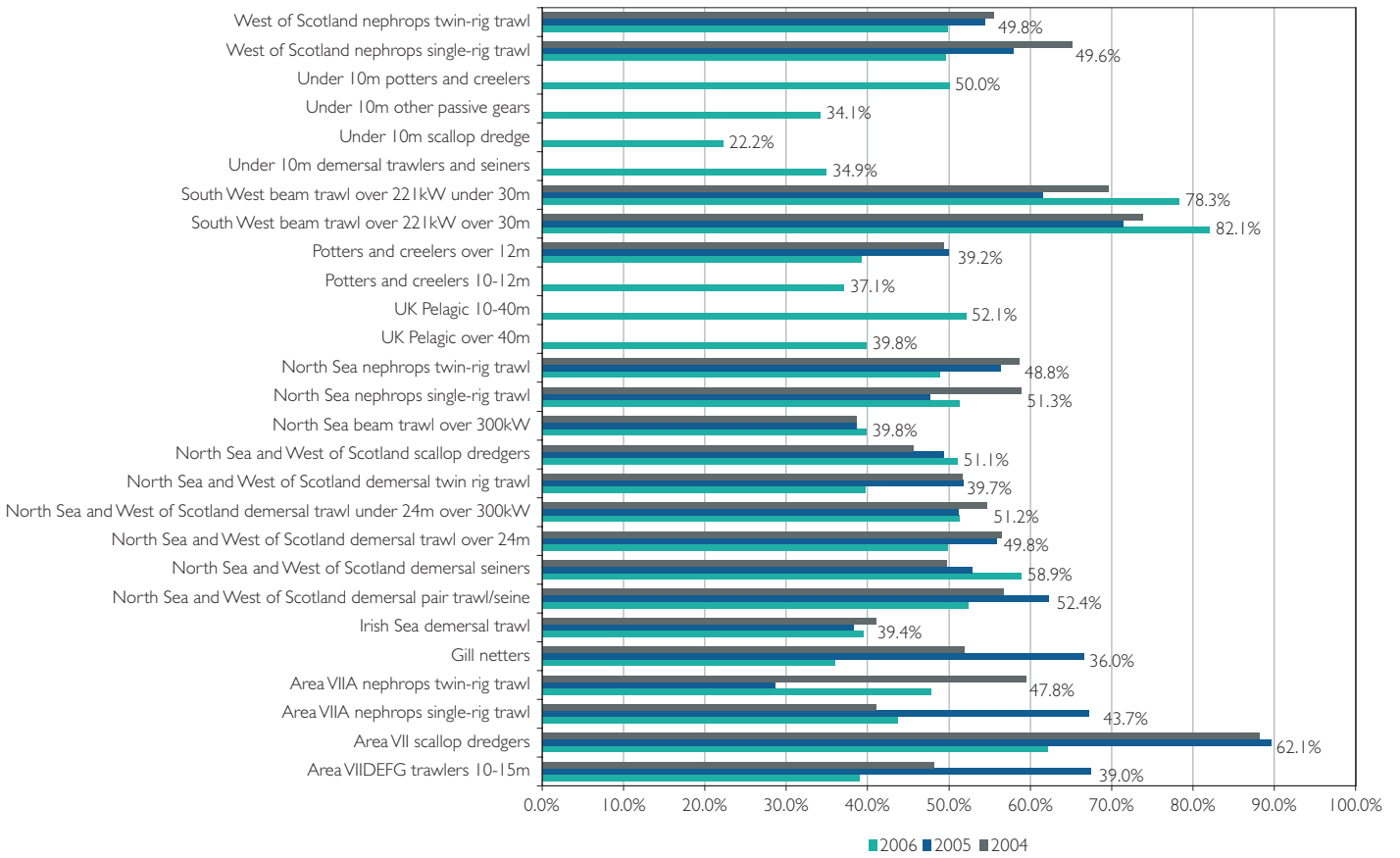


Figure 2.14: Average repairs and maintenance costs as a percentage of vessel owner costs<sup>10</sup>

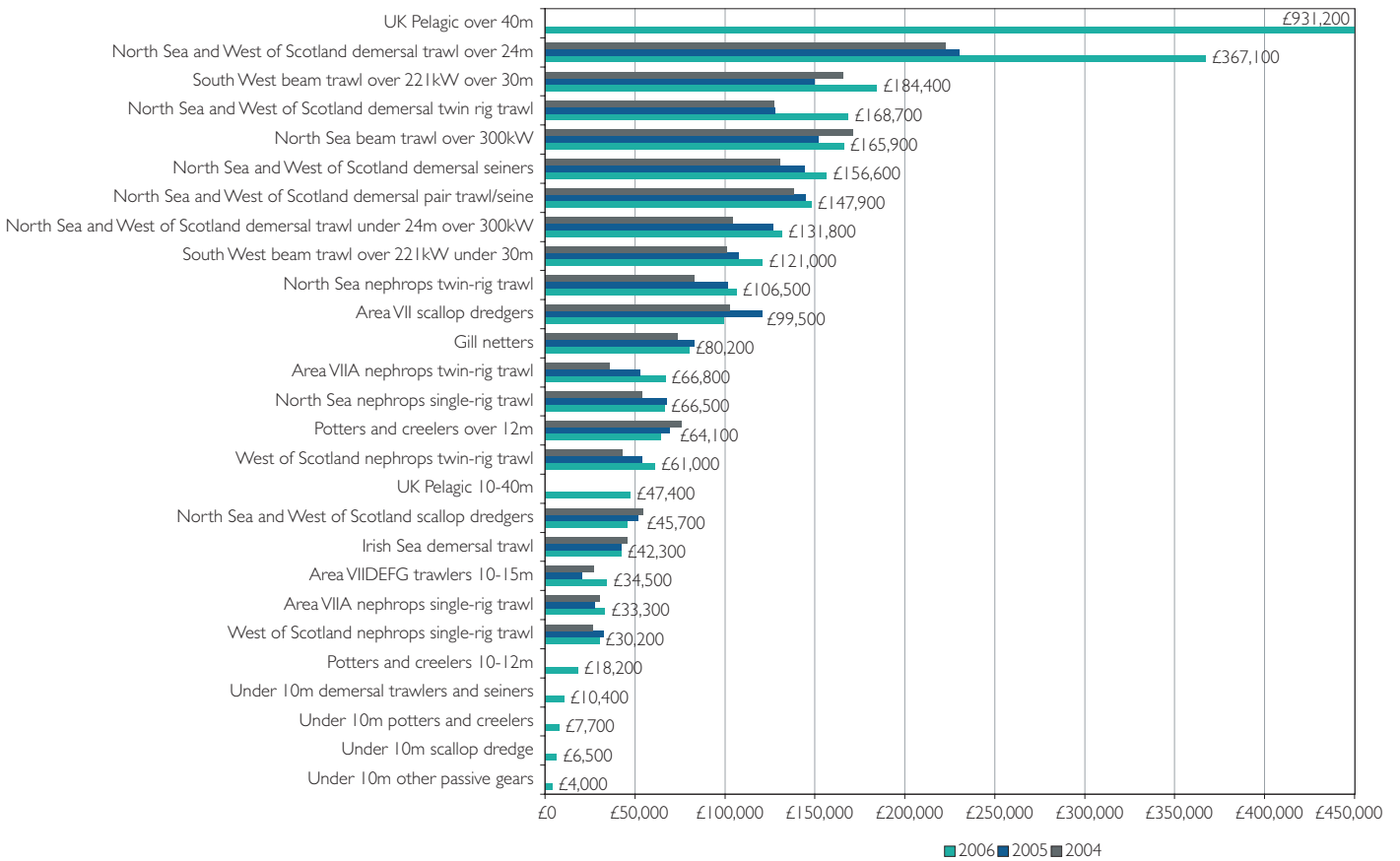


Figure 2.15: Average annual crew share per vessel

<sup>10</sup> Vessel owner expenses comprise vessel gear and repairs, insurance, administration, and the purchase, hire and maintenance of electronic equipment.

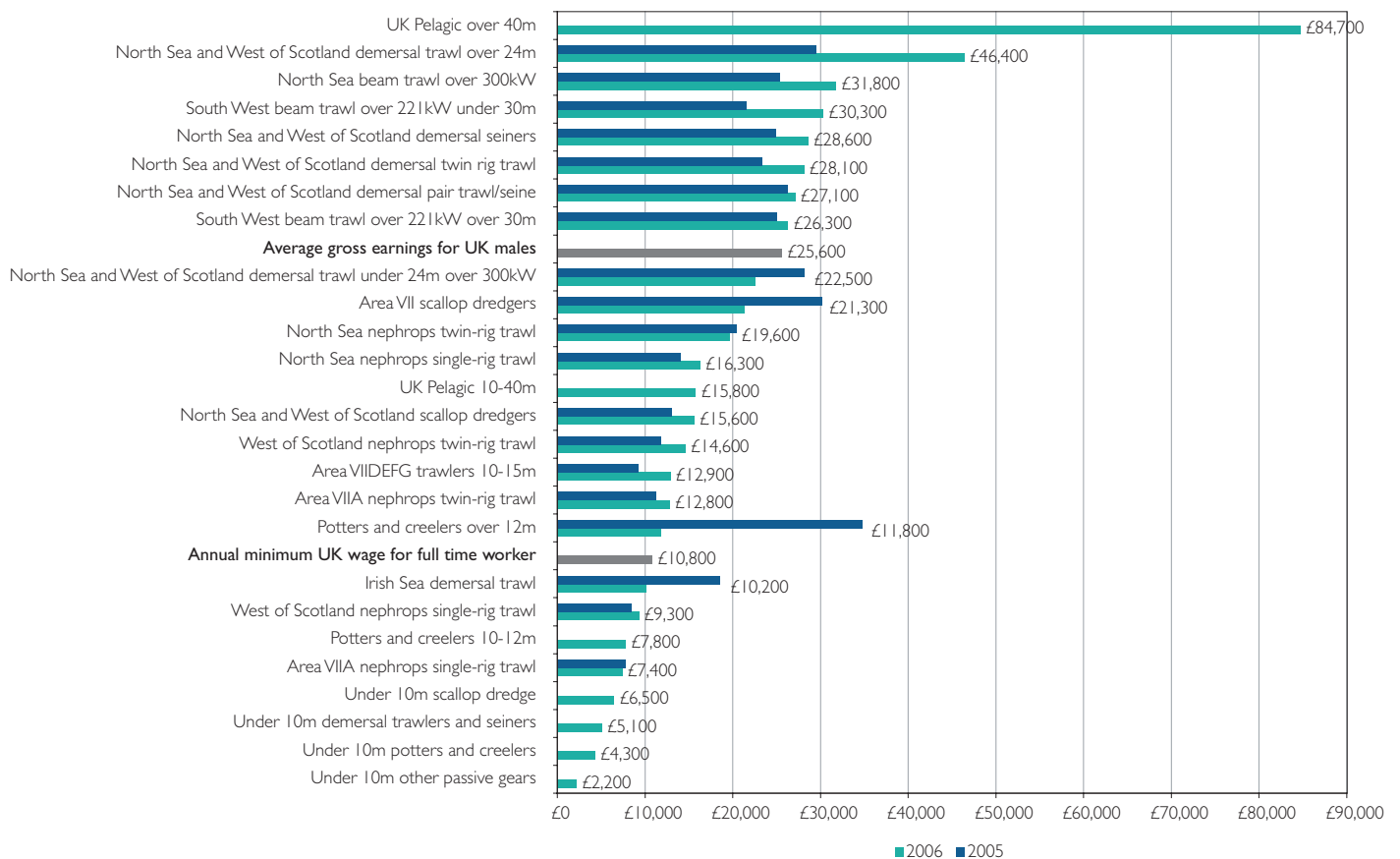


Figure 2.16: Average crew share per man 2005-2006

Although vessel owners aim to pay competitive wages, around half of respondents surveyed altered their wages allocation system in favour of the vessel (historically a 50/50 split between vessel and crew) in order for the vessel to remain profitable. This has serious implications for attracting new entrants into the industry, especially when crew recruitment and retention appears to be a significant issue for the majority of vessels surveyed.

## Profit

Seafish estimates that the total profit generated by the UK fishing fleet, before interest payments and depreciation, was around £95m in 2006, a decrease of about 24% compared to 2005.

Survey data reveals that average profit per vessel increased in 12 out of 27 fleet segments between 2005 and 2006, and 10 out of 20 segments experienced significant increases in profit levels between 2004<sup>11</sup> and 2006 (see figure 2.17).

The pelagic over 40m segment had the highest average profit per vessel at £1,573,700 in 2006, this is almost ten times that of the segment with the second highest average profit per vessel.

Seven of the top ten most profitable fleet segments operate in the North Sea and West of Scotland.

In 2006, as in 2005, twin-rig vessels outperformed their typically smaller single-rig counterparts.

Vessels in the South West beam trawl over 221kW, over 30m segment moved from making considerable losses in 2005 to profits in 2006, thanks mainly to improved market prices for key flatfish species.

Profit levels and profit margins for the Irish Sea demersal trawl and Area VIIA single-rig nephrops vessels decreased significantly between 2005 and 2006. These vessels appear to have been running at considerable losses even before interest on loan repayments and depreciation are taken into account.

<sup>11</sup> Seven segments have never been reported before 2006 so a comparison cannot be made for these segments.

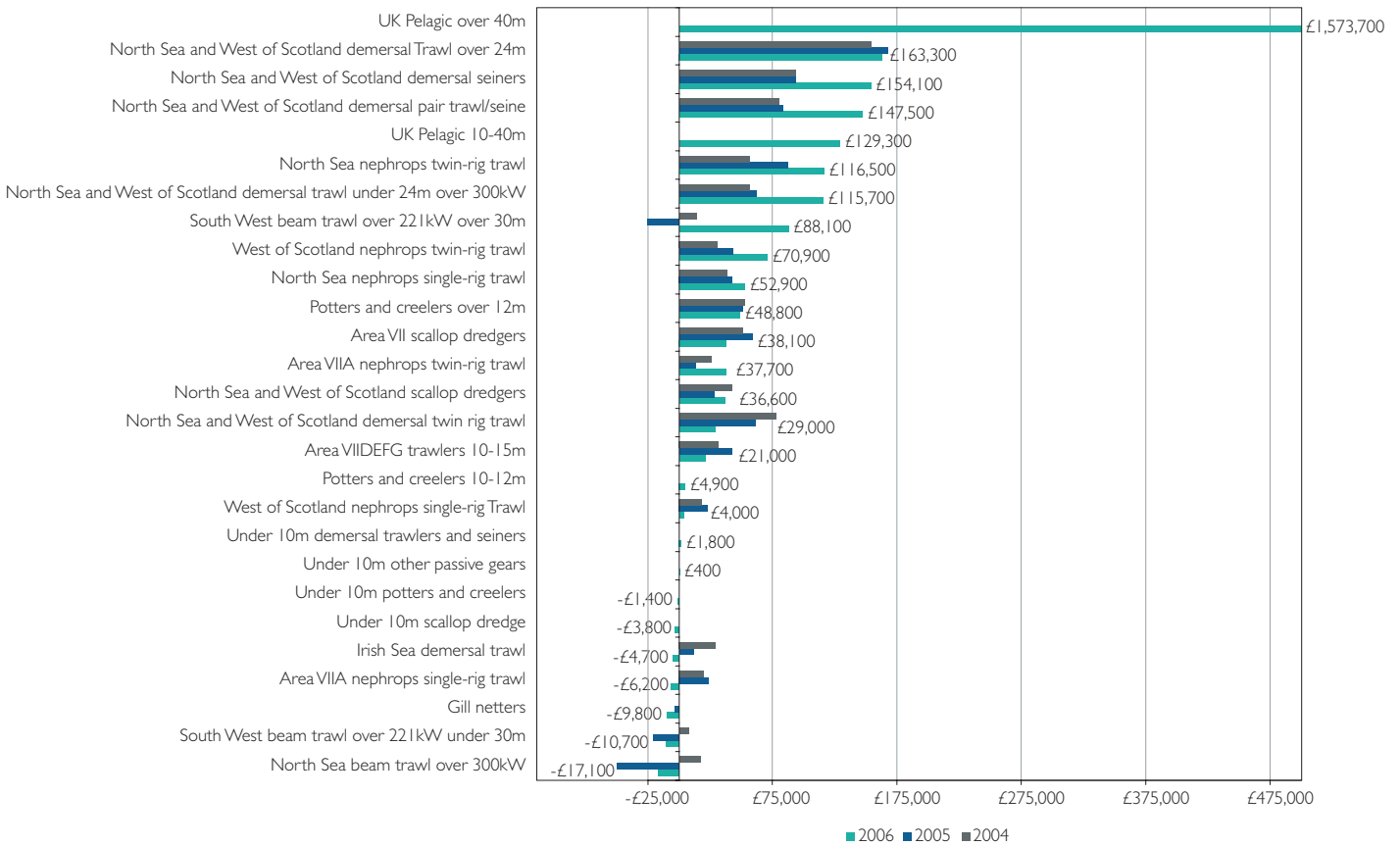


Figure 2.17: Profit before deducting interest and depreciation

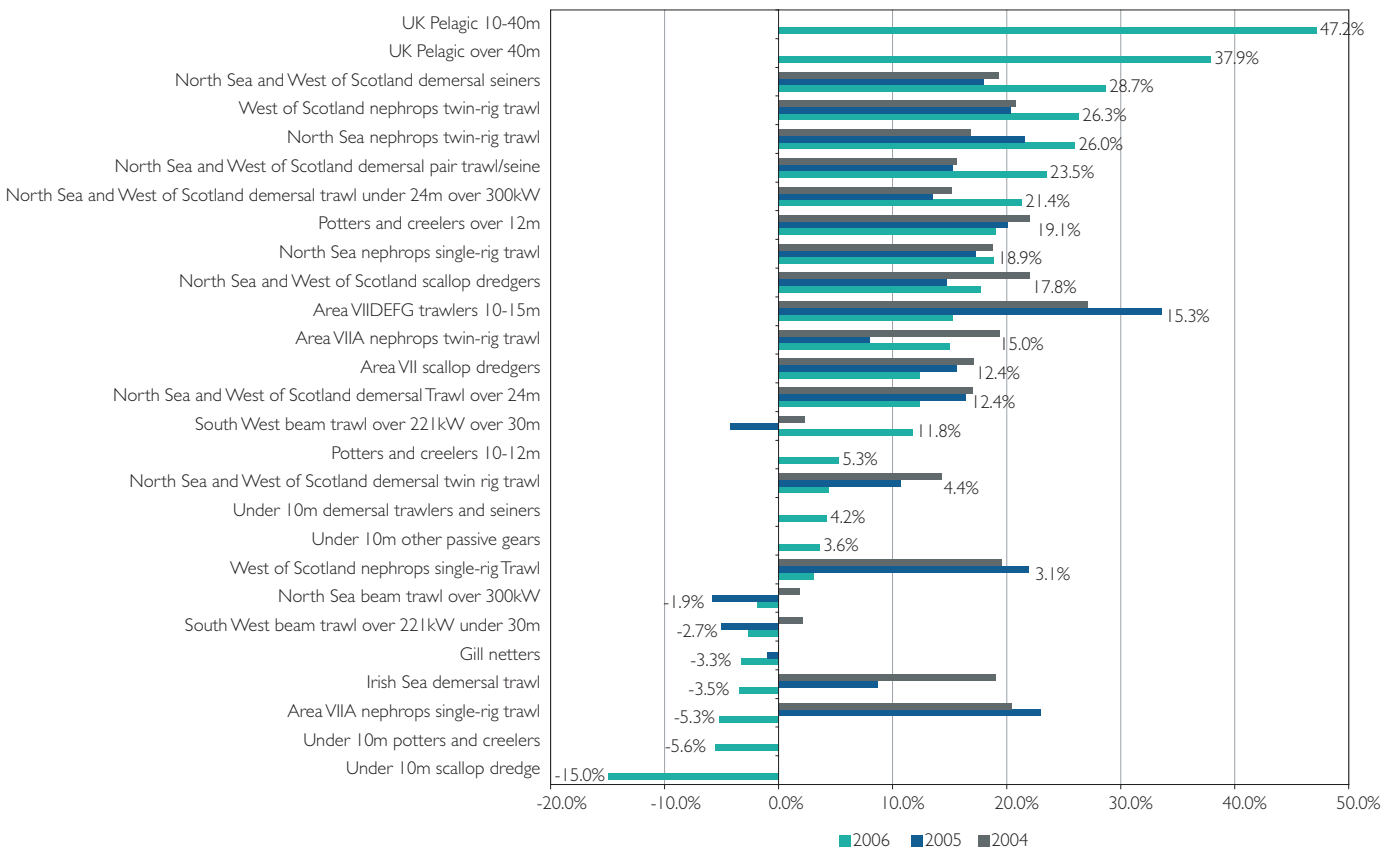


Figure 2.18: Profit before deducting interest and depreciation as a percentage of total income



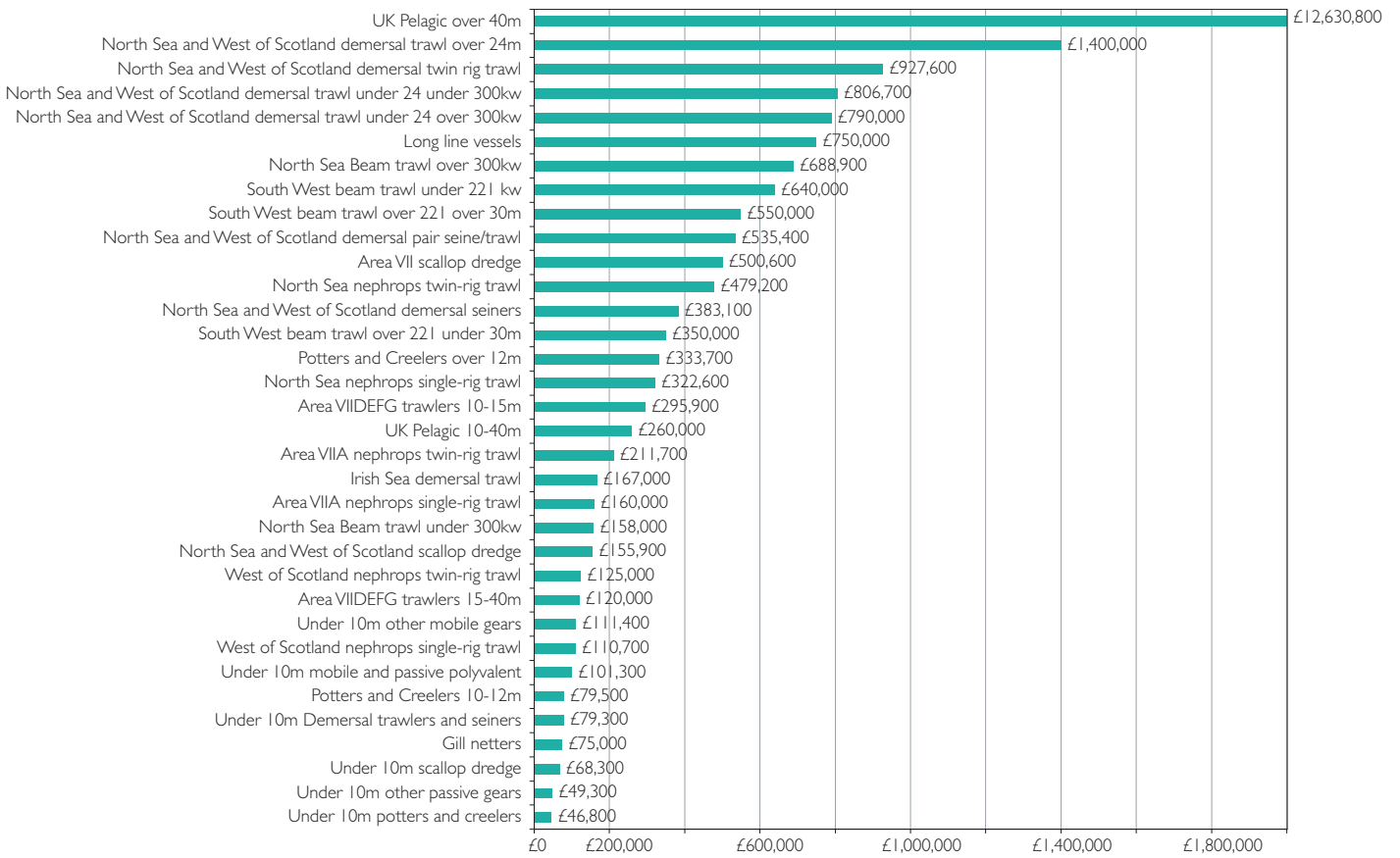


Figure 2.19: Average insured vessel values in 2006

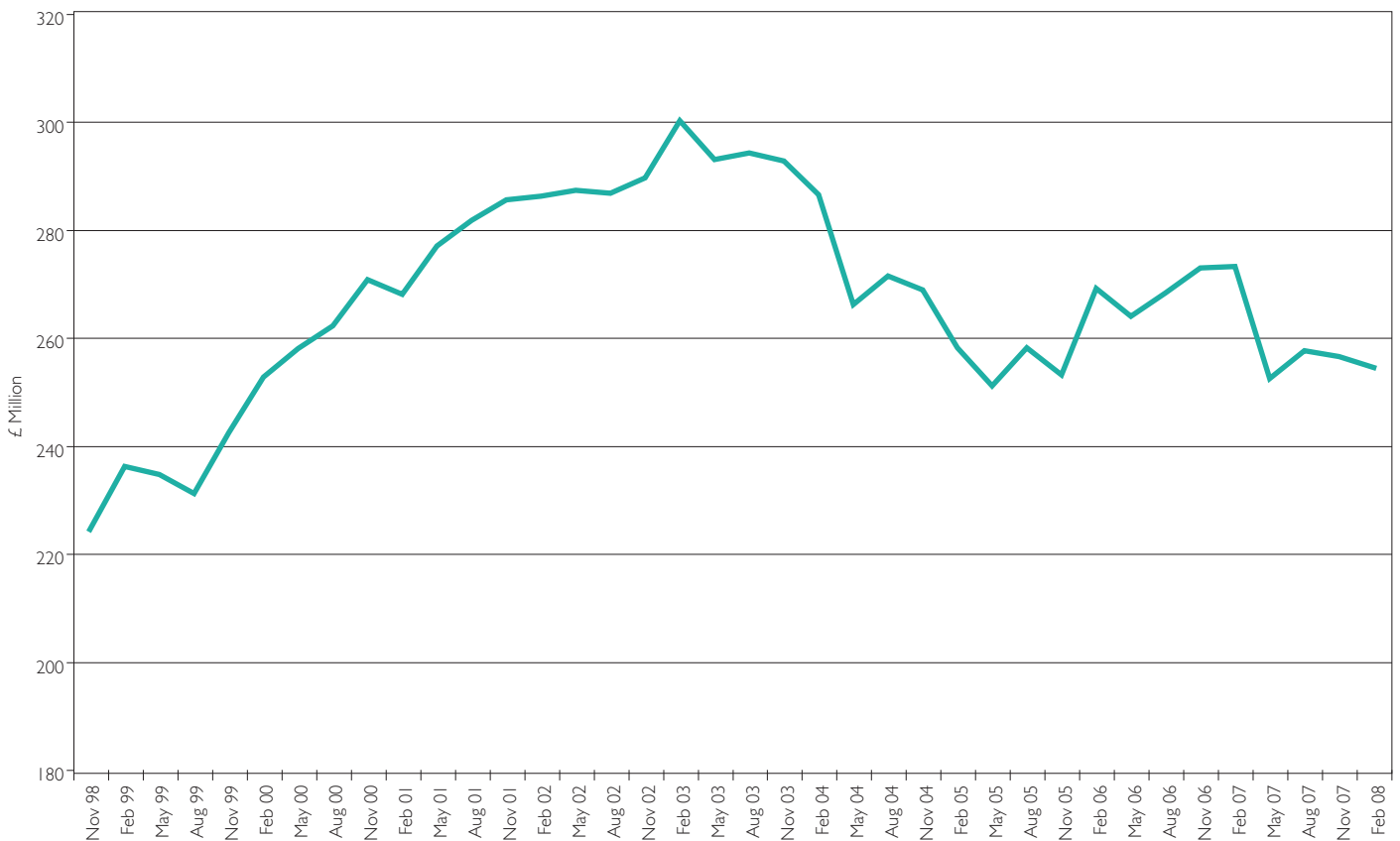


Figure 2.20: Amounts lent by British financial institutions to the UK fishing industry October 1998 – April 2008 (Source: British Bankers Association)

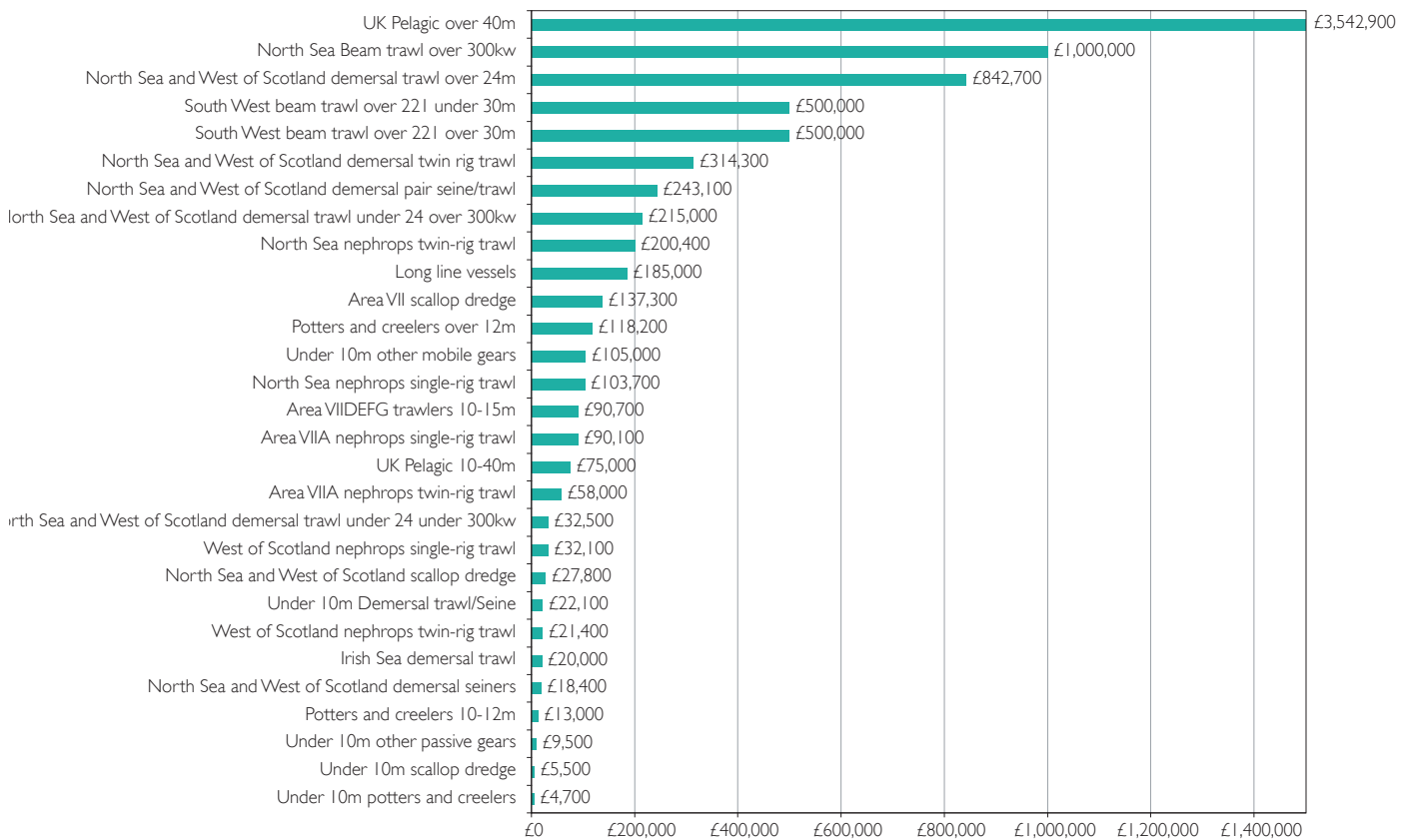


Figure 2.21: Average borrowings per vessel in 2006

### Invested capital and debt levels

To estimate long-term profitability it is necessary to compare profits generated by a business to the level of invested capital required to generate those profits. This gives a measure of the return on fixed assets (ROFA). It has been difficult to collect the data required for two main reasons: firstly, balance sheet data has not previously been readily available from the UK fleet; and secondly, it remains difficult to establish reliable estimates of the value of tangible and especially intangible assets.

The value of fishing rights, principally quota units, varies significantly within a calendar year and from year to year, depending on several factors:

- level of quota uptake within the current year;
- the sales price of the fish species;
- the expected and actual demand for purchase or lease of quota units;
- the supply of quota units for sale or rent; and
- uncertainty relating to legal title of quota units (exacerbated by current government review of quota management system).

Despite these sources of uncertainty in data accuracy, Seafish collected vessel owners' estimates on the value of vessels,

licences and fixed quota allocation (FQA) holdings, in order to be able to make fleet-wide estimates. Figures for ROFA and return on fixed tangible assets (ROFTA) are given in segment reports where it is possible to calculate these estimates.

The pelagic over 40m segment had the highest average insured vessel value of segments surveyed at £12.6 million per vessel (see figure 2.19).

During 2006, the total level of borrowings by the UK fishing fleet began to rise after a steady decrease in the previous two years, as is shown in figure 2.20. It is likely that the rise was due to increased investment confidence in both the financial and catching sectors, resulting from improvements in earnings and profitability witnessed in key segments of the fleet.

The pelagic over 40m vessels had, at £3.5m, the highest average borrowing level of all the segments surveyed in 2006 (see figure 2.21). All other vessel segments reported average debt levels of less than half this amount. The average level of borrowing for all vessels surveyed was £294,000.

Tables 1 and 2 in appendix 1 summarise the average and total costs, earnings, average vessel and average segment characteristics of the UK fishing fleet in 2006.

# Chapter 3

## Segment Reports

The background of the slide is a solid teal color. At the bottom, there is a white wavy line that separates the teal area from a dark blue area. The text is white and positioned in the upper left quadrant of the teal area.

Area VII scallop dredge  
over 10m

The Area VII scallop dredge over 10m segment is mainly based at a number of ports along the west and south coasts of the UK including Brixham, Kircudbright and Exmouth. These vessels spent on average 166 days at sea in 2006 and fish almost exclusively for scallops, as shown in figure 3.1.1.

