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FISHERIES STATISTICS 1992



Salmonid and Freshwater Fisheries Statistics for England and Wales
(Declared catches of salmon and migratory trout, by rod, nets and other instruments and inclusive of the available catch data for eels and freshwater fish).

Salmonid and Freshwater Fisheries Statistics for England and Wales

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Fisheries Technical Reports

1. Sea Trout in England and Wales.
2. Analysis of Sea Trout Catch Statistics for England and Wales.
3. Sea Trout Literature Review and Bibliography.
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NRA Strategies (FRCN)

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NRA

National Rivers Authority

SALMONID AND FRESHWATER FISHERIES STATISTICS FOR ENGLAND AND WALES, 1992

(Declared catches of salmon and migratory trout, by rod, nets and other instruments and inclusive of the available catch data for eels and freshwater fish).

This report has been prepared by the National Rivers Authority. Data for the years 1983-1988 have been published in the Ministry of Agriculture, Fisheries and Food, Fisheries Research Data Report Series.

LONDON : HMSO

ENVIRONMENT AGENCY



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Fisheries aims

- To maintain, improve and develop fisheries.

Fisheries objectives

- Protect and conserve salmon, trout, freshwater fish, eel and, where appropriate, coastal fisheries.
- Regulate fisheries through the enforcement of a consistent series of licences, orders, byelaws and consents.
- Monitor the fisheries status of rivers, inland, estuary and, where appropriate, coastal waters.
- Formulate policies to maintain, improve and develop fisheries and restore and rehabilitate damaged fisheries.
- Provide an efficient and effective fisheries service which is responsive to the needs of its customers and which is based on a sound charging system.

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GLOSSARY OF TERMS

CPUE	Catch Per Unit Effort
NETS	Instruments other than rod and line (including nets and fixed engines such as cribbs, putts, putchers, baulks, fishing weirs and traps as used for the capture of migratory salmonids).
EIFAC	European Inland Fisheries Advisory Commission
NASCO	North Atlantic Salmon Conservation Organisation
MIGRATORY TROUT	Sea trout, sewin.
GRILSE	Salmon that has spent not more than one winter at sea before maturing.

1. INTRODUCTION

This report is the fourth compilation of salmon and migratory trout catch statistics for England and Wales published by the National Rivers Authority. For the years 1983-88, these statistics were published by the Ministry of Agriculture, Fisheries and Food, Directorate of Fisheries Research in their Data Report Series.

Other than for rod catches, the 1992 data have been presented in a broadly similar format to those of 1991. Presentation of the rod data however has changed considerably due to the introduction in January 1992 of the first National Rod Fishing Licence. Effects of the introduction of the new licence with respect to both rod catch returns and the consequential layout of this report are discussed in Section 2 below.

It is important to remember that the catch data recorded in this document represent declared catches only and as such will not be an entirely accurate record of the total numbers of fish landed. Furthermore, the relationship between catch and stock size is difficult to establish regardless of the accuracy of the catch data. Great care must, therefore, be taken in using these figures to derive anything beyond a measure of catch.

2. NATIONAL ROD FISHING LICENCE

In January 1992, the NRA introduced the first National Rod Fishing Licence. The licence was introduced to rationalise the existing situation of more than one hundred types of Regional Rod Fishing Licence which had been inherited from the former Water Authorities. Prior to rod licence rationalisation, some Regions issued licences on a financial year basis and others on a calendar year basis. In order to harmonise the various regional issuing regimes, the first National Rod Fishing Licence was valid for a period of 15 months from 1 January 1992 to 31 March 1993. Thereafter annual licences would be issued on 1 April each year.

The single licence allowed anglers to fish for the first time in all of the NRA's Regions, subject to riparian owners' permission, for all species of fish including salmon and sea trout. A catch return for migratory salmonids was attached to every licence, thereby enabling any licence holder who fished for salmon or sea trout to submit a catch return. The catch return was required by the NRA on or before expiry of the licence, three months later than in previous years. Due to the large number of licence holders, and the absence of a separate 'salmon' licence, there was no practical or cost effective system for reminding salmon and migratory trout anglers to submit their catch returns. Those Regions which had in previous years sent out reminders to anglers are likely to have had reduced return rates in 1992. The number of catch returns sent in by anglers nationally were approximately 45% lower than in 1991. For this reason, rod catch data presented in this report should be treated with caution.

In most cases these data are not compatible with previous years' data and declared catches will be lower than actual catches. In an attempt to ameliorate apparent under-reporting of rod catch, each NRA Region provided additional confirmed reported rod catch data, where available, from owners' records, club records, log book returns, bailiffs reports etc. On some rivers these additional sources of reported rod catch produced higher figures than the rod licence catch return data. Tables 10 and 11 identify those rivers where the alternative reported rod catches exceed the rod licence catch return figures. Rod catches for the River Wye have been gathered and presented in the fisheries statistics in this way in previous years.

Further changes to this report brought about by the introduction of the national licence include:

- i) the withdrawal of the following tables:

National Rivers Authority annual statistics collection procedures - rod data. (Formerly Table 2);

Type, individual duty charged and number of rod licences issued. (Formerly Table 4);

Number of licences issued and percentage return rate for rod fisheries. (Formerly Table 6);

- ii) the alteration of Table 3:

Number and value of rod licences issued. (Formerly Table 5);

- iii) the introduction of Tables 10 and 11:

Monthly reported rod catches of salmon and grilse by principal rivers - 1992 season. Adjusted figures which include owners' returns, log book returns etc;

Monthly reported rod catches of migratory trout by principal rivers - 1992 season. Adjusted figures which include owners' returns, log book returns etc.

3. INTRODUCTION OF FIGURES

The introduction of graphics to Fisheries Statistics 1992 has been initiated to complement the Tables and illustrate relevant parts of the text. The figures fall into three main categories:

- i) those which describe the annual and monthly reported catches of salmon and migratory trout for the 1992 season;
- ii) those which describe the reported annual catches of salmon and migratory trout for the years 1983-1992;
- iii) those which describe the average weight of salmon and migratory trout for the years 1983-1992.

The graphs give some feel for the trends in catches and average fish weights for each Region over a time series.

4. REVIEW OF CATCHES IN 1992

Catch statistics, and the methods for their collection, vary in accuracy from year to year, and catches themselves fluctuate because of a wide variety of influencing factors. All available information regarding these factors should be considered to avoid undue significance being attributed to changes in catch which may occur in any one year. Those factors likely to have affected catches during 1992 (together with the summarised data presented in Tables 16-19 and Figures 1-33) have been considered to provide the following review of the 1992 catch data in relation to those of recent years.

4.1 Overview

Following three years of low rainfall and poor catches of salmon and sea trout, the climate in England and Wales in 1992 returned to a more normal pattern, the end of the year producing a number of good spates in most regions. However, despite improved conditions, reported catches for salmon and sea trout were disappointing.

The declared salmon net catch in England and Wales in 1992 was 10% lower than in 1991 and 47% below the average for the previous 5 years. In three Regions (Wessex, South West and Severn-Trent) however, the salmon net catch exceeded that reported in 1991, most notably in the South West Region. Salmon net catches in all but one of the other Regions were the lowest recorded for the last 5 years. The declared sea trout net catch was 18% lower than in 1991 and 39% below the 5-year-average. As with the salmon net catch, only three Regions (Southern, Anglian and North West) recorded higher net catches of sea trout than in 1991. The sea trout net catch for all the other Regions was the lowest recorded over the period 1987-92.

The most important factor influencing reported rod catches in 1992 was the absence of a national rod catch return reminder system. In four out of five of those Regions which had employed a reminder system in 1991, reported catches of salmon and sea trout in 1992 had fallen. The exception was Yorkshire Region which reported an increase. This increase was attributed largely to increased angler effort following the introduction of the all-species licence. Of the three Regions which did not previously employ a reminder system, only Southern reported a decrease in salmon and sea trout catch. The other two Regions, Northumbria and South West, reported considerable increases in rod catches for both species. The chart opposite shows which Regions employed catch return reminder systems in 1991, and whether the reported 1992 catches for salmon and sea trout were up or down on 1991 catches.

A comparison between 1991 and 1992 reported rod catches of salmon and sea trout in each Region showing whether a reminder was sent in 1991.

Region	Reminder sent in 1991	1992 reported salmon catch compared with 1991	1992 reported sea trout catch compared with 1991
Northumbria	NO	UP	UP
Yorkshire	YES	UP	UP
Anglian	N/A	-	-
Thames	N/A	-	-
Southern	NO	DOWN	DOWN
Wessex	YES	DOWN	DOWN
South West	NO	UP	UP
Severn-Trent	YES	DOWN	-
Welsh	YES	DOWN	DOWN
North West	YES	DOWN	DOWN

The declared rod catch of salmon in 1992 was 2% higher than in 1991 but 26% lower than the 5-year-average. Particularly good catches were reported in the South West and Northumbria Regions, being 174% and 39% higher than in 1991 respectively. Sea trout catches were 33% lower than in 1991, 56% below the 5-year-average and the lowest for the period. However, a large proportion of the total fall in reported catch of sea trout was due to the Welsh Region where the 1992 catch was 60% lower than in 1991, itself a very poor year. The rod licence return rate in the Welsh Region was thought to be low in 1992.

Anecdotal evidence would suggest that for much of England and Wales, 1992 was a much improved year for the angler when compared with the previous three. However, the rod catch statistics presented in this document do not bear this out, and it may be appropriate to conclude that the absence of a rod catch reminder system has contributed to significant under-reporting of catch in 1992.

4.2 Northumbria

Salmon and sea trout net catches in the Northumbria Region fell below those recorded in 1991 by 18% and 7% respectively. The salmon net catch was the lowest recorded for ten years (Figure 5) and was down by 48% on the 5-year-average. The sea trout net catch was also the lowest recorded for ten years (Figure 5) and 30% below the 5-year-average. Fishing effort showed a marked decline from 1991 despite no changes in number of licences or netting practice being reported. This fall in effort may reflect, as in 1991, unfavourable fishing conditions and low perceived abundance of fish. The late run of salmon may also have had an influence on effort. 80% of the net salmon catch was taken during

July (40%) and August (40%) (Figure 1). However the majority of sea trout were taken in June (41%) and July (25%) (Figure 2). The average weight of net caught salmon has shown a slight increase since 1990 and has risen by 10% over the last ten years. The average weight of sea trout has shown a similar trend (Figure 26).

Catch per unit effort (CPUE) for salmon caught by southern area drift nets was 36% lower than that recorded in 1991, however, the northern area drift nets showed no change in CPUE. There was an 18% fall in CPUE for salmon caught by T-nets. The overall CPUE for sea trout showed little change from 1991. The northern area drift nets and T-nets showed small increases in CPUE while the southern area drift nets were 18% lower than in 1991.

Declared rod catches of both salmon and sea trout were higher than in 1991 by 39% and 35% respectively. The salmon catch was the highest since 1988 and was 6% higher than the 5-year-average. The sea trout catch was 13% below the 5-year-average. In 1991 the Northumbria Region did not exercise a reminder system for rod catch returns. The absence of such a system accompanying the National Rod Licence may not have had a significant impact on reported rod catches. In 1992 a large proportion (45%) of salmon were caught at the end of the season in October (Figure 3). Sea trout also showed well in September and October, these two months producing more than 70% of the 1992 catch (Figure 4). The average weight of rod caught salmon showed a slight upturn, having been steadily falling since 1985. The average weight for sea trout also showed a very small increase on 1991 (Figure 26).

Following three successive years of low river flows and water quality problems, the Region experienced very heavy flooding during the early spring and continued spates over the summer. There was one major fish kill reported on the main Tyne at Wylam where at least 45 adult salmon were killed.

4.3 Yorkshire

The Yorkshire coastal net fishery for salmon and sea trout produced catches which were 46% and 43% below the 1991 totals respectively. Both were lower than the 5-year-average catches, the salmon catch being 71% down and sea trout 53% down. These catches were the lowest recorded for the last ten years (Figure 6). The number of 'T' or 'J' net licences issued in 1992 fell by four from 35 to 31. Drift net licences issued remained unchanged at 21. Netsmen spent an average of 38 days fishing in 1992, three days less than in 1991 and 10 days less than in 1989 and 1990. As in 1991, there was a reduction in average number of days spent drift net fishing, from 38 in 1991 to 33 in 1992. Since 1990 there has been an overall reduction of 35% in average number of days spent drift net fishing in the Yorkshire fishery. More than 50% of the salmon net catch was taken during July, dropping to 28% in August (Figure 1). The average weight of net caught salmon in 1992 had risen for the third consecutive year (Figure 27). The monthly distribution of catch for sea trout in 1992 closely mirrored that of the Northumbria Region, with 46% of the catch being taken in June and

26% in July (Figure 2). The average weight of net caught sea trout showed a marked increase of 24% compared with 1991 and was the highest for 10 years (Figure 27).

The overall CPUE for the salmon net fishery was 37% lower than in 1991, the drift net CPUE being down by 41% and 'T' or 'J' nets down by 22%. CPUE for net caught sea trout was 34% lower than in 1991. The drift nets showed a fall of 20% and the 'T' or 'J' nets a fall of 39%.

Reported rod catches of salmon and sea trout in the Yorkshire Region were higher than in 1991 by 309% (34 fish) for salmon and 30% for sea trout. The salmon rod catch was the highest since 1988 and was 45% higher than the 5-year average. The sea trout rod catch however was 29% below the 5-year average. The run of sea trout appeared to be late in the season, with more than 60% of the total rod catch being taken in October (Figure 4). The average weight of rod caught salmon was lower than in 1991 and followed a falling trend observed over the last 10 years (Figure 27). The average weight of rod caught sea trout showed a similar increase to that of the net caught fish, and was the highest average for the last 10 years at 1.9 kg.

Due to the introduction of the National Rod Fishing Licence, which was valid for all species, it was reported that more anglers were fishing for salmon in the Yorkshire Region, and the increased catches may in part be attributed to increased angler effort. River levels returned to normal, 1992 being a much wetter year than the previous three years. There were several good spates in 1992 and flows were particularly good from the end of September.

4.4 Anglian

In 1992, declared catches of sea trout in the East Anglian coastal fishery were 29% higher than in 1991. The number of net licences issued fell from 142 in 1991 to 129 in 1992. Very few salmon are caught in the coastal fishery and there are no directed rod fisheries for migratory salmonids within the region.

4.5 Thames

The main salmon migratory period was characterised, as it had been for the previous three years, by a low base flow for much of the year. These conditions would have had a deleterious impact on salmon migration. Sporadic water quality problems were once again experienced in the tideway as a result of summer storm events over London. However, 10 salmon were reported taken by rod in 1992 compared with only one in 1991.

4.6 Southern

Only six salmon were caught by net in 1992, compared with 25 in 1991, resulting in the lowest catch for the past 10 years (Figure 8). A further 50 salmon were caught by seine netting on the Itchen at Woodmill Pool but were released alive as part of a continuing radio tracking investigation. The sea trout net catch showed an increase for the second year running and was 116% higher than in 1991 and only 19% below the 5-year-average. The mean weight for net caught salmon for each of the last 10 years produces an erratic time series plot, due in the main to the small numbers of fish involved (Figure 28). The average weight of net caught sea trout over the same ten year period produces a more consistent plot showing little change in 1992 from 1991. CPUE for salmon on the Itchen in 1992 including the tagged fish was 5 salmon per day, a decrease on 1991, and 6.30 sea trout per day, unchanged from 1991. CPUE data were not available for the two public water seine nets operated in Southampton Water and the Solent.

Salmon rod catches were marginally higher than in 1991 but remained 63% below the 5-year-average. Sea trout rod catches were 37% lower than in 1991 and 52% lower than the 5-year-average. Until September, counter data for the Test and Itchen were remarkably similar to that of 1991. The pattern of movement in autumn was, however, significantly different from drought years as appreciable rainfall from the latter part of September initiated a relatively early major movement of salmon into the middle reaches of the rivers. Further rains stimulated more runs of fish until the end of November after which activity reduced rapidly.

4.7 Wessex

The net catch of salmon in the Wessex Region was 13% higher than in 1991, but was 64% below the 5-year-average. The sea trout catch was 21% lower than in 1991 and 41% lower than the 5-year-average. The catch was also the lowest for the previous 10 years (Figure 9). Most of the salmon net catch was taken during July, and sea trout in June and July. The average weight of net caught salmon fell to its lowest value for 10 years at 3.55 kg. The average weight of netted sea trout was slightly lower than in 1991, but has remained relatively consistent for several years (Figure 29).

Reported rod catches of salmon and sea trout were very poor in 1992, being 11% and 19% lower than in 1991 respectively. Both were also substantially lower than the 5-year-average catches, 69% for salmon and 80% for sea trout. The salmon rod catch was the lowest for the last 10 years (Figure 17). The average weights of both species showed a decline on the 1991 average weight, salmon falling to its lowest value in 10 years (Figure 29).

4.8 South West

The salmon net catch rose for the first time since 1986 (Figure 10); showing an increase of 95% on 1991, but was 38% lower than the 5-year-average for the region. Sea trout net catches were 16% lower than in 1991, having dropped for the fifth successive year and were 60% below the 5-year-average. Fishing effort in 1992, as determined by the number of licensees fishing, was higher than in 1991. The increase of 7 licences can be attributed to the return of drift net fishing on the River Camel following a three year cessation of netting (1989-1991), imposed as part of a salmon rehabilitation scheme on the river following a pollution incident in 1988. In 1992 the Taw/Torridge rehabilitation scheme continued and netmen were compensated not to fish. In addition, a compensation scheme on the River Tavy was introduced to end netting night tides.

The monthly distribution of net caught salmon indicated that most fish were caught during July (49%) and August (34%) (Figure 1). However, the distribution of sea trout catch was concentrated in April (28%), May (32%) and June (28%) (Figure 2). The average weight of net caught salmon in 1992 was 2.85kg, the lowest for 10 years (Figure 30). Conversely, net caught sea trout average weight equalled the highest value for 10 years at 1.55kg. CPUE data are not available for the South West Region.

Rod catches of salmon and sea trout in the South West Region in 1992 were higher than in 1991 by 174% and 16% respectively. A comparison with the 5-year-averages shows the 1992 salmon catch was 42% up and the sea trout catch 20% down. These reported catches may be comparable with previous years since no reminder system for catch returns was employed in the South West Region prior to the introduction of the National Rod Fishing Licence. A majority of the salmon were caught during August (28%) and September (44%) (Figure 3). Sea trout catches were highest during July (33%) and August (33%) (Figure 4). The average weight of rod caught salmon for the last 10 years mirrors closely the trend seen in net caught fish (Figure 30). The average weight of sea trout has shown a steady increase since 1987 from 0.58kg to 0.80kg in 1992.

Bag limits were introduced for rod fishing on the Taw/Torridge as part of the programme to rehabilitate salmon and sea trout stocks. Following a dry summer, high river flows were eventually experienced during August and September, when both rods and nets had their best catches.

4.9 Severn-Trent

In 1992 the catch of salmon in the River Severn by nets and fixed engines was 21% higher than in 1991 but was 38% lower than the 5-year-average. Despite the increase on 1991, the catch was still the second-lowest for the last 10 years (Figure 11). The average weight of salmon caught by net and fixed engines fell sharply in 1992 to its second lowest value for 10 years at 4.49kg (Figure 31). The number of seine nets decreased by one from 8 in 1991 to 7 in 1992, but the number of lave

nets (full- and half-season nets combined) rose from 45 to 50. The number of ranks of fixed engines rose from 18 to 20, resulting in a corresponding increase in the actual number of putchers from 4479 to 5394. Catch per licence in 1992 was higher than in 1991 for seine nets (up 67%) and for lave nets (up 24%). Catch per licence for fixed engines remained unchanged.

The declared rod catch on the Severn was once again very poor. The catch was 11% lower than in 1991, 60% lower than the 5-year-average and the lowest catch for the last 10 years (Figure 19). As in 1991 the start of the season was encouraging, with some reasonable catches of spring-run salmon. However from May to August, despite favourable flow conditions, catches dropped off until September when 17% of the catch was taken (Figure 3).

In 1992 spring tides produced 27 adult salmon mortalities, compared with 5 in 1991, 64 in 1990 and 278 in 1989.

4.10 Welsh

Net catches of salmon and sea trout in 1992 were lower than in 1991 by 4% and 39% respectively. Both catches were considerably lower than their 5-year-average (34% for salmon and 66% for sea trout) and were the lowest recorded catches for 10 years (Figure 12). Most of the salmon net catch was taken at the end of the season, in July (38%) and August (40%) (Figure 1). The sea trout catch, however, peaked during June (40%) (Figure 2). The average weight of net caught salmon fell slightly in 1992 to 4.43kg (Figure 32). The average weight of net caught sea trout rose to its highest for 10 years at 2.65kg, 38% higher than in 1983. 12 fewer licences were issued in 1992 with most of the reduction coming from the S.W. Coastal wade nets and Dee seine nets. The overall CPUE for salmon in the Welsh Region in 1992 was higher than in 1991 (0.69 compared with 0.62 fish per licence-day) and for sea trout was lower than in 1991 (0.41 compared with 0.55 fish per licence-day). CPUE for salmon ranged from 0 to 3.40 fish per licence-day, the highest figure being for the Usk putcher rank. For sea trout, CPUE ranged from 0 to 2.96 fish per licence-day, the highest figure being for the Dwyfawr seine nets, as it was in 1991.

Reported rod catches in the Welsh Region were significantly worse in 1992 than any other NRA Region for both salmon and sea trout. The salmon rod catch was 27% lower than in 1991, 58% below the 5-year-average and the worst for the last 10 years (Figure 20). Similarly, the reported sea trout rod catch was 60% lower than in 1991, 70% below the 5-year-average and was also the worst for the last 10 years. It is important to note that the rod licence return rate in the Welsh Region was very poor indeed in 1992, there being no reminder system in place where previously there had been one. To illustrate the level of under reporting of catch, it is worthwhile comparing owners' returns with rod licence returns for the rivers Wye and Usk. Salmon rod catch on the Wye was reported to be 1867 fish by the owners and 320 fish by rod licence returns (83% lower). On the Usk, the reported catches were 313 fish (from an incomplete owners' return) and 101 fish from the

rod licence returns (68% lower). Much of the rod catch of salmon was taken at the back end of the season, 34% in September, and 18% in the first half of October (Figure 3). The sea trout catch was concentrated in July (28%) and August (31%) (Figure 4). The average weights of rod caught salmon and sea trout showed little change from 1991 (Figure 32).

Byelaws were introduced to control illegal fishing in the Usk and Dee Estuaries, but were probably too late to have any significant impact on catches in 1992. The year was very dry until the end of July when flood conditions prevailed for most of August and September. Net fishermen were hampered by the high flows on some rivers. Despite the poor catches reported on catch returns, angling on many rivers in Wales is thought to have improved in recent years, and it was reported that most rivers in West Wales had their best season since 1988.

4.11 North West

Salmon net catches in the North West Region were 31% lower than in 1991, 44% below the 5-year-average and the lowest since 1985 (Figure 13). The net catch of sea trout showed a 9% increase on 1991 but was 37% lower than the 5-year-average. The salmon catch was taken predominantly in July (37%) and August (51%) (Figure 1), and the sea trout catch in June (67%) (Figure 2). The average weights of net caught salmon and sea trout showed little change from recent years (Figure 33). The number of licences issued in 1992 fell by only one from 232 to 231. CPUE data showed that salmon catches ranged from 0.02 to 2.93 fish per licence-tide, with the highest CPUE being for the S.W Cumbria fishery. For sea trout, CPUE ranged from 0 to 0.64, the latter being on the Lune drift and haaf nets. Overall the CPUE for the North West Region was 0.40 fish per licence-tide for salmon and 0.41 fish per licence-tide for sea trout, these figures being 21% lower and 24% higher respectively than those in 1991.

Rod catches of salmon in the North West were 19% lower than in 1991 but were only 2% below the 5-year-average. It was, however, the third highest reported rod catch for the last 10 years (Figure 21). Rod catches of sea trout were 27% lower than in 1991 and 23% below the 5-year-average. It is probable that the reported catches were low, as in other regions where a reminder system had been in place for rod returns prior to the introduction of the National Rod Fishing Licence. As with the Welsh Region, most of the rod catch for salmon was taken during September (41%) and October (33%) (Figure 3). The monthly distribution of sea trout catches in the North West, also mirrored those of the Welsh Region, peaking during July (26%) and August (32%) (Figure 4).

As in other regions, there was a below average rainfall in May, June and July followed by heavy rains in August which continued to the end of the year.

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FIGURES AND TABLES

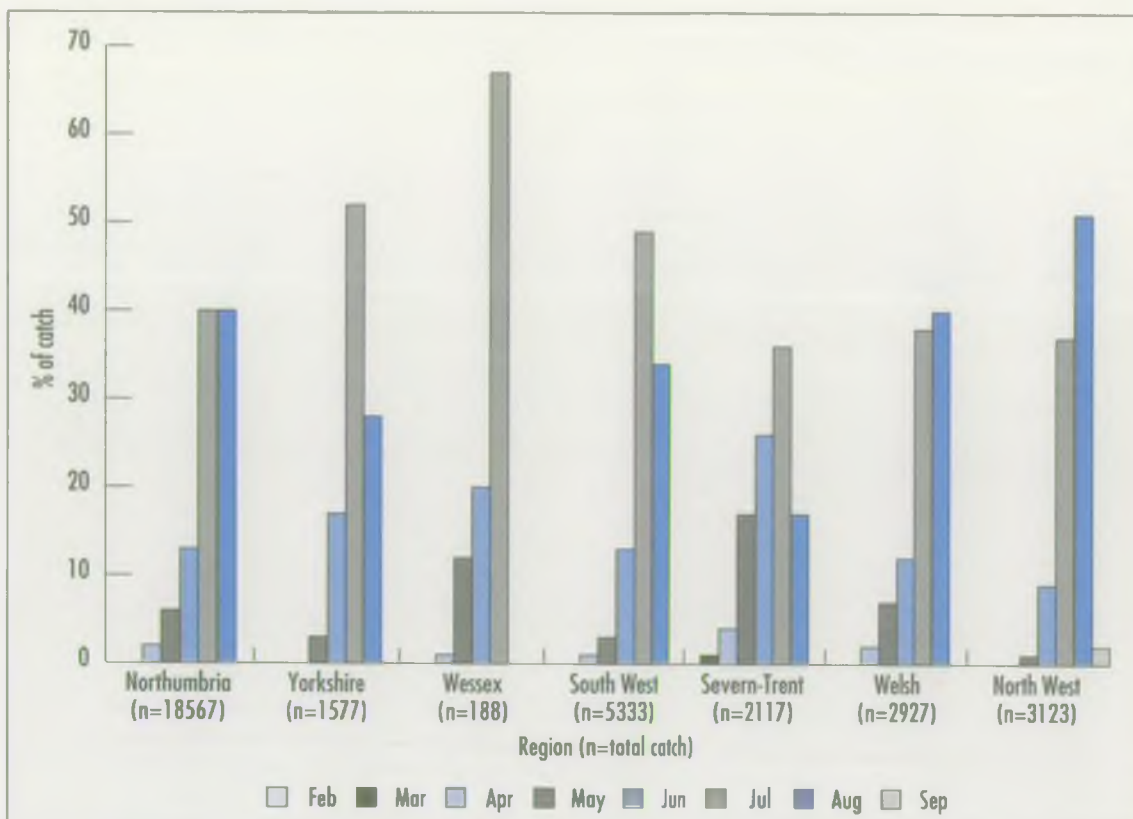


Figure 1: Monthly reported net catches of salmon and grilse, 1992 season. (Anglian, Thames and Southern Regions not shown).