Figure 3.1.1: Segment Catch Composition in 2006

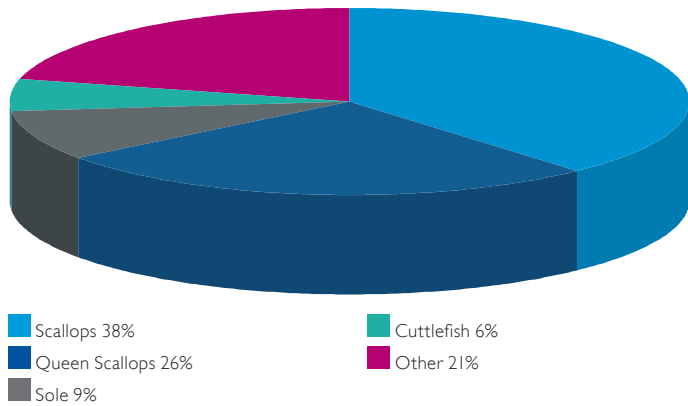


Figure 3.1.2: Total fishing expenses in 2006

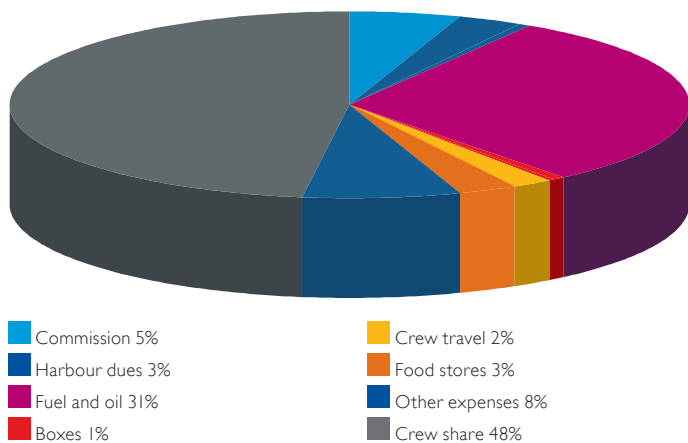
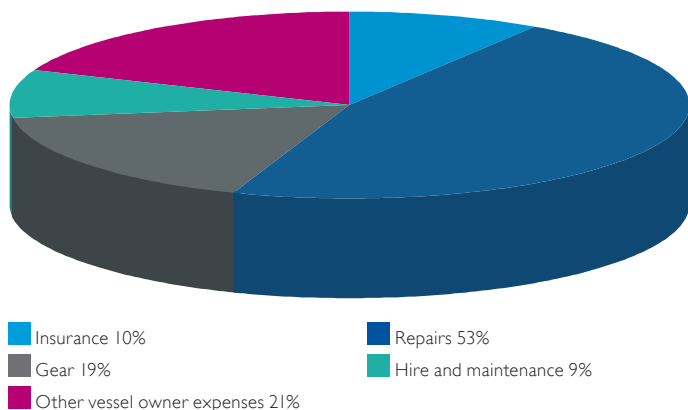


Figure 3.1.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	58	56	77
Total Power (kW)	18,243	17,967	23,769
Total VCU	15,196	14,748	19,873
Total GT	4,750	4,723	6,256
Total Days at sea	11,339	10,933	9,934
Total Volume of Landings (live weight tonnes)	17,718	22,447	19,905
Total Value of Landings (£m)	17.6	20.4	18.0

All vessels in segment		Survey sample vessels (Number of cases: 18)	
Length (m)	19	Length (m)	22
Power (kW)	313	Power (kW)	360
VCU	261	VCU	315
Registered Tonnage (GT)	82	Registered Tonnage (GT)	118
Days at sea	166	Days at sea	165
Volume of Landings (T)	332	Volume of Landings (T)	808
Value of Landings (£)	300,200	Value of Landings (£)	379,874
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	23	Vessel age (years)	21

	2004	2005	2006
Fishing Income (£)	297,800	371,000	300,200
Fishing Income per:			
day (£)	1,551	1,864	1,813
VCU (£)	1,154	1,384	1,148
trip (£)	3,868	4,818	3,043
crew member (£)	74,450	92,750	64,329

	2004	2005	2006
Average cost (£)	48,300	62,000	63,100
Cost per trip (£)	627	805	640
Cost per day at sea (£)	252	312	381

	2004	2005	2006
Annual cost (£)	102,500	120,900	99,500
Cost per trip (£)	1,331	1,570	1,008
Cost per day at sea (£)	534	608	601
Cost per man (£)	25,625	30,225	21,321

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	297,800	100.0%	375,900	100.0%	302,200	100.0%
Fishing Income	297,800	100.0%	371,000	98.7%	300,200	99.4%
Non-Fishing Income	0	0.0%	5,000	1.3%	1,900	0.6%
<b>Fishing Expenses</b>						
Commission	4,700	1.6%	13,900	3.7%	10,800	3.5%
Harbour Dues	5,300	1.8%	6,300	1.7%	6,800	2.2%
Subscriptions and Levies	1,900	0.6%	2,500	0.7%	700	0.2%
Shore Labour	0	0.0%	5,900	1.6%	100	0.0%
Fuel and Oil	48,300	16.2%	62,000	16.5%	63,100	20.5%
Boxes	400	0.1%	400	0.1%	1,400	0.5%
Ice	0	0.0%	1,400	0.4%	100	0.0%
Crew Travel	4,500	1.5%	7,900	2.1%	4,200	1.4%
Food Stores	5,100	1.7%	8,200	2.2%	5,600	1.8%
Quota Leasing	0	0.0%	0	0.0%	0	0.0%
Days Purchase	n/a	n/a	n/a	n/a	0	0.0%
Other Expenses	17,900	6.0%	13,600	3.6%	15,700	5.1%
<b>Crew Share</b>	<b>102,500</b>	<b>34.4%</b>	<b>120,900</b>	<b>32.2%</b>	<b>99,500</b>	<b>32.4%</b>
<b>Total Fishing Expenses</b>	<b>171,700</b>	<b>57.6%</b>	<b>243,000</b>	<b>64.6%</b>	<b>206,500</b>	<b>67.2%</b>
<b>Vessel Owner Expenses</b>						
Insurance	14,400	4.8%	16,300	4.3%	6,400	2.1%
Repairs	62,100	20.9%	85,200	22.7%	33,000	10.7%
Gear	4,300	1.4%	0	0.0%	12,200	4.0%
Hire and Maintenance	4,000	1.3%	4,400	1.2%	5,900	1.9%
Other Vessel Owner Expenses	5,200	1.7%	10,400	2.8%	13,300	4.3%
<b>Total Vessel Owner Expenses</b>	<b>75,000</b>	<b>25.2%</b>	<b>100,000</b>	<b>26.4%</b>	<b>62,600</b>	<b>20.4%</b>
<b>Total Expenses</b>	<b>246,700</b>	<b>82.8%</b>	<b>314,200</b>	<b>83.6%</b>	<b>269,100</b>	<b>87.6%</b>
<b>Profit *</b>	<b>51,100</b>	<b>17.2%</b>	<b>58,900</b>	<b>15.7%</b>	<b>38,100</b>	<b>12.4%</b>
Depreciation	45,300	15.2%	34,900	9.3%	13,600	4.4%
Interest	5,800	1.9%	7,200	1.9%	3,400	1.1%
<b>Net Profit **</b>	<b>7,800</b>	<b>2.6%</b>	<b>24,900</b>	<b>6.6%</b>	<b>21,100</b>	<b>6.9%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	62,100	85,200	33,000
Repair cost per day at sea (£)	323	428	199
Annual gear cost (£)	4,300	0	12,200
Gear cost per day at sea (£)	22	0	74
Annual hire and maintenance cost (£)	4,000	4,400	5,900
Hire and maintenance cost per day at sea (£)	21	22	36

Average figures for:	2005	2006	No of cases 2006
Vessel insurance value (£)	223,805	500,600	
Licence value (£)	n/a	150,300	
FQA Value (£)	n/a	33,300	
Profit (£)	58,900	38,100	
Return on tangible fixed assets (%)	21.4%	19.4%	17
Return on fixed assets (%)	n/a	17.9%	17



Area VIIA nephrops  
single-rig trawl over 10m

The Area VIIA nephrops single-rig trawl over 10m segment is based predominately in Northern Ireland, fishing out of Killeel, Portavogie and Ardglass. There are also a small number of vessels based in the north west of England. These vessels spent on average 138 days at sea in 2006 targeting mainly nephrops, which made up 90% of their value of landings (see figure 3.2.1).

Figure 3.2.1: Segment catch composition in 2006

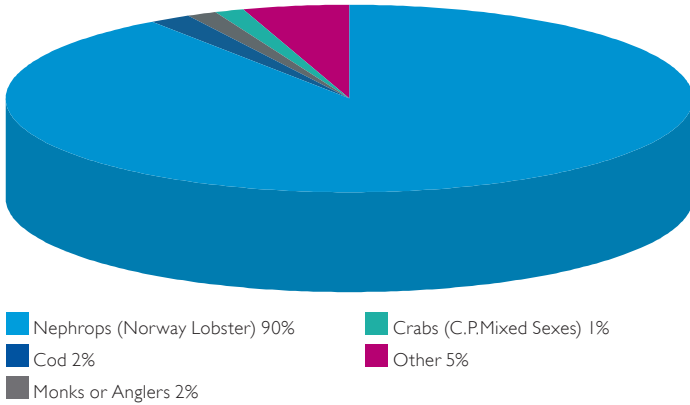


Figure 3.2.2 Total fishing expenses in 2006

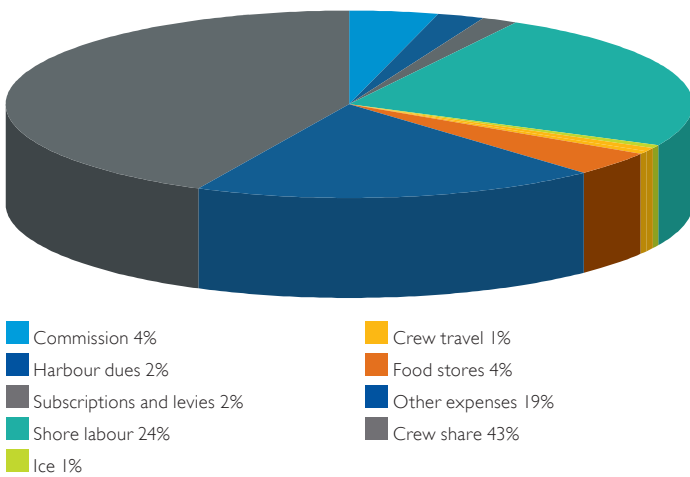
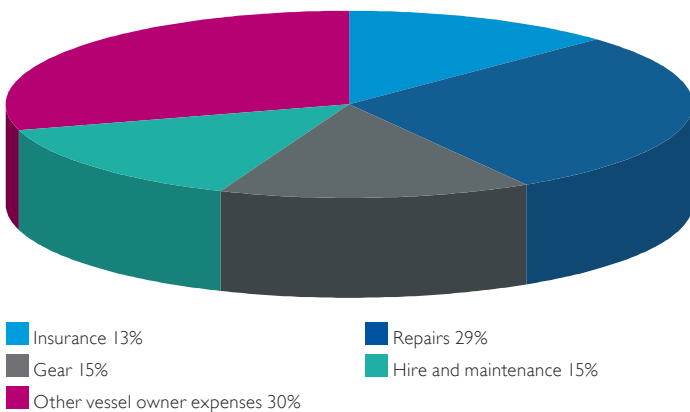


Figure 3.2.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	58	61	67
Total Power (kW)	11,063	11,413	12,448
Total VCU	9,978	10,326	11,248
Total GT	2,831	2,898	3,203
Total Days at sea	9,075	9,127	8,800
Total Volume of Landings (live weight tonnes)	3,901	3,828	4,288
Total Value of Landings (£m)	5.5	5.6	7.5

All vessels in segment		Survey sample vessels (Number of cases: 12)	
Length (m)	16	Length (m)	18
Power (kW)	186	Power (kW)	228
VCU	168	VCU	204
Registered Tonnage (GT)	48	Registered Tonnage (GT)	62
Days at sea	138	Days at sea	174
Volume of Landings (T)	67	Volume of Landings (T)	95
Value of Landings (£)	117,800	Value of Landings (£)	185,695
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	32	Vessel age (years)	31

	2004	2005	2006
Fishing Income (£)	94,400	92,500	117,800
Fishing Income per:			
day (£)	605	617	857
VCU (£)	549	547	702
trip (£)	539	529	1,538
crew member (£)	31,467	30,833	26,178

	2004	2005	2006
Average cost (£)	17,900	16,200	19,000
Cost per trip (£)	104	94	248
Cost per day at sea (£)	115	108	138

	2004	2005	2006
Annual cost (£)	30,700	27,400	33,300
Cost per trip (£)	178	159	435
Cost per day at sea (£)	197	183	242
Cost per man (£)	10,233	7,800	7,400

Table 3.2.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	96,600	100.0%	103,200	100.0%	117,900	100.0%
Fishing Income	94,400	97.7%	92,500	89.7%	117,800	99.9%
Non-Fishing Income	10,000	10.4%	10,600	10.3%	100	0.1%
Fishing Expenses						
Commission	3,900	4.0%	5,600	5.5%	3,300	2.8%
Harbour Dues	3,300	3.4%	3,700	3.6%	1,700	1.4%
Subscriptions and Levies	2,200	2.3%	0	0.0%	1,200	1.0%
Shore Labour	0	0.0%	1,700	1.6%	0	0.0%
Fuel and Oil	17,900	18.5%	16,200	15.7%	19,000	16.1%
Boxes	800	0.8%	900	0.9%	300	0.3%
Ice	1,600	1.7%	800	0.8%	400	0.3%
Crew Travel	1,800	1.9%	1,100	1.1%	500	0.4%
Food Stores	3,700	3.8%	3,700	3.6%	3,200	2.7%
Quota Leasing	1,000	1.0%	0	0.0%	0	0.0%
Days Purchase	200	0.2%	400	0.4%	0	0.0%
Other Expenses	5,400	5.6%	6,500	6.3%	15,100	12.8%
Crew Share	30,700	31.8%	27,400	26.6%	33,300	28.2%
Total Fishing Expenses	61,000	63.2%	68,100	66.0%	78,100	66.2%
Vessel Owner Expenses						
Insurance	5,500	5.7%	4,900	4.8%	6,000	5.1%
Repairs	8,600	8.9%	6,600	6.4%	13,400	11.4%
Gear	2,000	2.1%	2,700	2.6%	6,900	5.9%
Hire and Maintenance	2,400	2.5%	3,300	3.2%	6,700	5.7%
Other Vessel Owner Expenses	12,500	12.9%	2,700	2.6%	13,800	11.7%
Total Vessel Owner Expenses	26,900	27.8%	14,700	14.2%	46,000	39.0%
Total Expenses	84,100	87.1%	73,900	71.6%	124,100	105.3%
Profit *	19,800	20.5%	23,700	23.0%	-6,200	-5.3%
Depreciation	6,200	6.4%	7,500	7.3%	500	0.4%
Interest	5,100	5.3%	3,200	3.1%	1,100	0.9%
Net Profit **	12,000	12.4%	15,700	15.2%	-7,800	-6.6%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.2.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	8,600	6,600	13,400
Repair cost per day at sea (£)	55	44	97
Annual gear cost (£)	2,000	2,700	6,900
Gear cost per day at sea (£)	13	18	50
Annual hire and maintenance cost (£)	2,400	3,300	6,700
Hire and maintenance cost per day at sea (£)	15	22	49

Table 3.2.8 Return on fixed assets			No of cases 2006
Average figures for:	2005	2006	
Vessel insurance value (£)	156,667	160,000	
Licence value (£)	n/a	116,100	
FQA value (£)	n/a	186,700	
Profit (£)	23,700	-6,200	
Return on tangible fixed assets (%)	32.8%	-31.3%	9
Return on fixed assets (%)	n/a	-50.2%	10

Area VIIA nephrops  
twin-rig trawl over 10m

The Area VIIA nephrops twin-rig trawl over 10m segment is based in Northern Ireland, fishing out of ports such as Killeel, Portavogie and Ardglass. These vessels spent on average 177 days at sea in 2006, targeting mainly nephrops which made up 81% of their value of landings (see figure 3.3.1).

Figure 3.3.1: Segment catch composition in 2006

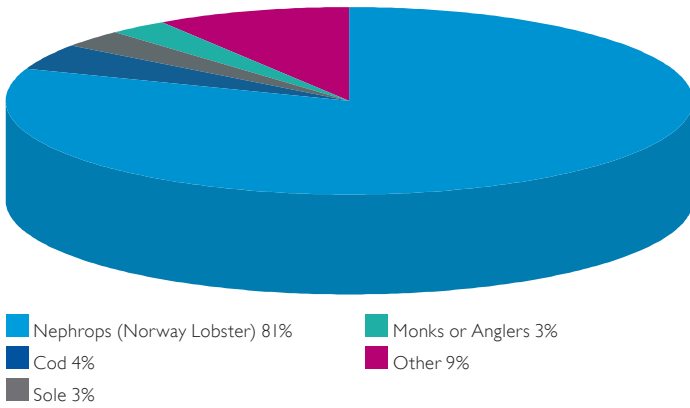


Figure 3.3.2: Total fishing expenses in 2006

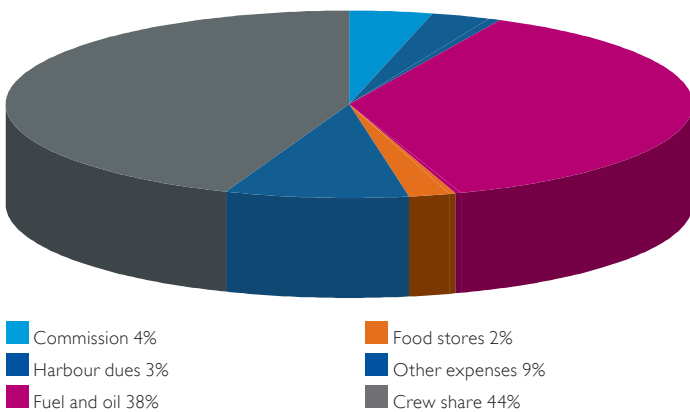
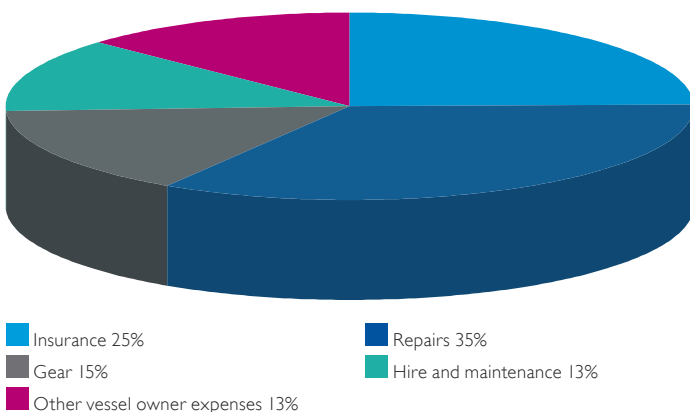


Figure 3.3.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	32	31	34
Total Power (kW)	10,167	10,123	10,556
Total VCU	8,341	8,341	8,730
Total GT	2,828	2,950	3,077
Total Days at sea	5,628	5,765	5,830
Total Volume of Landings (live weight tonnes)	2816	3056	4,115
Total Value of Landings (£m)	4.2	4.8	8.2

All vessels in segment		Survey sample vessels (Number of cases: 6)	
Length (m)	19	Length (m)	19
Power (kW)	310	Power (kW)	278
VCU	257	VCU	237
Registered Tonnage (GT)	91	Registered Tonnage (GT)	78
Days at sea	177	Days at sea	144
Volume of Landings (T)	125	Volume of Landings (T)	88
Value of Landings (£)	247,400	Value of Landings (£)	164,728
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	28	Vessel age (years)	34

	2004	2005	2006
Fishing Income (£)	132,600	153,700	247,400
Fishing Income per:			
day (£)	753	826	1,400
VCU (£)	508	589	964
trip (£)	2,286	2,650	3,612
crew member (£)	26,520	30,740	47,577

	2004	2005	2006
Average cost (£)	20,900	29,700	56,800
Cost per trip (£)	119	160	829
Cost per day at sea (£)	80	114	322

	2004	2005	2006
Annual cost (£)	35,800	52,800	66,800
Cost per trip (£)	203	284	975
Cost per day at sea (£)	137	202	378
Cost per man (£)	7,160	11,300	12,846

Table 3.3.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	132,900	100.0%	169,500	100.0%	251,500	100.0%
Fishing Income	132,600	99.8%	153,700	90.7%	247,400	98.4%
Non-Fishing Income	1,100	0.8%	15,800	9.3%	4,100	1.6%
Fishing Expenses						
Commission	6,100	4.6%	7,600	4.5%	5,800	2.3%
Harbour Dues	4,100	3.1%	6,000	3.5%	4,300	1.7%
Subscriptions and Levies	2,500	1.9%	3,200	1.9%	700	0.3%
Shore Labour	1,800	1.4%	3,900	2.3%	0	0.0%
Fuel and Oil	20,900	15.7%	29,700	17.5%	56,800	22.6%
Boxes	900	0.7%	1,300	0.8%	0	0.0%
Ice	1,400	1.1%	1,900	1.1%	300	0.1%
Crew Travel	1,300	1.0%	1,700	1.0%	500	0.2%
Food Stores	3,800	2.9%	5,000	2.9%	3,000	1.2%
Quota Leasing	0	0.0%	500	0.3%	100	0.0%
Days Purchase	1,000	0.8%	2,400	1.4%	0	0.0%
Other Expenses	12,300	9.3%	3,000	1.8%	12,900	5.1%
Crew Share	35,800	26.9%	52,800	31.2%	66,800	26.6%
Total Fishing Expenses	78,100	58.8%	119,000	70.2%	151,400	60.2%
Vessel Owner Expenses						
Insurance	8,800	6.6%	10,800	6.4%	15,600	6.2%
Repairs	14,900	11.2%	14,100	8.3%	21,700	8.6%
Gear	5,500	4.1%	6,800	4.0%	9,600	3.8%
Hire and Maintenance	2,300	1.7%	2,400	1.4%	8,100	3.2%
Other Vessel Owner Expenses	2,500	1.9%	28,100	16.6%	8,200	3.3%
Total Vessel Owner Expenses	29,000	21.8%	57,700	34.0%	62,400	24.8%
Total Expenses	107,100	80.6%	163,100	96.2%	213,800	85.0%
Profit *	25,800	19.4%	13,500	8.0%	37,700	15.0%
Depreciation	5,100	3.8%	5,400	3.2%	3,800	1.5%
Interest	6,800	5.1%	4,700	2.8%	4,100	1.6%
Net Profit **	17,400	13.1%	6,400	3.8%	29,800	11.8%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.3.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	14,900	14,100	21,700
Repair cost per day at sea (£)	85	76	123
Annual gear cost (£)	5,500	6,800	9,600
Gear cost per day at sea (£)	31	37	54
Annual hire and maintenance cost (£)	2,300	2,400	8,100
Hire and maintenance cost per day at sea (£)	13	13	46

Area VIIDEFG trawlers  
10-15m

The Area VIIDEFG trawler 10-15m segment is based mainly along the south coast of England, fishing from ports such as Brixham, Southampton, Looe and Plymouth. These vessels spent on average 159 days at sea in 2006 and target a variety of species as shown in figure 3.4.1.

Figure 3.4.1: Segment catch composition in 2006

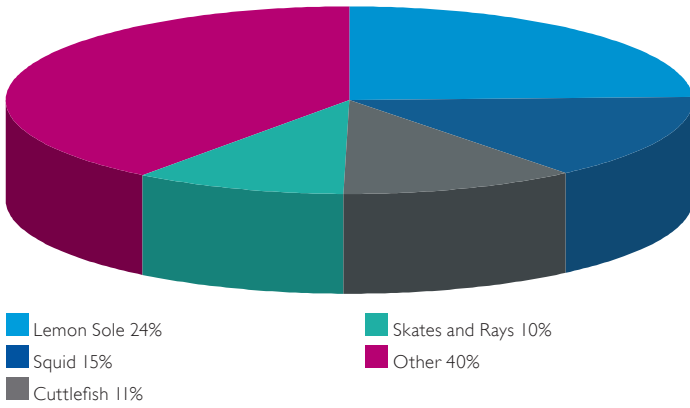


Figure 3.4.2: Total fishing expenses in 2006

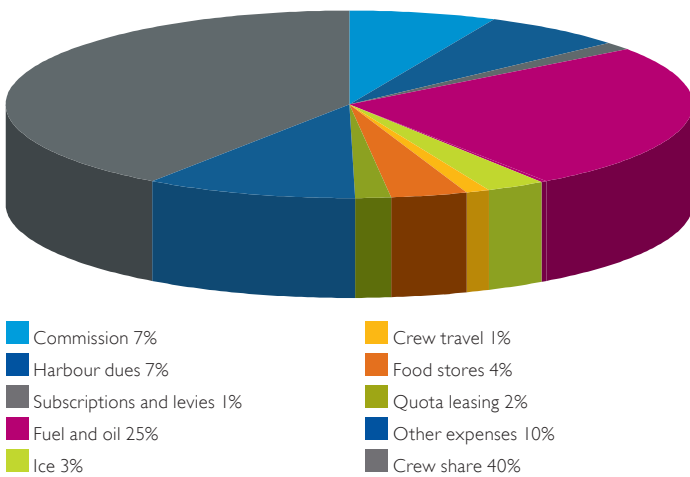
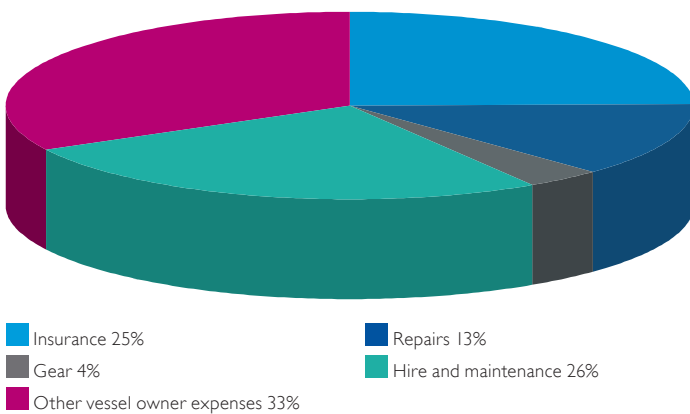


Figure 3.4.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	60	57	60
Total Power (kW)	9,496	9,797	10,365
Total VCU	7,642	7,885	8,384
Total GT	1,506	1,551	1,646
Total Days at sea	9,312	9,864	9,352
Total Volume of Landings (live weight tonnes)	3,754	3,532	3,500
Total Value of Landings (£m)	6.0	7.2	7.3

All vessels in segment		Survey sample vessels (Number of cases: 10)	
Length (m)	13	Length (m)	13
Power (kW)	173	Power (kW)	182
VCU	140	VCU	147
Registered Tonnage (GT)	27	Registered Tonnage (GT)	30
Days at sea	159	Days at sea	208
Volume of Landings (T)	59	Volume of Landings (T)	75
Value of Landings (£)	124,500	Value of Landings (£)	160,946
Crew Size (full time)	n/a	Crew Size (full time)	3
Vessel age (years)	19	Vessel age (years)	16

	2004	2005	2006
Fishing Income (£)	116,100	125,900	124,500
Fishing Income per:			
day (£)	663	728	785
VCU (£)	854	912	891
trip (£)	1,001	1,085	778
crew member (£)	58,050	62,950	46,688

	2004	2005	2006
Average cost (£)	12,800	15,600	21,800
Cost per trip (£)	110	134	136
Cost per day at sea (£)	73	90	138

	2004	2005	2006
Annual cost (£)	26,900	20,700	34,500
Cost per trip (£)	232	178	216
Cost per day at sea (£)	154	120	218
Cost per man (£)	13,450	9,200	12,938



Table 3.4.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	116,100	100.0%	125,900	100.0%	137,200	100.0%
Fishing Income	113,600	97.8%	125,900	100.0%	124,500	90.7%
Non-Fishing Income	6,500	5.6%	0	0.0%	12,700	9.3%
Fishing Expenses						
Commission	6,900	5.9%	6,300	5.0%	6,000	4.4%
Harbour Dues	4,200	3.6%	5,700	4.5%	5,800	4.2%
Subscriptions and Levies	500	0.4%	700	0.6%	1,000	0.7%
Shore Labour	700	0.6%	700	0.6%	0	0.0%
Fuel and Oil	12,800	11.0%	15,600	12.4%	21,800	15.9%
Boxes	700	0.6%	600	0.5%	300	0.2%
Ice	2,000	1.7%	3,100	2.5%	2,300	1.7%
Crew Travel	1,200	1.0%	1,000	0.8%	900	0.7%
Food Stores	1,300	1.1%	1,200	1.0%	3,100	2.3%
Quota Leasing	1,900	1.6%	1,300	1.0%	1,500	1.1%
Days Purchase	n/a	n/a	n/a	n/a	0	0.0%
Other Expenses	2,700	2.3%	2,300	1.8%	8,700	6.3%
Crew Share	26,900	23.2%	20,700	16.4%	34,500	25.1%
Total Fishing Expenses	50,100	43.1%	59,400	47.1%	85,700	62.5%
Vessel Owner Expenses						
Insurance	4,300	3.7%	3,000	2.4%	7,600	5.5%
Repairs	16,600	14.3%	24,300	19.3%	3,900	2.8%
Gear	6,700	5.8%	4,900	3.9%	1,100	0.8%
Hire and Maintenance	1,700	1.5%	1,700	1.4%	8,000	5.8%
Other Vessel Owner Expenses	10,200	8.8%	7,200	5.7%	10,100	7.4%
Total Vessel Owner Expenses	37,900	32.6%	38,600	30.7%	30,500	22.2%
Total Expenses	84,600	72.9%	83,600	66.4%	116,200	84.7%
Profit *	31,500	27.1%	42,300	33.6%	21,000	15.3%
Depreciation	8,800	7.6%	5,900	4.7%	3,100	2.3%
Interest	11,800	10.2%	11,300	9.0%	4,300	3.1%
Net Profit **	20,500	17.7%	35,400	28.1%	13,600	9.9%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.4.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	16,600	24,300	3,900
Repair cost per day at sea (£)	95	140	25
Annual gear cost (£)	6,700	4,900	1,100
Gear cost per day at sea (£)	38	28	7
Annual hire and maintenance cost (£)	1,700	1,700	8,000
Hire and maintenance cost per day at sea (£)	10	10	50

# Area VIIDEFG trawlers 15-40m

The Area VIIDEFG 15-40m trawler segment is predominantly based along the west coast of Scotland, Newlyn and Exmouth. These vessels spent on average 222 days at sea in 2006 and target a variety of species of fish including monkfish and hake, as shown in Figure 3.5.1.

Unfortunately, there was not enough financial data available from vessels in this segment to produce accurate costs, profits and capital information.

Table 3.5.1 Segment characteristics 2004-2006			
	2004	2005	2006
Number of Active Vessels	21	22	24
Total Power (kW)	13,296	13,864	13,155
Total VCU	11,201	11,751	11,267
Total GT	5,588	5,871	5,457
Total Days at sea	5,379	5,288	5,113
Total Volume of Landings (live weight tonnes)	5,083	4,831	4,732
Total Value of Landings (£m)	11.2	11.4	10.6

Figure 3.5.1: Segment catch composition in 2006

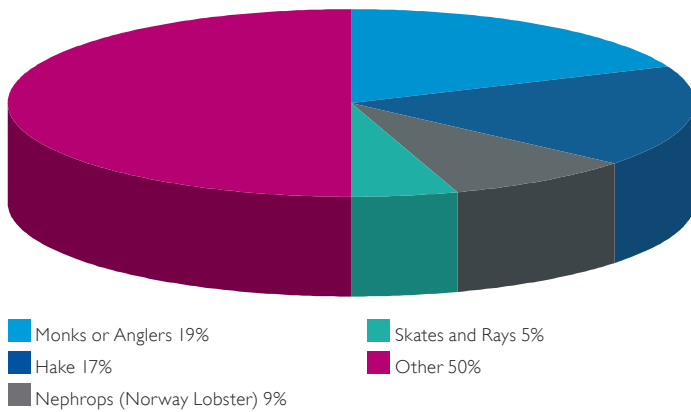


Table 3.5.2 Average vessel characteristics	
All vessels in segment	
Length (m)	30
Power (kW)	548
VCU	469
Registered Tonnage (GT)	227
Days at sea	222
Volume of Landings (T)	206
Value of Landings (£)	461,200
Crew Size (full time)	n/a
Vessel age (years)	30

Table 3.5.3 Average fishing income	
	2006
Fishing Income (£)	461,200
Fishing Income per:	
day (£)	2,075
VCU (£)	982
trip (£)	4,551
crew member (£)	n/a

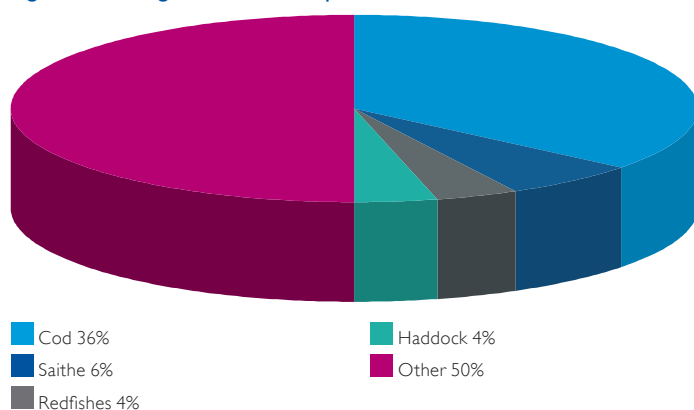
# Area VIIDEFG trawlers 40m+

The Area VIIDEFG 40m+ trawler segment fishes primarily from Milford Haven in the UK and Corunna and Vigo in Spain. In 2006 they spent on average 242 days at sea and saithe provided the largest single-species proportion of their landings value (see figure 3.6.1).

Unfortunately, there was not enough financial information available from vessels in this segment to produce accurate costs, profits and capital information.

	2004	2005	2006
Number of Active Vessels	8	9	8
Total Power (kW)	16,618	17,514	15,534
Total VCU	12,562	13,385	11,587
Total GT	10,588	11,140	9,945
Total Days at sea	2,199	2,115	1,697
Total Volume of Landings (live weight tonnes)	19,791	22,285	17,467
Total Value of Landings (£m)	26.9	30.3	17.1

Figure 3.6.1: Segment catch composition in 2006



All vessels in segment	
Length (m)	54
Power (kW)	1,942
VCU	1,448
Registered Tonnage (GT)	1,243
Days at sea	242
Volume of Landings (T)	2,495
Value of Landings (£)	2,448,500
Crew Size (full time)	n/a
Vessel age (years)	22

2006	
Fishing Income (£)	2,448,500
Fishing Income per:	
day (£)	10,100
VCU (£)	1,690
trip (£)	n/a
crew member (£)	n/a

Gill netters over 10m

The gill netter over 10m segment is based in many ports around the UK, ranging from Whalsay in the Shetland Islands to Newlyn in the south west of England. In 2006 these vessels spent on average 167 days at sea and target species such as monkfish and hake, as shown in figure 3.7.1.

Figure 3.7.1: Segment catch composition in 2006

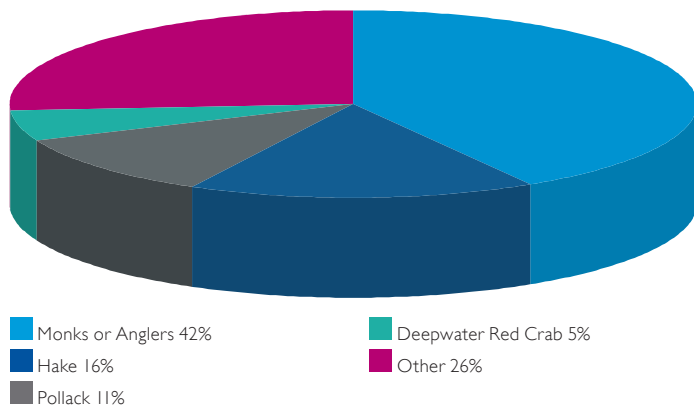


Figure 3.7.2: Total fishing expenses in 2006

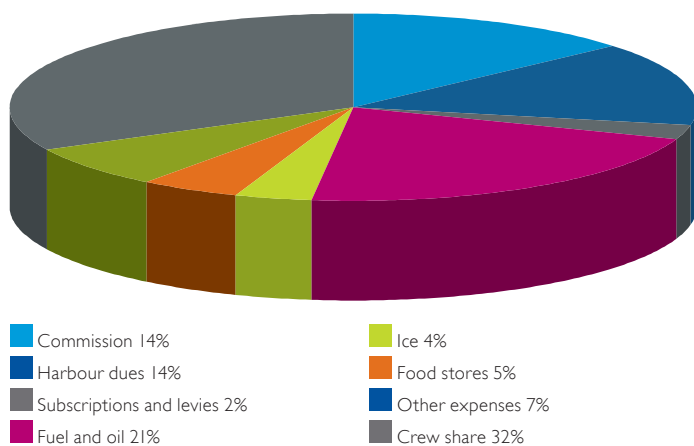
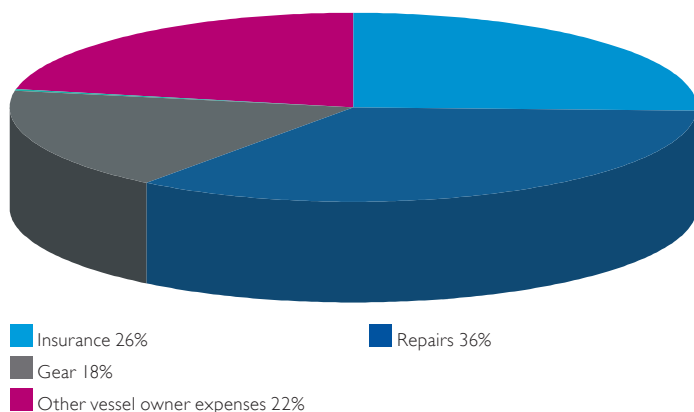


Figure 3.7.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	61	62	61
Total Power (kW)	19,524	20,026	19,656
Total VCU	17,369	17,868	17,493
Total GT	8,212	8,475	8,203
Total Days at sea	12,255	11,126	9,494
Total Volume of Landings (live weight tonnes)	12,224	11,201	7,573
Total Value of Landings (£m)	16.6	19.6	15.8

All vessels in segment		Survey sample vessels (Number of cases: 4)	
Length (m)	22	Length (m)	17
Power (kW)	322	Power (kW)	146
VCU	287	VCU	153
Registered Tonnage (GT)	134	Registered Tonnage (GT)	48
Days at sea	167	Days at sea	83
Volume of Landings (T)	133	Volume of Landings (T)	53
Value of Landings (£)	277,200	Value of Landings (£)	79,751
Crew Size (full time)	n/a	Crew Size (full time)	n/a
Vessel age (years)	31	Vessel age (years)	31

	2004	2005	2006
Fishing Income (£)	272,300	315,700	277,200
Fishing Income per:			
day (£)	1,355	1,764	1,664
VCU (£)	955	1,096	967
trip (£)	12,377	14,350	5,940
crew member (£)	54,460	63,140	n/a

	2004	2005	2006
Average cost (£)	14,700	20,600	53,000
Cost per trip (£)	668	936	1,136
Cost per day at sea (£)	73	115	318

	2004	2005	2006
Annual cost (£)	73,800	82,800	80,200
Cost per trip (£)	3,355	3,764	1,719
Cost per day at sea (£)	367	463	482
Cost per man (£)	14,760	16,600	n/a

Table 3.7.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	272,800	100.0%	327,200	100.0%	296,400	100.0%
Fishing Income	272,300	99.8%	315,700	96.5%	277,200	93.5%
Non-Fishing Income	500	0.2%	11,500	3.5%	19,200	6.5%
Fishing Expenses						
Commission	7,500	2.7%	10,400	3.2%	33,600	11.3%
Harbour Dues	6,800	2.5%	7,100	2.2%	35,800	12.1%
Subscriptions and Levies	600	0.2%	600	0.2%	5,900	2.0%
Shore Labour	900	0.3%	700	0.2%	n/a	n/a
Fuel and Oil	14,700	5.4%	20,600	6.3%	53,000	17.9%
Boxes	300	0.1%	300	0.1%	n/a	n/a
Ice	3,700	1.4%	3,600	1.1%	9,400	3.2%
Crew Travel	3,000	1.1%	2,000	0.6%	n/a	n/a
Food Stores	3,200	1.2%	3,600	1.1%	11,200	3.8%
Quota Leasing	6,000	2.2%	2,200	0.7%	n/a	n/a
Days Purchase	n/a	n/a	n/a	n/a	n/a	n/a
Other Expenses	49,500	18.1%	56,200	17.2%	18,200	6.1%
Crew Share	73,800	27.1%	82,800	25.3%	80,200	27.1%
Total Fishing Expenses	208,900	76.6%	190,200	58.0%	247,300	83.4%
Vessel Owner Expenses						
Insurance	8,300	3.0%	10,400	3.2%	15,400	5.2%
Repairs	37,800	13.9%	65,200	19.9%	21,000	7.1%
Gear	27,300	10.0%	20,000	6.1%	10,500	3.5%
Hire and Maintenance	1,000	0.4%	900	0.3%	200	0.1%
Other Vessel Owner Expenses	7,700	2.8%	8,900	2.7%	13,200	4.5%
Total Vessel Owner Expenses	74,800	27.4%	99,100	30.3%	58,900	19.9%
Total Expenses	220,700	80.9%	262,200	80.1%	306,200	103.3%
Profit *	200	0.1%	-3,200	-1.0%	-9,800	-3.3%
Depreciation	6,200	2.3%	5,300	1.6%	200	0.1%
Interest	1,600	0.6%	3,200	1.0%	0	0.0%
Net Profit **	-6,000	-2.2%	-10,100	-3.1%	-10,000	-3.4%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.7.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	37,800	65,200	21,000
Repair cost per day at sea (£)	188	364	126
Annual gear cost (£)	20,000	27,300	10,500
Gear cost per day at sea (£)	100	153	63
Annual hire and maintenance cost (£)	1,000	900	200
Hire and maintenance cost per day at sea (£)	5	5	1

Table 3.7.8 Return on fixed assets		
	2006	No of cases 2006
Average figures for:		
Vessel insurance value (£)	75,000	
Licence value (£)	60,625	
FQA value (£)	n/a	
Profit (£)	-9,800	
Return on tangible fixed assets (%)	-6.1%	4
Return on fixed assets (%)	n/a	



# Irish Sea demersal trawl over 10m

The background of the slide is a solid teal color. At the bottom, there is a white wavy line that separates the teal area from a dark blue area. The text is white and positioned in the upper left quadrant of the teal area.

The Irish Sea demersal trawl over 10m segment is predominately based along the north west of England and in Northern Ireland, fishing out of the ports such as Maryport, Fleetwood, Kilkeel and Portavogie. Vessels in this segment spent an average of 131 days at sea in 2006 and target species such as cod, haddock and hake (see figure 3.8.1).

Figure 3.8.1: Segment catch composition in 2006

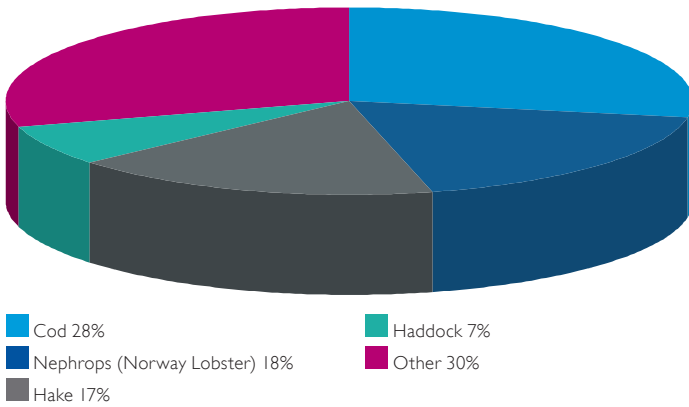


Figure 3.8.2: Total fishing expenses in 2006

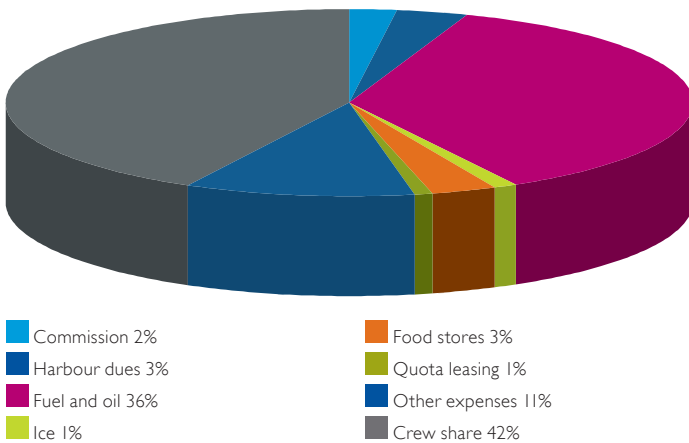
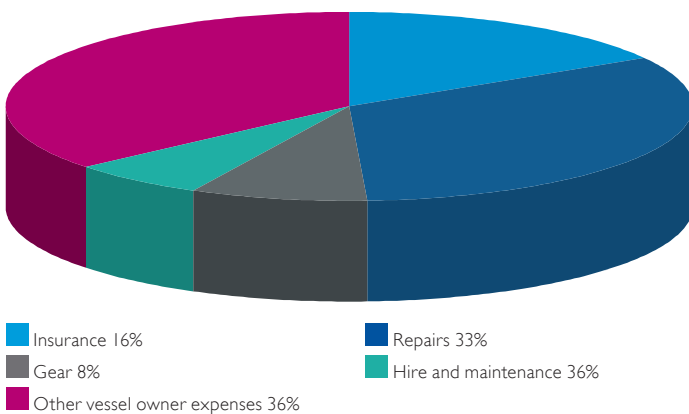


Figure 3.8.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	20	23	24
Total Power (kW)	7,224	7,714	7,674
Total VCU	6,043	6,395	6,473
Total GT	2,351	2,445	2,431
Total Days at sea	3,269	3,425	3,010
Total Volume of Landings (live weight tonnes)	2,126	1,888	1,590
Total Value of Landings (£m)	2.8	2.7	2.9

All vessels in segment		Survey sample vessels (Number of cases: 7)	
Length (m)	20	Length (m)	20
Power (kW)	320	Power (kW)	326
VCU	270	VCU	272
Registered Tonnage (GT)	101	Registered Tonnage (GT)	96
Days at sea	131	Days at sea	120
Volume of Landings (T)	69	Volume of Landings (T)	61
Value of Landings (£)	124,300	Value of Landings (£)	96,984
Crew Size (full time)	n/a	Crew Size (full time)	4
Vessel age (years)	31	Vessel age (years)	36

	2004	2005	2006
Fishing Income (£)	138,000	118,900	124,300
Fishing Income per:			
day (£)	847	798	950
VCU (£)	457	428	461
trip (£)	2,226	1,918	1,266
crew member (£)	34,500	59,450	30,003

	2004	2005	2006
Average cost (£)	26,700	32,000	36,500
Cost per trip (£)	431	516	372
Cost per day at sea (£)	164	215	279

	2004	2005	2006
Annual cost (£)	45,000	42,400	42,300
Cost per trip (£)	726	684	431
Cost per day at sea (£)	276	285	323
Cost per man (£)	10,600	11,250	10,210

Table 3.8.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	154,600	100.0%	135,500	100.0%	136,000	100.0%
Fishing Income	138,000	89.3%	118,900	87.7%	124,300	91.4%
Non-Fishing Income	22,000	14.2%	16,700	12.3%	11,700	8.6%
Fishing Expenses						
Commission	5,800	3.8%	5,400	4.0%	2,200	1.6%
Harbour Dues	4,900	3.2%	4,600	3.4%	3,300	2.4%
Subscriptions and Levies	3,300	2.1%	2,700	2.0%	100	0.1%
Shore Labour	0	0.0%	0	0.0%	0	0.0%
Fuel and Oil	26,700	17.3%	32,000	23.6%	36,500	26.8%
Boxes	1,200	0.8%	0	0.0%	0	0.0%
Ice	2,300	1.5%	1,400	1.0%	900	0.7%
Crew Travel	2,600	1.7%	1,400	1.0%	200	0.1%
Food Stores	5,500	3.6%	4,700	3.5%	2,900	2.1%
Quota Leasing	1,400	0.9%	1,000	0.7%	800	0.6%
Days Purchase	200	0.1%	400	0.3%	0	0.0%
Other Expenses	8,100	5.2%	10,800	8.0%	10,900	8.0%
Crew Share	45,000	29.1%	42,400	31.3%	42,300	31.1%
Total Fishing Expenses	90,800	58.7%	106,800	78.8%	100,100	73.6%
Vessel Owner Expenses						
Insurance	8,300	5.4%	7,300	5.4%	6,600	4.9%
Repairs	12,800	8.3%	10,900	8.0%	13,400	9.9%
Gear	3,000	1.9%	3,400	2.5%	3,300	2.4%
Hire and Maintenance	3,600	2.3%	3,200	2.4%	2,600	1.9%
Other Vessel Owner Expenses	18,500	12.0%	15,800	11.7%	14,700	10.8%
Total Vessel Owner Expenses	40,100	25.9%	36,800	27.2%	40,600	29.9%
Total Expenses	125,100	80.9%	121,300	89.5%	140,700	103.5%
Profit *	29,500	19.1%	11,800	8.7%	-4,700	-3.5%
Depreciation	9,200	6.0%	8,400	6.2%	2,900	2.1%
Interest	7,700	5.0%	7,000	5.2%	900	0.7%
Net Profit **	17,800	11.5%	-400	-0.3%	-8,600	-6.3%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.8.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	12,800	10,900	13,400
Repair cost per day at sea (£)	79	73	102
Annual gear cost (£)	3,000	3,400	3,300
Gear cost per day at sea (£)	18	23	25
Annual hire and maintenance cost (£)	3,600	3,200	2,600
Hire and maintenance cost per day at sea (£)	22	21	20

Long line vessels over 10m

The over 10m long line vessels fish mainly from Spanish ports and a number of ports along the south and west coast of England, including Lowestoft and Great Yarmouth. In 2006 these vessels spent on average 218 days at sea targeting species such as Hake and Ling (see figure 3.9.1).

Unfortunately, there was not enough financial data available from vessels in this segment to produce accurate costs, profits and capital information.

Figure 3.9.1: Segment catch composition in 2006

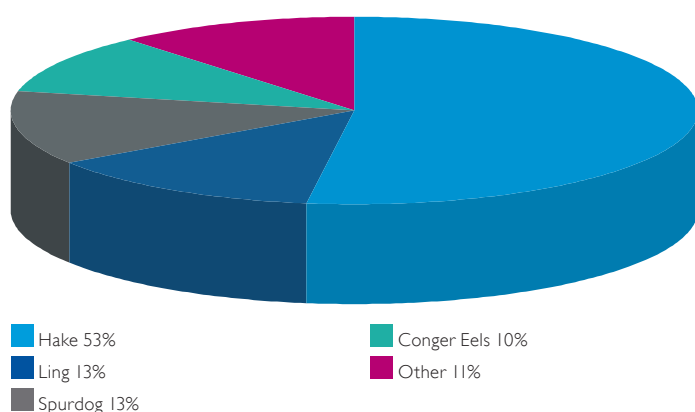


Table 3.9.1 Segment characteristics 2004-2006			
	2004	2005	2006
Number of Active Vessels	34	13	13
Total Power (kW)	10,682	4,654	4,773
Total VCU	9,396	4,295	4,346
Total GT	4,262	2,317	2,318
Total Days at sea	6,948	3,220	2,835
Total Volume of Landings (live weight tonnes)	6,206	3,508	3,291
Total Value of Landings (£m)	8.8	7.0	5.9

Table 3.9.2 Average vessel characteristics	
All vessels in segment	
Length (m)	25
Power (kW)	367
VCU	334
Registered Tonnage (GT)	178
Days at sea	218
Volume of Landings (T)	274
Value of Landings (£)	494,400
Crew Size (full time)	n/a
Vessel age (years)	29

Table 3.9.3 Average fishing income			
	2004	2005	2006
Fishing Income (£)	271,000	536,300	494,400
Fishing Income per:			
day (£)	1,328	2,163	2,267
VCU (£)	982	1,625	1,479
trip (£)	n/a	n/a	5,433
crew member (£)	n/a	n/a	49,440

# North Sea beam trawl over 300kW

The North Sea beam trawl over 300kW segment fishes mainly from ports along the east coast of England and the Netherlands. Vessels in this segment spent on average 205 days at sea in 2006 and target flatfish species such as plaice and sole (see figure 3.10.1).

Figure 3.10.1: Segment catch composition in 2006

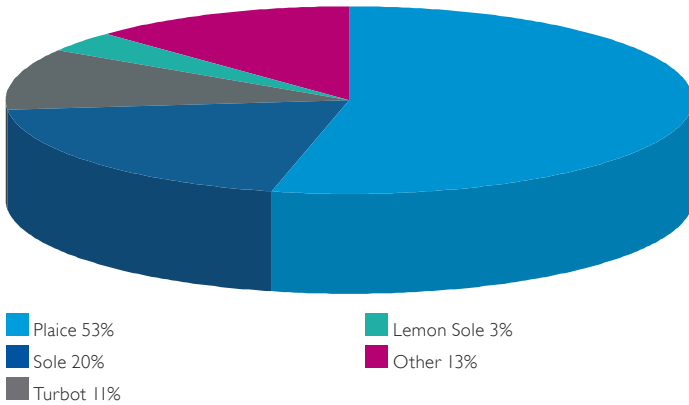


Figure 3.10.2: Total fishing expenses in 2006

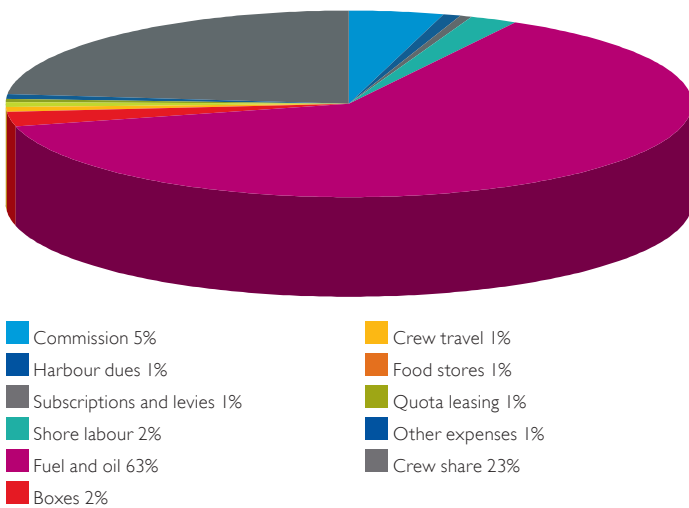
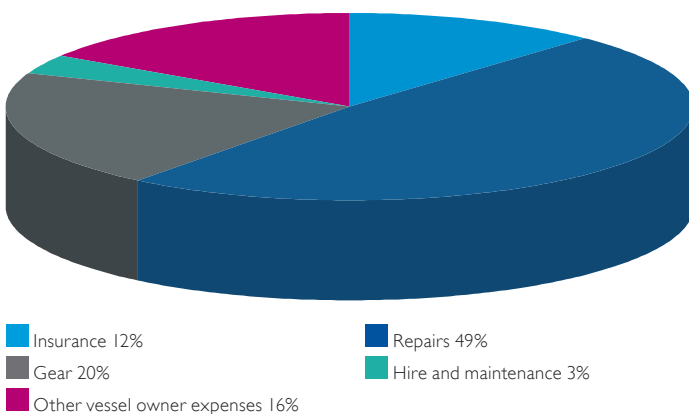


Figure 3.10.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	27	29	26
Total Power (kW)	43,159	44,323	38,183
Total VCU	29,176	30,102	26,313
Total GT	11,940	12,418	10,957
Total Days at sea	6,158	5,979	5,122
Total Volume of Landings (live weight tonnes)	15,054	14,038	12,623
Total Value of Landings (£m)	24.0	24.3	21.4

All vessels in segment		Survey sample vessels (Number of cases: 13)	
Length (m)	40	Length (m)	41
Power (kW)	1,469	Power (kW)	1,532
VCU	1,012	VCU	1,054
Registered Tonnage (GT)	421	Registered Tonnage (GT)	448
Days at sea	205	Days at sea	212
Volume of Landings (T)	505	Volume of Landings (T)	558
Value of Landings (£)	857,700	Value of Landings (£)	1,030,276
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	21	Vessel age (years)	21

	2004	2005	2006
Fishing Income (£)	890,200	837,800	857,700
Fishing Income per:			
day (£)	3,904	4,067	4,186
VCU (£)	855	807	848
trip (£)	n/a	n/a	21,149
crew member (£)	n/a	n/a	164,240

	2004	2005	2006
Average cost (£)	415,100	473,700	449,200
Cost per trip (£)	n/a	n/a	11,076
Cost per day at sea (£)	1,821	2,300	2,193

	2004	2005	2006
Annual cost (£)	171,300	152,200	165,900
Cost per trip (£)	n/a	n/a	4,091
Cost per day at sea (£)	751	739	810
Cost per man (£)	n/a	25,400	31,768

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	915,000	100.0%	861,000	100.0%	857,700	100.0%
Fishing Income	890,200	97.3%	837,800	97.3%	857,700	100.0%
Non-Fishing Income	24,700	2.7%	23,300	2.7%	0	0.0%
<b>Fishing Expenses</b>						
Commission	46,200	5.0%	42,300	4.9%	32,500	3.8%
Harbour Dues	13,200	1.4%	12,100	1.4%	4,300	0.5%
Subscriptions and Levies	6,600	0.7%	6,000	0.7%	5,000	0.6%
Shore Labour	18,200	2.0%	16,600	1.9%	15,000	1.7%
Fuel and Oil	415,100	45.4%	473,700	55.0%	449,200	52.4%
Boxes	0	0.0%	0	0.0%	16,900	2.0%
Ice	0	0.0%	1,000	0.1%	0	0.0%
Crew Travel	5,400	0.6%	5,000	0.6%	6,200	0.7%
Food Stores	20,900	2.3%	19,200	2.2%	5,300	0.6%
Quota Leasing	4,300	0.5%	3,900	0.5%	4,100	0.5%
Days Purchase	0	0.0%	0	0.0%	0	0.0%
Other Expenses	16,800	1.8%	14,300	1.7%	6,400	0.7%
<b>Crew Share</b>	<b>171,300</b>	<b>18.7%</b>	<b>152,200</b>	<b>17.7%</b>	<b>165,900</b>	<b>19.3%</b>
<b>Total Fishing Expenses</b>	<b>718,000</b>	<b>78.5%</b>	<b>746,500</b>	<b>86.7%</b>	<b>710,800</b>	<b>82.9%</b>
<b>Vessel Owner Expenses</b>						
Insurance	44,300	4.8%	40,600	4.7%	19,700	2.3%
Repairs	67,800	7.4%	62,100	7.2%	79,600	9.3%
Gear	43,800	4.8%	40,100	4.7%	33,400	3.9%
Hire and Maintenance	1,500	0.2%	1,400	0.2%	5,400	0.6%
Other Vessel Owner Expenses	22,300	2.4%	20,400	2.4%	25,900	3.0%
<b>Total Vessel Owner Expenses</b>	<b>179,800</b>	<b>19.7%</b>	<b>164,600</b>	<b>19.1%</b>	<b>164,000</b>	<b>19.1%</b>
<b>Total Expenses</b>	<b>897,700</b>	<b>98.1%</b>	<b>911,100</b>	<b>105.8%</b>	<b>874,800</b>	<b>102.0%</b>
<b>Profit *</b>	<b>17,200</b>	<b>1.9%</b>	<b>-50,100</b>	<b>-5.8%</b>	<b>-17,100</b>	<b>-2.0%</b>
Depreciation	n/a	n/a	n/a	n/a	25,600	3.0%
Interest	n/a	n/a	n/a	n/a	11,800	1.4%
<b>Net Profit **</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>-54,500</b>	<b>-6.4%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	67,800	62,100	79,600
Repair cost per day at sea (£)	297	301	389
Annual gear cost (£)	43,800	40,100	33,400
Gear cost per day at sea (£)	192	195	163
Annual hire and maintenance cost (£)	1,500	1,400	5,400
Hire and maintenance cost per day at sea (£)	7	7	26

	2006	No of cases 2006
Average figures for:		
Vessel insurance value (£)	688,600	
Licence value (£)	772,200	
FQA value (£)	1,000,000	
Profit (£)	46,100	
Return on tangible fixed assets (%)	53.8%	9
Return on fixed assets (%)	12.2%	9



# North Sea beam trawl under 300kW

The North Sea beam trawl under 300kW segment is based predominantly along the east coast of England. In 2006 these vessels spent an average of 47 days at sea and herring provided their largest single-species proportion of earnings. (see figure 3.11.1).

Unfortunately, there was not enough financial information available from vessels in this segment to produce accurate costs, profits and capital information.

Figure 3.11.1: Segment catch composition in 2006

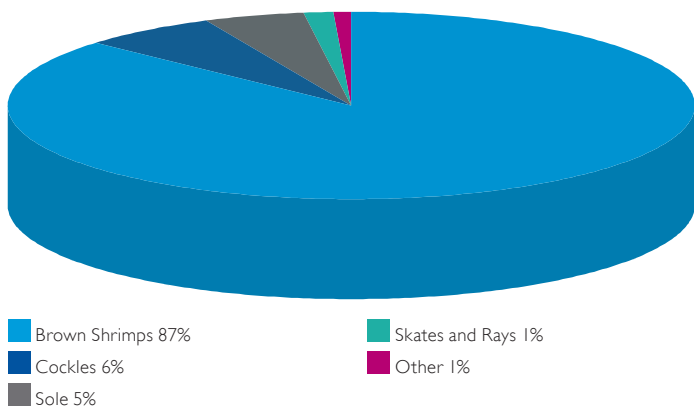


Table 3.11.1 Segment characteristics 2004-2006			
	2004	2005	2006
Number of Active Vessels	17	17	28
Total Power (kW)	2,984	2,941	4,677
Total VCU	2,590	2,497	4,052
Total GT	465	466	750
Total Days at sea	1,869	1,987	1,074
Total Volume of Landings (live weight tonnes)	398	437	505
Total Value of Landings (£m)	0.5	0.7	0.8

Table 3.11.2 Average vessel characteristics	
All vessels in segment	
Length (m)	14
Power (kW)	167
VCU	145
Registered Tonnage (GT)	27
Days at sea	47
Volume of Landings (T)	22
Value of Landings (£)	33,300
Crew Size (full time)	n/a
Vessel age (years)	22

Table 3.11.3 Average fishing income			
	2004	2005	2006
Fishing Income (£)	31,300	41,400	33,300
Fishing Income per:			
day (£)	285	354	713
VCU (£)	206	282	230
trip (£)	n/a	n/a	n/a
crew member (£)	n/a	n/a	n/a

North Sea nephrops  
single-rig trawl over 10m

North Sea nephrops single-rig trawl over 10m vessels fish from a number of ports in north east England and Scotland. In 2006 these vessels spent on average 152 days at sea fishing almost exclusively for nephrops as shown in figure 3.12.1.

Figure 3.12.1: Segment catch composition in 2006

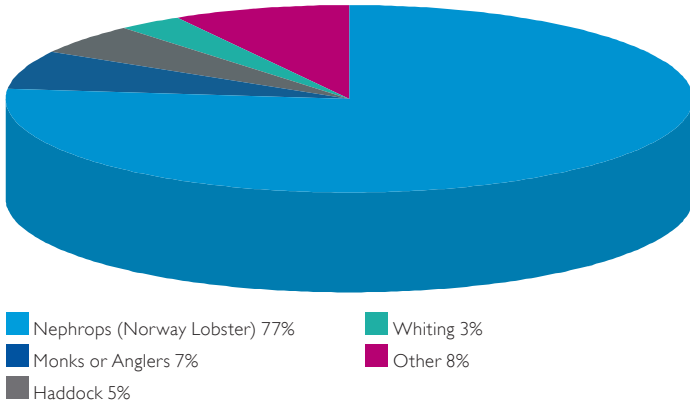


Figure 3.12.2: Total fishing expenses in 2006

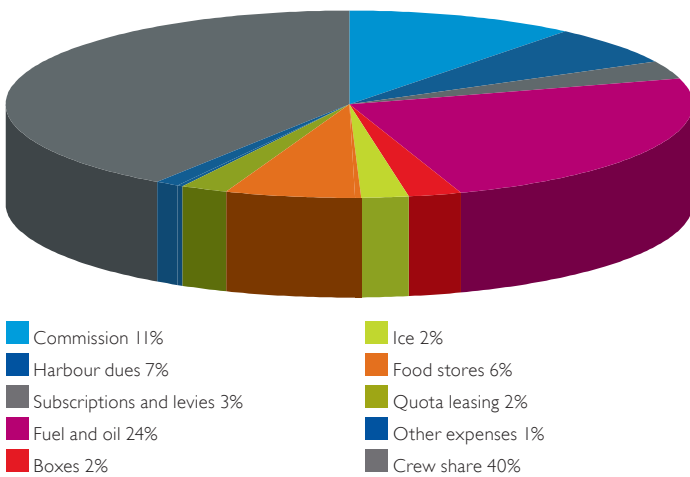
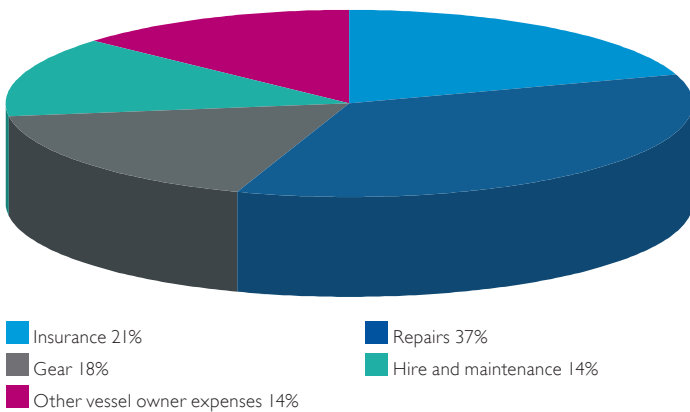


Figure 3.12.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	128	130	135
Total Power (kW)	32,245	33,278	34,009
Total VCU	26,623	27,370	28,100
Total GT	9,560	9,891	10,151
Total Days at sea	25,041	22,810	20,120
Total Volume of Landings (live weight tonnes)	16,395	17,293	16,730
Total Value of Landings (£m)	24.7	30.4	36.1

All vessels in segment		Survey sample vessels (Number of cases: 42)	
Length (m)	16	Length (m)	17
Power (kW)	252	Power (kW)	279
VCU	208	VCU	232
Registered Tonnage (GT)	75	Registered Tonnage (GT)	96
Days at sea	152	Days at sea	164
Volume of Landings (T)	127	Volume of Landings (T)	150
Value of Landings (£)	273,200	Value of Landings (£)	319,315
Crew Size (full time)	n/a	Crew Size (full time)	4
Vessel age (years)	24	Vessel age (years)	21

	2004	2005	2006
Fishing Income (£)	192,700	234,200	273,200
Fishing Income per:			
day (£)	983	1,331	1,792
VCU (£)	926	1,121	1,313
trip (£)	3,011	3,659	3,175
crew member (£)	38,540	46,840	67,011

	2004	2005	2006
Average cost (£)	28,600	39,300	39,500
Cost per trip (£)	447	614	459
Cost per day at sea (£)	146	223	259

	2004	2005	2006
Annual cost (£)	53,800	67,500	66,500
Cost per trip (£)	841	1,055	773
Cost per day at sea (£)	274	384	436
Cost per man (£)	10,760	14,100	16,311

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	205,900	100.0%	246,400	100.0%	279,500	100.0%
Fishing Income	192,700	93.6%	234,200	95.0%	273,200	97.7%
Non-Fishing Income	14,300	6.9%	12,200	5.0%	6,300	2.3%
<b>Fishing Expenses</b>						
Commission	9,600	4.7%	11,700	4.7%	17,800	6.4%
Harbour Dues	7,200	3.5%	8,600	3.5%	10,800	3.9%
Subscriptions and Levies	1,800	0.9%	3,400	1.4%	5,300	1.9%
Shore Labour	300	0.1%	4,700	1.9%	0	0.0%
Fuel and Oil	28,600	13.9%	39,300	15.9%	39,500	14.1%
Boxes	1,500	0.7%	1,600	0.6%	4,100	1.5%
Ice	2,400	1.2%	2,700	1.1%	4,000	1.4%
Crew Travel	200	0.1%	300	0.1%	400	0.1%
Food Stores	6,400	3.1%	6,700	2.7%	9,900	3.5%
Quota Leasing	1,800	0.9%	3,900	1.6%	3,800	1.4%
Days Purchase	1,100	0.5%	2,500	1.0%	300	0.1%
Other Expenses	11,200	5.4%	12,000	4.9%	2,000	0.8%
<b>Crew Share</b>	<b>53,800</b>	<b>26.1%</b>	<b>67,500</b>	<b>27.4%</b>	<b>66,500</b>	<b>23.8%</b>
<b>Total Fishing Expenses</b>	<b>127,200</b>	<b>61.8%</b>	<b>165,000</b>	<b>67.0%</b>	<b>164,500</b>	<b>58.9%</b>
<b>Vessel Owner Expenses</b>						
Insurance	11,900	5.8%	13,300	5.4%	12,900	4.6%
Repairs	22,500	10.9%	19,500	7.9%	23,000	8.2%
Gear	5,700	2.8%	6,200	2.5%	11,400	4.1%
Hire and Maintenance	4,200	2.0%	4,600	1.9%	8,900	3.2%
Other Vessel Owner Expenses	5,500	2.7%	16,900	6.9%	8,700	3.1%
<b>Total Vessel Owner Expenses</b>	<b>45,400</b>	<b>22.0%</b>	<b>50,500</b>	<b>20.5%</b>	<b>62,200</b>	<b>22.3%</b>
<b>Total Expenses</b>	<b>166,700</b>	<b>81.0%</b>	<b>201,800</b>	<b>81.9%</b>	<b>226,700</b>	<b>81.1%</b>
<b>Profit *</b>	<b>38,700</b>	<b>18.8%</b>	<b>42,700</b>	<b>17.3%</b>	<b>52,900</b>	<b>18.9%</b>
Depreciation	19,200	9.3%	22,000	8.9%	2,900	1.0%
Interest	6,100	3.0%	6,600	2.7%	2,300	0.8%
<b>Net Profit **</b>	<b>16,400</b>	<b>8.0%</b>	<b>19,100</b>	<b>7.8%</b>	<b>47,700</b>	<b>17.1%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	22,500	19,500	23,000
Repair cost per day at sea (£)	115	111	151
Annual gear cost (£)	5,700	6,200	11,400
Gear cost per day at sea (£)	29	35	75
Annual hire and maintenance cost (£)	4,200	4,600	8,900
Hire and maintenance cost per day at sea (£)	21	26	58

	No of cases 2006		
Average figures for:	2005	2006	
Vessel insurance value (£)	407,123	322,600	
Licence value (£)	n/a	119,100	
FQA value (£)	n/a	215,000	
Profit (£)	42,700	52,900	
Return on tangible fixed assets (%)	14.7%	18.1%	31
Return on fixed assets (%)	n/a	8.8%	31

North Sea nephrops  
twin-rig trawl over 10m

Vessels in the North Sea nephrops twin-rig trawl over 10m segment fish from a number of ports in the north east of England and Scotland, including North Shields, Eyemouth, Peterhead and Fraserburgh. These vessels spent an average of 184 days at sea in 2006 fishing almost exclusively for nephrops, as shown in figure 3.13.1.