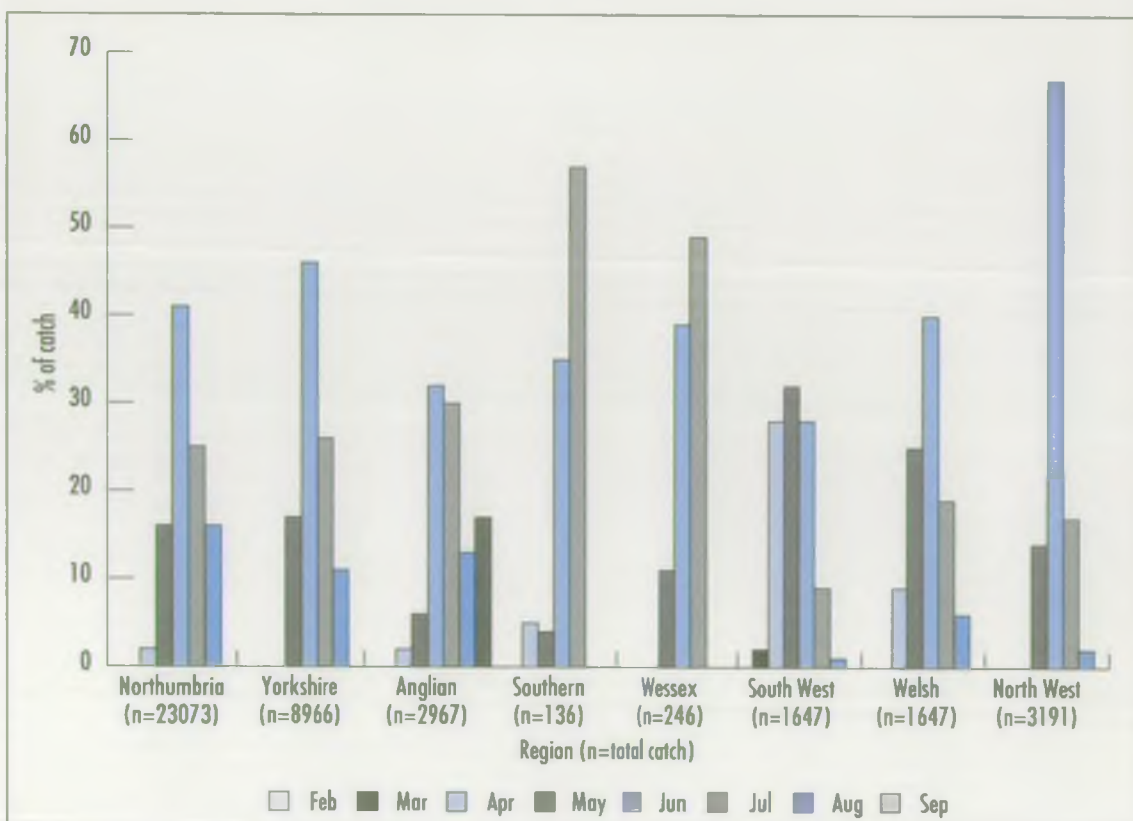


Figure 2: Monthly reported net catches of migratory trout, 1992 season. (Thames and Severn-Trent Regions nor shown).

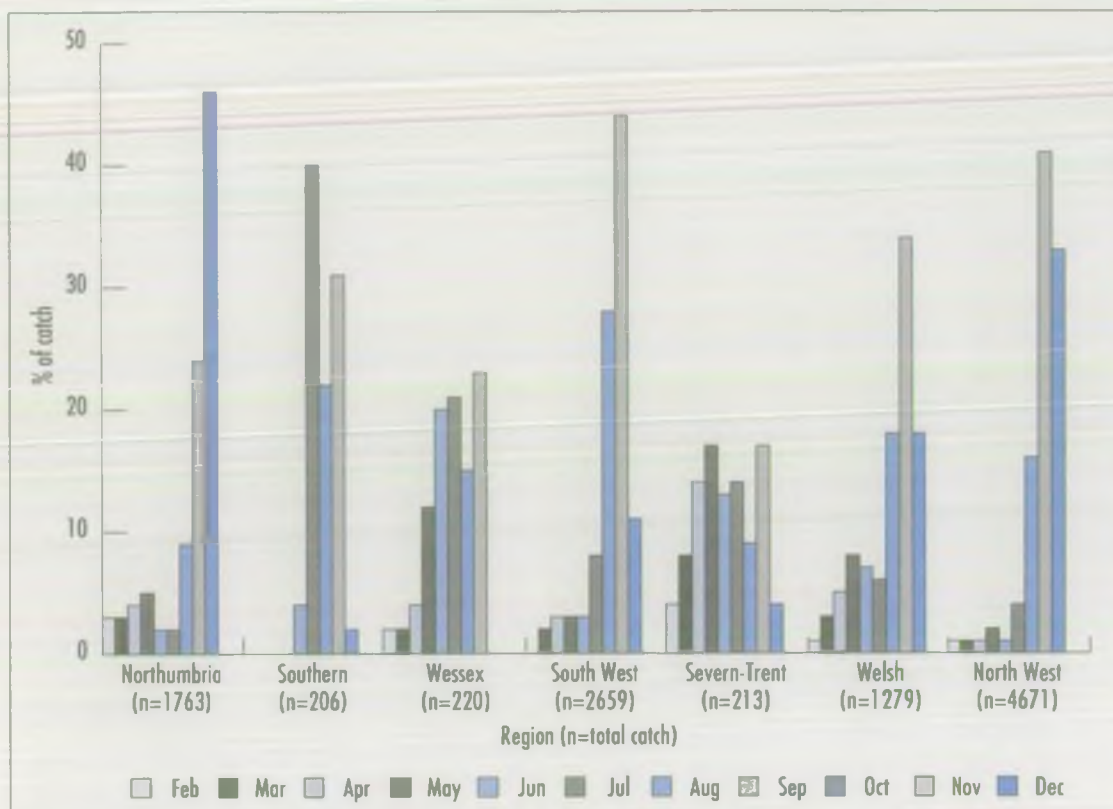


Figure 3: Monthly reported rod catches of salmon and grilse, 1992 season. (Yorkshire, Anglian and Thames Regions not shown).

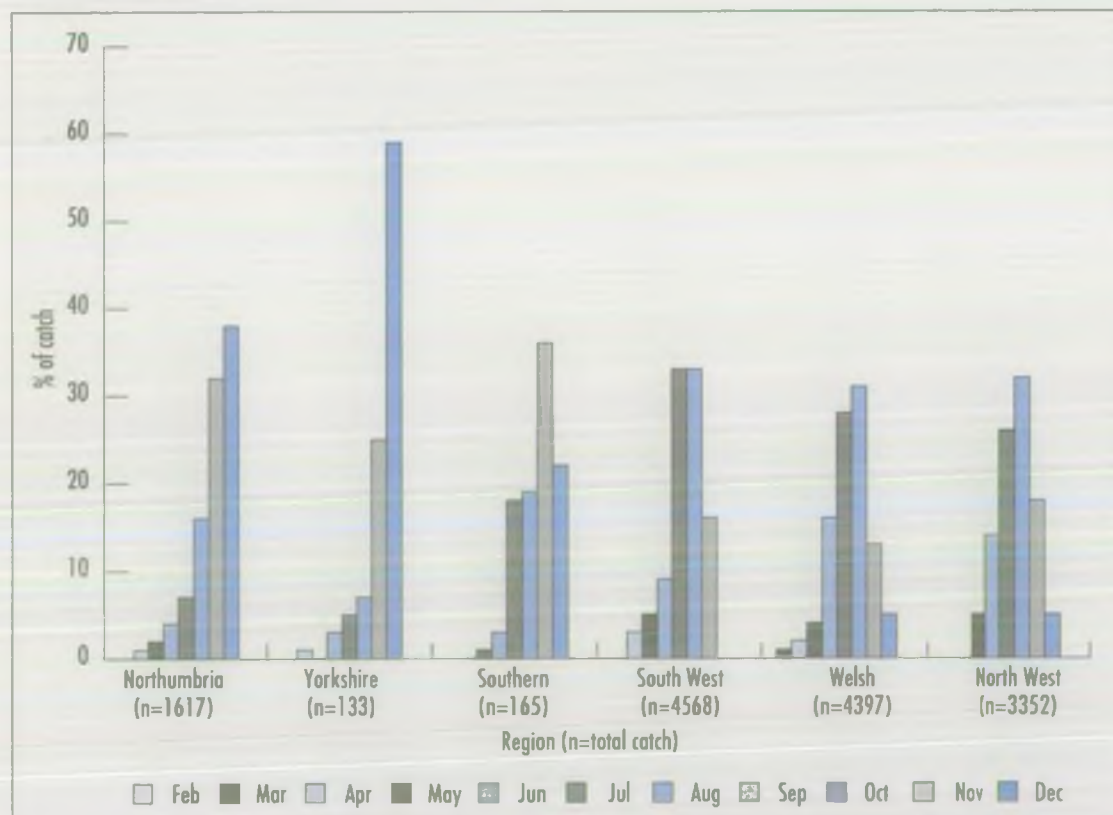


Figure 4: Monthly reported rod catches of migratory trout, 1992 season. (Anglian, Thames, Wessex and Severn-Trent Regions not shown).

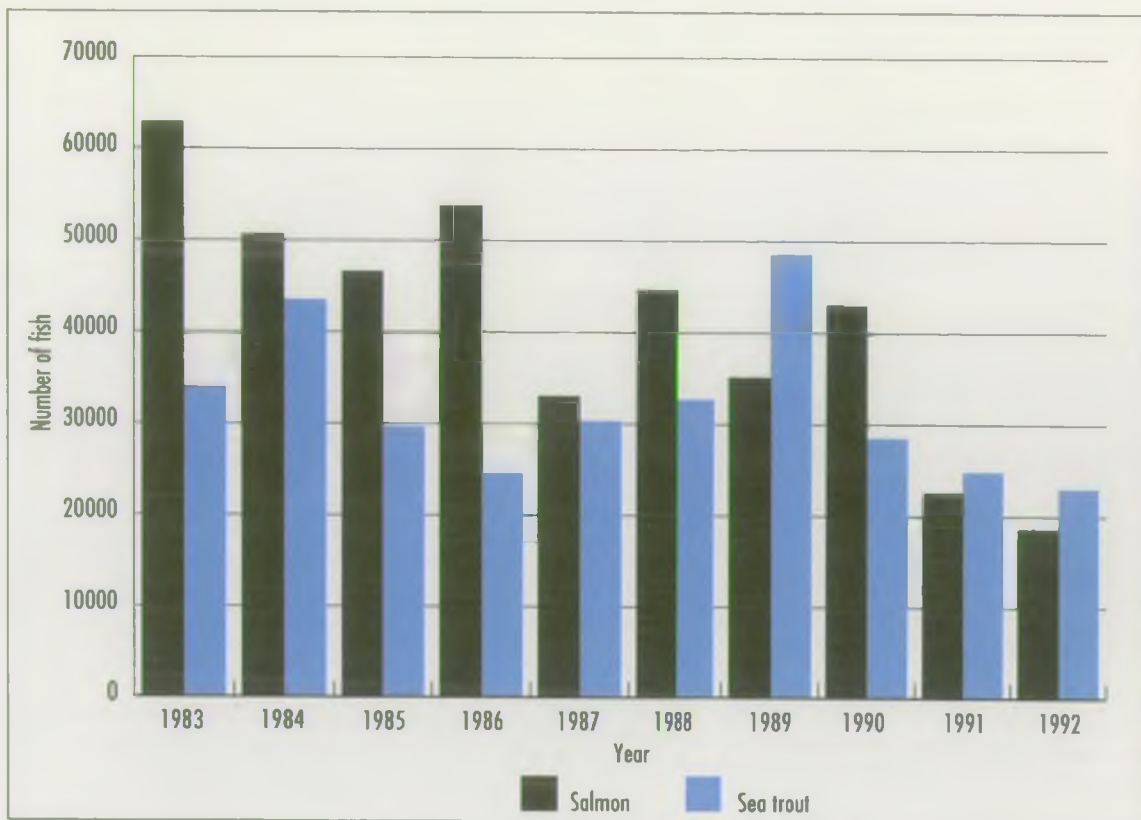


Figure 5: Reported net catches of salmon and migratory trout, 1983 - 1992, Northumbria Region.

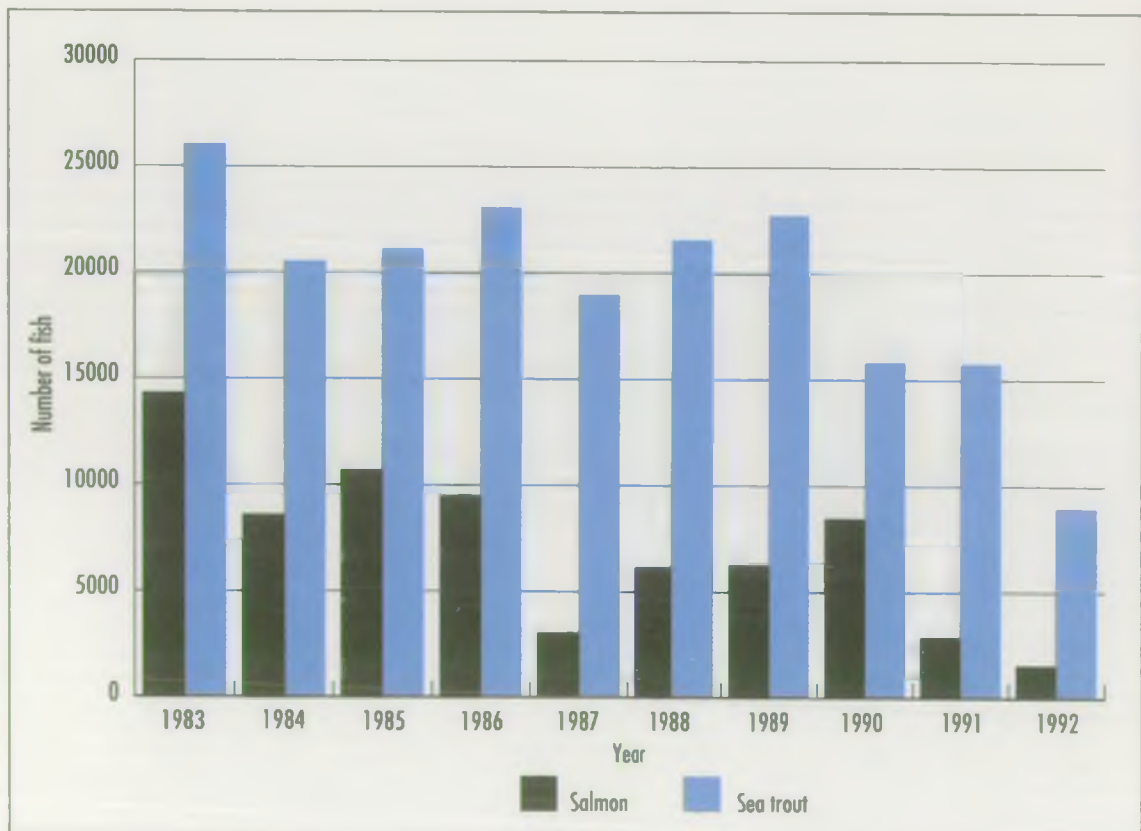


Figure 6: Reported net catches of salmon and migratory trout, 1983 - 1992, Yorkshire Region.