Figure 3.13.1: Segment catch composition in 2006

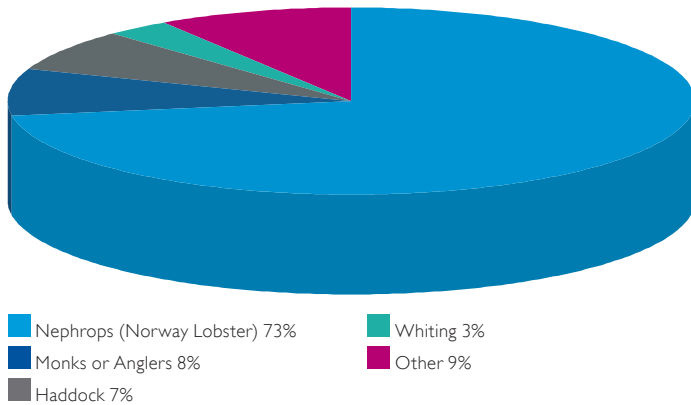


Figure 3.13.2: Total fishing expenses in 2006

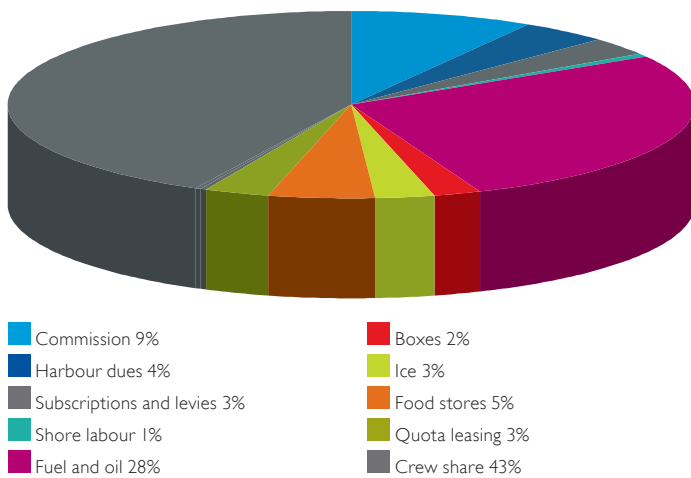
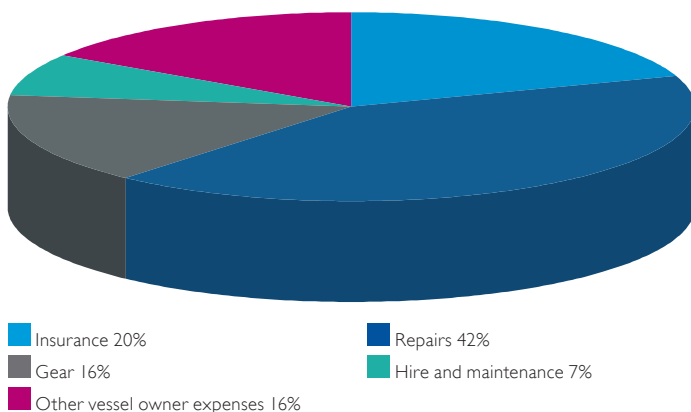


Figure 3.13.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	53	55	54
Total Power (kW)	19,657	20,413	19,491
Total VCU	15,929	16,441	15,659
Total GT	6,918	7,251	6,880
Total Days at sea	11,583	11,417	9,726
Total Volume of Landings (live weight tonnes)	10,873	11,737	10,842
Total Value of Landings (£m)	16.9	21.2	23.4

All vessels in segment		Survey sample vessels (Number of cases: 21)	
Length (m)	20	Length (m)	20
Power (kW)	368	Power (kW)	386
VCU	295	VCU	309
Registered Tonnage (GT)	130	Registered Tonnage (GT)	139
Days at sea	184	Days at sea	178
Volume of Landings (T)	205	Volume of Landings (T)	195
Value of Landings (£)	442,200	Value of Landings (£)	433,629
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	20	Vessel age (years)	21

	2004	2005	2006
Fishing Income (£)	318,900	385,400	442,200
Fishing Income per:			
day (£)	1,436	1,853	2,410
VCU (£)	1,052	1,289	1,497
trip (£)	3,288	3,973	13,718
crew member (£)	63,780	77,080	81,458

	2004	2005	2006
Average cost (£)	50,400	65,300	69,200
Cost per trip (£)	520	673	2,147
Cost per day at sea (£)	227	314	377

	2004	2005	2006
Annual cost (£)	83,200	101,900	106,500
Cost per trip (£)	858	1,051	3,304
Cost per day at sea (£)	375	490	580
Cost per man (£)	16,640	20,400	19,618

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	334,500	100.0%	404,400	100.0%	447,700	100.0%
Fishing Income	318,900	95.3%	385,400	95.3%	442,200	98.8%
Non-Fishing Income	17,000	5.1%	18,900	4.7%	5,500	1.2%
<b>Fishing Expenses</b>						
Commission	15,800	4.7%	19,800	4.9%	21,400	4.8%
Harbour Dues	12,200	3.6%	15,300	3.8%	10,800	2.4%
Subscriptions and Levies	4,300	1.3%	5,000	1.2%	7,200	1.6%
Shore Labour	200	0.1%	8,300	2.1%	1,300	0.3%
Fuel and Oil	50,400	15.1%	65,300	16.1%	69,200	15.5%
Boxes	2,900	0.9%	3,000	0.7%	5,700	1.3%
Ice	4,000	1.2%	4,200	1.0%	7,000	1.6%
Crew Travel	0	0.0%	0	0.0%	0	0.0%
Food Stores	12,300	3.7%	12,700	3.1%	12,300	2.7%
Quota Leasing	3,600	1.1%	5,000	1.2%	7,800	1.7%
Days Purchase	2,200	0.7%	5,000	1.2%	300	0.1%
Other Expenses	18,500	5.5%	10,100	2.5%	700	0.2%
<b>Crew Share</b>	<b>83,200</b>	<b>24.9%</b>	<b>101,900</b>	<b>25.2%</b>	<b>106,500</b>	<b>23.8%</b>
<b>Total Fishing Expenses</b>	<b>202,700</b>	<b>60.6%</b>	<b>225,500</b>	<b>63.2%</b>	<b>250,300</b>	<b>55.9%</b>
<b>Vessel Owner Expenses</b>						
Insurance	21,200	6.3%	20,800	5.1%	16,000	3.6%
Repairs	37,300	11.1%	33,900	8.4%	33,600	7.5%
Gear	10,400	3.1%	10,000	2.5%	12,700	2.8%
Hire and Maintenance	6,900	2.1%	6,000	1.5%	5,900	1.3%
Other Vessel Owner Expenses	5,200	1.6%	4,500	1.1%	12,700	2.8%
<b>Total Vessel Owner Expenses</b>	<b>75,300</b>	<b>22.5%</b>	<b>70,800</b>	<b>17.5%</b>	<b>80,900</b>	<b>18.1%</b>
<b>Total Expenses</b>	<b>278,000</b>	<b>83.1%</b>	<b>316,900</b>	<b>78.4%</b>	<b>331,200</b>	<b>74.0%</b>
<b>Profit *</b>	<b>56,500</b>	<b>16.9%</b>	<b>87,500</b>	<b>21.6%</b>	<b>116,500</b>	<b>26.0%</b>
Depreciation	26,900	8.0%	28,400	7.0%	26,900	6.0%
Interest	15,000	4.5%	16,800	4.2%	19,400	4.3%
<b>Net Profit **</b>	<b>20,400</b>	<b>6.1%</b>	<b>47,400</b>	<b>11.7%</b>	<b>70,200</b>	<b>15.7%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	37,300	33,900	33,600
Repair cost per day at sea (£)	168	163	183
Annual gear cost (£)	10,400	10,000	12,700
Gear cost per day at sea (£)	47	48	69
Annual hire and maintenance cost (£)	6,900	6,000	5,900
Hire and maintenance cost per day at sea (£)	31	29	32

	2006	No of cases 2006
Average figures for:		
Vessel insurance value (£)	479,200	
Licence value (£)	150,000	
FQA value (£)	217,500	
Profit (£)	116,500	
Return on tangible fixed assets (%)	55.6%	14
Return on fixed assets (%)	13.7%	14



# North Sea and West of Scotland demersal trawl over 24m

The North Sea and West of Scotland demersal trawl over 24m segment is based predominately in the north east of Scotland, fishing out of ports such as Peterhead, Fraserburgh and Lerwick. Vessels in this segment spent on average 235 days at sea in 2006 and target species such as haddock, monkfish and cod (see figure 3.14.1).

Figure 3.14.1: Segment catch composition in 2006

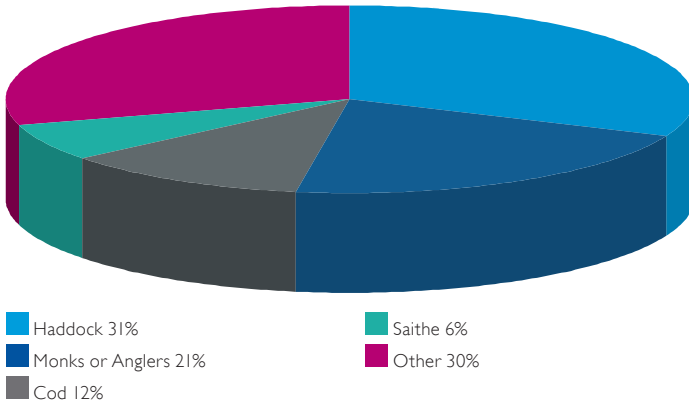


Figure 3.14.2: Total fishing expenses in 2006

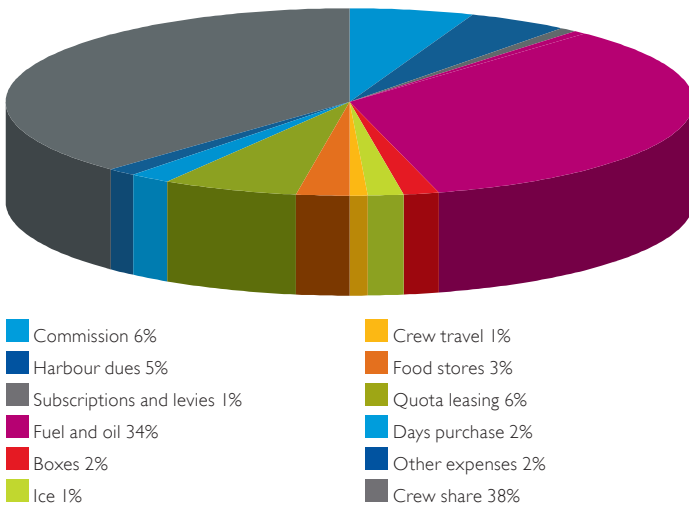
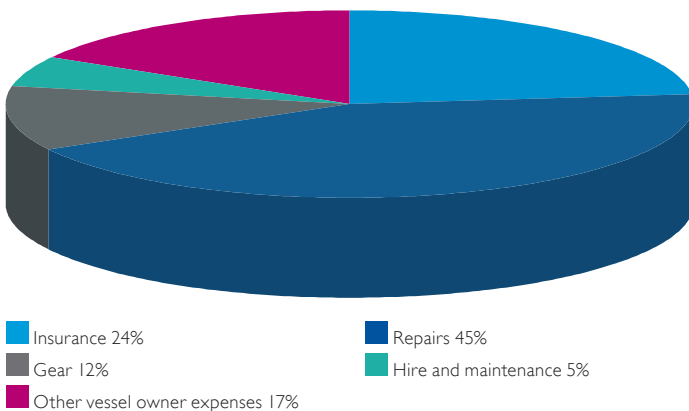


Figure 3.14.3: Total owners expenses in 2006



	2004	2005	2006
Number of Active Vessels	39	37	43
Total Power (kW)	33,247	30,814	45,269
Total VCU	24,921	23,229	33,256
Total GT	13,863	13,098	21,088
Total Days at sea	10,966	9,438	9,650
Total Volume of Landings (live weight tonnes)	29,610	29,379	57,684
Total Value of Landings (£m)	33.3	35.2	53.2

All vessels in segment		Survey sample vessels (Number of cases: 22)	
Length (m)	33	Length (m)	30
Power (kW)	1,053	Power (kW)	913
VCU	773	VCU	667
Registered Tonnage (GT)	490	Registered Tonnage (GT)	383
Days at sea	235	Days at sea	259
Volume of Landings (T)	1,407	Volume of Landings (T)	932
Value of Landings (£)	1,298,100	Value of Landings (£)	1,352,770
Crew Size (full time)	n/a	Crew Size (full time)	8
Vessel age (years)	15	Vessel age (years)	12

	2004	2005	2006
Fishing Income (£)	853,500	952,000	1,298,100
Fishing Income per:			
day (£)	3,037	3,918	5,515
VCU (£)	1,336	1,502	1,678
trip (£)	27,532	30,710	37,155
crew member (£)	106,688	119,000	163,971

	2004	2005	2006
Average cost (£)	158,600	212,200	330,600
Cost per trip (£)	5,116	6,845	9,463
Cost per day at sea (£)	564	873	1,405

	2004	2005	2006
Annual cost (£)	222,600	230,300	367,100
Cost per trip (£)	7,181	7,429	10,507
Cost per day at sea (£)	792	948	1,560
Cost per man (£)	27,825	29,500	46,371

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	904,000	100.0%	1,019,500	100.0%	1,317,200	100.0%
Fishing Income	853,500	94.4%	952,000	93.4%	1,298,100	98.5%
Non-Fishing Income	53,300	5.9%	67,500	6.6%	19,100	1.5%
Fishing Expenses						
Commission	42,100	4.7%	46,800	4.6%	57,100	4.3%
Harbour Dues	35,700	3.9%	38,900	3.8%	44,500	3.4%
Subscriptions and Levies	9,700	1.1%	10,700	1.0%	9,800	0.7%
Shore Labour	8,100	0.9%	11,000	1.1%	4,000	0.3%
Fuel and Oil	158,600	17.5%	212,200	20.8%	330,600	25.1%
Boxes	7,200	0.8%	10,700	1.0%	16,800	1.3%
Ice	9,700	1.1%	12,700	1.2%	14,300	1.1%
Crew Travel	15,100	1.7%	4,500	0.4%	8,900	0.7%
Food Stores	19,800	2.2%	23,100	2.3%	25,600	1.9%
Quota Leasing	33,200	3.7%	36,400	3.6%	61,800	4.7%
Days Purchase	4,600	0.5%	11,300	1.1%	17,300	1.3%
Other Expenses	26,400	2.9%	33,200	3.3%	14,900	1.1%
Crew Share	222,600	24.6%	230,300	22.6%	367,100	27.9%
Total Fishing Expenses	559,600	61.9%	681,800	66.9%	965,800	73.3%
Vessel Owner Expenses						
Insurance	37,200	4.1%	43,300	4.2%	44,700	3.4%
Repairs	97,900	10.8%	100,400	9.8%	84,100	6.4%
Gear	47,200	5.2%	49,800	4.9%	21,700	1.6%
Hire and Maintenance	9,600	1.1%	9,900	1.0%	9,700	0.7%
Other Vessel Owner Expenses	15,900	1.8%	11,900	1.2%	32,300	2.5%
Total Vessel Owner Expenses	190,300	21.1%	197,300	19.4%	188,200	14.3%
Total Expenses	763,100	84.4%	848,000	83.2%	1,153,900	87.6%
Profit *	154,000	17.0%	167,500	16.4%	163,300	12.4%
Depreciation	71,700	7.9%	82,600	8.1%	29,400	2.2%
Interest	38,100	4.2%	43,000	4.2%	23,500	1.8%
Net Profit **	48,000	5.3%	46,800	4.6%	110,400	8.4%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	97,900	100,400	84,100
Repair cost per day at sea (£)	348	413	357
Annual gear cost (£)	47,200	49,800	21,700
Gear cost per day at sea (£)	168	205	92
Annual hire and maintenance cost (£)	9,600	9,900	9,700
Hire and maintenance cost per day at sea (£)	34	41	41

	No of cases 2006		
Average figures for:	2005	2006	
Vessel insurance value (£)	1,395,833	1,400,000	
Licence value (£)	n/a	390,000	
FQA value (£)	n/a	706,400	
Profit (£)	167,500	163,300	
Return on tangible fixed assets (%)	16.6%	33.9%	14
Return on fixed assets (%)	n/a	20.7%	14

North Sea and West of  
Scotland demersal pair  
seine/trawl over 10m

The vessels in the North Sea and West of Scotland demersal pair seine/trawl over 10m segment are based along the main east coast ports of Fraserburgh, Peterhead, Eyemouth and Scarborough. In 2006 these vessels spent on average 181 days at sea and target species such as haddock, cod and whiting, as shown in figure 3.15.1.

Figure 3.15.1: Segment catch composition in 2006

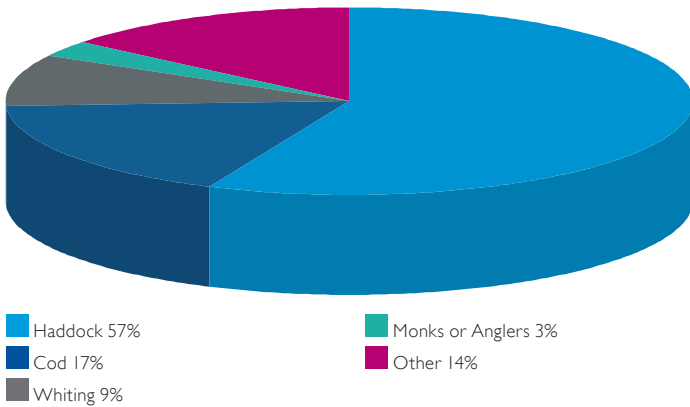


Figure 3.15.2: Total fishing expenses in 2006

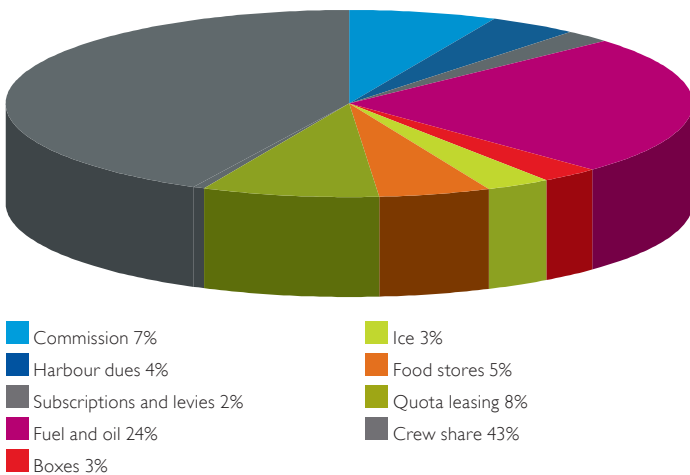
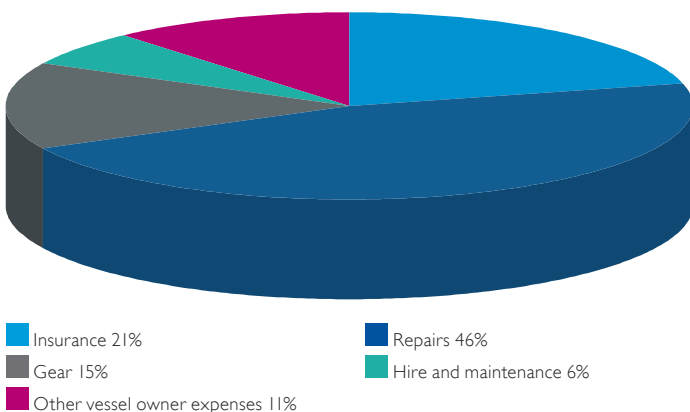


Figure 3.15.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	46	48	47
Total Power (kW)	20,220	21,033	20,723
Total VCU	16,561	17,156	16,894
Total GT	7,869	8,130	8,010
Total Days at sea	9,398	9,094	8,522
Total Volume of Landings (live weight tonnes)	21,506	24,787	21,988
Total Value of Landings (£m)	21.7	24.7	28.6

All vessels in segment		Survey sample vessels (Number of cases: 24)	
Length (m)	23	Length (m)	24
Power (kW)	441	Power (kW)	474
VCU	359	VCU	385
Registered Tonnage (GT)	170	Registered Tonnage (GT)	187
Days at sea	181	Days at sea	182
Volume of Landings (T)	468	Volume of Landings (T)	503
Value of Landings (£)	608,500	Value of Landings (£)	657,911
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	21	Vessel age (years)	21

	2004	2005	2006
Fishing Income (£)	471,100	514,200	608,500
Fishing Income per:			
day (£)	2,309	2,721	3,356
VCU (£)	1,309	1,440	1,693
trip (£)	12,732	13,897	22,022
crew member (£)	78,517	85,700	111,311

	2004	2005	2006
Average cost (£)	62,300	69,800	83,500
Cost per trip (£)	1,684	1,886	3,022
Cost per day at sea (£)	305	369	461

	2004	2005	2006
Annual cost (£)	138,000	144,800	147,900
Cost per trip (£)	3,730	3,914	5,353
Cost per day at sea (£)	676	766	816
Cost per man (£)	n/a	26,300	27,055

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	511,200	100.0%	542,500	100.0%	627,000	100.0%
Fishing Income	471,100	92.2%	514,200	94.8%	608,500	97.0%
Non-Fishing Income	41,600	8.1%	28,300	5.2%	18,400	2.9%
<b>Fishing Expenses</b>						
Commission	24,600	4.8%	26,000	4.8%	24,100	3.8%
Harbour Dues	21,000	4.1%	21,300	3.9%	15,800	2.5%
Subscriptions and Levies	5,500	1.1%	6,000	1.1%	7,800	1.2%
Shore Labour	1,100	0.2%	3,100	0.6%	0	0.0%
Fuel and Oil	62,300	12.2%	69,800	12.9%	83,500	13.3%
Boxes	8,000	1.6%	7,500	1.4%	9,000	1.4%
Ice	6,700	1.5%	7,500	1.4%	9,700	1.5%
Crew Travel	0	0.0%	2,000	0.4%	100	0.0%
Food Stores	19,800	3.9%	18,700	3.4%	18,800	3.0%
Quota Leasing	24,800	4.9%	26,200	4.8%	28,700	4.6%
Days Purchase	1,300	0.3%	3,000	0.6%	500	0.1%
Other Expenses	30,300	5.9%	35,100	6.5%	1,000	0.2%
<b>Crew Share</b>	<b>138,000</b>	<b>27.0%</b>	<b>144,800</b>	<b>26.7%</b>	<b>147,900</b>	<b>23.6%</b>
<b>Total Fishing Expenses</b>	<b>339,400</b>	<b>66.4%</b>	<b>371,000</b>	<b>67.7%</b>	<b>346,800</b>	<b>55.3%</b>
<b>Vessel Owner Expenses</b>						
Insurance	33,900	6.6%	27,200	5.0%	28,200	4.5%
Repairs	52,600	10.3%	54,500	10.0%	61,300	9.8%
Gear	14,100	2.8%	12,400	2.3%	20,100	3.2%
Hire and Maintenance	11,700	2.3%	11,100	2.0%	8,200	1.3%
Other Vessel Owner Expenses	9,400	1.8%	5,200	1.0%	15,000	2.4%
<b>Total Vessel Owner Expenses</b>	<b>113,500</b>	<b>22.2%</b>	<b>105,300</b>	<b>19.4%</b>	<b>132,700</b>	<b>21.2%</b>
<b>Total Expenses</b>	<b>447,600</b>	<b>87.6%</b>	<b>458,300</b>	<b>84.5%</b>	<b>479,500</b>	<b>76.5%</b>
<b>Profit *</b>	<b>80,100</b>	<b>15.7%</b>	<b>83,200</b>	<b>15.3%</b>	<b>147,500</b>	<b>23.5%</b>
Depreciation	33,500	6.6%	38,600	7.1%	27,900	4.4%
Interest	29,800	5.8%	30,000	5.5%	24,100	3.8%
<b>Net Profit **</b>	<b>36,000</b>	<b>7.0%</b>	<b>36,200</b>	<b>6.7%</b>	<b>95,500</b>	<b>15.2%</b>

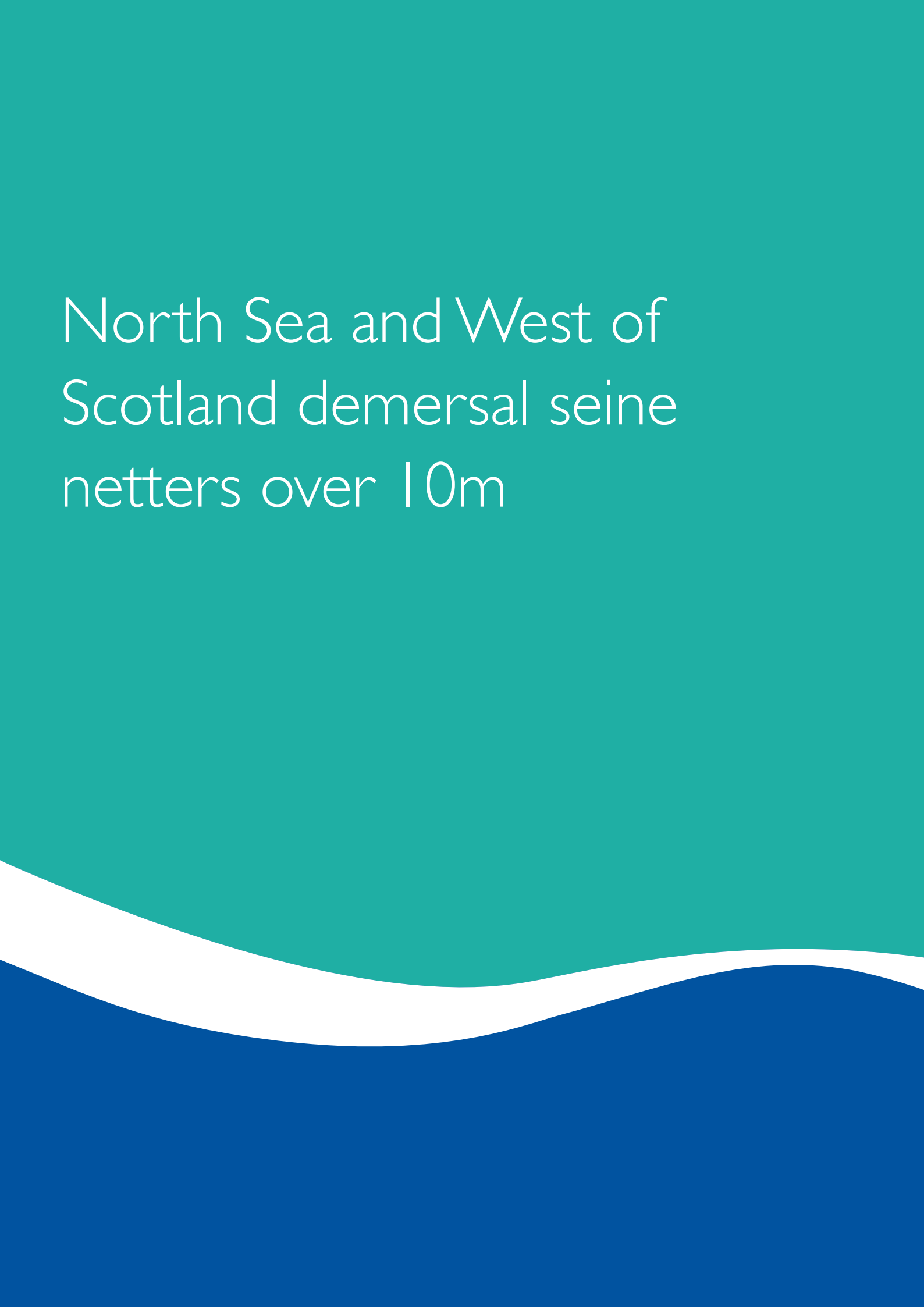
\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	52,600	54,500	61,300
Repair cost per day at sea (£)	258	288	338
Annual gear cost (£)	14,100	12,400	20,100
Gear cost per day at sea (£)	69	66	111
Annual hire and maintenance cost (£)	11,700	11,100	8,200
Hire and maintenance cost per day at sea (£)	57	59	45

	2005	2006	No of cases 2006
Average figures for:			
Vessel insurance value (£)	489,000	535,400	
Licence value (£)	n/a	319,300	
FQA value (£)	n/a	534,200	
Profit (£)	83,200	147,500	
Return on tangible fixed assets (%)	17.9%	19.4%	12
Return on fixed assets (%)	n/a	22.9%	12

# North Sea and West of Scotland demersal seine netters over 10m

The background of the slide is a solid teal color. At the bottom, there is a white wavy line that separates the teal area from a dark blue area. The text is white and positioned in the upper left quadrant of the teal area.

The North Sea and West of Scotland demersal seine net over 10m segment is predominately based in the north east ports of Fraserburgh and Peterhead. Vessels in this segment spent on average 157 days at sea in 2006 and target species such as haddock and cod as shown in figure 3.16.1.

Figure 3.16.1: Segment catch composition in 2006

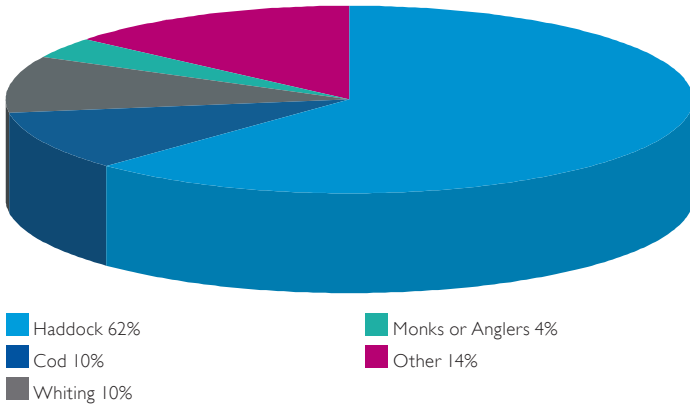


Figure 3.16.2: Total fishing expenses in 2006

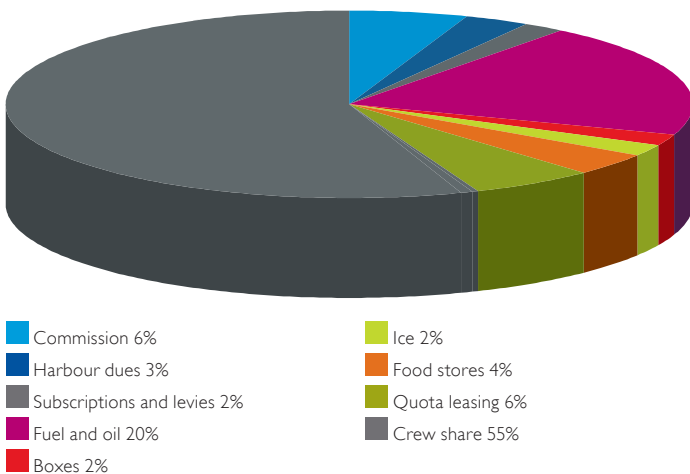
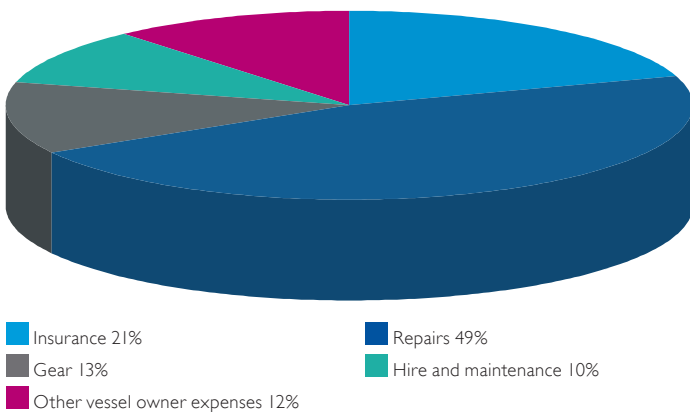


Figure 3.16.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	21	23	25
Total Power (kW)	8,305	9,106	9,351
Total VCU	6,961	7,620	7,916
Total GT	3,100	3,458	3,528
Total Days at sea	3,960	3,783	3,616
Total Volume of Landings (live weight tonnes)	11,757	12,109	9,683
Total Value of Landings (£m)	9.1	10.8	11.7

All vessels in segment		Survey sample vessels (Number of cases: 14)	
Length (m)	22	Length (m)	24
Power (kW)	374	Power (kW)	474
VCU	317	VCU	385
Registered Tonnage (GT)	141	Registered Tonnage (GT)	187
Days at sea	157	Days at sea	182
Volume of Landings (T)	421	Volume of Landings (T)	503
Value of Landings (£)	506,900	Value of Landings (£)	657,911
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	25	Vessel age (years)	26

	2004	2005	2006
Fishing Income (£)	435,100	468,100	506,900
Fishing Income per:			
day (£)	2,302	3,121	3,224
VCU (£)	1,315	1,472	1,601
trip (£)	18,917	20,352	11,110
crew member (£)	62,157	66,871	92,726

	2004	2005	2006
Average cost (£)	39,600	47,700	55,700
Cost per trip (£)	1,722	2,074	1,221
Cost per day at sea (£)	210	318	354

	2004	2005	2006
Annual cost (£)	130,500	144,200	156,600
Cost per trip (£)	5,674	6,270	3,433
Cost per day at sea (£)	690	961	996
Cost per man (£)	18,643	20,600	28,646



Table 3.16.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	484,600	100.0%	521,500	100.0%	536,100	100.0%
Fishing Income	435,100	89.8%	468,100	89.8%	506,900	94.6%
Non-Fishing Income	49,500	10.2%	53,400	10.3%	29,200	5.4%
Fishing Expenses						
Commission	22,100	4.6%	24,300	4.7%	15,700	2.9%
Harbour Dues	16,700	3.4%	19,500	3.7%	8,600	1.6%
Subscriptions and Levies	5,400	1.1%	8,100	1.6%	5,200	1.0%
Shore Labour	2,900	0.6%	2,900	0.6%	500	0.1%
Fuel and Oil	39,600	8.2%	47,700	9.1%	55,700	10.4%
Boxes	5,800	1.2%	6,600	1.3%	5,100	1.0%
Ice	0	0.0%	6,500	1.2%	5,500	1.0%
Crew Travel	0	0.0%	0	0.0%	0	0.0%
Food Stores	16,200	3.3%	15,200	2.9%	10,900	2.0%
Quota Leasing	22,600	4.7%	22,100	4.2%	16,500	3.1%
Days Purchase	800	0.2%	1,800	0.3%	1,000	0.2%
Other Expenses	28,500	5.9%	54,200	10.4%	1,400	0.3%
Crew Share	130,500	26.9%	144,200	27.7%	156,600	29.2%
Total Fishing Expenses	286,800	59.2%	353,000	67.7%	282,800	52.8%
Vessel Owner Expenses						
Insurance	36,500	7.5%	38,900	7.5%	20,900	3.9%
Repairs	43,800	9.0%	54,200	10.4%	48,400	9.0%
Gear	12,100	2.5%	10,900	2.1%	12,700	2.4%
Hire and Maintenance	7,900	1.6%	7,600	1.5%	10,000	1.9%
Other Vessel Owner Expenses	15,600	3.2%	18,600	3.6%	11,800	2.2%
Total Vessel Owner Expenses	104,200	21.5%	116,900	22.4%	99,200	18.5%
Total Expenses	391,000	80.7%	438,100	84.0%	382,000	71.3%
Profit *	93,600	19.3%	93,800	18.0%	154,100	28.7%
Depreciation	28,500	5.9%	28,000	5.4%	24,100	4.5%
Interest	17,200	3.5%	24,700	4.7%	13,400	2.5%
Net Profit **	67,900	14.0%	64,300	12.3%	116,600	21.7%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.16.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	43,800	54,200	48,400
Repair cost per day at sea (£)	232	361	308
Annual gear cost (£)	12,100	10,900	12,700
Gear cost per day at sea (£)	64	73	81
Annual hire and maintenance cost (£)	7,900	7,600	10,000
Hire and maintenance cost per day at sea (£)	42	51	64

North Sea and West of  
Scotland demersal twin-rig  
trawl over 10m

Vessels in the North Sea and West of Scotland demersal twin-rig trawl over 10m segment fish mainly from ports in the north east of Scotland, such as Peterhead and the east coast of England. In 2006 they spent on average 179 days at sea targeting species such as monkfish, haddock and cod (see figure 3.17.1).