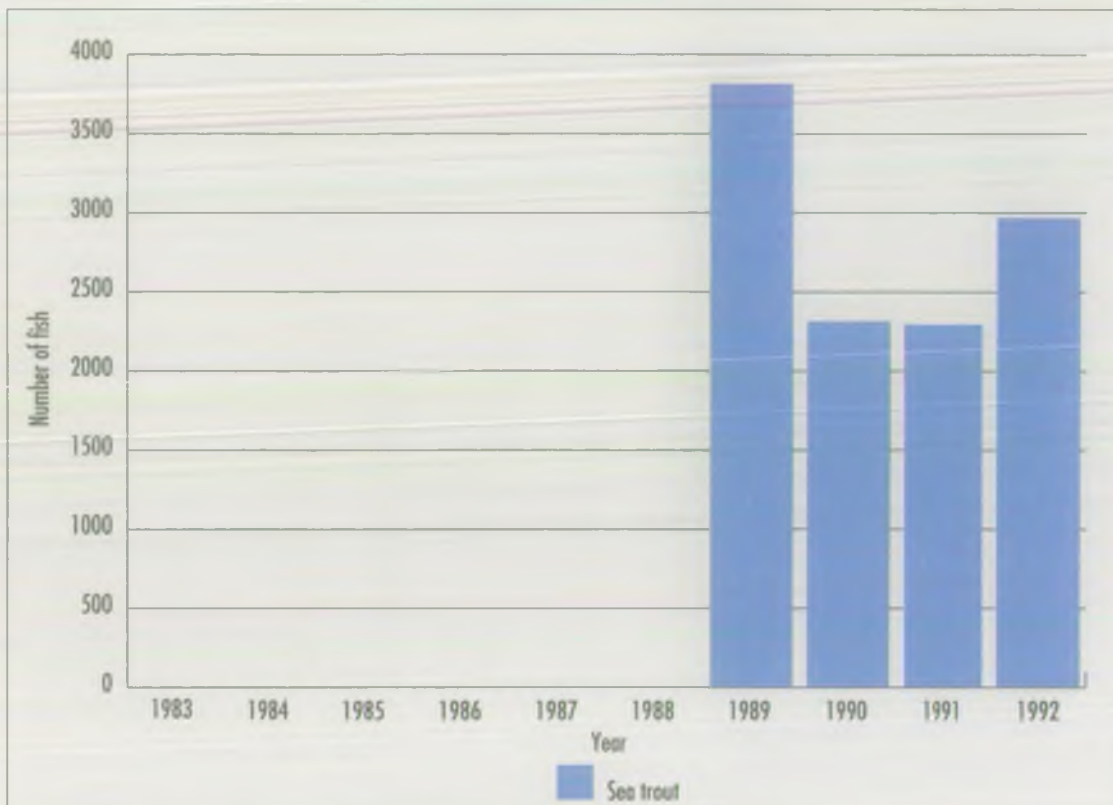


Figure 7: Reported net catches of migratory trout, 1983 - 1992, Anglian Region. Figures not available prior to 1989).

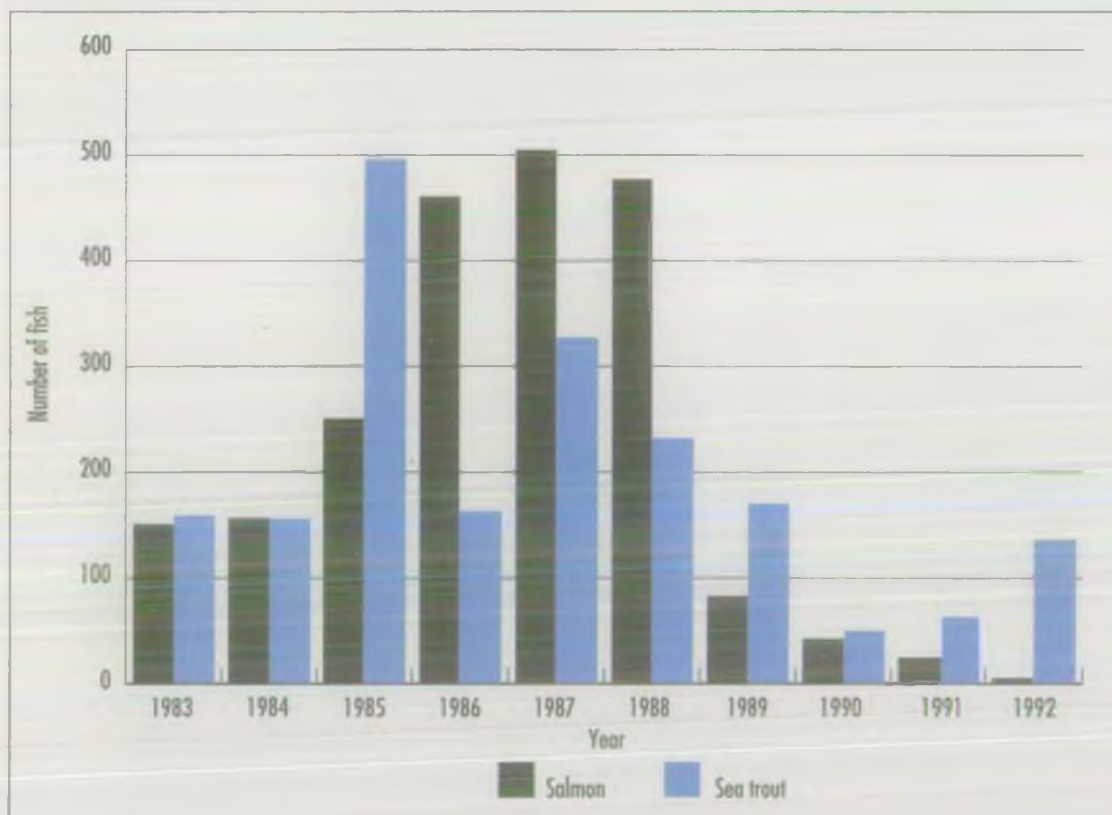


Figure 8: Reported net catches of salmon and migratory trout, 1983 - 1992, Southern Region.

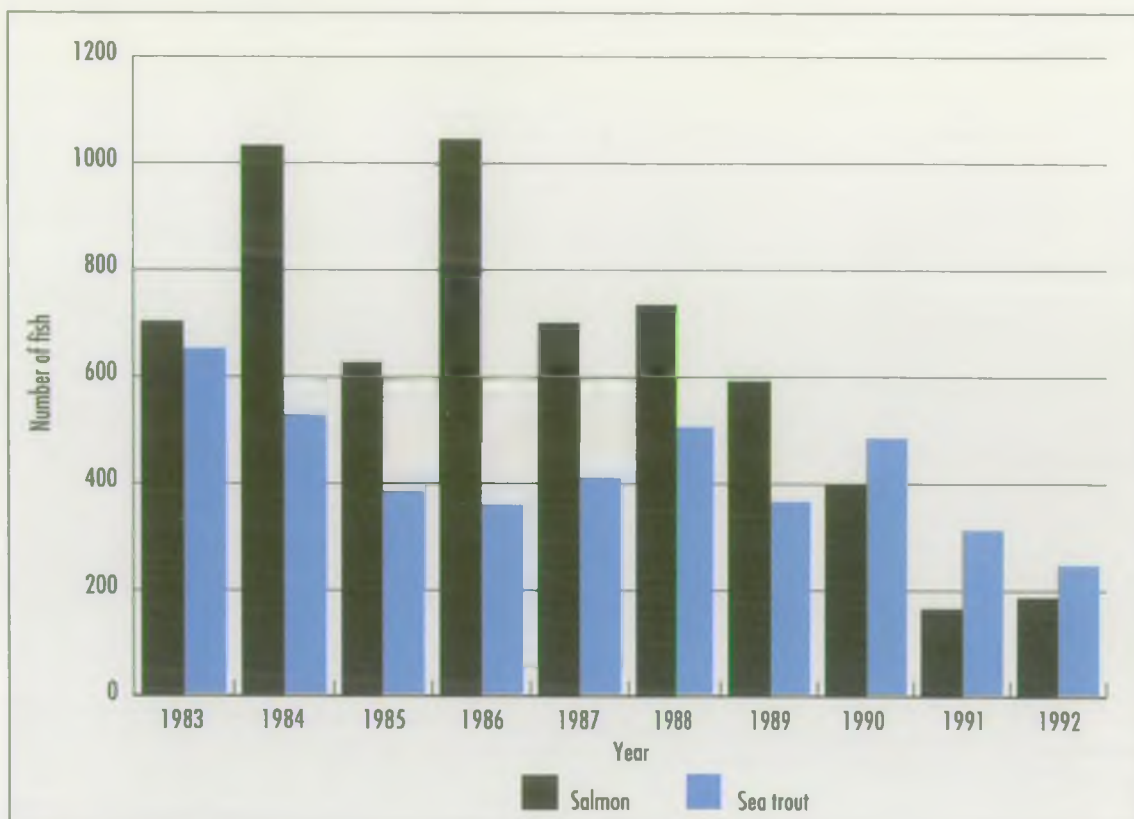


Figure 9: Reported net catches of salmon and migratory trout, 1983 - 1992, Wessex Region.

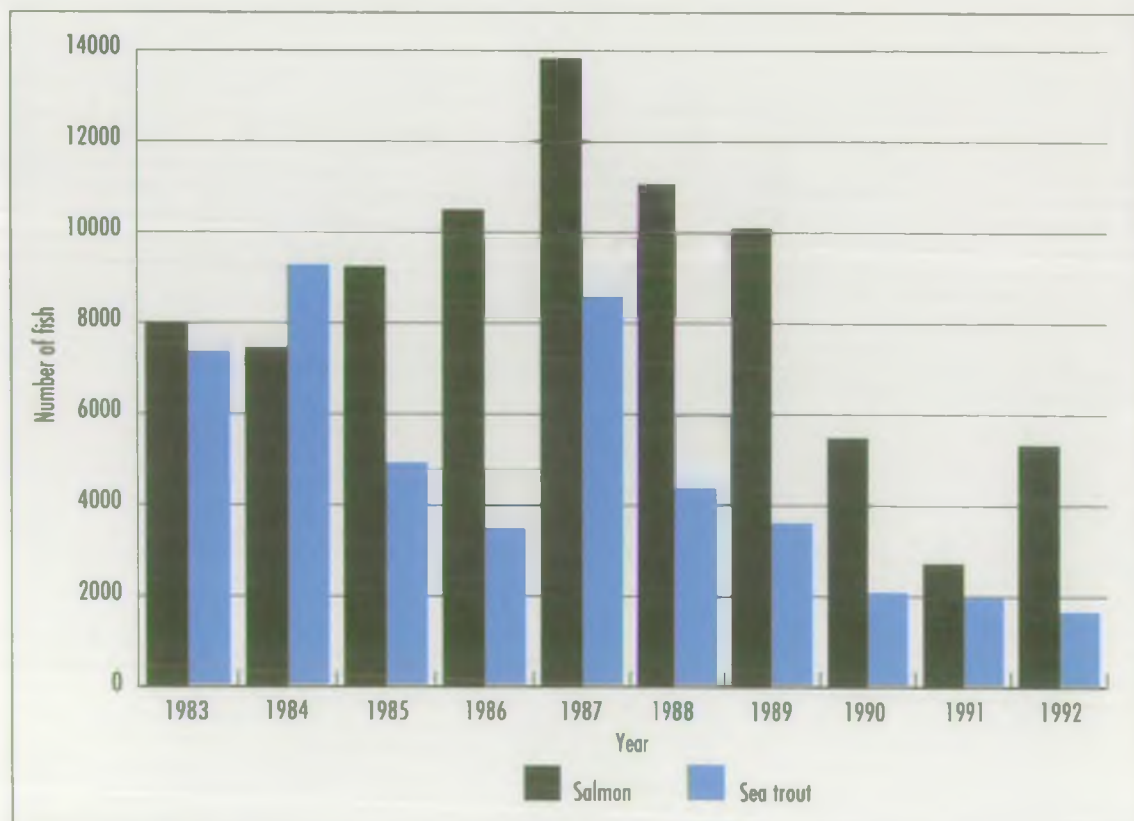


Figure 10: Reported net catches of salmon and migratory trout, 1983 - 1992, South West Region.

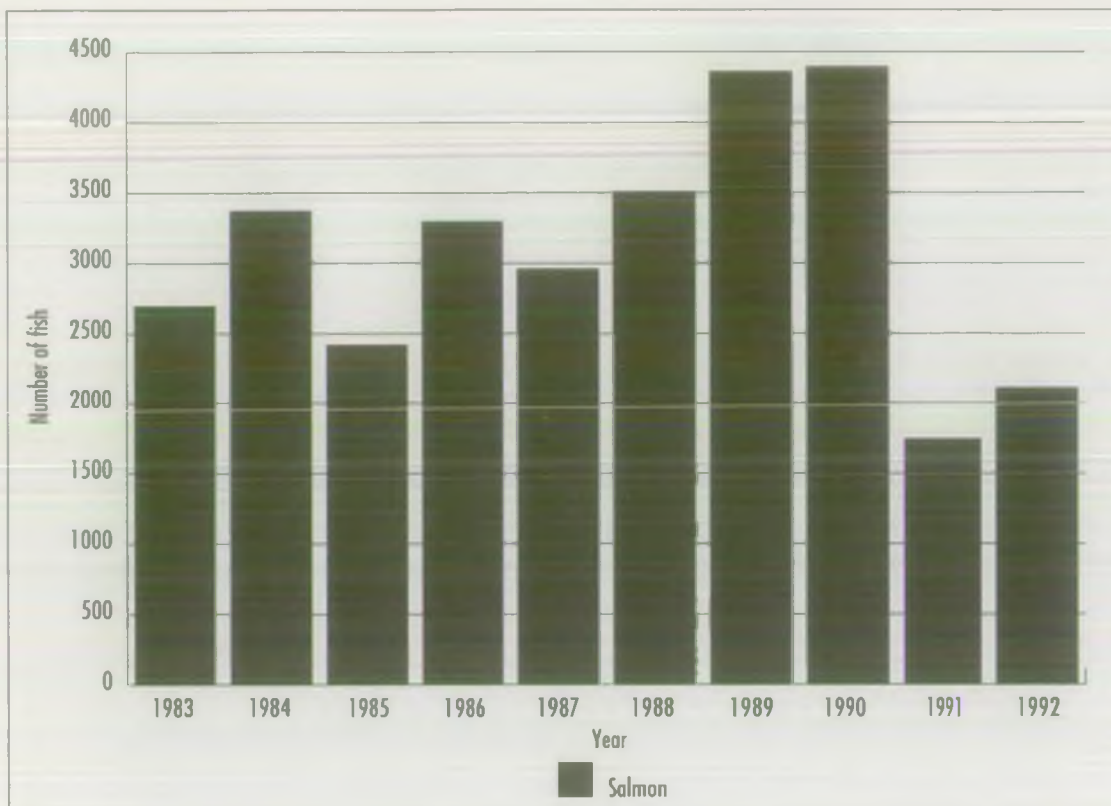


Figure 11: Reported net catches of salmon, 1983 - 1992, Severn-Trent Region.

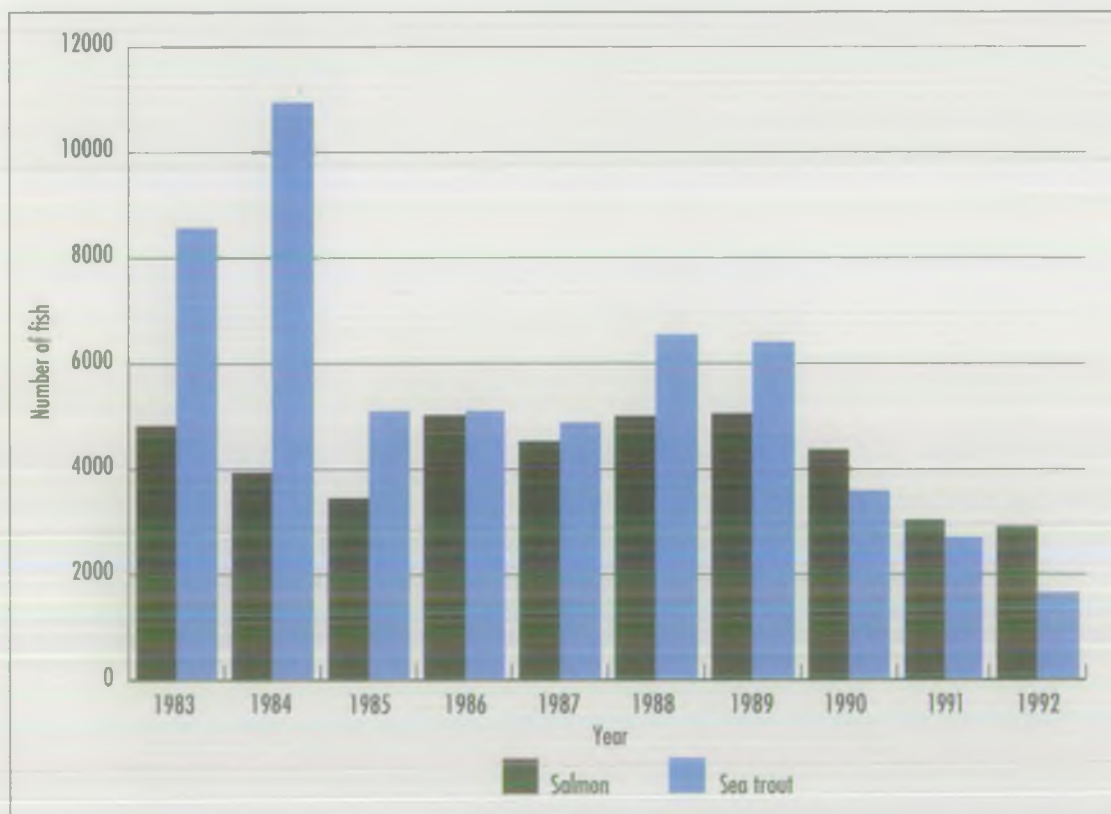


Figure 12: Reported net catches of salmon and migratory trout, 1983 - 1992, Welsh Region.

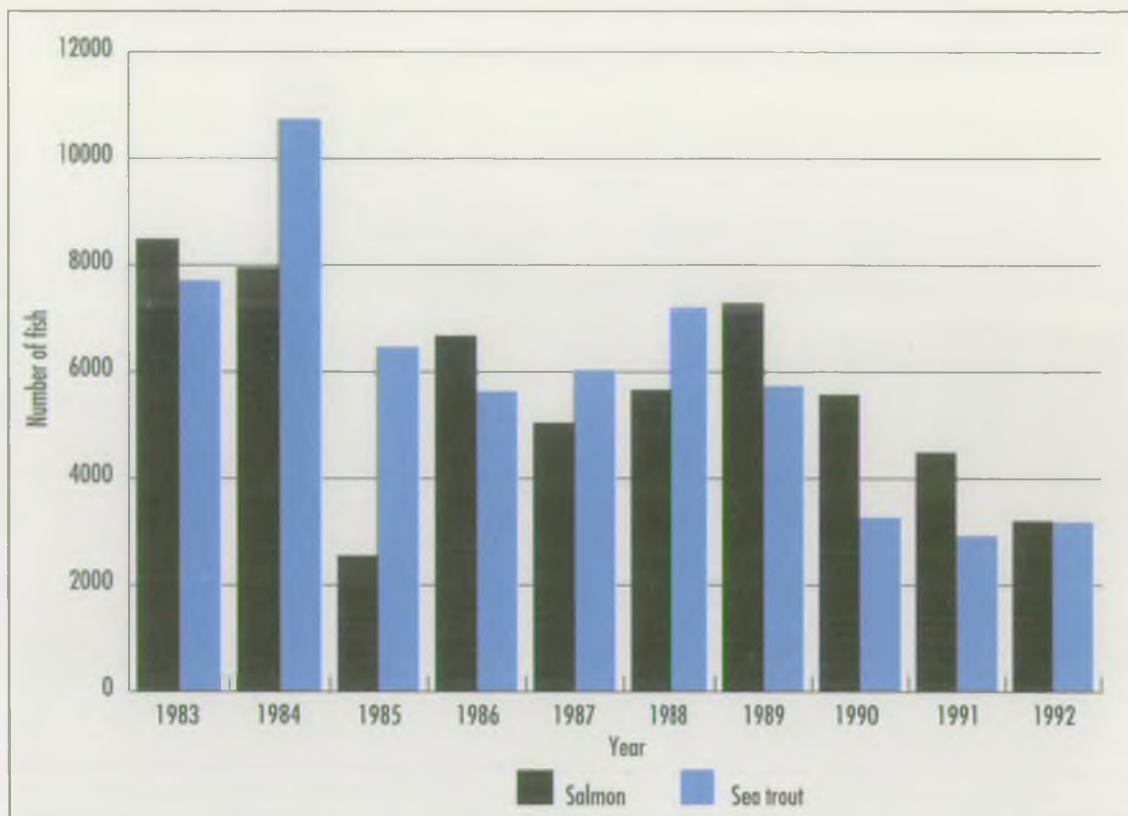


Figure 13: Reported net catches of salmon and migratory trout, 1983 - 1992, North West Region.

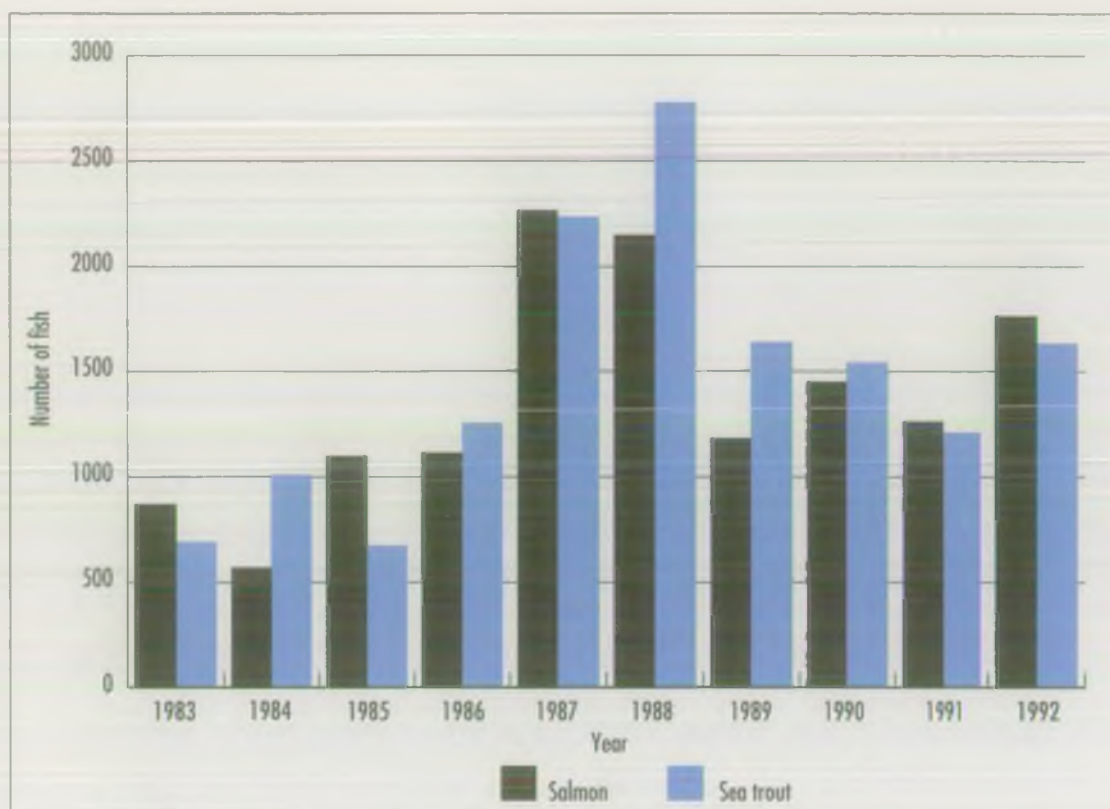


Figure 14: Reported rod catches of salmon and migratory trout, 1983 - 1992, Northumbria Region.

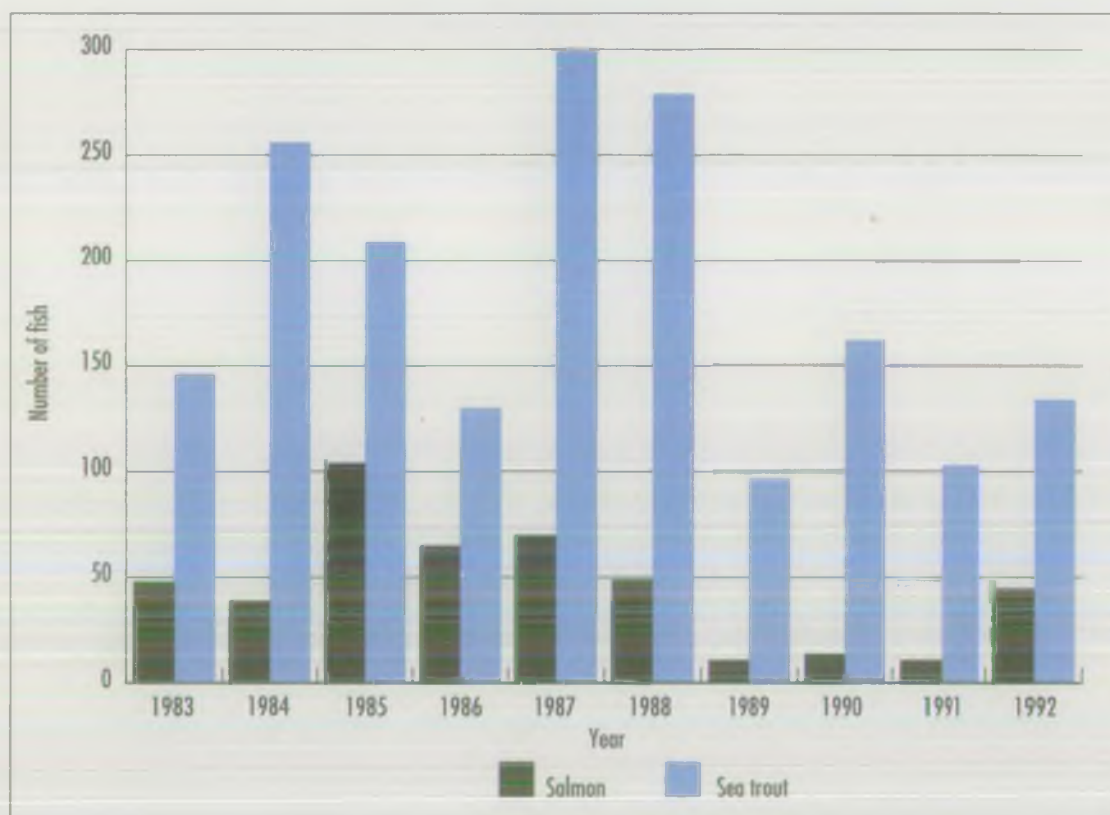


Figure 15: Reported rod catches of salmon and migratory trout, 1983 - 1992, Yorkshire Region.