Figure 3.17.1: Segment catch composition in 2006

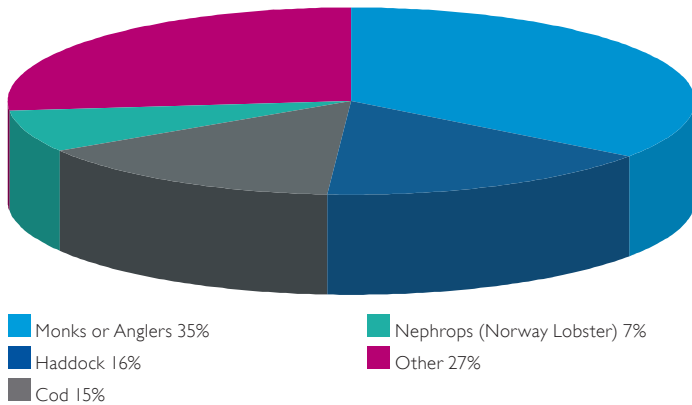


Figure 3.17.2: Total fishing expenses in 2006

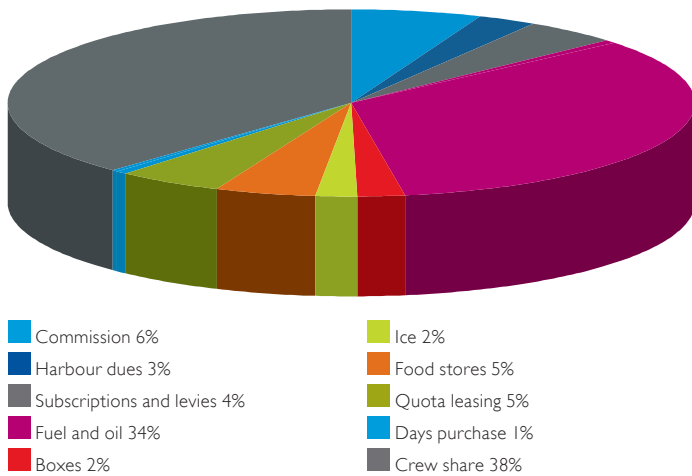
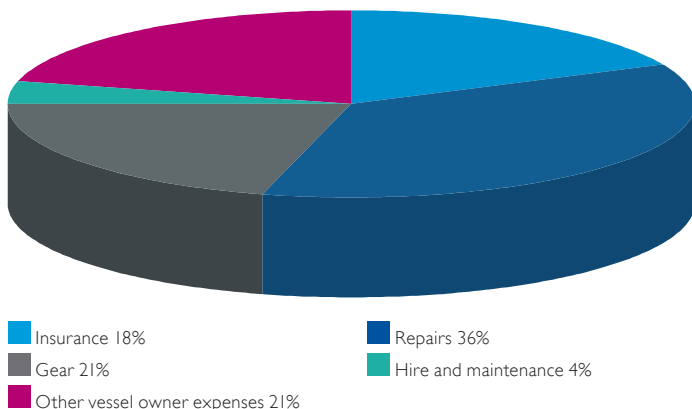


Figure 3.17.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	19	19	22
Total Power (kW)	10,949	10,721	11,366
Total VCU	8,120	7,932	8,476
Total GT	4,014	3,992	4,190
Total Days at sea	4,372	3,235	3,932
Total Volume of Landings (live weight tonnes)	7,729	6,217	9,206
Total Value of Landings (£m)	9.9	11.5	14.2

All vessels in segment		Survey sample vessels (Number of cases: 6)	
Length (m)	21	Length (m)	22
Power (kW)	517	Power (kW)	610
VCU	385	VCU	443
Registered Tonnage (GT)	190	Registered Tonnage (GT)	222
Days at sea	179	Days at sea	209
Volume of Landings (T)	418	Volume of Landings (T)	454
Value of Landings (£)	646,300	Value of Landings (£)	787,316
Crew Size (full time)	n/a	Crew Size (full time)	6
Vessel age (years)	13	Vessel age (years)	11

	2004	2005	2006
Fishing Income (£)	521,500	549,700	646,300
Fishing Income per:			
day (£)	2,507	3,234	3,616
VCU (£)	1,348	1,318	1,678
trip (£)	10,865	11,452	23,082
crew member (£)	86,917	91,617	107,717

	2004	2005	2006
Average cost (£)	106,600	131,200	149,800
Cost per trip (£)	2,221	2,733	5,350
Cost per day at sea (£)	513	772	838

	2004	2005	2006
Annual cost (£)	127,600	127,900	168,700
Cost per trip (£)	2,658	2,665	6,025
Cost per day at sea (£)	613	752	944
Cost per man (£)	21,267	21,316	28,117

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	542,800	100.0%	575,000	100.0%	655,200	100.0%
Fishing Income	521,500	96.1%	549,700	95.6%	646,300	98.6%
Non-Fishing Income	29,800	5.5%	25,200	4.4%	8,900	1.4%
Fishing Expenses						
Commission	25,900	4.8%	27,200	4.7%	27,700	4.2%
Harbour Dues	23,800	4.4%	21,600	3.8%	22,100	3.4%
Subscriptions and Levies	6,400	1.2%	8,600	1.5%	9,800	1.4%
Shore Labour	3,900	0.7%	6,500	1.1%	1,900	0.3%
Fuel and Oil	106,600	19.6%	131,200	22.8%	149,800	22.9%
Boxes	6,400	1.2%	7,300	1.3%	9,500	1.4%
Ice	7,300	1.3%	8,300	1.4%	9,700	1.5%
Crew Travel	6,700	1.2%	0	0.0%	0	0.0%
Food Stores	18,200	3.4%	17,500	3.0%	20,500	3.1%
Quota Leasing	9,700	1.8%	20,600	3.6%	22,900	3.5%
Days Purchase	1,300	0.2%	2,900	0.5%	2,500	0.4%
Other Expenses	20,900	3.9%	26,000	4.5%	200	0.0%
Crew Share	127,600	23.5%	127,900	22.2%	168,700	25.7%
Total Fishing Expenses	343,400	63.3%	405,496	70.5%	445,200	67.9%
Vessel Owner Expenses						
Insurance	26,300	4.8%	28,800	5.0%	32,900	5.0%
Repairs	55,300	10.2%	56,700	9.9%	65,200	10.0%
Gear	31,900	5.9%	29,300	5.1%	37,800	5.8%
Hire and Maintenance	7,500	1.4%	7,100	1.2%	6,700	1.0%
Other Vessel Owner Expenses	3,100	0.6%	4,900	0.9%	38,300	5.8%
Total Vessel Owner Expenses	121,600	22.4%	123,400	21.5%	181,000	27.6%
Total Expenses	465,000	85.7%	505,600	87.9%	626,200	95.6%
Profit *	77,600	14.3%	61,600	10.7%	29,000	4.4%
Depreciation	84,600	15.6%	88,100	15.3%	25,400	3.9%
Interest	41,400	7.6%	53,400	9.3%	18,000	2.7%
Net Profit **	-21,300	-3.9%	-48,700	-8.5%	-14,500	-2.2%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	55,300	56,700	65,200
Repair cost per day at sea (£)	266	334	365
Annual gear cost (£)	31,900	29,300	37,800
Gear cost per day at sea (£)	153	172	211
Annual hire and maintenance cost (£)	7,500	7,100	6,700
Hire and maintenance cost per day at sea (£)	36	42	37

	2005	2006	No of cases 2006
Average figures for:			
Vessel insurance value (£)	780,000	927,600	
Licence value (£)	n/a	144,000	
FQA value (£)	n/a	380,700	
Profit (£)	61,600	29,000	
Return on tangible fixed assets (%)	12.9%	25.3%	7
Return on fixed assets (%)	n/a	0.6%	7

North Sea and West  
of Scotland demersal single-rig  
trawl under 24m, over 300kW

The North Sea and West of Scotland demersal single-rig trawl under 24m, over 300kW segment is based in the main north east ports in England and Scotland. This segment operates mainly out of Lerwick, Fraserburgh, Peterhead, Whitby and Scarborough. Vessels in this segment spent on average 178 days at sea in 2006.

Figure 3.18.1: Segment catch composition in 2006

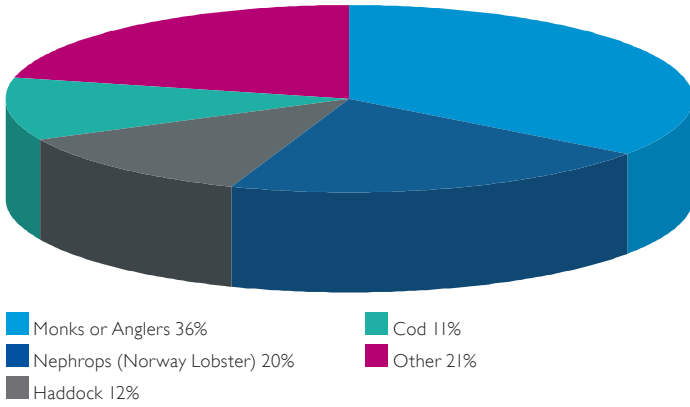


Figure 3.18.2: Total fishing expenses in 2006

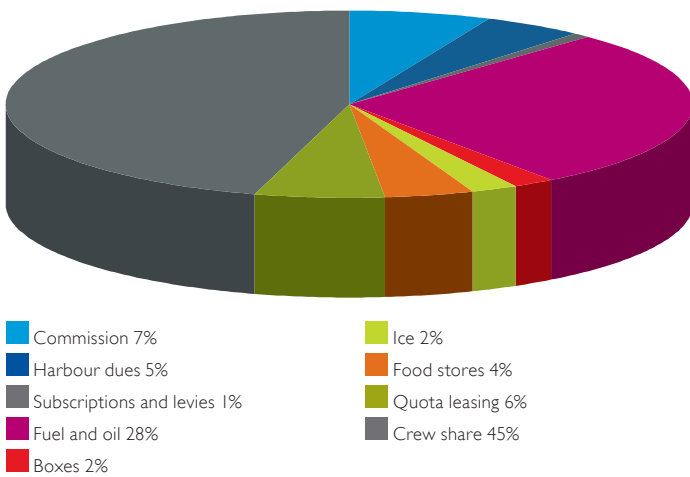
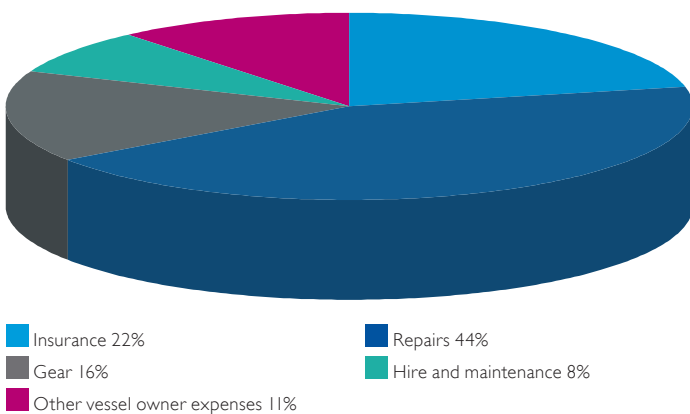


Figure 3.18.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	23	22	23
Total Power (kW)	9,932	9,533	10,014
Total VCU	7,812	7,491	7,841
Total GT	3,619	3,475	3,620
Total Days at sea	4,926	4,447	4,089
Total Volume of Landings (live weight tonnes)	5,846	6,138	6,363
Total Value of Landings (£m)	7.9	9.6	12.0

All vessels in segment		Survey sample vessels (Number of cases: 11)	
Length (m)	21	Length (m)	21
Power (kW)	435	Power (kW)	491
VCU	341	VCU	372
Registered Tonnage (GT)	157	Registered Tonnage (GT)	166
Days at sea	178	Days at sea	182
Volume of Landings (T)	277	Volume of Landings (T)	300
Value of Landings (£)	521,600	Value of Landings (£)	599,269
Crew Size (full time)	n/a	Crew Size (full time)	6
Vessel age (years)	16	Vessel age (years)	17

	2004	2005	2006
Fishing Income (£)	343,700	438,400	521,600
Fishing Income per:			
day (£)	1,606	2,170	2,934
VCU (£)	1,011	1,286	1,530
trip (£)	12,730	16,237	15,570
crew member (£)	57,283	73,067	89,054

	2004	2005	2006
Average cost (£)	50,200	74,700	80,300
Cost per trip (£)	1,859	2,767	2,397
Cost per day at sea (£)	235	370	452

	2004	2005	2006
Annual cost (£)	104,200	126,900	131,800
Cost per trip (£)	3,859	4,700	3,934
Cost per day at sea (£)	487	628	741
Cost per man (£)	17,367	21,150	22,502

Table 3.18.3 Comparison of 2004, 2005 and 2006 average costs and earnings

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	371,300	100.0%	460,600	100.0%	541,800	100.0%
Fishing Income	343,700	92.6%	438,400	95.2%	521,600	96.3%
Non-Fishing Income	31,100	8.4%	22,100	4.8%	20,300	3.7%
<b>Fishing Expenses</b>						
Commission	16,600	4.5%	21,400	4.6%	19,200	3.5%
Harbour Dues	14,200	3.8%	17,500	3.8%	13,900	2.6%
Subscriptions and Levies	3,900	1.1%	5,300	1.2%	2,000	0.4%
Shore Labour	2,200	0.6%	3,100	0.7%	600	0.1%
Fuel and Oil	50,200	13.5%	74,700	16.2%	80,300	14.8%
Boxes	3,300	0.9%	5,100	1.1%	5,900	1.1%
Ice	4,500	1.2%	6,200	1.3%	6,100	1.1%
Crew Travel	0	0.0%	0	0.0%	0	0.0%
Food Stores	13,500	3.6%	15,600	3.4%	12,300	2.3%
Quota Leasing	8,300	2.2%	9,900	2.1%	17,600	3.2%
Days Purchase	1,800	0.5%	4,400	1.0%	0	0.0%
Other Expenses	15,400	4.1%	18,900	4.1%	400	0.1%
<b>Crew Share</b>	<b>104,200</b>	<b>28.1%</b>	<b>126,900</b>	<b>27.6%</b>	<b>131,800</b>	<b>24.3%</b>
<b>Total Fishing Expenses</b>	<b>234,400</b>	<b>62.1%</b>	<b>308,900</b>	<b>67.1%</b>	<b>289,900</b>	<b>53.5%</b>
<b>Vessel Owner Expenses</b>						
Insurance	22,200	6.0%	29,100	6.3%	29,600	5.5%
Repairs	37,600	10.1%	41,600	9.0%	59,300	10.9%
Gear	14,100	3.8%	16,200	3.5%	21,500	4.0%
Hire and Maintenance	8,600	2.3%	8,700	1.9%	10,500	1.9%
Other Vessel Owner Expenses	12,700	3.4%	16,100	3.5%	15,300	2.8%
<b>Total Vessel Owner Expenses</b>	<b>84,400</b>	<b>22.7%</b>	<b>98,100</b>	<b>21.3%</b>	<b>136,200</b>	<b>25.1%</b>
<b>Total Expenses</b>	<b>314,700</b>	<b>84.8%</b>	<b>395,700</b>	<b>85.9%</b>	<b>426,100</b>	<b>78.6%</b>
<b>Profit *</b>	<b>56,600</b>	<b>15.2%</b>	<b>62,400</b>	<b>13.5%</b>	<b>115,700</b>	<b>21.4%</b>
Depreciation	30,000	8.1%	33,500	7.3%	17,400	3.2%
Interest	4,200	1.1%	9,600	2.1%	8,800	1.6%
<b>Net Profit **</b>	<b>26,700</b>	<b>7.2%</b>	<b>25,200</b>	<b>5.5%</b>	<b>89,600</b>	<b>16.5%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.18.7 Average repair, gear and equipment costs

	2004	2005	2006
Annual repair cost (£)	37,600	41,600	59,300
Repair cost per day at sea (£)	176	206	334
Annual gear cost (£)	14,100	16,200	21,500
Gear cost per day at sea (£)	66	80	121
Annual hire and maintenance cost (£)	8,600	8,700	10,500
Hire and maintenance cost per day at sea (£)	40	43	59

Table 3.18.8 Return on fixed assets

	2006	No of cases 2006
Average figures for:		
Vessel insurance value (£)	790,000	
Licence value (£)	165,000	
FQA value (£)	450,000	
Profit (£)	115,700	
Return on tangible fixed assets (%)	14.5%	9
Return on fixed assets (%)	8.3%	9

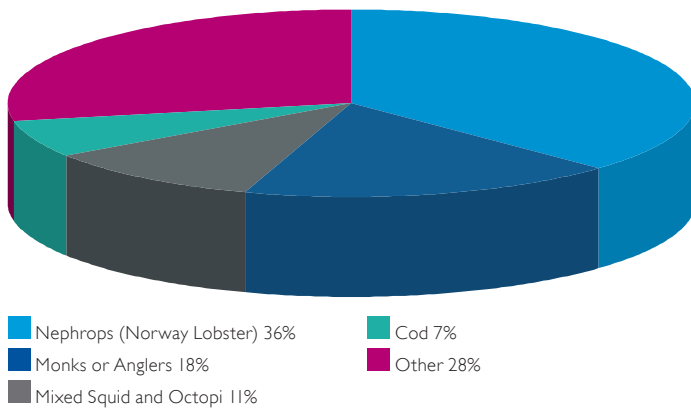
North Sea and West  
of Scotland demersal trawl  
under 24m, under 300kW



The North Sea and West of Scotland demersal single-rig trawl under 24m, under 300kW segment is based in the main north east ports in Scotland and England. There are also a small number of vessels fishing from ports in the west of Scotland. In 2006 these vessels spent on average 113 days at sea and landed a mix of shellfish and whitefish, as shown in figure 3.19.1.

Unfortunately, there was not enough financial data available from vessels in this segment to produce accurate costs, profits and capital information.

Figure 3.19.1: Segment catch composition in 2006



	2004	2005	2006
Number of Active Vessels	16	17	20
Total Power (kW)	3,502	3,594	3,656
Total VCU	3,015	3,110	3,255
Total GT	874	890	924
Total Days at sea	2,861	2,471	2,259
Total Volume of Landings (live weight tonnes)	1,934	1,639	1,782
Total Value of Landings (£m)	2.6	2.7	2.7

All vessels in segment	
Length (m)	15
Power (kW)	183
VCU	163
Registered Tonnage (GT)	46
Days at sea	113
Volume of Landings (T)	89
Value of Landings (£)	134,800
Crew Size (full time)	n/a
Vessel age (years)	30

	2004	2005	2006
Fishing Income (£)	198,000	156,500	134,800
Fishing Income per:			
day (£)	1,106	1,079	1,193
VCU (£)	1,053	855	828
trip (£)	3,882	3,068	1,155
crew member (£)	44,000	34,777	38,514

North Sea and West  
of Scotland scallop dredge  
over 10m

The North Sea and West of Scotland scallop dredge over 10m segment is based at various ports around the Scottish coastline. These vessels fish the inshore waters in Areas IV and VI on one to four day trips. In 2006 they spent on average 131 days at sea. They fish almost exclusively for scallops.

Figure 3.20.1: Segment catch composition in 2006

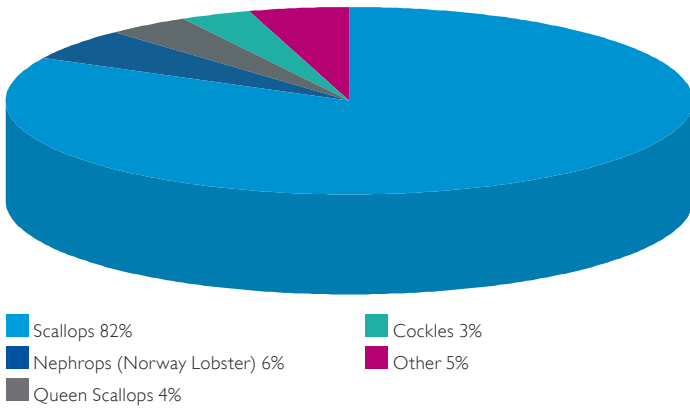


Figure 3.20.2: Total fishing expenses in 2006

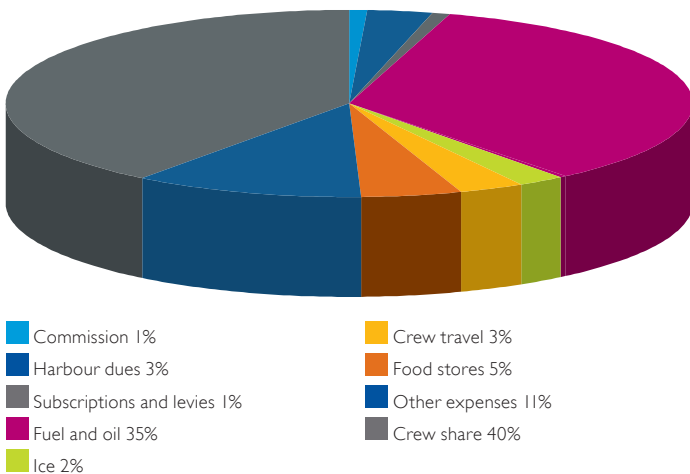
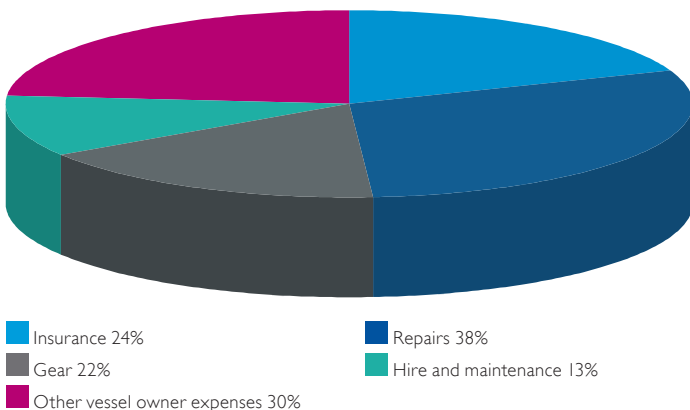


Figure 3.20.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	73	77	91
Total Power (kW)	17,138	18,000	21,428
Total VCU	14,490	15,033	17,671
Total GT	3,928	4,018	4,580
Total Days at sea	12,445	10,721	11,040
Total Volume of Landings (live weight tonnes)	10,840	10,158	10,597
Total Value of Landings (£m)	13.8	12.3	17.1

All vessels in segment		Survey sample vessels (Number of cases: 20)	
Length (m)	16	Length (m)	15
Power (kW)	235	Power (kW)	220
VCU	194	VCU	180
Registered Tonnage (GT)	50	Registered Tonnage (GT)	45
Days at sea	131	Days at sea	134
Volume of Landings (T)	125	Volume of Landings (T)	101
Value of Landings (£)	201,200	Value of Landings (£)	212,704
Crew Size (full time)	n/a	Crew Size (full time)	3
Vessel age (years)	25	Vessel age (years)	28

	2004	2005	2006
Fishing Income (£)	188,900	184,000	201,200
Fishing Income per:			
day (£)	1,111	1,157	1,531
VCU (£)	952	898	1,036
trip (£)	2,010	1,957	1,851
crew member (£)	47,225	46,000	68,832

	2004	2005	2006
Average cost (£)	20,400	26,800	39,500
Cost per trip (£)	217	285	363
Cost per day at sea (£)	120	169	301

	2004	2005	2006
Annual cost (£)	54,700	52,100	45,700
Cost per trip (£)	582	554	420
Cost per day at sea (£)	322	328	348
Cost per man (£)	10,940	10,420	15,634

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	191,800	100.0%	190,000	100.0%	206,100	100.0%
Fishing Income	188,900	98.5%	184,000	96.8%	201,200	97.6%
Non-Fishing Income	3,600	1.9%	6,000	3.2%	4,900	2.4%
Fishing Expenses						
Commission	5,100	2.7%	6,600	3.5%	900	0.4%
Harbour Dues	4,000	2.1%	4,500	2.4%	3,700	1.8%
Subscriptions and Levies	1,100	0.6%	1,100	0.6%	900	0.4%
Shore Labour	0	0.0%	2,700	1.4%	0	0.0%
Fuel and Oil	20,400	10.6%	26,800	14.1%	39,500	19.2%
Boxes	400	0.2%	500	0.3%	400	0.2%
Ice	1,000	0.5%	1,100	0.6%	2,500	1.2%
Crew Travel	3,900	2.0%	4,600	2.4%	3,500	1.7%
Food Stores	9,000	4.7%	7,900	4.2%	5,500	2.7%
Quota Leasing	n/a	n/a	n/a	n/a	100	0.0%
Days Purchase	n/a	n/a	n/a	n/a	0	0.0%
Other Expenses	5,800	3.0%	38,800	20.4%	12,400	6.0%
Crew Share	54,700	28.5%	52,100	27.4%	45,700	22.2%
Total Fishing Expenses	96,600	50.3%	146,700	77.2%	114,100	55.4%
Vessel Owner Expenses						
Insurance	8,300	4.3%	8,000	4.2%	13,400	6.5%
Repairs	25,500	13.3%	27,500	14.5%	20,900	10.1%
Gear	23,000	12.0%	21,600	11.4%	12,000	5.8%
Hire and Maintenance	2,000	1.0%	2,000	1.1%	7,400	3.6%
Other Vessel Owner Expenses	12,500	6.5%	10,800	5.7%	16,600	8.1%
Total Vessel Owner Expenses	60,300	31.4%	59,700	31.4%	55,400	26.9%
Total Expenses	156,900	81.8%	160,500	84.5%	169,500	82.2%
Profit *	42,400	22.1%	28,100	14.8%	36,600	17.8%
Depreciation	17,000	8.9%	21,300	11.2%	21,500	10.4%
Interest	2,300	1.2%	5,700	3.0%	6,900	3.3%
Net Profit **	23,600	12.3%	2,500	1.3%	8,200	4.0%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	25,500	27,500	20,900
Repair cost per day at sea (£)	150	173	159
Annual gear cost (£)	23,000	21,600	12,000
Gear cost per day at sea (£)	135	136	91
Annual hire and maintenance cost (£)	2,000	2,000	7,400
Hire and maintenance cost per day at sea (£)	12	13	56

	No of cases 2006		
Average figures for:	2005	2006	
Vessel insurance value (£)	121,000	155,900	
Licence value (£)	n/a	68,900	
FQA value (£)	n/a	40,000	
Profit (£)	28,100	36,600	
Return on tangible fixed assets (%)	50.9%	12.9%	18
Return on fixed assets (%)	n/a	16.4%	18

Potters and creelers

10-12m

Vessels in the potters and creelers 10-12m segment operate right around the UK coastline. This diverse segment of the UK fleet is important in terms of the value of landings generated and the employment it supports in many remote coastal communities, where alternative employment opportunities are limited. These vessels spent on average 149 days at sea in 2006 and target a diverse range of high value shellfish species, as shown in figure 3.21.1.

Figure 3.21.1: Segment catch composition in 2006

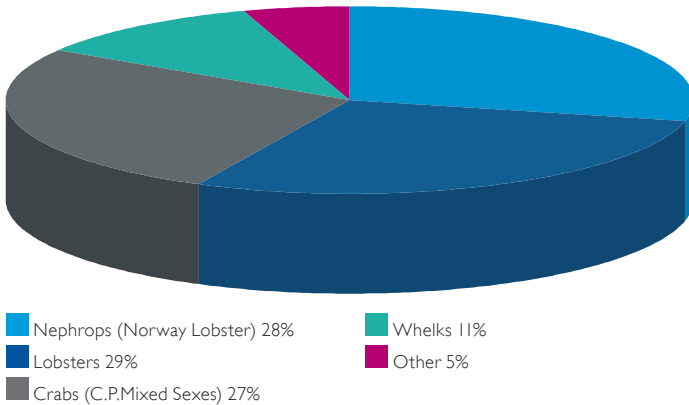


Figure 3.21.2: Total fishing expenses in 2006

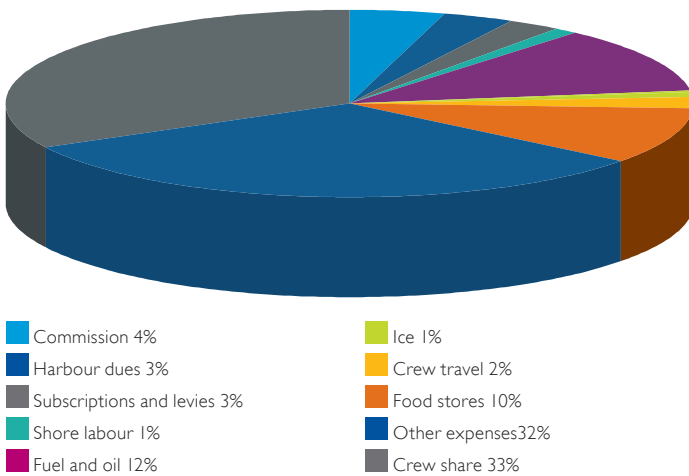
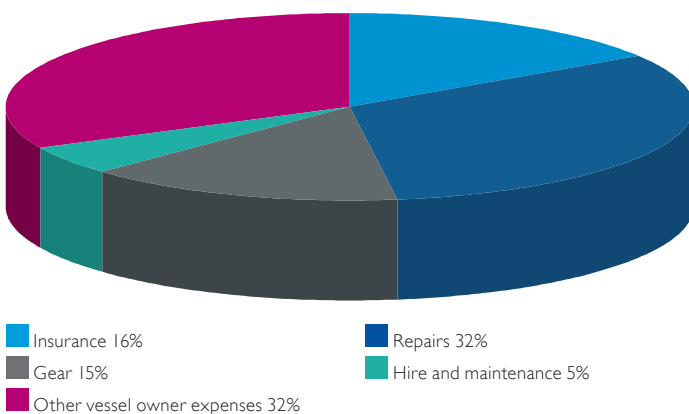


Figure 3.21.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	146	149	185
Total Power (kW)	15,850	18,257	22,442
Total VCU	13,077	14,972	18,410
Total GT	1,608	1,862	2,250
Total Days at sea	25,683	26,027	26,821
Total Volume of Landings (live weight tonnes)	6,774	8,043	7,833
Total Value of Landings (£m)	12.3	14.3	15.9

All vessels in segment		Survey sample vessels (Number of cases: 25)	
Length (m)	11	Length (m)	11
Power (kW)	121	Power (kW)	109
VCU	100	VCU	94
Registered Tonnage (GT)	12	Registered Tonnage (GT)	13
Days at sea	149	Days at sea	138
Volume of Landings (T)	44	Volume of Landings (T)	28
Value of Landings (£)	88,300	Value of Landings (£)	75,489
Crew Size (full time)	n/a	Crew Size (full time)	2
Vessel age (years)	24	Vessel age (years)	27

	2004	2005	2006
Fishing Income (£)	84,200	99,000	88,300
Fishing Income per:			
day (£)	478	566	593
VCU (£)	690	980	887
trip (£)	324	381	520
crew member (£)	42,100	49,500	37,843

	2004	2005	2006
Average cost (£)	n/a	n/a	6,400
Cost per trip (£)	n/a	n/a	38
Cost per day at sea (£)	n/a	n/a	43

	2004	2005	2006
Annual cost (£)	n/a	n/a	18,200
Cost per trip (£)	n/a	n/a	107
Cost per day at sea (£)	n/a	n/a	122
Cost per man (£)	n/a	n/a	7,800

Table 3.21.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	n/a	n/a	n/a	n/a	91,900	100.0%
Fishing Income	84,200	n/a	99,000	n/a	88,300	96.1%
Non-Fishing Income	n/a	n/a	n/a	n/a	3,700	4.0%
Fishing Expenses						
Commission	n/a	n/a	n/a	n/a	2,400	2.6%
Harbour Dues	n/a	n/a	n/a	n/a	1,900	2.1%
Subscriptions and Levies	n/a	n/a	n/a	n/a	1,400	1.5%
Shore Labour	n/a	n/a	n/a	n/a	600	0.7%
Fuel and Oil	n/a	n/a	n/a	n/a	6,400	7.0%
Boxes	n/a	n/a	n/a	n/a	100	0.1%
Ice	n/a	n/a	n/a	n/a	500	0.5%
Crew Travel	n/a	n/a	n/a	n/a	1,100	1.2%
Food Stores	n/a	n/a	n/a	n/a	5,400	5.9%
Quota Leasing	n/a	n/a	n/a	n/a	0	0.0%
Days Purchase	n/a	n/a	n/a	n/a	0	0.0%
Other Expenses	n/a	n/a	n/a	n/a	17,500	19.0%
Crew Share	n/a	n/a	n/a	n/a	18,200	19.8%
Total Fishing Expenses	n/a	n/a	n/a	n/a	55,000	59.8%
Vessel Owner Expenses						
Insurance	n/a	n/a	n/a	n/a	5,100	5.5%
Repairs	n/a	n/a	n/a	n/a	10,300	11.2%
Gear	n/a	n/a	n/a	n/a	4,900	5.3%
Hire and Maintenance	n/a	n/a	n/a	n/a	1,600	1.7%
Other Vessel Owner Expenses	n/a	n/a	n/a	n/a	10,400	11.3%
Total Vessel Owner Expenses	n/a	n/a	n/a	n/a	32,100	34.9%
Total Expenses	n/a	n/a	n/a	n/a	87,000	94.7%
Profit *	n/a	n/a	n/a	n/a	4,900	5.3%
Depreciation	n/a	n/a	n/a	n/a	600	0.7%
Interest	n/a	n/a	n/a	n/a	200	0.2%
Net Profit **	n/a	n/a	n/a	n/a	4,100	4.5%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.21.7 Average repair, gear and equipment costs			
	2004	2005	2006
Annual repair cost (£)	n/a	n/a	10,300
Repair cost per day at sea (£)	n/a	n/a	69
Annual gear cost (£)	n/a	n/a	4,900
Gear cost per day at sea (£)	n/a	n/a	33
Annual hire and maintenance cost (£)	n/a	n/a	1,600
Hire and maintenance cost per day at sea (£)	n/a	n/a	11

Potters and creelers  
over 12m



Vessels in the potters and creelers over 12m segment operate right around the UK coastline. These vessels spent on average 172 days at sea in 2006 and target a diverse range of high value shellfish species as shown in figure 3.22.1.

Figure 3.22.1: Segment catch composition in 2006

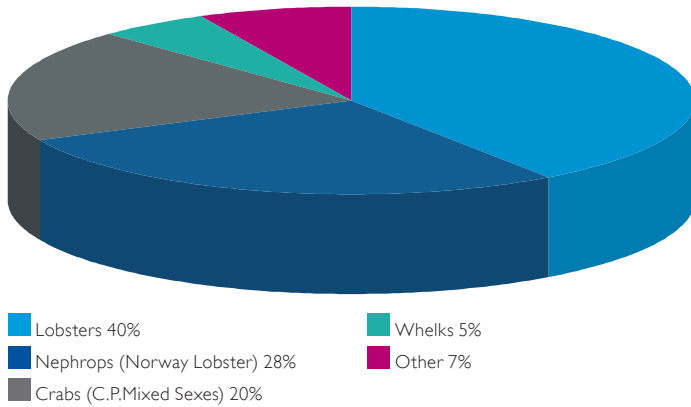


Figure 3.22.2: Total fishing expenses in 2006

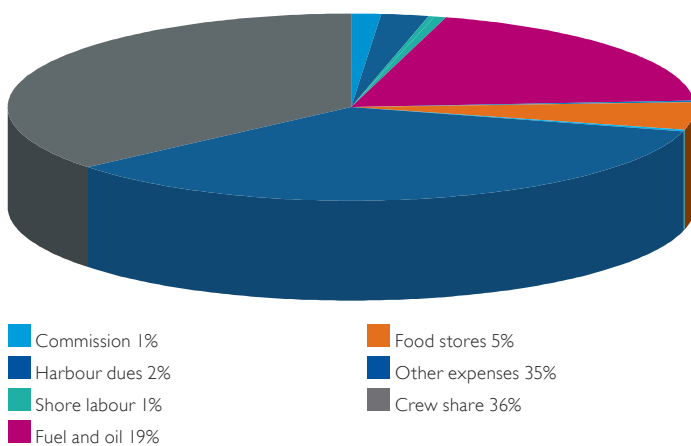
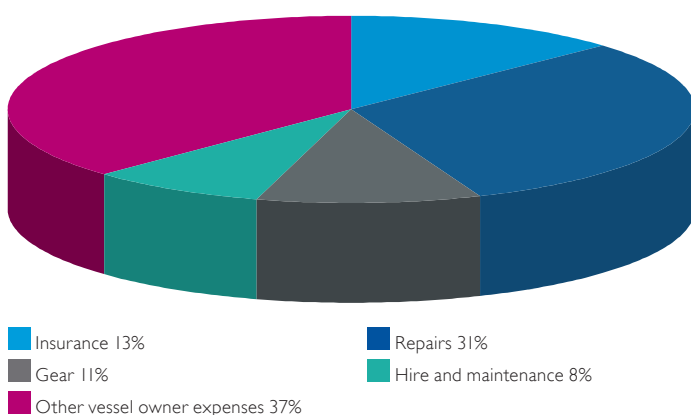


Figure 3.22.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	76	78	86
Total Power (kW)	15,908	15,982	17,776
Total VCU	13,793	14,013	15,599
Total GT	4,326	4,489	4,942
Total Days at sea	15,435	15,745	14,457
Total Volume of Landings (live weight tonnes)	17,000	16,355	16,049
Total Value of Landings (£m)	17.8	19.6	21.0

All vessels in segment		Survey sample vessels (Number of cases: 9)	
Length (m)	16	Length (m)	18
Power (kW)	207	Power (kW)	218
VCU	181	VCU	206
Registered Tonnage (GT)	57	Registered Tonnage (GT)	98
Days at sea	172	Days at sea	234
Volume of Landings (T)	191	Volume of Landings (T)	396
Value of Landings (£)	249,800	Value of Landings (£)	456,413
Crew Size (full time)	n/a	Crew Size (full time)	5
Vessel age (years)	25	Vessel age (years)	27

	2004	2005	2006
Fishing Income (£)	238,500	251,100	249,800
Fishing Income per:			
day (£)	1,175	1,243	1,451
VCU (£)	1,318	1,395	1,377
trip (£)	2,316	2,438	2,156
crew member (£)	47,700	50,220	46,016

	2004	2005	2006
Average cost (£)	14,300	17,900	22,000
Cost per trip (£)	139	174	190
Cost per day at sea (£)	70	89	128

	2004	2005	2006
Annual cost (£)	75,800	69,500	64,100
Cost per trip (£)	736	675	553
Cost per day at sea (£)	373	344	372
Cost per man (£)	15,160	13,900	11,808

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	238,500	100.0%	253,300	100.0%	255,900	100.0%
Fishing Income	233,900	98.1%	251,100	99.1%	249,800	97.6%
Non-Fishing Income	10,300	4.3%	2,100	0.8%	6,100	2.4%
<b>Fishing Expenses</b>						
Commission	8,100	3.4%	7,500	3.0%	6,100	2.4%
Harbour Dues	3,900	1.6%	3,900	1.5%	4,100	1.6%
Subscriptions and Levies	600	0.3%	700	0.3%	400	0.2%
Shore Labour	2,600	1.1%	2,200	0.9%	900	0.4%
Fuel and Oil	14,300	6.0%	17,900	7.1%	22,000	8.6%
Boxes	0	0.0%	0	0.0%	0	0.0%
Ice	1,400	0.6%	200	0.1%	400	0.2%
Crew Travel	2,500	1.0%	1,900	0.8%	500	0.2%
Food Stores	6,400	2.7%	6,900	2.7%	7,800	3.0%
Quota Leasing	n/a	n/a	n/a	n/a	400	0.2%
Days Purchase	n/a	n/a	n/a	n/a	n/a	n/a
Other Expenses	22,200	9.3%	22,700	9.0%	57,600	22.5%
Crew Share	75,800	31.8%	69,500	27.4%	64,100	25.0%
<b>Total Fishing Expenses</b>	<b>123,900</b>	<b>52.0%</b>	<b>122,200</b>	<b>48.2%</b>	<b>166,300</b>	<b>65.0%</b>
<b>Vessel Owner Expenses</b>						
Insurance	9,000	3.8%	9,300	3.7%	5,300	2.1%
Repairs	24,300	10.2%	15,700	6.2%	12,600	4.9%
Gear	21,800	9.1%	11,000	4.3%	4,400	1.7%
Hire and Maintenance	6,300	2.6%	5,900	2.3%	3,400	1.3%
Other Vessel Owner Expenses	7,700	3.2%	6,800	2.7%	15,200	5.9%
<b>Total Vessel Owner Expenses</b>	<b>62,000</b>	<b>26.0%</b>	<b>43,400</b>	<b>17.1%</b>	<b>40,800</b>	<b>15.9%</b>
<b>Total Expenses</b>	<b>185,800</b>	<b>77.9%</b>	<b>165,600</b>	<b>65.4%</b>	<b>207,100</b>	<b>80.9%</b>
Profit *	52,700	22.1%	51,000	20.1%	48,800	19.1%
Depreciation	13,400	5.6%	12,800	5.1%	6,300	2.5%
Interest	7,500	3.1%	8,000	3.2%	7,500	2.9%
<b>Net Profit **</b>	<b>31,800</b>	<b>13.3%</b>	<b>34,800</b>	<b>13.7%</b>	<b>35,000</b>	<b>13.7%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

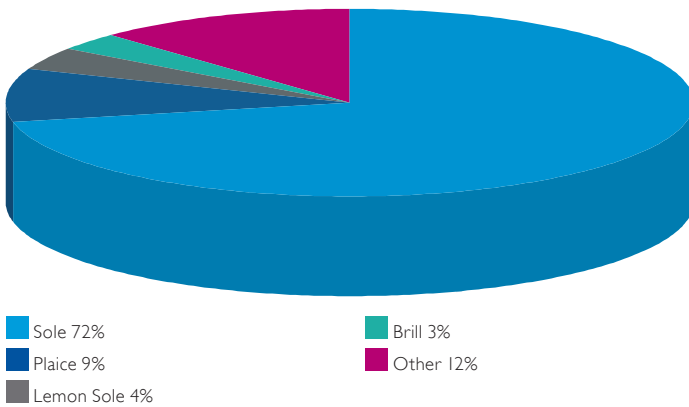
	2004	2005	2006
Annual repair cost (£)	24,300	15,700	12,600
Repair cost per day at sea (£)	120	78	73
Annual gear cost (£)	21,800	11,000	4,400
Gear cost per day at sea (£)	107	54	26
Annual hire and maintenance cost (£)	6,300	5,900	3,400
Hire and maintenance cost per day at sea (£)	31	29	20

South West and English  
Channel beam trawl  
under 221kW

The South West and English Channel beam trawl under 221kW fleet segment is based at a number of ports along the south coast of England, predominately Brixham and Plymouth. In 2006 these vessels spent on average 210 days at sea targeting species such as sole and plaice (see figure 3.23.1).