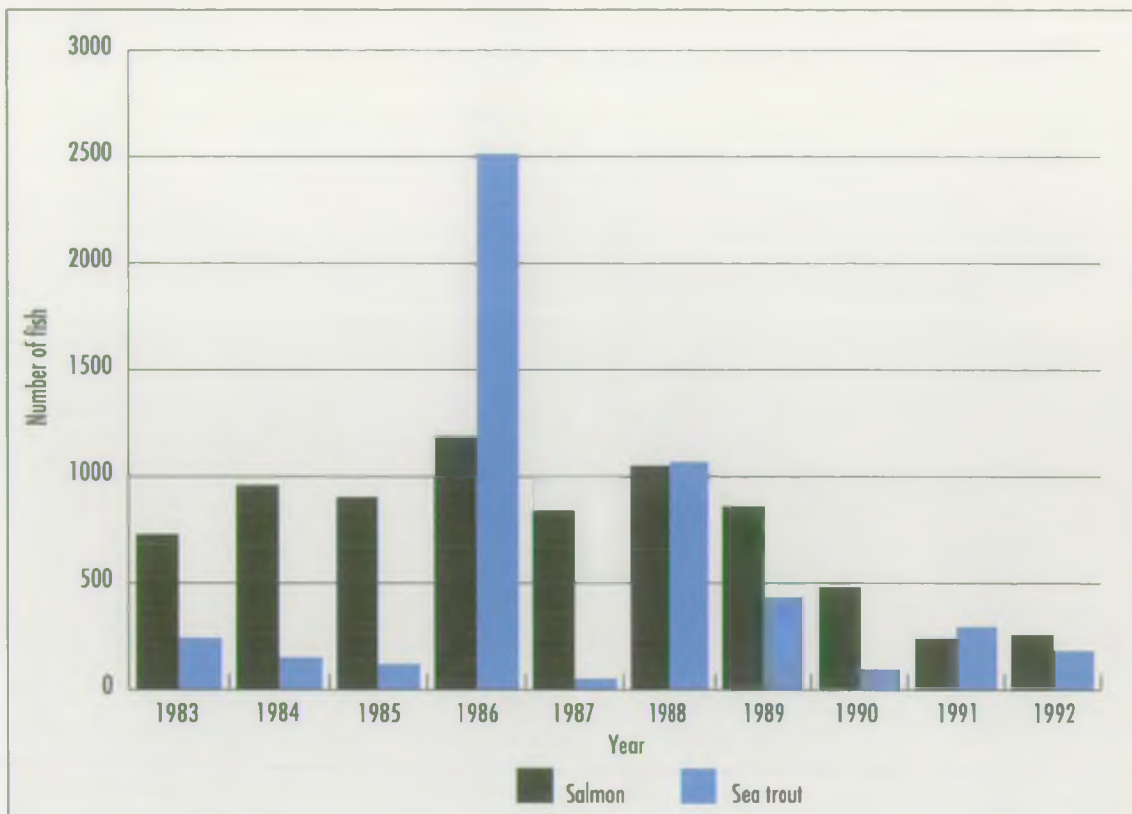


Figure 16: Reported rod catches of salmon and migratory trout, 1983 - 1992, Southern Region.

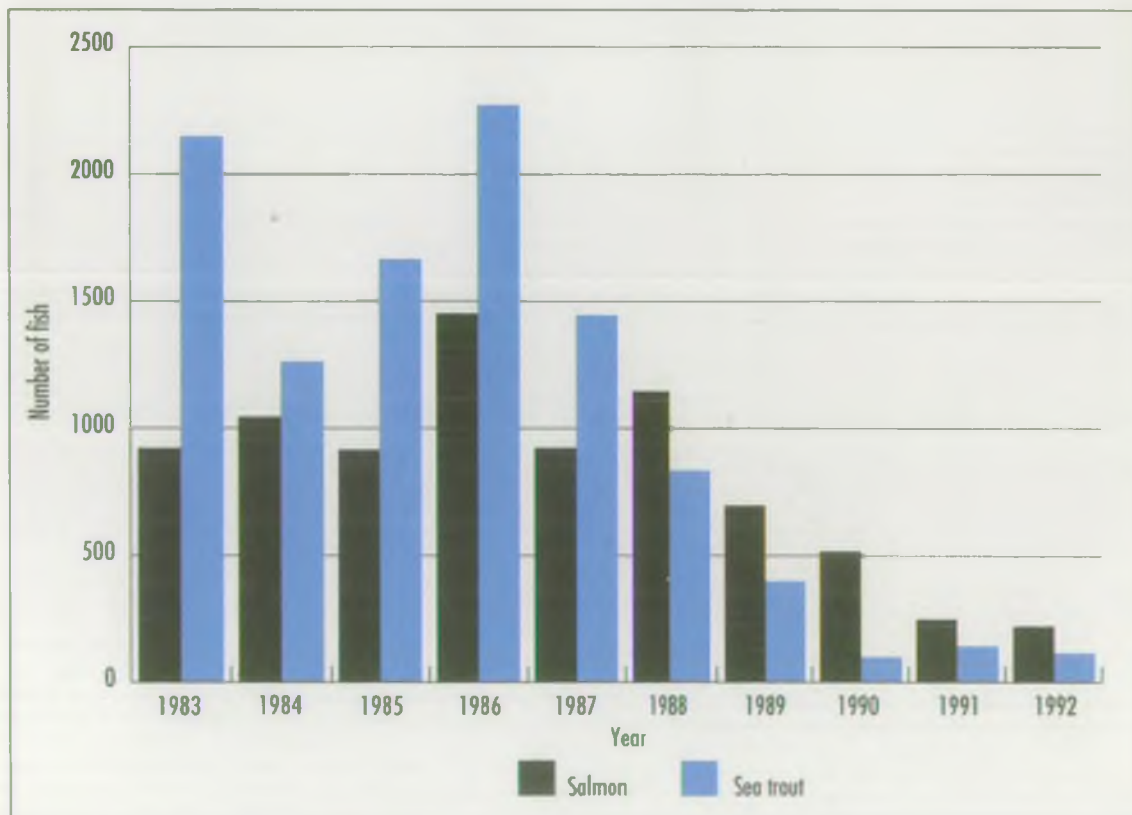


Figure 17: Reported rod catches of salmon and migratory trout, 1983 - 1992, Wessex Region.

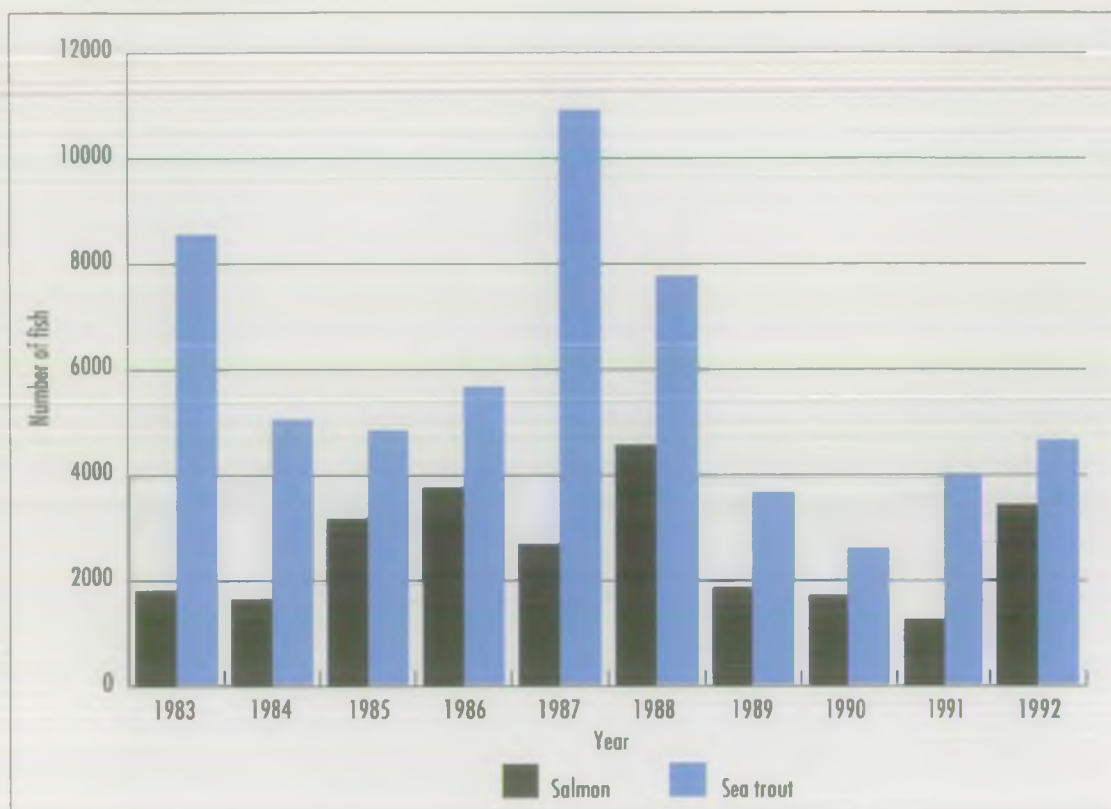


Figure 18: Reported rod catches of salmon and migratory trout, 1983 - 1992, South West Region.

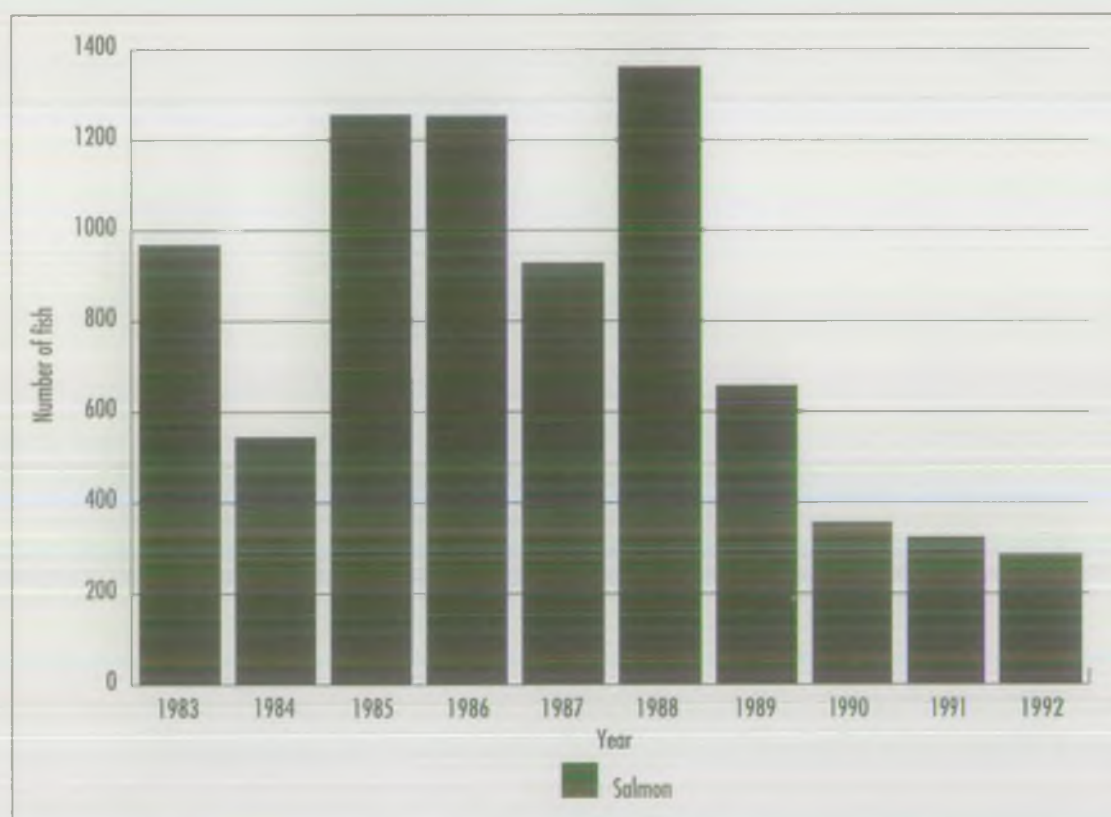


Figure 19: Reported rod catches of salmon, 1983 - 1992, Severn-Trent Region.

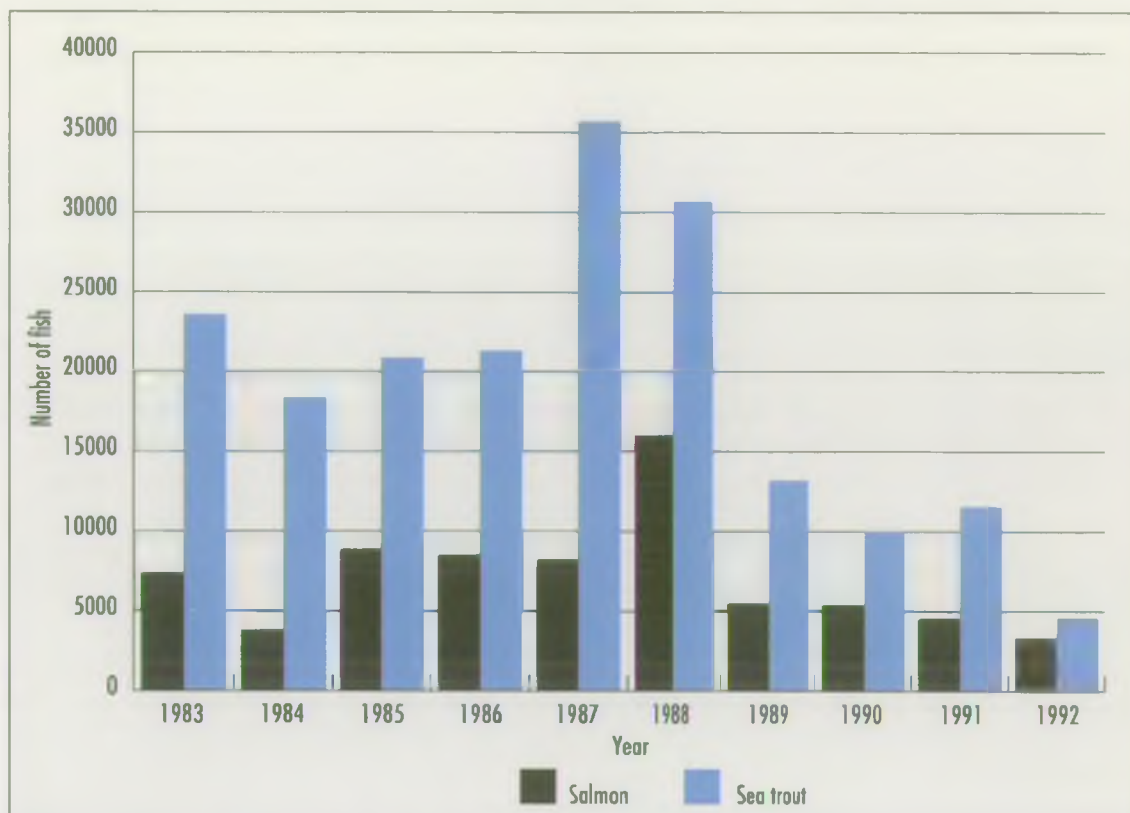


Figure 20: Reported rod catches of salmon and migratory trout, 1983 - 1992, Welsh Region.

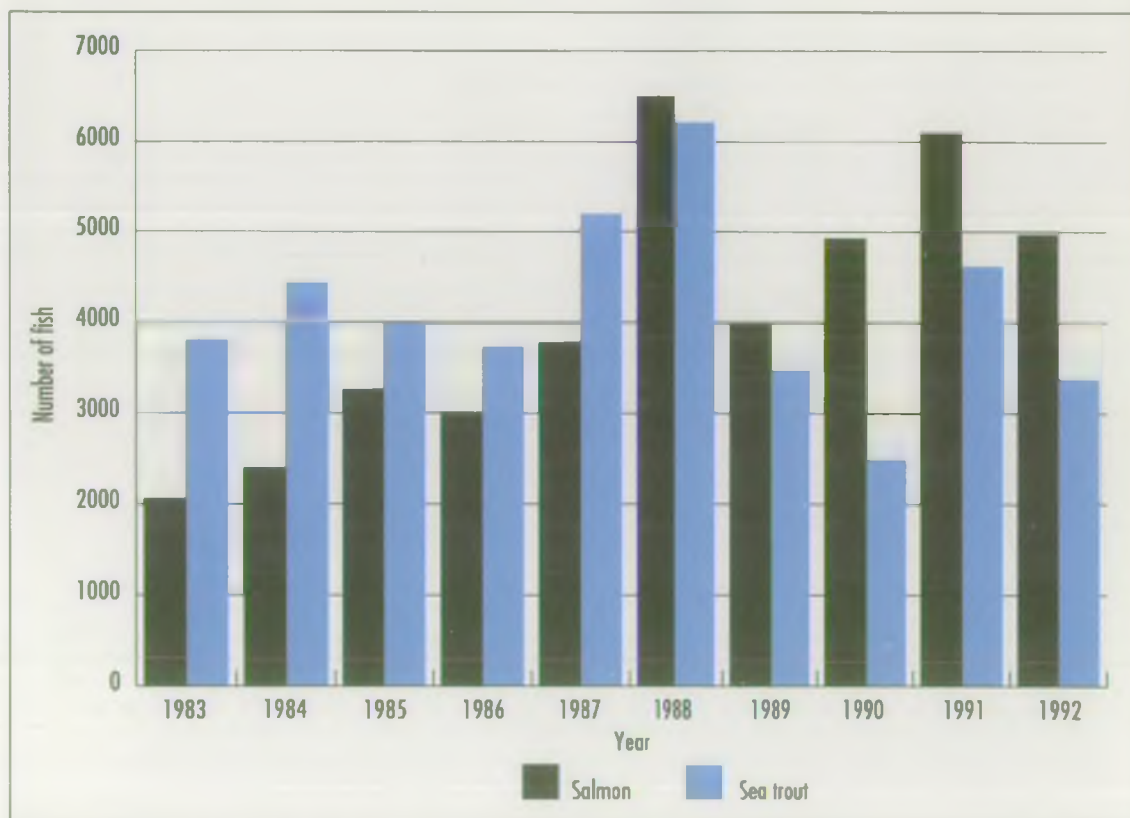


Figure 21: Reported rod catches of salmon and migratory trout, 1983 - 1992, North West Region.

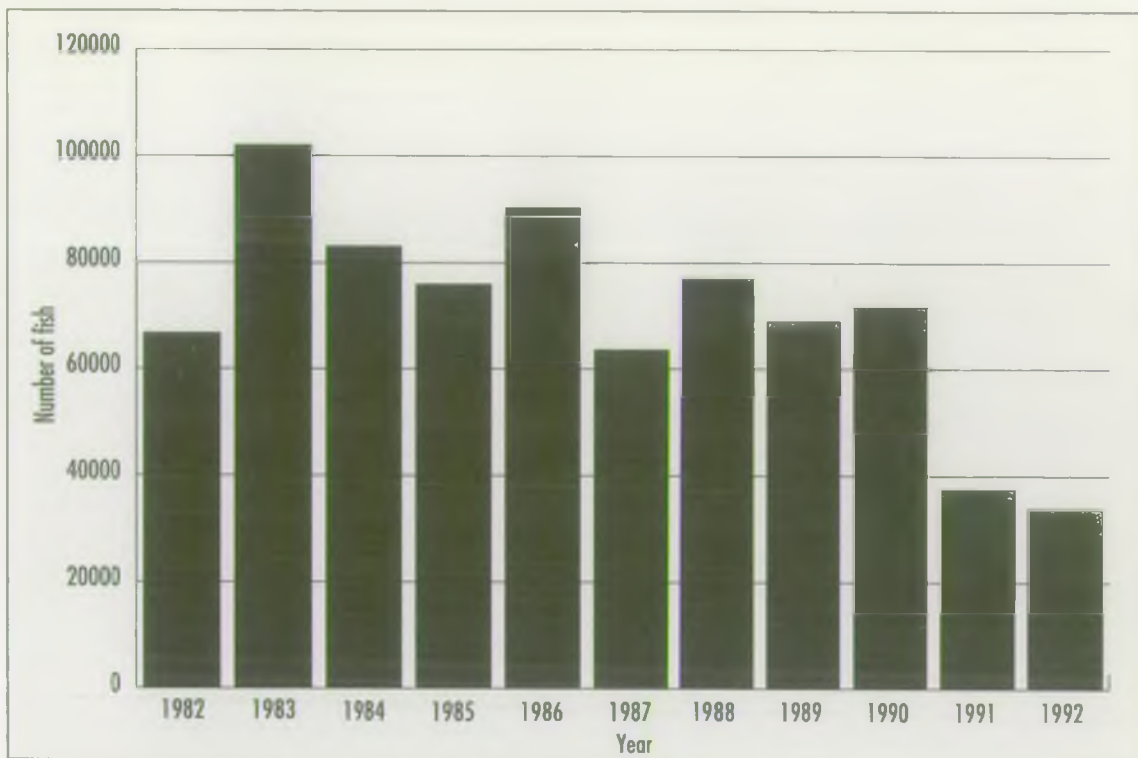


Figure 22: Reported net catches of salmon for England and Wales, 1982 - 1992.

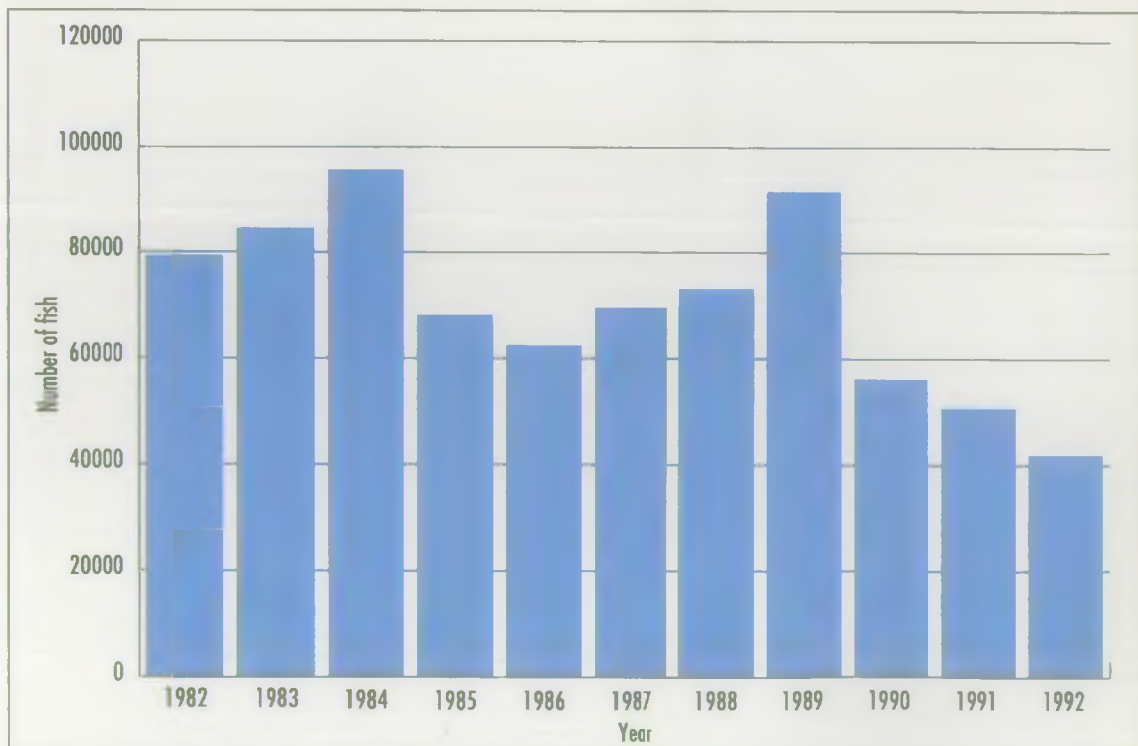


Figure 23: Reported net catches of migratory trout for England and Wales, 1982 - 1992.

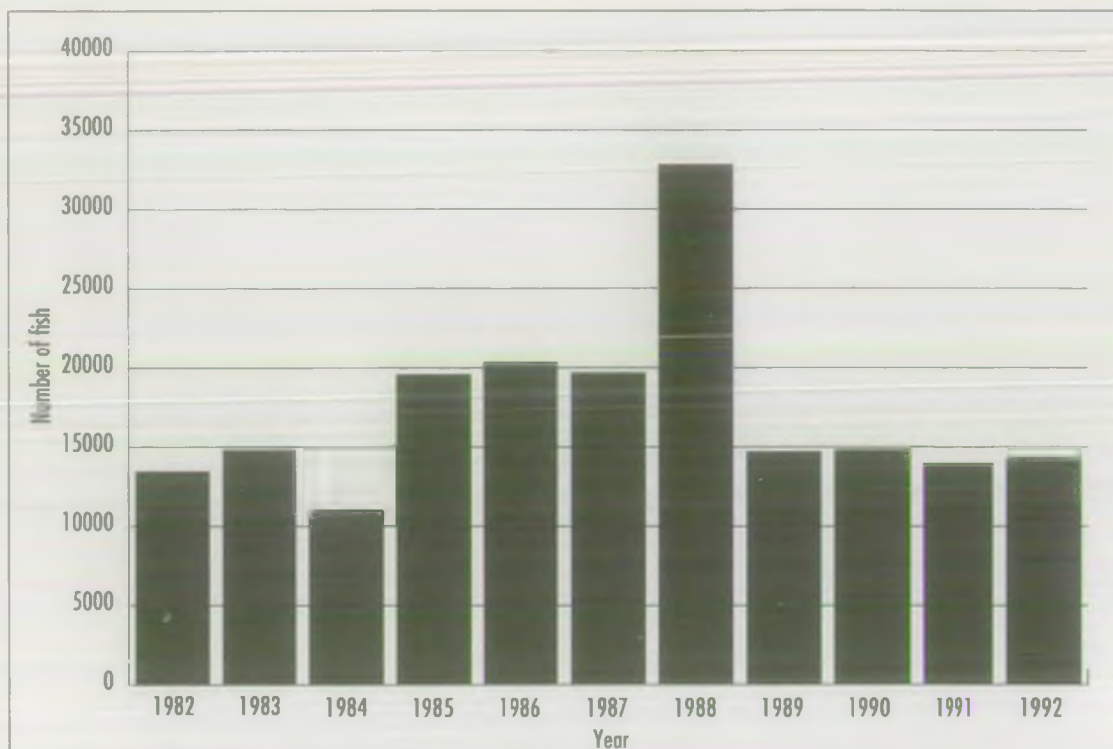


Figure 24: Reported rod catches of salmon for England and Wales, 1982 - 1992. (1992 figure taken from table 10).

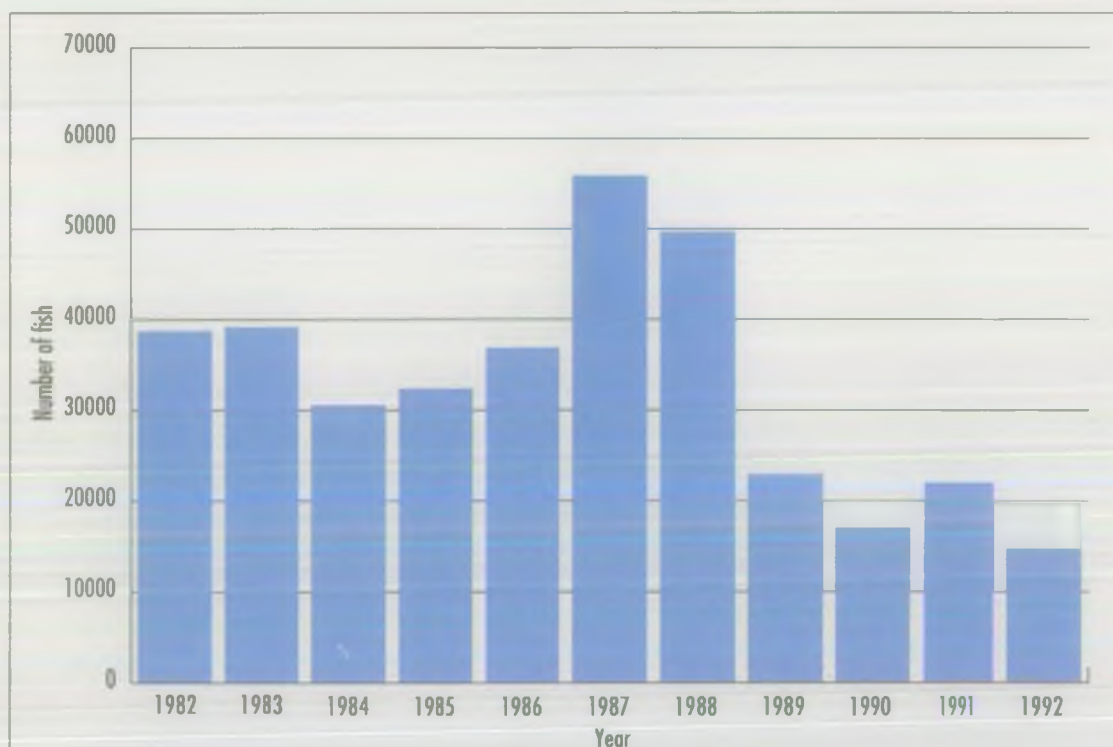


Figure 25: Reported rod catches of migratory trout for England and Wales, 1982 - 1992. (1992 figure taken from table 11).