Unfortunately, there was not enough financial data available from vessels in this segment to produce accurate costs, profits and capital information.

Figure 3.23.1: Segment catch composition in 2006



	2004	2005	2006
Number of Active Vessels	10	11	11
Total Power (kW)	2,166	2,387	2,250
Total VCU	2,255	2,514	2,363
Total GT	982	1,087	998
Total Days at sea	2,340	2,574	2,315
Total Volume of Landings (live weight tonnes)	1,247	1,142	1,728
Total Value of Landings (£m)	3.6	4.1	4.1

All vessels in segment	
Length (m)	20
Power (kW)	205
VCU	215
Registered Tonnage (GT)	91
Days at sea	210
Volume of Landings (T)	157
Value of Landings (£)	370,500
Crew Size (full time)	n/a
Vessel age (years)	16

	2004	2005	2006
Fishing Income (£)	356,200	373,400	370,500
Fishing Income per:			
day (£)	1,522	1,596	1,760
VCU (£)	1,576	1,631	1,725
trip (£)	10,177	10,669	12,350
crew member (£)	71,240	74,680	n/a

South West and English  
Channel beam trawl  
over 221kW, under 30m

The South West and English Channel beam trawl over 221kW, under 30m segment is based at a number of ports along the south of England. In 2006 vessels in this segment spent on average 188 days at sea targeting species such as sole and monkfish (see figure 3.25.1).

Figure 3.24.1: Segment catch composition in 2006

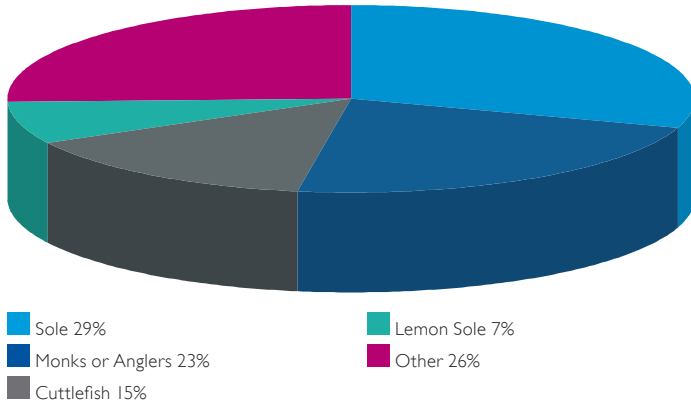


Figure 3.24.2: Total fishing expenses in 2006

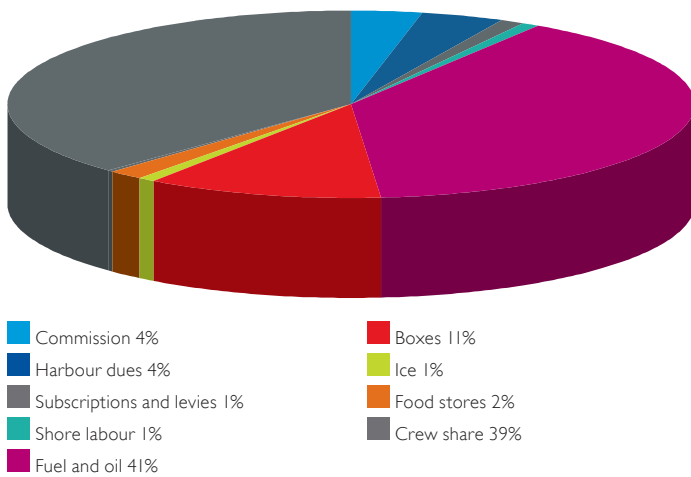
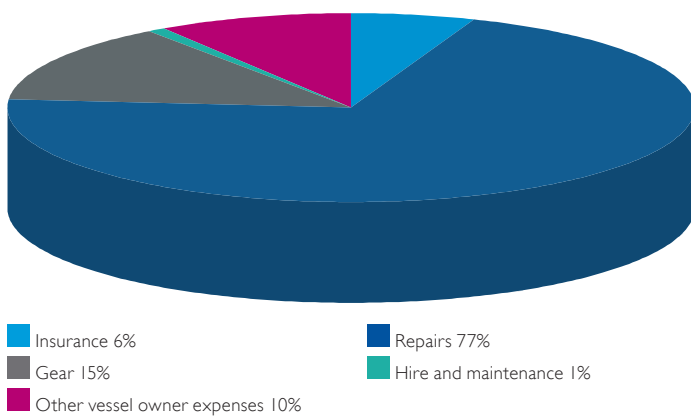


Figure 3.24.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	38	36	38
Total Power (kW)	18,801	17,990	19,130
Total VCU	14,964	14,384	15,143
Total GT	4,965	4,755	5,007
Total Days at sea	7,535	7,457	6,402
Total Volume of Landings (live weight tonnes)	6,294	5,831	5,197
Total Value of Landings (£m)	13.7	14.4	13.5

All vessels in segment		Survey sample vessels (Number of cases: 12)	
Length (m)	26	Length (m)	27
Power (kW)	503	Power (kW)	560
VCU	398	VCU	430
Registered Tonnage (GT)	132	Registered Tonnage (GT)	132
Days at sea	188	Days at sea	188
Volume of Landings (T)	153	Volume of Landings (T)	142
Value of Landings (£)	398,400	Value of Landings (£)	408,809
Crew Size (full time)	n/a	Crew Size (full time)	4
Vessel age (years)	37	Vessel age (years)	36

	2004	2005	2006
Fishing Income (£)	361,400	400,700	398,400
Fishing Income per:			
day (£)	1,825	1,926	2,116
VCU (£)	917	1,002	1,000
trip (£)	10,629	11,785	10,990
crew member (£)	72,280	80,140	99,600

	2004	2005	2006
Average cost (£)	78,600	114,300	127,800
Cost per trip (£)	2,312	3,362	3,526
Cost per day at sea (£)	397	550	679

	2004	2005	2006
Annual cost (£)	100,900	107,900	121,000
Cost per trip (£)	2,968	3,174	3,338
Cost per day at sea (£)	510	519	643
Cost per man (£)	20,180	21,600	30,250

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	379,900	100.0%	407,400	100.0%	401,500	100.0%
Fishing Income	361,400	99.4%	400,700	98.4%	398,400	99.2%
Non-Fishing Income	18,500	5.1%	6,700	1.6%	3,100	0.8%
Fishing Expenses						
Commission	16,500	4.5%	17,300	4.2%	11,200	2.8%
Harbour Dues	6,700	1.8%	7,700	1.9%	12,200	3.0%
Subscriptions and Levies	3,000	0.8%	3,400	0.8%	3,800	0.9%
Shore Labour	1,900	0.5%	2,000	0.5%	2,000	0.5%
Fuel and Oil	78,600	21.6%	114,300	28.1%	127,800	31.8%
Boxes	0	0.0%	0	0.0%	35,900	8.9%
Ice	1,900	0.5%	1,900	0.5%	2,500	0.6%
Crew Travel	4,000	1.1%	4,500	1.1%	300	0.1%
Food Stores	9,000	2.5%	10,000	2.5%	5,700	1.4%
Quota Leasing	5,600	1.5%	3,700	0.9%	n/a	n/a
Days Purchase	0	0.0%	0	0.0%	0	0.0%
Other Expenses	9,600	2.6%	10,200	2.5%	600	0.1%
Crew Share	100,900	27.8%	107,900	26.5%	121,000	30.1%
Total Fishing Expenses	235,400	64.8%	282,700	69.4%	312,600	77.9%
Vessel Owner Expenses						
Insurance	9,500	2.6%	29,000	7.1%	6,300	1.6%
Repairs	77,200	21.2%	80,900	19.9%	77,000	19.2%
Gear	23,700	6.5%	24,700	6.1%	15,000	3.7%
Hire and Maintenance	6,600	1.8%	5,700	1.4%	1,000	0.2%
Other Vessel Owner Expenses	3,400	0.9%	3,600	0.9%	9,900	2.5%
Total Vessel Owner Expenses	120,300	33.1%	140,500	34.5%	99,600	24.8%
Total Expenses	355,700	97.9%	422,000	103.6%	412,200	102.7%
Profit *	7,700	2.1%	-20,500	-5.0%	-10,700	-2.7%
Depreciation	n/a	n/a	n/a	n/a	2,400	0.6%
Interest	n/a	n/a	n/a	n/a	300	0.1%
Net Profit **	n/a	n/a	n/a	n/a	-13,400	-3.4%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	77,200	80,900	77,000
Repair cost per day at sea (£)	390	389	409
Annual gear cost (£)	23,700	24,700	15,000
Gear cost per day at sea (£)	120	119	80
Annual hire and maintenance cost (£)	6,600	5,700	1,000
Hire and maintenance cost per day at sea (£)	33	27	5

South West and English  
Channel beam trawl  
over 221kW, over 30m



The South West and English Channel beam trawl over 221 kW, over 30m segment is based at a number of ports in the south of England, but predominately in the main south west fishing ports of Brixham, Plymouth and Newlyn. These vessels spent on average 247 days at sea in 2006 and target species such as sole and monkfish, as shown in figure 3.24.1.

Figure 3.25.1: Segment catch composition in 2006

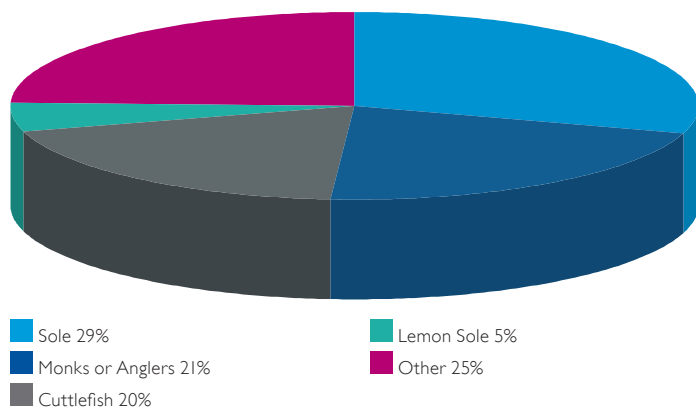


Figure 3.25.2: Total fishing expenses in 2006

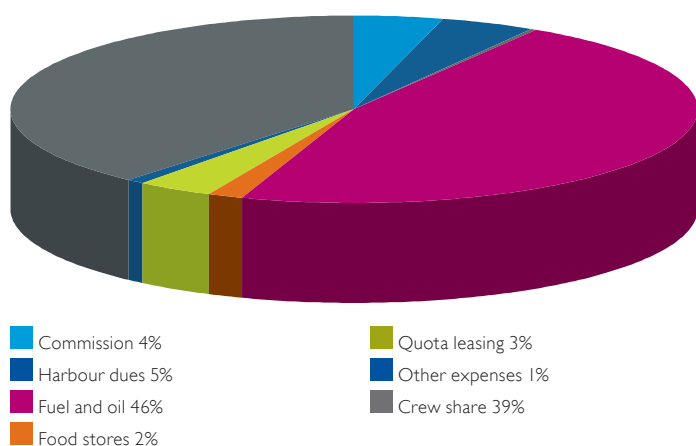
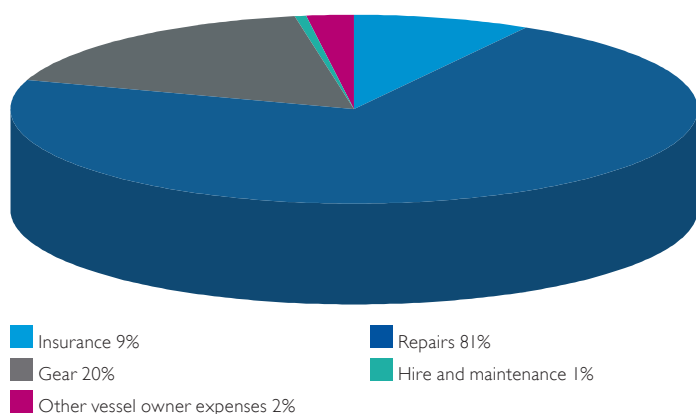


Figure 3.25.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	10	11	12
Total Power (kW)	8,207	9,400	10,255
Total VCU	6,141	6,999	7,622
Total GT	2,259	2,661	2,866
Total Days at sea	2,358	2,395	2,474
Total Volume of Landings (live weight tonnes)	3,061	2,982	3,060
Total Value of Landings (£m)	6	6.6	7.5

All vessels in segment		Survey sample vessels (Number of cases: 5)	
Length (m)	34	Length (m)	34
Power (kW)	855	Power (kW)	980
VCU	635	VCU	707
Registered Tonnage (GT)	239	Registered Tonnage (GT)	269
Days at sea	247	Days at sea	222
Volume of Landings (T)	306	Volume of Landings (T)	236
Value of Landings (£)	748,500	Value of Landings (£)	659,424
Crew Size (full time)	n/a	Crew Size (full time)	7
Vessel age (years)	26	Vessel age (years)	27

	2004	2005	2006
Fishing Income (£)	596,200	598,900	748,500
Fishing Income per:			
day (£)	2,526	2,747	3,025
VCU (£)	971	942	1,178
trip (£)	17,034	17,111	23,245
crew member (£)	99,367	99,817	106,929

	2004	2005	2006
Average cost (£)	130,200	175,300	221,500
Cost per trip (£)	3,720	5,009	6,879
Cost per day at sea (£)	552	804	895

	2004	2005	2006
Annual cost (£)	165,700	150,000	184,400
Cost per trip (£)	4,734	4,286	5,727
Cost per day at sea (£)	702	688	745
Cost per man (£)	27,617	25,000	26,343

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	597,800	100.0%	598,900	100.0%	748,500	100.0%
Fishing Income	596,200	99.7%	598,900	100.0%	748,500	100.0%
Non-Fishing Income	6,200	1.0%	0	0.0%	0	0.0%
<b>Fishing Expenses</b>						
Commission	23,800	4.0%	28,400	4.7%	29,500	3.9%
Harbour Dues	11,900	2.0%	10,700	1.8%	12,200	1.6%
Subscriptions and Levies	5,100	0.9%	4,500	0.8%	1,000	0.1%
Shore Labour	2,600	0.4%	2,000	0.3%	300	0.0%
Fuel and Oil	130,200	21.8%	175,300	29.3%	221,500	29.6%
Boxes	0	0.0%	0	0.0%	0	0.0%
Ice	2,800	0.5%	2,600	0.4%	100	0.0%
Crew Travel	6,200	1.0%	6,600	1.1%	0	0.0%
Food Stores	13,400	2.2%	14,400	2.4%	8,100	1.1%
Quota Leasing	7,700	1.3%	3,600	0.6%	16,400	2.2%
Days Purchase	0	0.0%	0	0.0%	0	0.0%
Other Expenses	12,900	2.2%	12,200	2.0%	5,000	0.7%
<b>Crew Share</b>	<b>165,700</b>	<b>27.7%</b>	<b>150,000</b>	<b>25.0%</b>	<b>184,400</b>	<b>24.7%</b>
<b>Total Fishing Expenses</b>	<b>382,300</b>	<b>64.0%</b>	<b>410,400</b>	<b>68.5%</b>	<b>478,500</b>	<b>64.0%</b>
<b>Vessel Owner Expenses</b>						
Insurance	16,500	2.8%	14,600	2.4%	17,100	2.3%
Repairs	142,100	23.8%	150,800	25.2%	148,100	19.8%
Gear	31,400	5.3%	37,600	6.3%	35,900	4.8%
Hire and Maintenance	6,600	1.1%	5,900	1.0%	1,200	0.2%
Other Vessel Owner Expenses	4,900	0.8%	11,600	1.9%	4,400	0.6%
<b>Total Vessel Owner Expenses</b>	<b>201,500</b>	<b>33.7%</b>	<b>219,300</b>	<b>36.6%</b>	<b>181,900</b>	<b>24.3%</b>
<b>Total Expenses</b>	<b>583,800</b>	<b>97.7%</b>	<b>624,300</b>	<b>104.2%</b>	<b>660,400</b>	<b>88.4%</b>
<b>Profit *</b>	<b>13,900</b>	<b>2.3%</b>	<b>-25,400</b>	<b>-4.2%</b>	<b>88,100</b>	<b>11.8%</b>
Depreciation	0	0.0%	74,500	12.4%	100,400	13.4%
Interest	0	0.0%	0	0.0%	0	0.0%
<b>Net Profit **</b>	<b>13,900</b>	<b>2.3%</b>	<b>-40,300</b>	<b>-6.7%</b>	<b>-12,300</b>	<b>-1.6%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	142,100	150,800	148,100
Repair cost per day at sea (£)	602	692	599
Annual gear cost (£)	31,400	37,600	35,900
Gear cost per day at sea (£)	133	172	145
Annual hire and maintenance cost (£)	6,600	5,900	1,200
Hire and maintenance cost per day at sea (£)	28	27	5

# UK pelagic trawl 10-40m

The UK pelagic under 40m fleet segment is based at various ports throughout the UK. In 2006 these vessels spent an average of 130 days at sea targeting species such as swordfish and sprats as shown in figure 3.26.1. This is the first time this segment has been reported in the economic survey of the UK fleet.

Figure 3.26.1: Segment catch composition in 2006

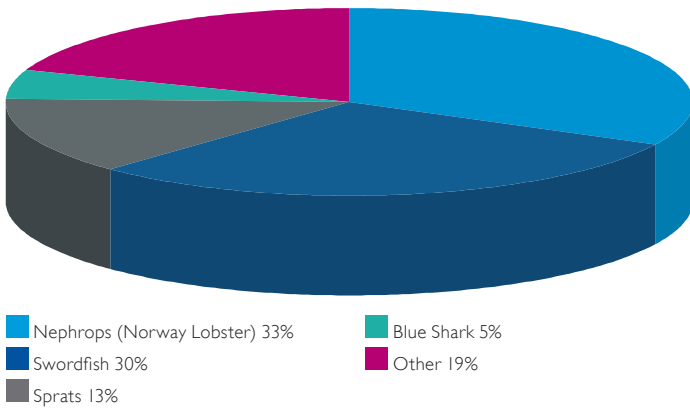


Figure 3.26.2: Total fishing expenses in 2006

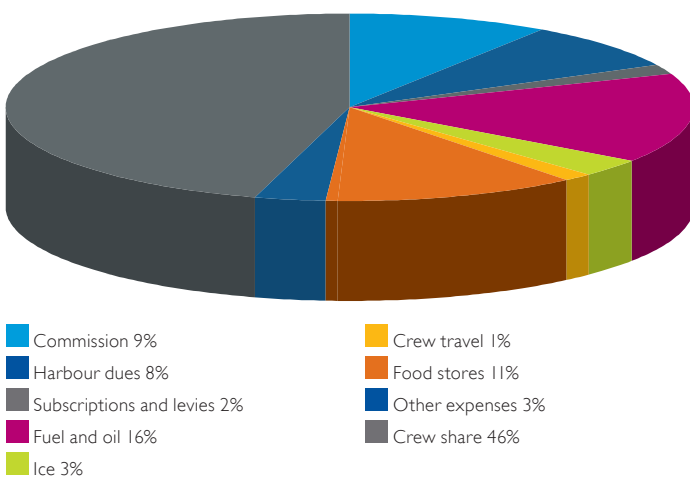


Figure 3.26.3: Total owner expenses in 2006

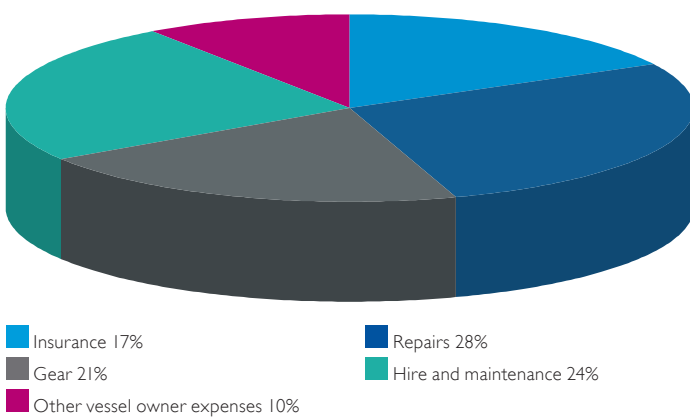


Table 3.26.1 Segment characteristics 2006	
	2006
Number of Active Vessels	17
Total Power (kW)	4,499
Total VCU	3,721
Total GT	1,311
Total Days at sea	2,203
Total Volume of Landings (live weight tonnes)	4,975
Total Value of Landings (£m)	4.5

Table 3.26.2 Average vessel characteristics			
All vessels in segment		Survey sample vessels (Number of cases: 3)	
Length (m)	17	Length (m)	15
Power (kW)	265	Power (kW)	323
VCU	219	VCU	228
Registered Tonnage (GT)	77	Registered Tonnage (GT)	59
Days at sea	130	Days at sea	165
Volume of Landings (T)	293	Volume of Landings (T)	457
Value of Landings (£)	264,800	Value of Landings (£)	333,729
Crew Size (full time)	n/a	Crew Size (full time)	3
Vessel age (years)	31	Vessel age (years)	17

Table 3.26.4 Average fishing income	
	2006
Fishing Income (£)	264,800
Fishing Income per:	
day (£)	2,043
VCU (£)	1,210
trip (£)	1,439
crew member (£)	88,267

Table 3.26.5 Average fuel and oil costs	
	2006
Average cost (£)	16,400
Cost per trip (£)	89
Cost per day at sea (£)	127

Table 3.26.6 Average crew share	
	2006
Annual cost (£)	47,400
Cost per trip (£)	258
Cost per day at sea (£)	366
Cost per man (£)	15,800

Table 3.26.3 average costs and earnings 2006		
	2006	
	Average (£)	% of Earnings
Earnings	273,900	100.0%
Fishing Income	264,800	96.7%
Non-Fishing Income	9,100	3.3%
<b>Fishing Expenses</b>		
Commission	9,800	3.6%
Harbour Dues	8,400	3.1%
Subscriptions and Levies	1,600	0.6%
Shore Labour	0	0.0%
Fuel and Oil	16,400	6.0%
Boxes	0	0.0%
Ice	3,200	1.2%
Crew Travel	1,300	0.5%
Food Stores	11,900	4.3%
Quota Leasing	500	0.2%
Days Purchase	0	0.0%
Other Expenses	3,500	1.3%
<b>Crew Share</b>	47,400	17.3%
<b>Total Fishing Expenses</b>	103,900	37.9%
<b>Vessel Owner Expenses</b>		
Insurance	7,000	2.6%
Repairs	11,300	4.1%
Gear	8,400	3.1%
Hire and Maintenance	9,900	3.6%
Other Vessel Owner Expenses	4,000	1.5%
<b>Total Vessel Owner Expenses</b>	40,700	14.9%
<b>Total Expenses</b>	144,600	52.8%
<b>Profit *</b>	129,300	47.2%
Depreciation	14,500	5.3%
Interest	15,500	5.7%
<b>Net Profit **</b>	99,200	36.2%

Table 3.26.7 Average repair, gear and equipment costs	
	2006
Annual repair cost (£)	11,300
Repair cost per day at sea (£)	87
Annual gear cost (£)	8,400
Gear cost per day at sea (£)	65
Annual hire and maintenance cost (£)	9,900
Hire and maintenance cost per day at sea (£)	76

Table 3.26.8 Return on fixed assets		
	No of cases 2006	
Average figures for:	2006	
Vessel insurance value (£)	260,000	
Licence value (£)	250,000	
FQA value (£)	n/a	
Profit (£)	129,300	
Return on tangible fixed assets (%)	18.90%	2
Return on fixed assets (%)	n/a	

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

# UK pelagic trawl over 40m

The UK pelagic over 40m segment is based predominately in Shetland and in the north east of Scotland, fishing out of Whalsay, Fraserburgh and Peterhead. These vessels spent an average of 81 days at sea in 2006, targeting species such as mackerel and herring, as shown in figure 3.27.1.

Figure 3.27.1: Segment catch composition in 2006

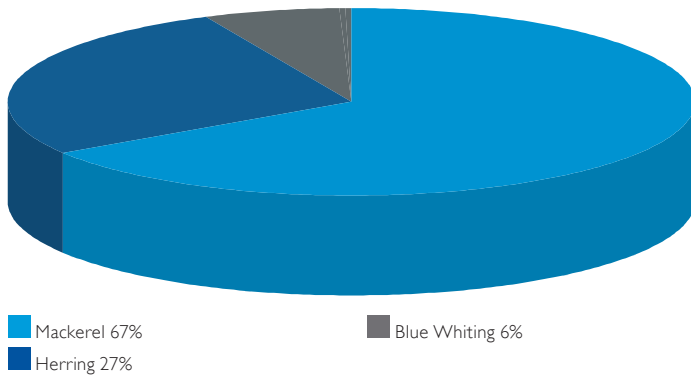


Figure 3.27.2: Total fishing expenses in 2006

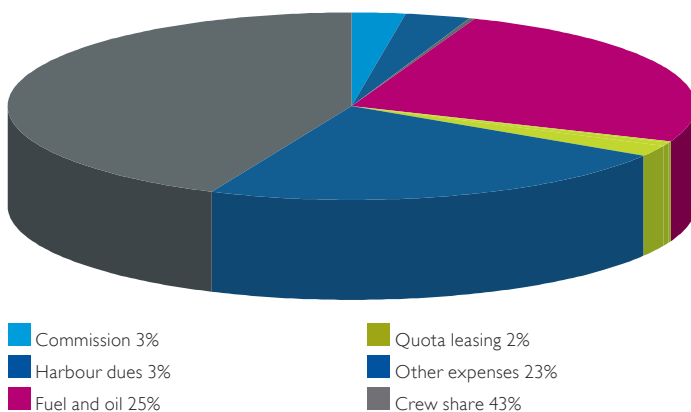
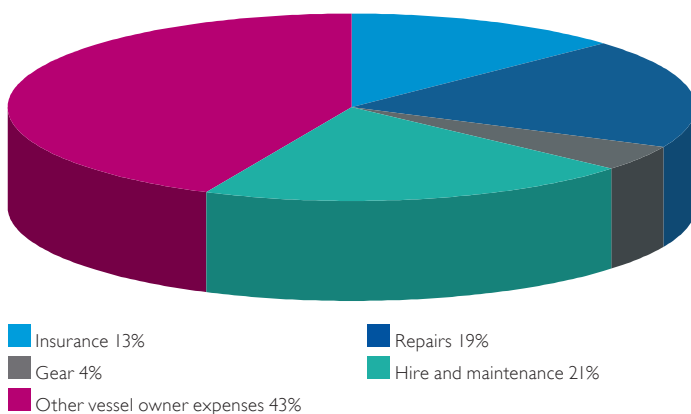


Figure 3.27.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	32	32	28
Total Power (kW)	126,121	129,231	117,721
Total VCU	82,784	83,950	76,432
Total GT	52,430	52,179	48,839
Total Days at sea	4,146	3,487	2,178
Total Volume of Landings (live weight tonnes)	316,224	397,233	278,428
Total Value of Landings (£m)	96.8	135.7	111.8

All vessels in segment		Survey sample vessels (Number of cases: 7)	
Length (m)	64	Length (m)	69
Power (kW)	4,204	Power (kW)	4,644
VCU	2,730	VCU	3,034
Registered Tonnage (GT)	1,744	Registered Tonnage (GT)	2,090
Days at sea	81	Days at sea	85
Volume of Landings (T)	10,312	Volume of Landings (T)	12,168
Value of Landings (£)	4,141,200	Value of Landings (£)	4,943,382
Crew Size (full time)	n/a	Crew Size (full time)	11
Vessel age (years)	8	Vessel age (years)	9

	2004	2005	2006
Fishing Income (£)	3,025,000	4,241,000	4,141,200
Fishing Income per:			
day (£)	23,348	38,919	51,337
VCU (£)	1,169	1,617	1,517
trip (£)	n/a	n/a	195,135
crew member (£)	n/a	n/a	376,473

	2006
Average cost (£)	543,600
Cost per trip (£)	25,615
Cost per day at sea (£)	6,739

	2006
Annual cost (£)	931,200
Cost per trip (£)	43,879
Cost per day at sea (£)	11,544
Cost per man (£)	84,655

Table 3.27.3 Comparison of 2004, 2005 and 2006 average costs and earnings						
	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	n/a	n/a	n/a	n/a	4,147,400	100.0%
Fishing Income	3,025,000	n/a	4,241,000	n/a	4,141,200	99.8%
Non-Fishing Income	n/a	n/a	n/a	n/a	6,300	0.2%
Fishing Expenses						
Commission	n/a	n/a	n/a	n/a	54,500	1.3%
Harbour Dues	n/a	n/a	n/a	n/a	67,500	1.6%
Subscriptions and Levies	n/a	n/a	n/a	n/a	2,400	0.1%
Shore Labour	n/a	n/a	n/a	n/a	1,300	0.0%
Fuel and Oil	n/a	n/a	n/a	n/a	543,600	13.1%
Boxes	n/a	n/a	n/a	n/a	2,600	0.1%
Ice	n/a	n/a	n/a	n/a	0	0.0%
Crew Travel	n/a	n/a	n/a	n/a	4,400	0.1%
Food Stores	n/a	n/a	n/a	n/a	9,100	0.2%
Quota Leasing	n/a	n/a	n/a	n/a	40,000	1.0%
Days Purchase	n/a	n/a	n/a	n/a	0	0.0%
Other Expenses	n/a	n/a	n/a	n/a	488,700	11.8%
Crew Share	n/a	n/a	n/a	n/a	931,200	22.5%
Total Fishing Expenses	n/a	n/a	n/a	n/a	2,145,400	51.7%
Vessel Owner Expenses						
Insurance	n/a	n/a	n/a	n/a	55,500	1.3%
Repairs	n/a	n/a	n/a	n/a	81,800	2.0%
Gear	n/a	n/a	n/a	n/a	18,100	0.4%
Hire and Maintenance	n/a	n/a	n/a	n/a	88,600	2.1%
Other Vessel Owner Expenses	n/a	n/a	n/a	n/a	184,400	4.4%
Total Vessel Owner Expenses	n/a	n/a	n/a	n/a	428,300	10.3%
Total Expenses	n/a	n/a	n/a	n/a	2,573,700	62.1%
Profit *	n/a	n/a	n/a	n/a	1,573,700	37.9%
Depreciation	n/a	n/a	n/a	n/a	429,200	10.3%
Interest	n/a	n/a	n/a	n/a	169,900	4.1%
Net Profit **	n/a	n/a	n/a	n/a	974,600	23.5%

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Table 3.27.7 Average repair, gear and equipment costs	
	2006
Annual repair cost (£)	329,400
Repair cost per day at sea (£)	4,083
Annual gear cost (£)	18,100
Gear cost per day at sea (£)	224
Annual hire and maintenance cost (£)	352,900
Hire and maintenance cost per day at sea (£)	4,375

Table 3.27.8 Return on fixed assets		
		No of cases 2006
Average figures for:		
Vessel insurance value (£)	12,630,800	
Licence value (£)	3,125,000	
FQA value (£)	16,300,000	
Profit (£)	1,573,700	
Return on tangible fixed assets (%)	12.7%	12
Return on fixed assets (%)	11.3%	12



West of Scotland nephrops  
single-rig trawl over 10m

The West of Scotland nephrops single-rig trawl over 10m segment fishes out of ports from the Clyde up to Cape Wrath, including the Western Isles. In 2006 these vessels spent on average 154 days at sea and fish almost exclusively for nephrops (see figure 3.28.1).

Figure 3.28.1: Segment catch composition in 2006

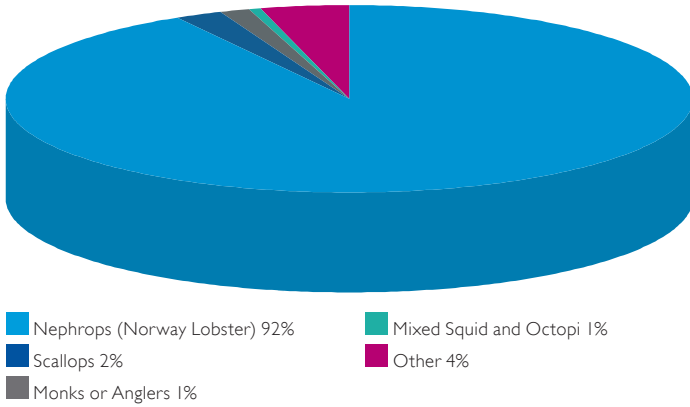


Figure 3.28.2: Total fishing expenses in 2006

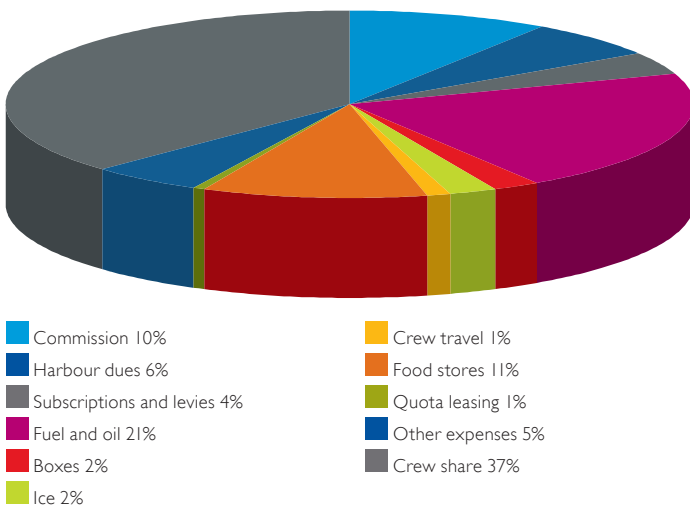
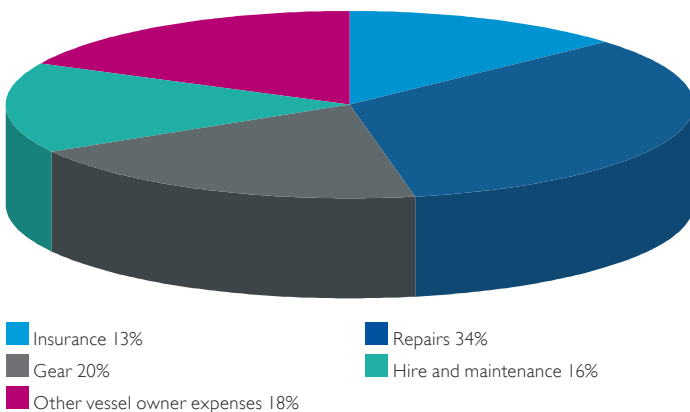


Figure 3.28.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	124	130	137
Total Power (kW)	20,576	21,622	22,196
Total VCU	18,733	19,635	19,986
Total GT	4,822	5,077	4,988
Total Days at sea	21,041	20,984	20,702
Total Volume of Landings (live weight tonnes)	6,645	6,466	7,931
Total Value of Landings (£m)	11.3	13.4	17.4

All vessels in segment		Survey sample vessels (Number of cases: 36)	
Length (m)	14	Length (m)	15
Power (kW)	163	Power (kW)	175
VCU	147	VCU	160
Registered Tonnage (GT)	37	Registered Tonnage (GT)	44
Days at sea	154	Days at sea	173
Volume of Landings (T)	59	Volume of Landings (T)	77
Value of Landings (£)	130,100	Value of Landings (£)	166,335
Crew Size (full time)	n/a	Crew Size (full time)	3
Vessel age (years)	30	Vessel age (years)	31

	2004	2005	2006
Fishing Income (£)	90,900	102,700	130,100
Fishing Income per:			
day (£)	535	638	842
VCU (£)	602	680	885
trip (£)	1,151	1,300	1,016
crew member (£)	22,725	25,675	39,932

	2004	2005	2006
Average cost (£)	10,300	16,300	17,100
Cost per trip (£)	130	206	134
Cost per day at sea (£)	61	101	111

	2004	2005	2006
Annual cost (£)	26,500	32,900	30,200
Cost per trip (£)	335	416	236
Cost per day at sea (£)	156	204	195
Cost per man (£)	6,625	8,400	9,269

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	92,200	100.0%	105,000	100.0%	131,100	100.0%
Fishing Income	90,900	96.1%	102,700	97.8%	130,100	99.2%
Non-Fishing Income	1,300	5.5%	2,300	2.2%	1,100	0.8%
<b>Fishing Expenses</b>						
Commission	4,100	4.8%	5,200	5.0%	7,700	5.9%
Harbour Dues	1,800	4.4%	2,300	2.2%	5,200	4.0%
Subscriptions and Levies	2,000	1.2%	2,300	2.2%	3,000	2.3%
Shore Labour	0	0.7%	1,700	1.6%	200	0.2%
Fuel and Oil	10,300	19.6%	16,300	15.5%	17,100	13.0%
Boxes	1,200	1.2%	1,400	1.3%	1,700	1.3%
Ice	0	1.3%	2,100	2.0%	1,900	1.4%
Crew Travel	500	1.2%	700	0.7%	800	0.6%
Food Stores	3,800	3.4%	4,300	4.1%	8,500	6.5%
Quota Leasing	200	1.8%	300	0.3%	500	0.4%
Days Purchase	500	0.2%	1,100	1.0%	100	0.1%
Other Expenses	1,800	3.9%	700	0.7%	4,200	3.2%
<b>Crew Share</b>	<b>26,500</b>	<b>23.5%</b>	<b>32,900</b>	<b>31.3%</b>	<b>30,200</b>	<b>23.0%</b>
<b>Total Fishing Expenses</b>	<b>50,600</b>	<b>54.9%</b>	<b>71,400</b>	<b>68.0%</b>	<b>80,900</b>	<b>61.7%</b>
<b>Vessel Owner Expenses</b>						
Insurance	5,100	4.8%	6,400	6.1%	6,200	4.7%
Repairs	10,600	10.2%	12,600	12.0%	15,700	12.0%
Gear	3,100	5.9%	4,700	4.5%	9,200	7.0%
Hire and Maintenance	2,200	1.4%	2,900	2.8%	7,200	5.5%
Other Vessel Owner Expenses	2,800	0.6%	2,700	2.6%	8,300	6.3%
<b>Total Vessel Owner Expenses</b>	<b>19,700</b>	<b>22.4%</b>	<b>26,700</b>	<b>25.4%</b>	<b>46,200</b>	<b>35.2%</b>
<b>Total Expenses</b>	<b>74,100</b>	<b>85.7%</b>	<b>95,900</b>	<b>91.3%</b>	<b>127,100</b>	<b>96.9%</b>
<b>Profit *</b>	<b>18,100</b>	<b>14.3%</b>	<b>23,100</b>	<b>22.0%</b>	<b>4,000</b>	<b>3.1%</b>
Depreciation	8,000	15.6%	8,500	8.1%	500	0.4%
Interest	2,700	7.6%	2,100	2.0%	400	0.3%
<b>Net Profit **</b>	<b>9,800</b>	<b>3.9%</b>	<b>12,900</b>	<b>12.3%</b>	<b>3,100</b>	<b>2.4%</b>

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	10,600	12,600	15,700
Repair cost per day at sea (£)	62	78	102
Annual gear cost (£)	3,100	4,700	9,200
Gear cost per day at sea (£)	18	29	60
Annual hire and maintenance cost (£)	2,200	2,900	7,200
Hire and maintenance cost per day at sea (£)	13	18	47

	No of cases 2006	
Average figures for:	2006	
Vessel insurance value (£)	110,700	
Licence value (£)	66,100	
FQA value (£)	67,700	
Profit (£)	4,000	
Return on tangible fixed assets (%)	3.6%	37
Return on fixed assets (%)	3.7%	37

West of Scotland nephrops  
twin-rig trawl over 10m

Vessels in the West of Scotland nephrops twin-rig trawl over 10m segment fish from the Clyde up to Cape Wrath, including the Western Isles. In 2006 these vessels spent an average of 187 days at sea and fish almost exclusively for nephrops, as shown in figure 3.29.1.

Figure 3.29.1 Segment catch composition in 2006

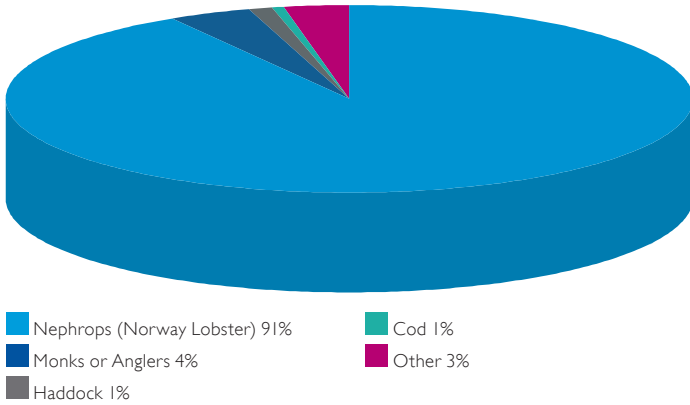


Figure 3.29.2: Total fishing expenses in 2006

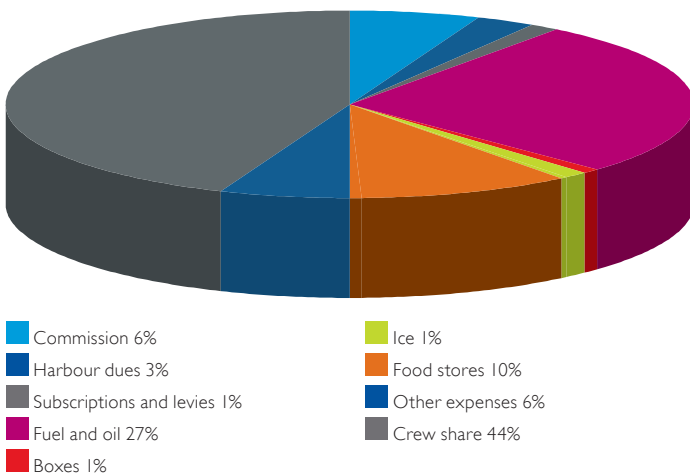
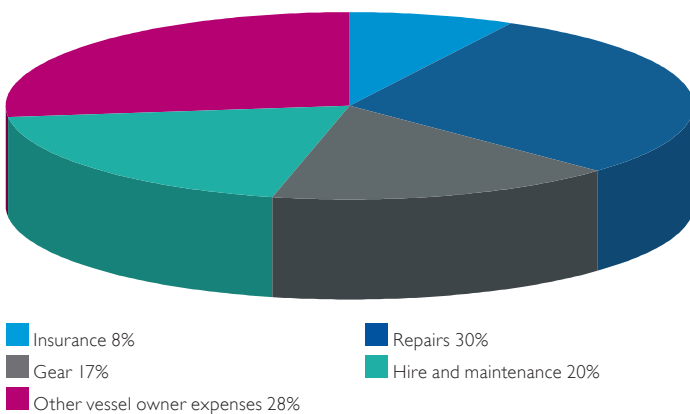


Figure 3.29.3: Total owner expenses in 2006



	2004	2005	2006
Number of Active Vessels	25	25	23
Total Power (kW)	6,525	6,525	5,933
Total VCU	5,438	5,438	4,965
Total GT	1,821	1,821	1,607
Total Days at sea	4,821	4,810	4,108
Total Volume of Landings (live weight tonnes)	3,144	2,819	2,327
Total Value of Landings (£m)	3.7	4.9	5.9

All vessels in segment		Survey sample vessels (Number of cases: 8)	
Length (m)	17	Length (m)	19
Power (kW)	258	Power (kW)	306
VCU	216	VCU	254
Registered Tonnage (GT)	70	Registered Tonnage (GT)	98
Days at sea	187	Days at sea	207
Volume of Landings (T)	106	Volume of Landings (T)	135
Value of Landings (£)	268,800	Value of Landings (£)	415,461
Crew Size (full time)	n/a	Crew Size (full time)	4
Vessel age (years)	26	Vessel age (years)	24

	2004	2005	2006
Fishing Income (£)	147,000	196,000	268,800
Fishing Income per:			
day (£)	770	1,021	1,440
VCU (£)	676	899	1,245
trip (£)	1,515	2,021	2,392
crew member (£)	36,750	49,000	64,512

	2004	2005	2006
Average cost (£)	19,200	31,200	37,200
Cost per trip (£)	198	322	331
Cost per day at sea (£)	101	163	199

	2004	2005	2006
Annual cost (£)	43,000	53,900	61,000
Cost per trip (£)	443	556	543
Cost per day at sea (£)	225	281	327
Cost per man (£)	10,750	11,800	14,640

	2004		2005		2006	
	Average (£)	% of Earnings	Average (£)	% of Earnings	Average (£)	% of Earnings
Earnings	150,100	100.0%	213,500	100.0%	269,100	100.0%
Fishing Income	147,000	97.9%	196,000	91.8%	268,800	99.9%
Non-Fishing Income	22,500	15.0%	17,600	8.2%	300	0.1%
Fishing Expenses						
Commission	6,100	4.1%	7,300	3.4%	8,500	3.2%
Harbour Dues	3,300	2.2%	4,400	2.1%	3,900	1.4%
Subscriptions and Levies	1,700	1.1%	2,700	1.3%	2,000	0.7%
Shore Labour	200	0.1%	4,200	2.0%	0	0.0%
Fuel and Oil	19,200	12.8%	31,200	14.6%	37,200	13.8%
Boxes	1,600	1.1%	2,200	1.0%	1,300	0.5%
Ice	1,400	0.9%	2,100	1.0%	1,500	0.6%
Crew Travel	500	0.3%	500	0.2%	200	0.1%
Food Stores	5,100	3.4%	6,800	3.2%	14,100	5.2%
Quota Leasing	1,900	1.3%	2,200	1.0%	600	0.2%
Days Purchase	1,400	0.9%	3,300	1.5%	0	0.0%
Other Expenses	4,900	3.3%	4,600	2.2%	8,400	3.1%
Crew Share	43,000	28.6%	53,900	25.2%	61,000	22.7%
Total Fishing Expenses	85,200	56.8%	125,300	58.7%	138,600	51.5%
Vessel Owner Expenses						
Insurance	5,900	3.9%	9,300	4.4%	9,100	3.4%
Repairs	15,200	10.1%	21,300	10.0%	17,900	6.7%
Gear	10,600	7.1%	13,100	6.1%	10,100	3.8%
Hire and Maintenance	3,400	2.3%	5,300	2.5%	11,800	4.4%
Other Vessel Owner Expenses	6,300	4.2%	10,300	4.8%	31,300	11.6%
Total Vessel Owner Expenses	33,600	22.4%	48,800	22.9%	59,600	22.1%
Total Expenses	118,800	79.1%	166,200	77.8%	198,200	73.7%
Profit *	31,200	20.8%	43,400	20.3%	70,900	26.3%
Depreciation	7,100	4.7%	13,000	6.1%	10,500	3.9%
Interest	5,700	3.8%	9,300	4.4%	9,500	3.5%
Net Profit **	18,400	12.3%	21,100	9.9%	50,900	18.9%

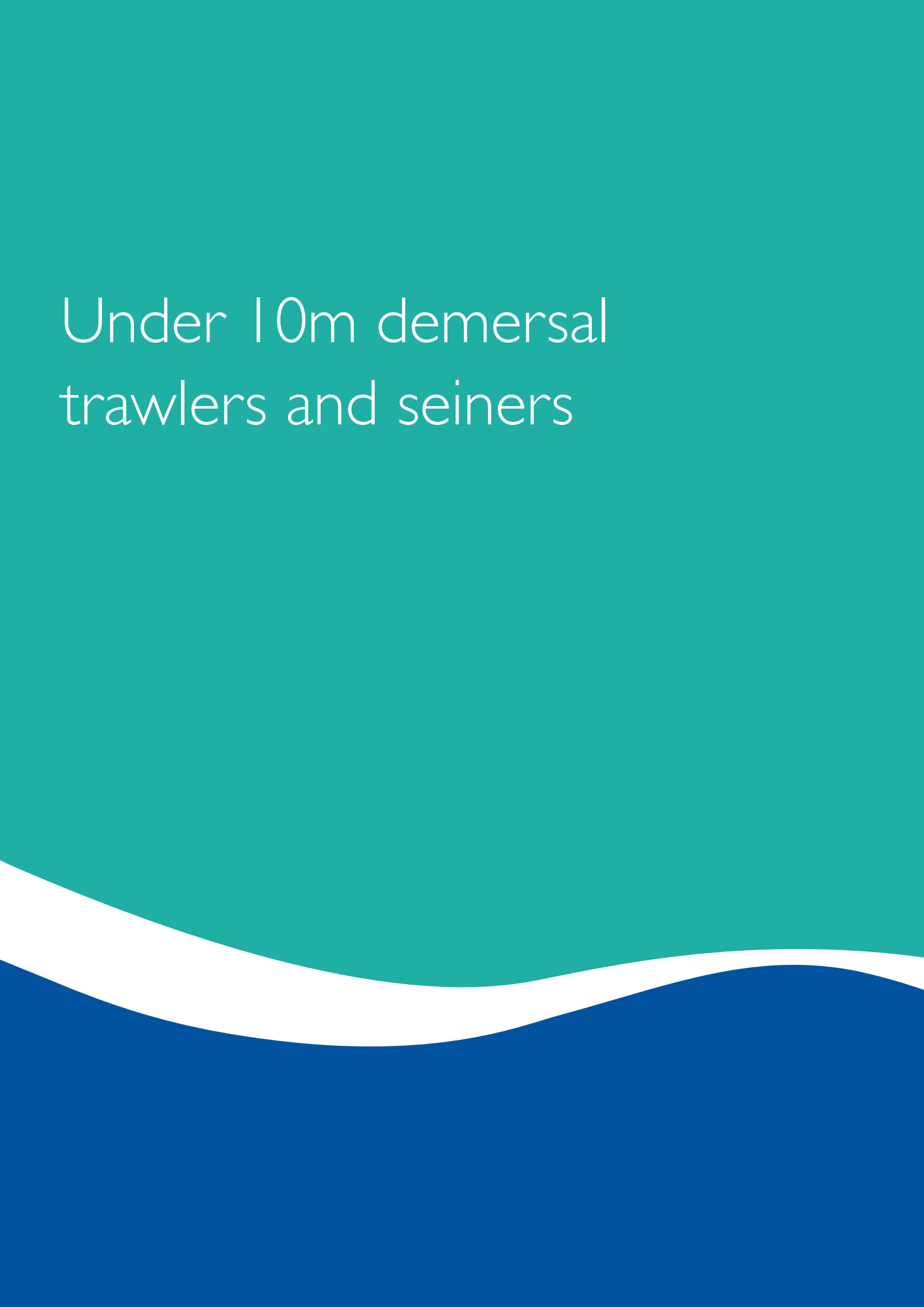
\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

	2004	2005	2006
Annual repair cost (£)	15,000	21,300	17,900
Repair cost per day at sea (£)	80	111	96
Annual gear cost (£)	10,600	13,100	10,100
Gear cost per day at sea (£)	55	68	54
Annual hire and maintenance cost (£)	3,400	5,300	11,800
Hire and maintenance cost per day at sea (£)	18	28	63

	2005	2006	No of cases 2006
Average figures for:			
Vessel insurance value (£)	131,406	125,000	
Licence value (£)		81,600	
FQA value (£)		109,100	
Profit (£)	43,400	70,900	
Return on tangible fixed assets (%)	50.9%	36.4%	8
Return on fixed assets (%)		14.6%	8

# Under 10m demersal trawlers and seiners

The background consists of a teal upper section and a dark blue lower section, separated by a white wavy line that resembles a horizon or a stylized wave.

Segmentation of the under 10m fleet has been adjusted since the 2005 survey in order to provide detailed costs and earnings information for different fishing methods. It is now possible to provide more detailed information on the under 10m fleet due to improved information on the vessels in these segments obtained by fisheries administrations.

The under 10m demersal trawlers and seiners segment is based at various ports throughout the UK. These vessels spent on average 75 days at sea in 2006 and target species such as nephrops and squid (see figure 3.30.1).

Figure 3.30.1: Segment catch composition in 2006

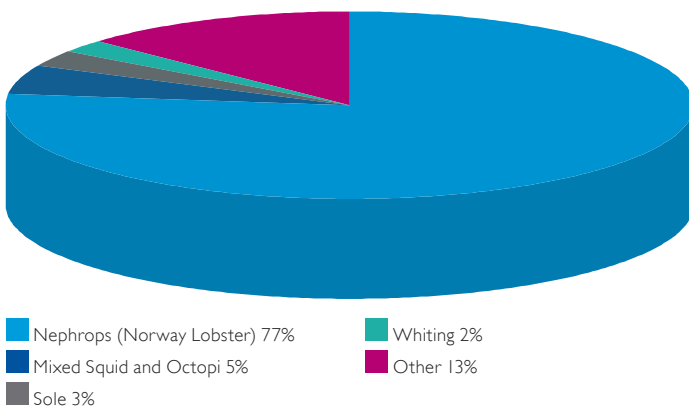


Figure 3.30.2: Total fishing expenses in 2006

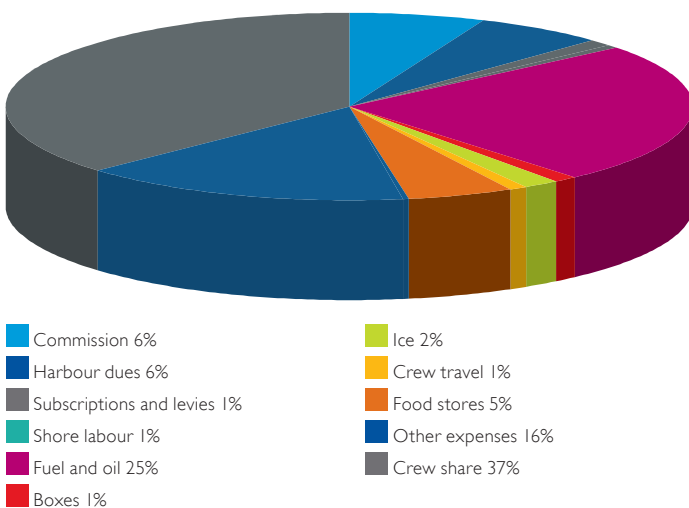


Figure 3.30.3: Total owner expenses in 2006

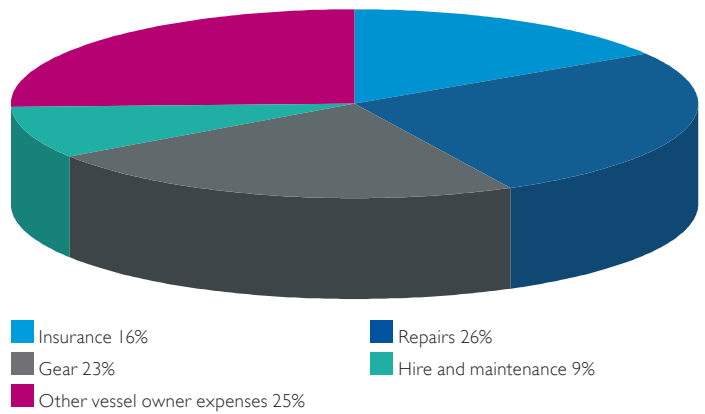


Table 3.30.1 Segment characteristics 2006

	2006
Number of Active Vessels	315
Total Power (kW)	32,161
Total VCU	25,903
Total GT	2,906
Total Days at sea	23,432
Total Volume of Landings (live weight tonnes)	5,883
Total Value of Landings (£m)	13.1

Table 3.30.2 Average vessel characteristics

All vessels in segment		Survey sample vessels (Number of cases: 30)	
Length (m)	9	Length (m)	10
Power (kW)	102	Power (kW)	120
VCU	82	VCU	95
Registered Tonnage (GT)	9	Registered Tonnage (GT)	11
Days at sea	75	Days at sea	110
Volume of Landings (T)	19	Volume of Landings (T)	29
Value of Landings (£)	41,900	Value of Landings (£)	66,456
Crew Size (full time)	n/a	Crew Size (full time)	2
Vessel age (years)	17	Vessel age (years)	13

Table 3.30.4 Average fishing income

	2006
Fishing Income (£)	41,900
Fishing Income per:	
day (£)	560
VCU (£)	508
trip (£)	311
crew member (£)	20,595



Table 3.30.3 average costs and earnings 2006		
	2006	
	Average (£)	% of Earnings
Earnings	42,500	100.0%
Fishing Income	41,900	98.6%
Non-Fishing Income	600	1.4%
Fishing Expenses		
Commission	1,800	4.2%
Harbour Dues	1,700	4.0%
Subscriptions and Levies	300	0.7%
Shore Labour	200	0.5%
Fuel and Oil	6,900	16.2%
Boxes	300	0.7%
Ice	500	1.2%
Crew Travel	200	0.5%
Food Stores	1,400	3.3%
Quota Leasing	100	0.2%
Days Purchase	0	0.0%
Other Expenses	4,400	10.4%
Crew Share	10,400	24.5%
Total Fishing Expenses	28,100	66.1%
Vessel Owner Expenses		
Insurance	2,000	4.7%
Repairs	3,300	7.8%
Gear	2,900	6.8%
Hire and Maintenance	1,100	2.6%
Other Vessel Owner Expenses	3,200	7.5%
Total Vessel Owner Expenses	12,600	29.6%
Total Expenses	40,700	95.8%
Profit *	1,800	4.2%
Depreciation	300	0.7%
Interest	300	0.7%
Net Profit **	1,200	2.8%

Table 3.30.5 Average fuel and oil costs	
	2006
Average cost (£)	6,900
Cost per trip (£)	51
Cost per day at sea (£)	92

Table 3.30.6 Average crew share	
	2006
Annual cost (£)	10,400
Cost per trip (£)	77
Cost per day at sea (£)	139
Cost per man (£)	5,112

Table 3.30.7 Average repair, gear and equipment costs	
	2006
Annual repair cost (£)	3,300
Repair cost per day at sea (£)	44
Annual gear cost (£)	2,900
Gear cost per day at sea (£)	39
Annual hire and maintenance cost (£)	1,100
Hire and maintenance cost per day at sea (£)	15

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Under 10m scallop dredge

Segmentation of the under 10m fleet has been adjusted since the 2005 survey in order to provide detailed costs and earnings information for different fishing methods. It is now possible to provide more detailed information on the under 10m fleet due to improved information on the vessels in these segments obtained by fisheries administrations.

The under 10m scallop dredge segment is predominately based on the south coast of England and Wales. In 2006 vessels in this segment spent an average of 42 days at sea and target shellfish species such as scallops and oysters, as shown in figure 3.31.1.

Figure 3.31.1: Segment catch composition in 2006

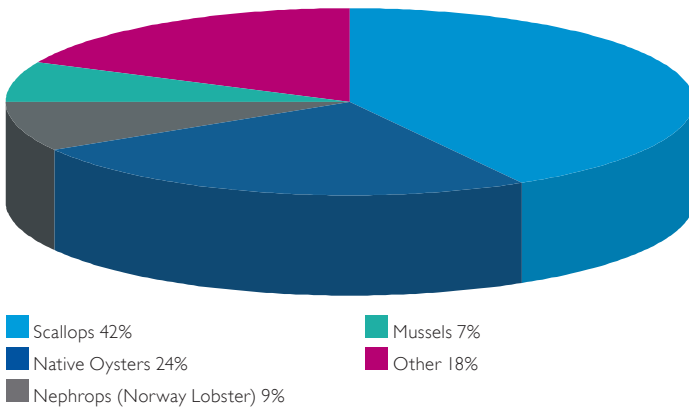


Figure 3.31.2: Total fishing expenses in 2006

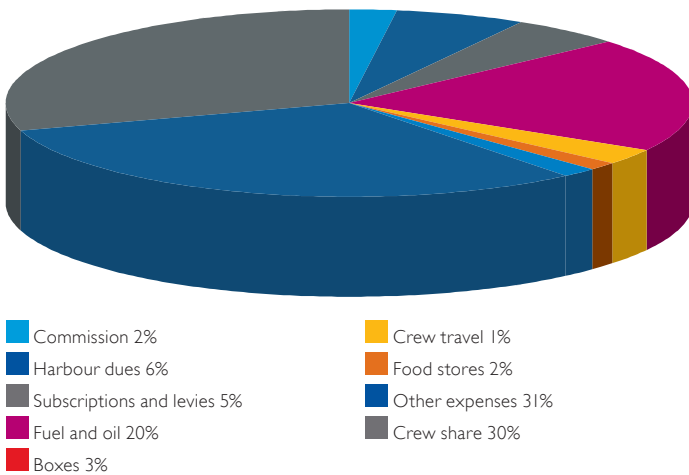


Figure 3.31.3: Total owner expenses in 2006

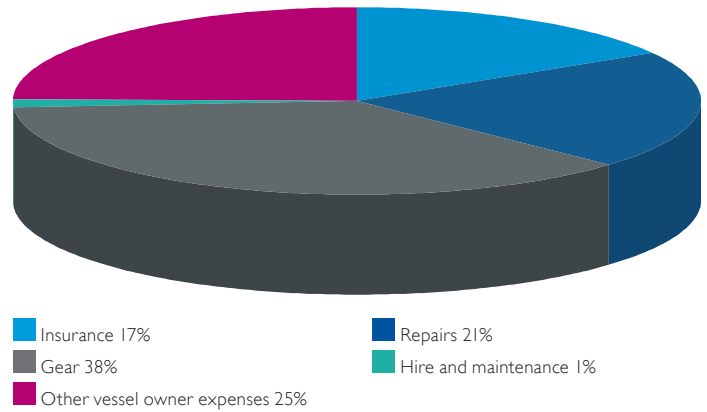


Table 3.31.1 Segment characteristics 2006

	2006
Number of Active Vessels	107
Total Power (kW)	8,071
Total VCU	6,572
Total GT	636
Total Days at sea	4,326
Total Volume of Landings (live weight tonnes)	1,394
Total Value of Landings (£m)	2.6

Table 3.31.2 Average vessel characteristics

All vessels in segment		Survey sample vessels (Number of cases: 4)	
Length (m)	8	Length (m)	8
Power (kW)	75	Power (kW)	72
VCU	61	VCU	61
Registered Tonnage (GT)	6	Registered Tonnage (GT)	7
Days at sea	42	Days at sea	49
Volume of Landings (T)	13	Volume of Landings (T)	6
Value of Landings (£)	25,100	Value of Landings (£)	14,816
Crew Size (full time)	n/a	Crew Size (full time)	1
Vessel age (years)	18	Vessel age (years)	21

Table 3.31.4 Average fishing income

	2006
Fishing Income (£)	25,100
Fishing Income per:	
day (£)	603
VCU (£)	409
trip (£)	176
crew member (£)	25,100

Table 3.31.3 average costs and earnings 2006		
	2006	
	Average (£)	% of Earnings
Earnings	25,400	100.0%
Fishing Income	25,100	98.8%
Non-Fishing Income	300	1.2%
Fishing Expenses		
Commission	500	2.0%
Harbour Dues	1,300	5.1%
Subscriptions and Levies	1,200	4.7%
Shore Labour	0	0.0%
Fuel and Oil	4,300	16.9%
Boxes	600	2.4%
Ice	0	0.0%
Crew Travel	300	1.2%
Food Stores	400	1.6%
Quota Leasing	0	0.0%
Days Purchase	0	0.0%
Other Expenses	6,800	26.8%
Crew Share	6,500	25.6%
Total Fishing Expenses	21,900	86.2%
Vessel Owner Expenses		
Insurance	1,200	17.3%
Repairs	1,500	5.9%
Gear	2,700	10.6%
Hire and Maintenance	100	0.4%
Other Vessel Owner Expenses	1,800	26.0%
Total Vessel Owner Expenses	7,200	28.3%
Total Expenses	29,100	114.6%
Profit *	-3,800	-15.0%
Depreciation	6,500	25.6%
Interest	0	0.0%
Net Profit **	-10,200	-40.2%

Table 3.31.5 Average fuel and oil costs	
	2006
Average cost (£)	4,300
Cost per trip (£)	30
Cost per day at sea (£)	103

Table 3.31.6 Average crew share	
	2006
Annual cost (£)	6,500
Cost per trip (£)	46
Cost per day at sea (£)	156
Cost per man (£)	6,500

Table 3.31.7 Average repair, gear and equipment costs	
	2006
Annual repair cost (£)	1,500
Repair cost per day at sea (£)	36
Annual gear cost (£)	2,700
Gear cost per day at sea (£)	65
Annual hire and maintenance cost (£)	100
Hire and maintenance cost per day at sea (£)	2

Table 3.31.8 Return on fixed assets		
	No of cases 2006	
Average figures for:	2006	
Vessel insurance value (£)	68,300	
Licence value (£)	15,000	
FQA value (£)	650	
Profit (£)	-3,800	
Return on tangible fixed assets (%)	-47.0%	9
Return on fixed assets (%)	-34.6%	9

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Under 10m potters and  
creelers

Segmentation of the under 10m fleet has been adjusted since the 2005 survey in order to provide detailed costs and earnings information for different fishing methods. It is now possible to provide more detailed information on the under 10m fleet due to improved information on the vessels in these segments obtained by fisheries administrations.

The under 10m potters and creelers segment is based at various ports, small harbours and jetties throughout the UK. These vessels spent on average 84 days at sea in 2006 and target species such as lobsters and nephrops, as shown in figure 3.32.1.

Figure 3.32.1: Segment catch composition in 2006

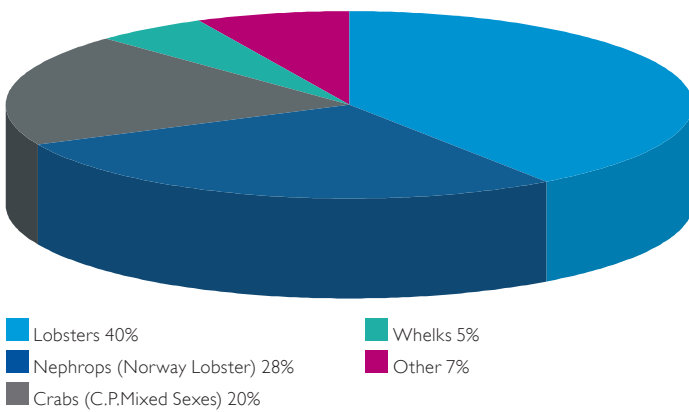


Figure 3.32.2: Total fishing expenses in 2006

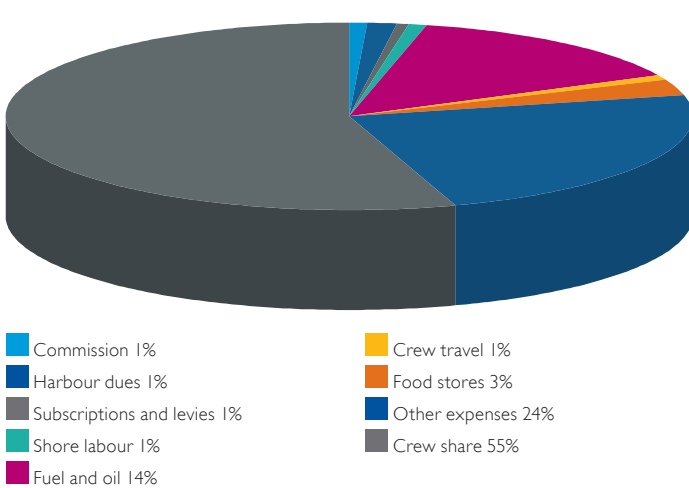


Figure 3.32.3: Total vessel owner expenses in 2006

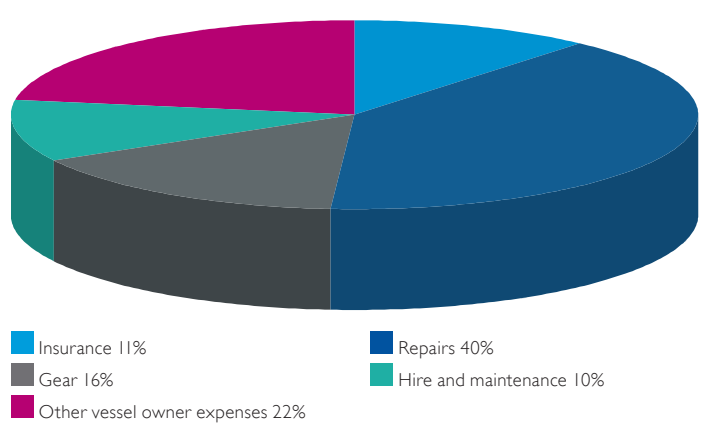


Table 3.32.1 Segment characteristics 2006	
	2006
Number of Active Vessels	1,942
Total Power (kW)	110,697
Total VCU	90,603
Total GT	6,768
Total Days at sea	162,840
Total Volume of Landings (live weight tonnes)	20,143
Total Value of Landings (£m)	48.3

Table 3.32.2 Average vessel characteristics			
All vessels in segment		Survey sample vessels (Number of cases: 80)	
Length (m)	7	Length (m)	9
Power (kW)	57	Power (kW)	94
VCU	47	VCU	72
Registered Tonnage (GT)	3	Registered Tonnage (GT)	6
Days at sea	84	Days at sea	126
Volume of Landings (T)	10	Volume of Landings (T)	21
Value of Landings (£)	25,000	Value of Landings (£)	51,456
Crew Size (full time)	n/a	Crew Size (full time)	2
Vessel age (years)	19	Vessel age (years)	18

Table 3.32.4 Average fishing income	
	2006
Fishing Income (£)	24,900
Fishing Income per:	
day (£)	296
VCU (£)	533
trip (£)	140
crew member (£)	13,810

Table 3.32.3 Average costs and earnings 2006		
	2006	
	Average (£)	% of Earnings
Earnings	25,900	100.0%
Fishing Income	24,900	96.1%
Non-Fishing Income	1,000	3.9%
Fishing Expenses		
Commission	100	0.4%
Harbour Dues	200	0.8%
Subscriptions and Levies	100	0.4%
Shore Labour	100	0.4%
Fuel and Oil	2,000	7.7%
Boxes	0	0.0%
Ice	0	0.0%
Crew Travel	100	0.4%
Food Stores	400	1.5%
Quota Leasing	0	0.0%
Days Purchase	0	0.0%
Other Expenses	3,300	12.7%
Crew Share	7,700	29.7%
Total Fishing Expenses	13,900	53.7%
Vessel Owner Expenses		
Insurance	1,500	5.8%
Repairs	5,300	20.5%
Gear	2,100	8.1%
Hire and Maintenance	1,400	5.4%
Other Vessel Owner Expenses	3,000	11.6%
Total Vessel Owner Expenses	13,400	51.7%
Total Expenses	27,300	105.4%
Profit *	-1,400	-5.4%
Depreciation	300	1.2%
Interest	0	0.0%
Net Profit **	-1,700	-6.6%

Table 3.32.5 Average fuel and oil costs	
	2006
Average cost (£)	2,000
Cost per trip (£)	11
Cost per day at sea (£)	24

Table 3.32.6 Average crew share	
	2006
Annual cost (£)	7,700
Cost per trip (£)	43
Cost per day at sea (£)	92
Cost per man (£)	4,271

Table 3.32.7 Average repair, gear and equipment costs	
	2006
Annual repair cost (£)	5,300
Repair cost per day at sea (£)	63
Annual gear cost (£)	2,100
Gear cost per day at sea (£)	25
Annual hire and maintenance cost (£)	1,400
Hire and maintenance cost per day at sea (£)	17

Table 3.32.8 Return on fixed assets		
	No of cases 2006	
Average figures for:	2006	
Vessel insurance value (£)	46,800	
Licence value (£)	17,200	
FQA value (£)	3,000	
Profit (£)	-1,400	
Return on tangible fixed assets (%)	11.1%	134
Return on fixed assets (%)	5.9%	134

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Under 10m other  
mobile gears



Segmentation of the under 10m fleet has been adjusted since the 2005 survey in order to provide detailed costs and earnings information for different fishing methods. It is now possible to provide more detailed information on the under 10m fleet because of improved information on the vessels in these segments obtained by fisheries administrations.

The under 10m other mobile gears segments includes vessels who use polyvalent and beam trawling fishing methods. This segment is predominately based in the south of England and in 2006 vessels in this segment spent an average of 31 days at sea, according to official statistics.

Unfortunately, there was not enough financial data available from vessels in this segment to produce accurate costs, profits and capital information.

Figure 3.33.1: Segment catch composition in 2006

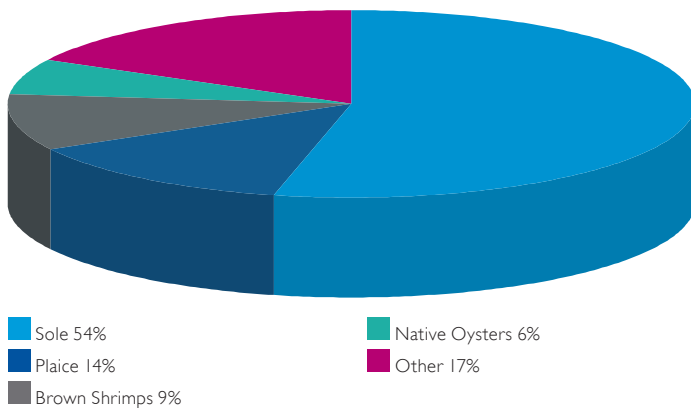


Table 3.33.1 Segment characteristics 2006	
	2006
Number of Active Vessels	31
Total Power (kW)	2,465
Total VCU	2,144
Total GT	250
Total Days at sea	927
Total Volume of Landings (live weight tonnes)	247
Total Value of Landings (£m)	0.6

Table 3.33.2 Average vessel characteristics	
All vessels in segment	
Length (m)	9
Power (kW)	80
VCU	69
Registered Tonnage (GT)	8
Days at sea	31
Volume of Landings (T)	8
Value of Landings (£)	20,000
Crew Size (full time)	n/a
Vessel age (years)	16

Table 3.33.3 Average fishing income	
	2006
Fishing Income (£)	20,300
Fishing Income per:	
day (£)	657
VCU (£)	294
trip (£)	n/a
crew member (£)	n/a

Under 10m other  
passive gears

Segmentation of the under 10m fleet has been adjusted since the 2005 survey in order to provide detailed costs and earnings information for different fishing methods. It is now possible to provide more detailed information on the under 10m fleet due to improved information on the vessels in these segments obtained by fisheries administrations.

The under 10m other passive gears segments includes vessels who use drift and fixed nets, gears using hooks and polyvalent fishing techniques. Vessels in this segment are based at various ports, harbours and jetties throughout the UK and spent an average of 36 days at sea in 2006, according to official statistics.

Figure 3.34.1: Segment catch composition in 2006

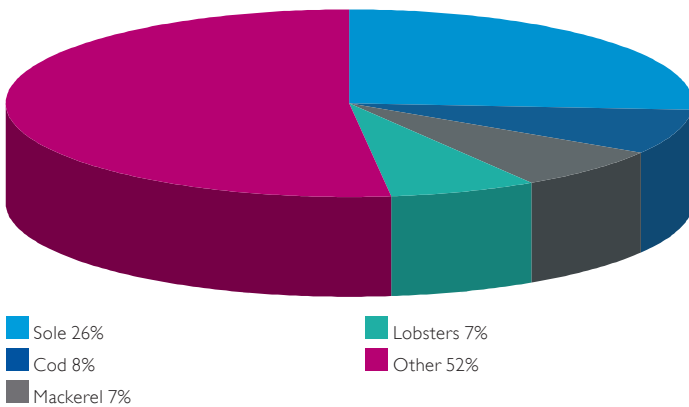


Figure 3.34.2: Total fishing expenses in 2006

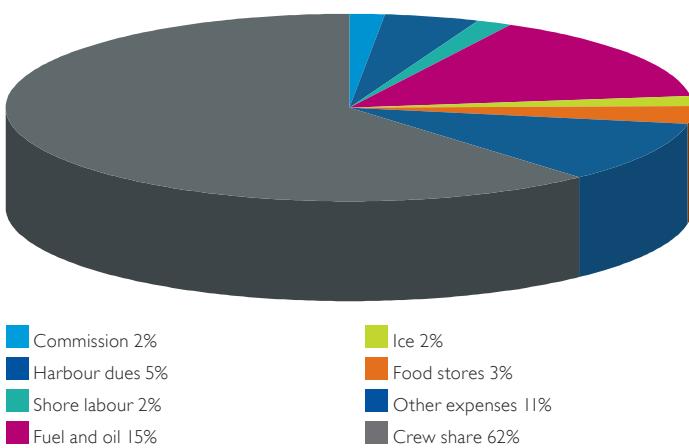


Figure 3.34.3: Total owner expenses in 2006

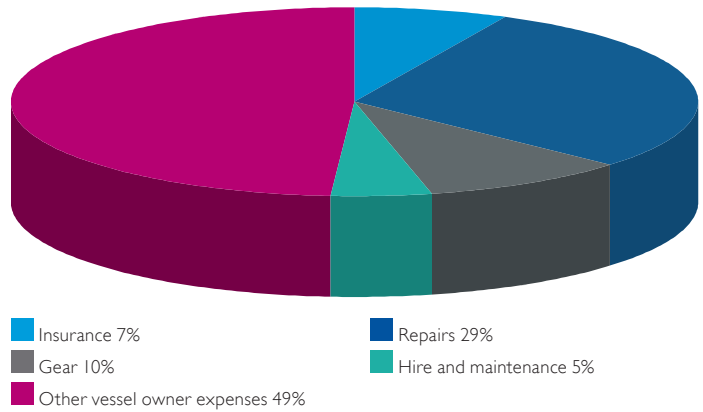


Table 3.34.1 Segment characteristics 2006

	2006
Number of Active Vessels	651
Total Power (kW)	35,370
Total VCU	28,921
Total GT	2,162
Total Days at sea	23,357
Total Volume of Landings (live weight tonnes)	3,001
Total Value of Landings (£m)	5.5

Table 3.34.2 Average vessel characteristics

All vessels in segment		Survey sample vessels (Number of cases: 18)	
Length (m)	7	Length (m)	9
Power (kW)	54	Power (kW)	90
VCU	44	VCU	71
Registered Tonnage (GT)	3	Registered Tonnage (GT)	7
Days at sea	36	Days at sea	73
Volume of Landings (T)	5	Volume of Landings (T)	9
Value of Landings (£)	8,400	Value of Landings (£)	20,037
Crew Size (full time)	n/a	Crew Size (full time)	2
Vessel age (years)	19	Vessel age (years)	20

Table 3.34.4 Average fishing income

	2006
Fishing Income (£)	8,400
Fishing Income per:	
day (£)	233
VCU (£)	189
trip (£)	60
crew member (£)	4,582

Table 3.34.3 average costs and earnings 2006		
	2006	
	Average (£)	% of Earnings
Earnings	11,000	100.0%
Fishing Income	8,400	76.4%
Non-Fishing Income	2,600	23.6%
Fishing Expenses		
Commission	100	0.9%
Harbour Dues	300	2.7%
Subscriptions and Levies	0	0.0%
Shore Labour	100	0.9%
Fuel and Oil	1,000	9.1%
Boxes	0	0.0%
Ice	100	0.9%
Crew Travel	0	0.0%
Food Stores	200	1.8%
Quota Leasing	0	0.0%
Days Purchase	0	0.0%
Other Expenses	700	6.4%
Crew Share	4,000	36.4%
Total Fishing Expenses	6,500	59.1%
Vessel Owner Expenses		
Insurance	300	2.7%
Repairs	1,200	10.9%
Gear	400	3.6%
Hire and Maintenance	200	1.8%
Other Vessel Owner Expenses	2,000	18.2%
Total Vessel Owner Expenses	4,100	37.3%
Total Expenses	10,600	96.4%
Profit *	400	3.6%
Depreciation	100	0.9%
Interest	200	1.8%
Net Profit **	100	0.9%

Table 3.34.5 Average fuel and oil costs	
	2006
Average cost (£)	1,000
Cost per trip (£)	7
Cost per day at sea (£)	28

Table 3.34.6 Average crew share	
	2006
Annual cost (£)	4,000
Cost per trip (£)	28
Cost per day at sea (£)	111
Cost per man (£)	2,182

Table 3.34.7 Average repair, gear and equipment costs	
	2006
Annual repair cost (£)	1,200
Repair cost per day at sea (£)	33
Annual gear cost (£)	400
Gear cost per day at sea (£)	11
Annual hire and maintenance cost (£)	200
Hire and maintenance cost per day at sea (£)	6

\* Profit before deducting depreciation, interest and tax

\*\* Net profit after deducting depreciation and interest but before tax

Under 10m mobile and  
passive polyvalent

Segmentation of the under 10m fleet has been adjusted since the 2005 survey in order to provide detailed costs and earnings information for different fishing methods. It is now possible to provide more detailed information on the under 10m fleet due to improved information on the vessels in these segments obtained by fisheries administrations.

The under 10m mobile and passive polyvalent segment is based at various ports around the UK including Kirkwall, Mallaig and Newlyn. In 2006 vessels in this segment spent an average of 92 days at sea targeting species such as scallops, razor clams and nephrops (see figure 3.35.1).

Unfortunately, there was not enough financial data available from vessels in this segment to produce accurate costs, profits and capital information.

Figure 3.35.1: Segment catch composition in 2006

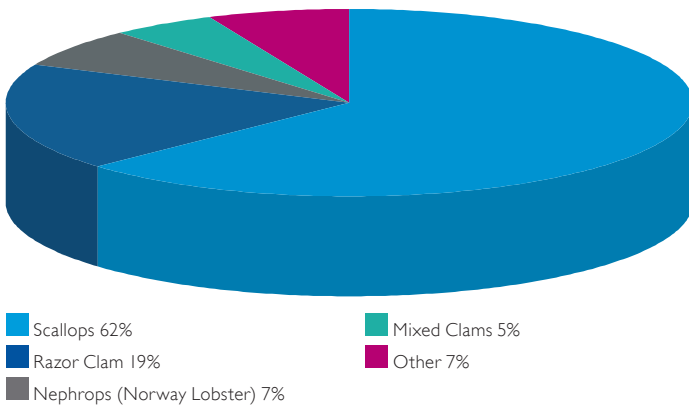


Table 3.35.1 Segment characteristics 2006		2006
Number of Active Vessels		39
Total Power (kW)		2,328
Total VCU		1,864
Total GT		152
Total Days at sea		3,485
Total Volume of Landings (live weight tonnes)		402
Total Value of Landings (£m)		0.8

Table 3.35.2 Average vessel characteristics		All vessels in segment
Length (m)		7
Power (kW)		60
VCU		48
Registered Tonnage (GT)		4
Days at sea		92
Volume of Landings (T)		11
Value of Landings (£)		22,000
Crew Size (full time)		n/a
Vessel age (years)		22

Table 3.35.3 Average fishing income		2006
Fishing Income (£)		22,000
Fishing Income per:		
day (£)		240
VCU (£)		460
trip (£)		127
crew member (£)		11,000

# Appendices



## Appendix I

Table I

Average earnings, costs and vessel characteristics of UK fleet segments in 2006

Segment	Active Vessel Population	Average Vessel Length (m)	Average Gross Tonnage (GT)	Average Power (kW)	Average VCU's	Average Days Fished in 2006	Average Volume of Landings Per Vessel (tonnes)	Fishing Income (£000's)	Non-Fishing Income (£000's)	Total Income (£000's)
Area VII scallop dredge	77	19.0	82.3	312.8	261.5	166	331.7	300.2	1.9	302.2
Area VIIA nephrops single-rig trawl	67	15.7	47.8	185.8	167.9	138	67.0	117.8	0.1	117.9
Area VIIA nephrops twin-rig trawl	34	19.3	90.5	310.5	256.8	177	124.7	247.4	4.1	251.5
Area VIIDEFG trawlers 15-40m	24	30.0	227.4	548.1	469.5	222	205.7	461.2	n/a	n/a
Area VIIDEFG trawlers 10-15m	60	12.7	27.4	172.7	139.7	159	59.3	124.5	12.7	137.2
Area VIIDEFG trawlers 40m+	8	53.7	1,243.1	1,941.7	1,448.4	242	2,495.3	2,448.5	n/a	n/a
Gill netters	61	22.0	134.5	322.2	286.8	167	132.9	277.2	19.2	296.4
Irish Sea demersal trawl	24	20.1	101.3	319.7	269.7	131	69.1	124.3	11.7	136.0
Long line vessels	13	25.4	178.3	367.2	334.3	218	274.3	494.4	n/a	n/a
North Sea beam trawl over 300kw	26	40.4	421.4	1,468.6	1,012.0	205	504.9	857.7	0.0	857.7
North Sea beam trawl under 300kw	28	14.2	26.8	167.0	144.7	47	22.0	33.3	n/a	n/a
North Sea nephrops single-rig trawl	135	16.2	75.2	251.9	208.1	152	126.7	273.2	6.3	279.5
North Sea nephrops twin-rig trawl	54	19.9	129.8	367.8	295.4	184	204.6	442.2	5.5	447.7
North Sea and West of Scotland demersal trawl over 24m	43	32.7	490.4	1,052.8	773.4	235	1,406.9	1,298.1	19.1	1,317.2
North Sea and West of Scotland demersal pair trawl/seine	47	23.2	170.4	440.9	359.5	181	467.8	608.5	18.4	627.0
North Sea and West of Scotland demersal seine netters	25	22.1	141.1	374.1	316.7	157	421.0	506.9	29.2	536.1
North Sea and West of Scotland demersal twin-rig trawl	22	20.9	190.5	516.6	385.3	179	418.5	646.3	8.9	655.2
North Sea and West of Scotland demersal trawl under 24m, over 300kw	23	20.7	157.4	435.4	340.9	178	276.7	521.6	20.3	541.8
North Sea and West of Scotland demersal trawl under 24m, under 300kw	20	15.0	46.2	182.8	162.8	113	89.1	134.8	n/a	n/a
North Sea and West of Scotland scallop dredge	91	16.0	50.3	235.5	194.2	131	124.7	201.2	4.9	206.1
Potters and creelers 10-12m	185	11.1	12.2	121.3	99.5	149	43.5	88.3	3.7	91.9
Potters and creelers over 12m	86	15.9	57.5	206.7	181.4	172	191.1	249.8	6.1	255.9
South West beam trawl under 221kW	11	19.9	90.7	204.5	214.8	211	157.1	370.5	n/a	n/a
South West beam trawl over 221kW, over 30m	12	33.5	238.9	854.6	635.2	247	306.1	748.5	0.0	748.5
South West beam trawl over 221kW, under 30m	38	26.5	131.8	503.4	398.5	188	152.8	398.4	3.1	401.5
UK pelagic 10-40m	17	17.5	77.1	264.6	218.9	130	292.6	264.8	9.1	273.9
UK pelagic over 40m	28	63.9	1,744.2	4,204.3	2,729.7	81	10,312.1	4,141.2	6.3	4,147.4
West of Scotland nephrops single-rig trawl	137	14.4	36.7	163.2	147.0	155	59.2	130.1	1.1	131.1
West of Scotland nephrops twin-rig trawl	23	17.1	69.9	258.0	215.9	187	105.8	268.8	0.3	269.1
Under 10m demersal trawlers and seiners	315	9.4	9.3	102.4	82.5	75	18.8	41.9	0.6	42.5
Under 10m scallop dredge	107	8.1	5.9	75.4	61.4	42	13.4	25.1	0.3	25.4
Under 10m potters and creelers	1,942	7.3	3.5	57.0	46.7	84	10.4	24.9	1.0	25.9
Under 10m other mobile gears	31	9.0	8.1	79.5	69.1	31	8.2	20.3	n/a	n/a
Under 10m other passive gears	651	7.1	3.3	54.3	44.4	36	4.6	8.4	2.6	11.0
Under 10m mobile and passive polyvalent	39	7.2	3.9	59.7	47.8	92	10.6	22.1	n/a	n/a



Fuel and Oil (£000's)	Quota Leasing (£000's)	Days Purchase (£000's)	Other Effort Related Costs (£000's)	Fixed Costs (£000's)	Total Expenses (£000's)	Profit (before depreciation and interest) (£000's)	Net Profit (after depreciation and interest) (£000's)	Gross Value Added (£000's)	Gross Cash Flow (£000's)	Segment
63.1	0.0	0.0	143.4	62.6	269.1	38.1	21.1	137.6	61.8	Area VII scallop dredge
19.0	0.0	0.0	59.1	46.0	124.1	-6.2	-7.8	27.1	19.7	Area VIIA nephrops single-rig trawl
56.8	0.1	0.0	94.6	62.4	213.8	37.7	29.8	104.5	70.3	Area VIIA nephrops twin-rig trawl
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Area VIIDEFG trawlers 15-40m
21.8	1.5	0.0	63.9	30.5	116.2	21.0	13.6	55.5	39.6	Area VIIDEFG trawlers 10-15m
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Area VIIDEFG trawlers 40m+
53.0	0.0	0.0	194.3	58.9	306.2	-9.8	-10.0	70.4	27.9	Gill netters
36.5	0.8	0.0	63.6	40.6	140.7	-4.7	-8.6	37.6	19.9	Irish Sea demersal trawl
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Long line vessels
449.2	4.1	0.0	257.5	164.0	874.8	-17.1	-54.5	234.1	196.9	North Sea beam trawl over 300kw
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	North Sea beam trawl under 300kw
39.5	3.8	0.3	120.9	62.2	226.7	52.9	47.7	119.4	83.1	North Sea nephrops single-rig trawl
69.2	7.8	0.3	173.0	80.9	331.2	116.5	70.2	223.0	157.9	North Sea nephrops twin-rig trawl
330.6	61.8	17.3	556.1	188.2	1,153.9	163.3	110.4	530.4	257.6	North Sea and West of Scotland demersal trawl over 24m
83.5	28.7	0.5	234.1	132.7	479.5	147.5	95.5	295.4	210.7	North Sea and West of Scotland demersal pair trawl/seine
55.7	16.5	1.0	209.6	99.2	382.0	154.1	116.6	310.7	194.9	North Sea and West of Scotland demersal seine netters
149.8	22.9	2.5	270.0	181.0	626.2	29.0	-14.5	197.7	138.1	North Sea and West of Scotland demersal twin-rig trawl
80.3	17.6	0.0	192.0	136.2	426.1	115.7	89.6	247.5	182.1	North Sea and West of Scotland demersal trawl under 24m, over 300kw
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	North Sea and West of Scotland demersal trawl under 24m, under 300kw
39.5	0.1	0.0	74.5	55.4	169.5	36.6	8.2	82.3	63.7	North Sea and West of Scotland scallop dredge
0.9	0.0	0.0	54.6	32.1	87.0	4.9	4.1	23.1	25.0	Potters and creelers 10-12m
22.0	0.4	0.0	143.9	40.8	207.1	48.8	35.0	112.9	73.6	Potters and creelers over 12m
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	South West beam trawl under 221kW
221.5	16.4	0.0	240.6	181.9	660.4	88.1	-12.3	275.5	119.7	South West beam trawl over 221kW, over 30m
127.8	0.0	0.0	184.8	99.6	412.2	-10.7	-13.4	110.3	10.9	South West beam trawl over 221kW, under 30m
16.4	0.5	0.0	87.0	40.7	144.6	129.3	99.2	176.7	148.8	UK pelagic 10-40m
543.6	40.0	0.0	1,561.8	428.3	2,573.7	1,573.7	974.6	2,504.9	1,831.6	UK pelagic over 40m
17.1	0.5	0.1	63.2	46.2	127.1	4.0	3.1	34.2	27.3	West of Scotland nephrops single-rig trawl
37.2	0.6	0.0	100.8	59.6	198.2	70.9	50.9	131.9	100.8	West of Scotland nephrops twin-rig trawl
6.9	0.1	0.0	21.1	12.6	40.7	1.8	1.2	12.2	10.0	Under 10m demersal trawlers and seiners
4.3	0.0	0.0	17.6	7.2	29.1	-3.8	-10.2	2.7	1.9	Under 10m scallop dredge
2.0	0.0	0.0	11.9	13.4	27.3	-1.4	-1.7	6.3	5.3	Under 10m potters and creelers
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Under 10m other mobile gears
1.0	0.0	0.0	5.5	4.1	10.6	0.4	0.1	4.4	3.1	Under 10m other passive gears
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Under 10m mobile and passive polyvalent

Table 2  
Total Earnings, costs and segment characteristics of the UK fleet in 2006

Segment	Active Vessel Population	Average Vessel Age	Gross Tonnage (000's)	Power kW (000's)	VCU (000's)	Days at Sea 2006 (000's)	Volume of Landings (000's tonnes)	Fishing Income (£m)	Non-Fishing Income (£m)	Total Income (£m)
Area VII scallop dredge	77	23	6.3	23.8	19.9	10	19.9	18.0	0.1	18.2
Area VIIA nephrops single-rig trawl	67	32	3.2	12.4	11.2	9	4.3	7.5	0.0	7.5
Area VIIA nephrops twin-rig trawl	34	28	3.1	10.6	8.7	6	4.1	8.2	0.1	8.3
Area VIIDEFG trawlers 15-40m	24	30	5.5	13.2	11.3	5	4.7	10.6	n/a	n/a
Area VIIDEFG trawlers 10-15m	60	19	1.6	10.4	8.4	9	3.5	7.3	0.8	8.1
Area VIIDEFG trawlers 40m+	8	22	9.9	15.5	11.6	2	17.5	17.1	n/a	n/a
Gill netters	61	31	8.2	19.7	17.5	10	7.6	15.8	1.2	17.0
Irish Sea demersal trawl	24	31	2.4	7.7	6.5	3	1.6	2.9	0.3	3.1
Long line vessels	13	30	2.3	4.8	4.3	3	3.3	5.9	n/a	n/a
North Sea beam trawl over 300kw	26	21	11.0	38.2	26.3	5	12.6	21.4	0.0	21.4
North Sea beam trawl under 300kw	28	23	0.7	4.7	4.1	1	0.5	0.8	n/a	n/a
North Sea nephrops single-rig trawl	135	24	10.2	34.0	28.1	20	16.7	36.1	0.9	36.9
North Sea nephrops twin-rig trawl	54	20	6.9	19.5	15.7	10	10.8	23.4	0.3	23.7
North Sea and West of Scotland demersal trawl over 24m	43	15	21.1	45.3	33.3	10	57.7	53.2	0.8	54.0
North Sea and West of Scotland demersal pair trawl/seine	47	21	8.0	20.7	16.9	9	22.0	28.6	0.9	29.5
North Sea and West of Scotland demersal seine netters	25	25	3.5	9.4	7.9	4	9.7	11.7	0.7	12.4
North Sea and West of Scotland demersal twin rig trawl	22	13	4.2	11.4	8.5	4	9.2	14.2	0.2	14.4
North Sea and West of Scotland demersal trawl under 24m, over 300kw	23	16	3.6	10.0	7.8	4	6.4	12.0	0.5	12.5
North Sea and West of Scotland demersal trawl under 24m, under 300kw	20	30	0.9	3.7	3.3	2	1.8	2.7	n/a	n/a
North Sea and West of Scotland scallop dredge	91	25	4.6	21.4	17.7	11	10.6	17.1	0.4	17.6
Potters and creelers 10-12m	185	24	2.3	22.4	18.4	27	7.8	15.9	0.7	16.6
Potters and creelers over 12m	86	26	4.9	17.8	15.6	15	16.1	21.0	0.5	21.5
South West beam trawl under 221kW	11	16	1.0	2.3	2.4	2	1.7	4.1	n/a	n/a
South West beam trawl over 221kW, over 30m	12	26	2.9	10.3	7.6	3	3.1	7.5	0.0	7.5
South West beam trawl over 221kW, under 30m	38	37	5.0	19.1	15.1	6	5.2	13.5	0.1	13.7
UK pelagic 10-40m	17	31	1.3	4.5	3.7	2	5.0	4.5	0.2	4.7
UK pelagic over 40m	28	8	48.8	117.7	76.4	2	278.4	111.8	0.2	112.0
West of Scotland nephrops single-rig trawl	137	30	5.0	22.2	20.0	21	7.9	17.4	0.2	17.6
West of Scotland nephrops twin-rig trawl	23	26	1.6	5.9	5.0	4	2.3	5.9	0.0	5.9
<b>All over 10m segments</b>	<b>1,427</b>	<b>740</b>	<b>191</b>	<b>560</b>	<b>435</b>	<b>217</b>	<b>555</b>	<b>527</b>	<b>9</b>	<b>484</b>
Under 10m demersal trawlers and seiners	315	17	2.9	32.2	25.9	23	5.9	13.1	0.2	13.3
Under 10m scallop dredge	107	18	0.6	8.1	6.6	4	1.4	2.6	0.0	2.6
Under 10m potters and creelers	1,942	19	6.8	110.7	90.6	163	20.1	48.3	1.9	50.3
Under 10m other mobile gears	31	16	0.3	2.5	2.1	1	0.2	0.6	n/a	n/a
Under 10m other passive gears	651	19	2.2	35.4	28.9	23	3.0	5.5	1.7	7.2
Under 10m mobile and passive polyvalent	39	22	0.2	2.3	1.9	4	0.4	0.8	n/a	n/a
<b>All under 10m segments</b>	<b>3,085</b>	<b>112</b>	<b>13</b>	<b>191</b>	<b>156</b>	<b>218</b>	<b>31</b>	<b>71</b>	<b>4</b>	<b>73</b>
<b>Entire Active UK Fleet</b>	<b>4,512</b>	<b>852</b>	<b>203.4</b>	<b>751.1</b>	<b>590.6</b>	<b>436</b>	<b>586.0</b>	<b>597.7</b>	<b>12.8</b>	<b>610.6</b>

Fuel and Oil (£m)	Quota Leasing (£m)	Days Purchased (£m)	Other Effort Related Costs (£m)	Crew Share (£m)	Fixed Costs (£m)	Profit (before depreciation and interest) (£m)	Net Profit (after depreciation and interest) (£m)	Gross Value Added (£m)	Gross Cash Flow (£m)	Segment
4.9	0.0	0.0	11.2	4.8	20.7	2.9	1.6	10.6	4.8	Area VII scallop dredge
1.3	0.0	0.0	4.0	3.1	8.3	-0.4	-0.5	1.8	1.3	Area VIIA nephrops single-rig trawl
1.9	0.0	0.0	3.2	2.1	7.3	1.3	1.0	3.6	2.4	Area VIIA nephrops twin-rig trawl
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Area VIIDEFG trawlers 15-40m
1.3	0.1	0.0	3.7	1.8	7.0	1.3	0.8	3.3	2.4	Area VIIDEFG trawlers 10-15m
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Area VIIDEFG trawlers 40m+
3.2	0.0	0.0	11.9	3.6	18.7	-0.6	-0.6	4.3	1.7	Gill netters
0.9	0.0	0.0	1.5	1.0	3.4	-0.1	-0.2	0.9	0.5	Irish Sea demersal trawl
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Long line vessels
11.7	0.1	0.0	2.4	4.3	4.2	-0.4	-1.4	2.9	5.1	North Sea beam trawl over 300kw
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	North Sea beam trawl under 300kw
5.3	0.5	0.0	16.3	8.4	30.6	7.1	6.4	16.1	11.2	North Sea nephrops single-rig trawl
3.7	0.4	0.0	9.3	4.4	17.9	6.3	3.8	12.0	8.5	North Sea nephrops twin-rig trawl
14.2	2.7	0.7	23.9	8.1	49.6	7.0	4.7	22.8	11.1	North Sea and West of Scotland demersal trawl over 24m
3.9	1.3	0.0	11.0	6.2	22.5	6.9	4.5	13.9	9.9	North Sea and West of Scotland demersal pair trawl/seine
1.4	0.4	0.0	5.2	2.5	9.6	3.7	2.8	7.6	4.9	North Sea and West of Scotland demersal seine netters
3.3	0.5	0.1	5.9	4.0	13.8	0.6	-0.3	4.3	3.0	North Sea and West of Scotland demersal twin rig trawl
1.8	0.4	0.0	4.4	3.1	9.8	2.7	2.1	5.7	4.2	North Sea and West of Scotland demersal trawl under 24m, over 300kw
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	North Sea and West of Scotland demersal trawl under 24m, under 300kw
3.6	0.0	0.0	6.8	5.0	15.4	3.3	0.7	7.5	5.8	North Sea and West of Scotland scallop dredge
0.2	0.0	0.0	10.1	5.9	16.1	0.9	0.8	4.3	4.6	Potters and creelers 10-12m
1.9	0.0	0.0	12.4	3.5	17.8	4.2	3.0	9.7	6.3	Potters and creelers over 12m
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	South West beam trawl under 221kW
2.7	0.2	0.0	2.9	2.2	7.9	0.8	-0.1	3.0	1.4	South West beam trawl over 221kW, over 30m
4.9	0.0	0.0	7.0	3.8	15.7	-0.4	-0.5	4.2	0.4	South West beam trawl over 221kW, under 30m
0.3	0.0	0.0	1.5	0.7	2.5	2.2	1.7	3.0	2.5	UK pelagic 10-40m
15.2	1.1	0.0	43.7	12.0	72.1	44.1	27.3	70.1	51.3	UK pelagic over 40m
2.3	0.1	0.0	8.7	6.3	17.4	0.5	0.4	4.7	3.7	West of Scotland nephrops single-rig trawl
0.9	0.0	0.0	2.3	1.4	4.6	1.6	1.2	3.0	2.3	West of Scotland nephrops twin-rig trawl
<b>91</b>	<b>8</b>	<b>1</b>	<b>210</b>	<b>100</b>	<b>409</b>	<b>97</b>	<b>58</b>	<b>222</b>	<b>149</b>	<b>All over 10m segments</b>
2.2	0.0	0.0	6.6	4.0	12.8	0.6	0.4	3.8	3.2	Under 10m demersal trawlers and seiners
0.5	0.0	0.0	1.9	0.8	3.1	-0.4	-1.1	0.3	0.2	Under 10m scallop dredge
3.9	0.0	0.0	23.1	26.0	53.0	-2.7	-3.3	12.2	10.3	Under 10m potters and creelers
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Under 10m other mobile gears
0.7	0.0	0.0	3.6	2.7	6.9	0.3	0.1	2.9	2.0	Under 10m other passive gears
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Under 10m mobile and passive polyvalent
<b>7</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>33</b>	<b>76</b>	<b>-2</b>	<b>-4</b>	<b>19</b>	<b>16</b>	<b>All under 10m segments</b>
<b>97.9</b>	<b>8.0</b>	<b>0.9</b>	<b>245.4</b>	<b>132.9</b>	<b>484.9</b>	<b>94.8</b>	<b>54.1</b>	<b>241.2</b>	<b>165.1</b>	<b>Entire Active UK Fleet</b>

## Appendix 2

Table 1  
2005 Accounts Returns

Vessel Segment in 2005	Active Vessel Population	Number of Returns	% Coverage
Area VII DEFG trawlers 10-15m	57	13	23%
Area VII DEFG trawlers 15-40m	33	0	0%
Area VII DEFG trawlers over 40m	9	0	0%
Area VII scallop dredgers	56	11	20%
Gill netters	61	6	10%
Irish Sea demersal trawl	23	9	39%
Irish Sea nephrops single-rig trawl	61	12	20%
Irish Sea nephrops twin-rig trawl	31	13	42%
Long liners	13	3	23%
North Sea and West of Scotland demersal pair seine/trawl	48	29	60%
North Sea and West of Scotland demersal seiners	22	12	55%
North Sea and West of Scotland demersal single-rig trawl over 24m	38	20	53%
North Sea and West of Scotland demersal single-rig trawl under 24m over 300kW	22	12	55%
North Sea and West of Scotland demersal single-rig trawl under 24m under 300kW	17	0	0%
North Sea and West of Scotland demersal twin-rig trawl	19	15	79%
North Sea and West of Scotland scallop dredgers	75	16	21%
North Sea beam trawl over 300kW	29	12	41%
North Sea beam trawl under 300kW	17	0	0%
North Sea nephrops single rig trawl	130	35	27%
North Sea nephrops twin rig trawl	55	26	47%
Pelagic	33	0	0%
Potters and creelers 10-12m	145	5	3%
Potters and creelers Over 12m	78	12	15%
South West beam trawl over 30m over 221kW	15	13	87%
South West beam trawl under 221kW	11	2	18%
South West beam trawl under 30m over 221kW	36	22	61%
West of Scotland nephrops single-rig trawl	130	22	17%
West of Scotland nephrops twin-rig trawl	26	14	54%
<b>All over 10m segments</b>	<b>1398</b>	<b>334</b>	<b>24%</b>
England and Wales under 10m static gear	1017	28	3%
England and Wales under 10m mobile gear	862	21	2%
Scottish under 10m static gear	703	40	6%
Scottish under 10m mobile gear	266	17	6%
<b>All Under 10m segments</b>	<b>3114</b>	<b>106</b>	<b>3%</b>
Entire UK Fleet	4512	440	10%

Table 2  
2006 Accounts Returns

Fleet Segment 2006	Active Vessel Population	Number of Returns	% Coverage
Long liners	20	2	15%
Area VII scallopers	77	18	23%
Area VIIA nephrops single-rig trawl	67	12	18%
Area VIIA nephrops twin-rig trawl	34	6	18%
Area VIIDEFG trawlers 15-40m	24	2	8%
Area VIIDEFG trawlers 10-15m	60	10	17%
Area VIIDEFG trawlers 40m+	8	2	25%
Gill netters	61	4	7%
Irish Sea demersal trawl	24	7	29%
North Sea beam trawl over 300kw	26	13	50%
North Sea beam trawl under 300kw	28	0	0%
North Sea nephrops single-rig trawl	135	42	31%
North Sea nephrops twin-rig trawl	54	21	39%
North Sea and West of Scotland demersal trawl over 24m	43	22	51%
North Sea and West of Scotland demersal pair trawl/seine	47	24	51%
North Sea and West of Scotland demersal seiners	25	14	56%
North Sea and West of Scotland demersal twin rig trawl	22	6	27%
North Sea and West of Scotland demersal trawl under 24 over 300kw	23	11	48%
North Sea and West of Scotland demersal trawl under 24 under 300kw	20	2	10%
North Sea and West of Scotland scallop dredgers	88	20	23%
Potters and creelers 10-12m	185	25	14%
Potters and creelers over 12m	86	9	11%
South West and English Channel beam trawl under 221 kw	11	1	9%
South West and English Channel beam trawl over 221kW over 30m	12	5	42%
South West and English Channel beam trawl over 221kW under 30m	38	12	32%
UK pelagic 10-40m	17	3	18%
UK pelagic over 40m	28	7	25%
West of Scotland nephrops single-rig trawl	137	36	26%
West of Scotland nephrops twin-rig trawl	23	8	35%
<b>All over 10m segments</b>	<b>1423</b>	<b>344</b>	<b>24%</b>
Under 10m demersal trawlers and seiners	315	30	10%
Under 10m scallop dredge	107	4	4%
Under 10m other mobile gears	31	2	7%
Under 10m potters and creelers	1942	80	4%
Under 10m mobile and passive polyvalent	39	1	3%
Under 10m other passive gears	652	19	3%
<b>All under 10m segments</b>	<b>3086</b>	<b>136</b>	<b>4%</b>
Entire UK Fleet	4509	480	11%

## Appendix 3

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