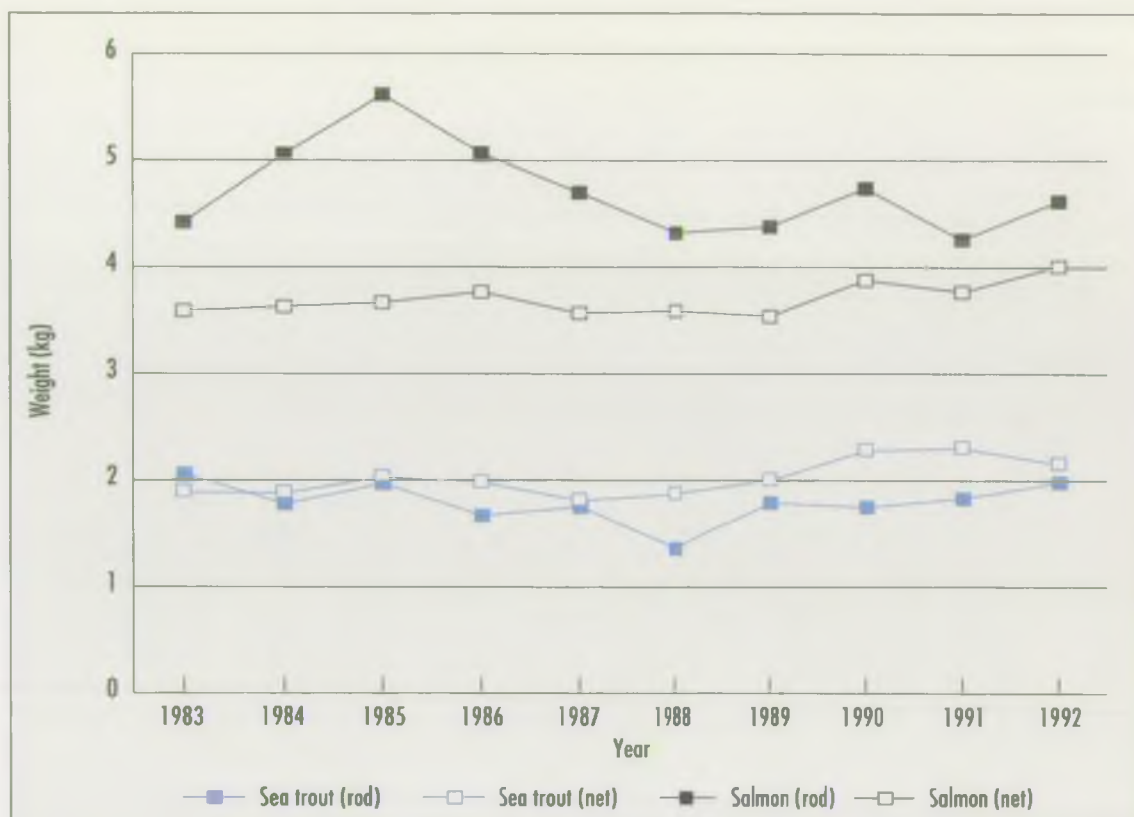


Figure 26: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, Northumbria Region.

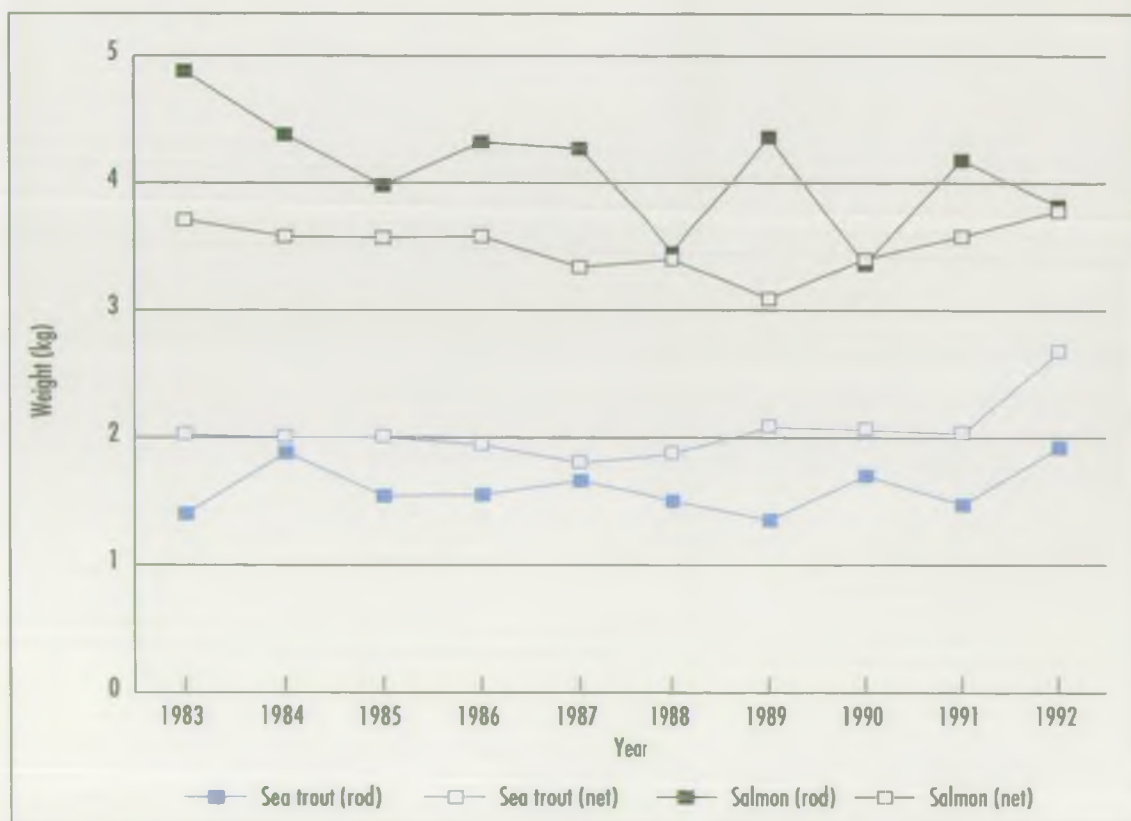


Figure 27: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, Yorkshire Region.

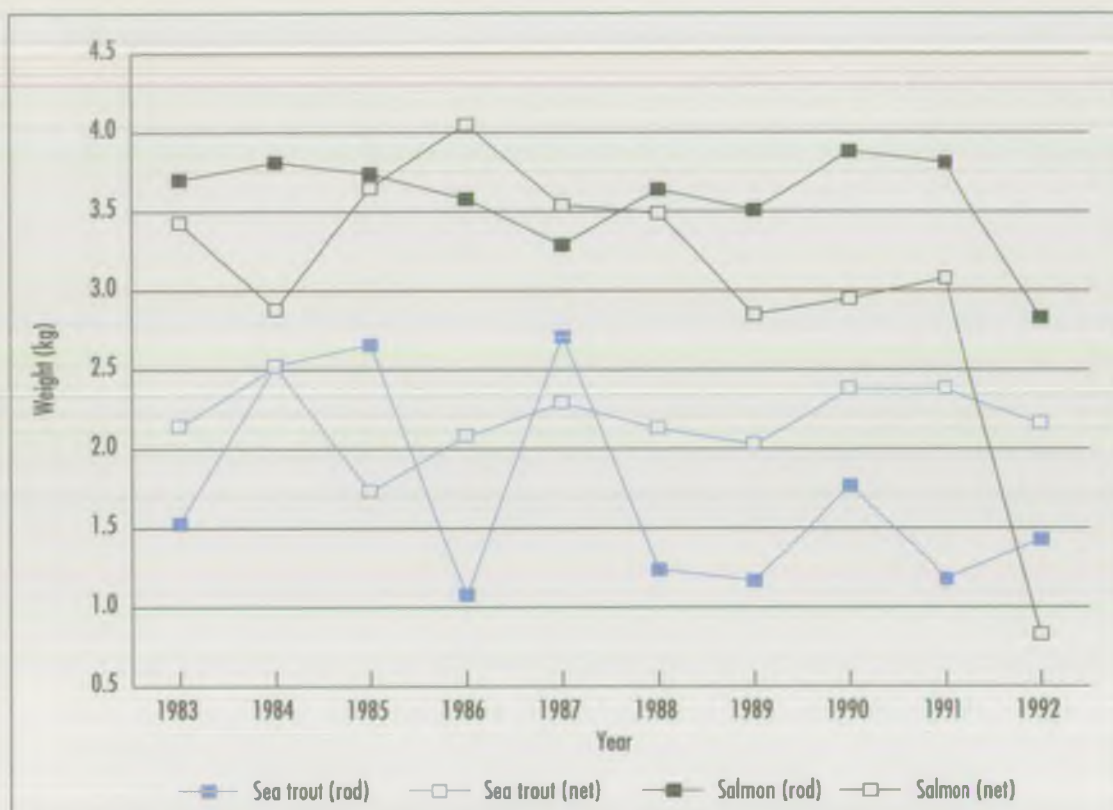


Figure 28: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, Southern Region.
(1992 salmon net catch comprised six small fish).

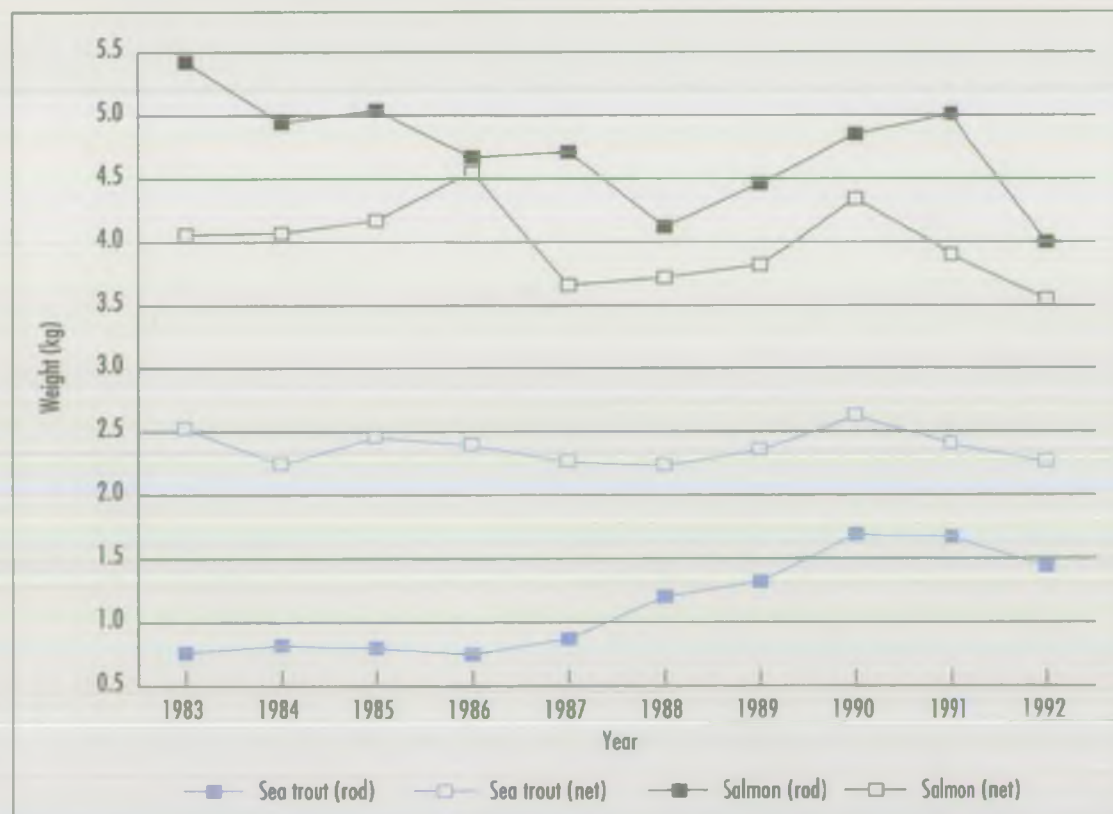


Figure 29: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, Wessex Region.



Figure 30: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, South West Region.

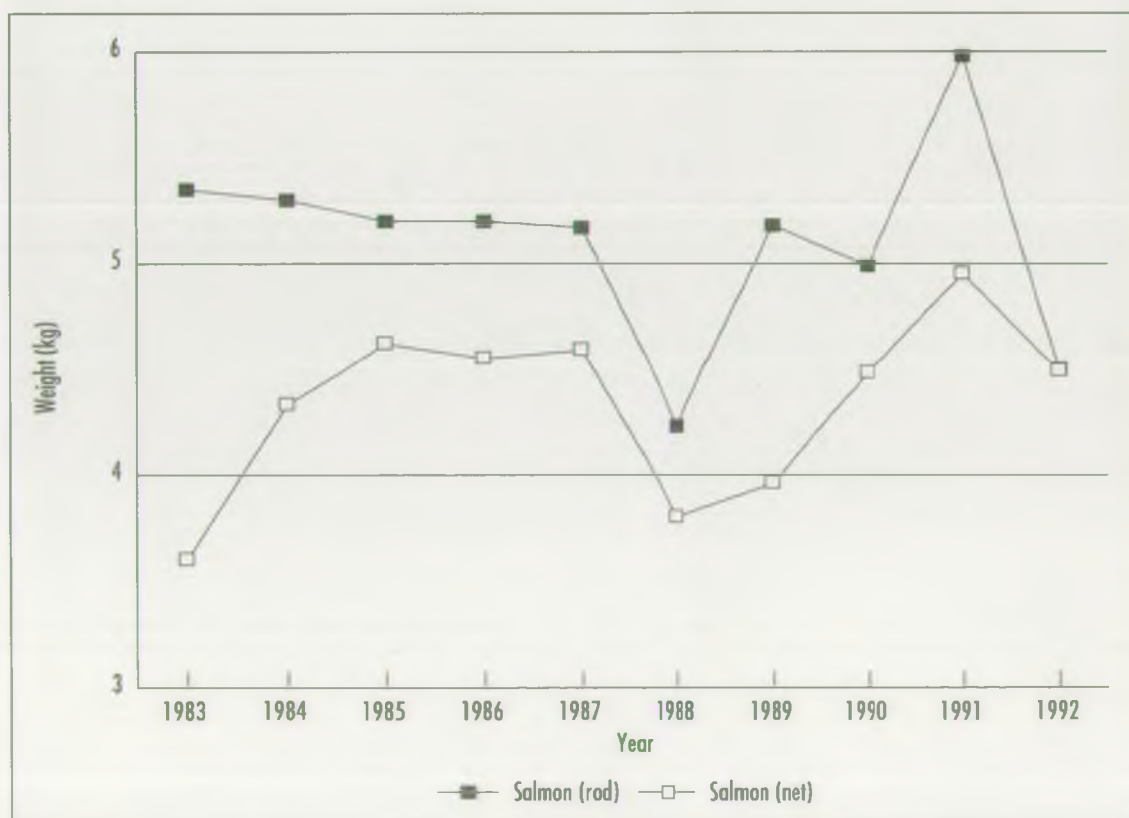


Figure 31: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, Severn-Trent Region.

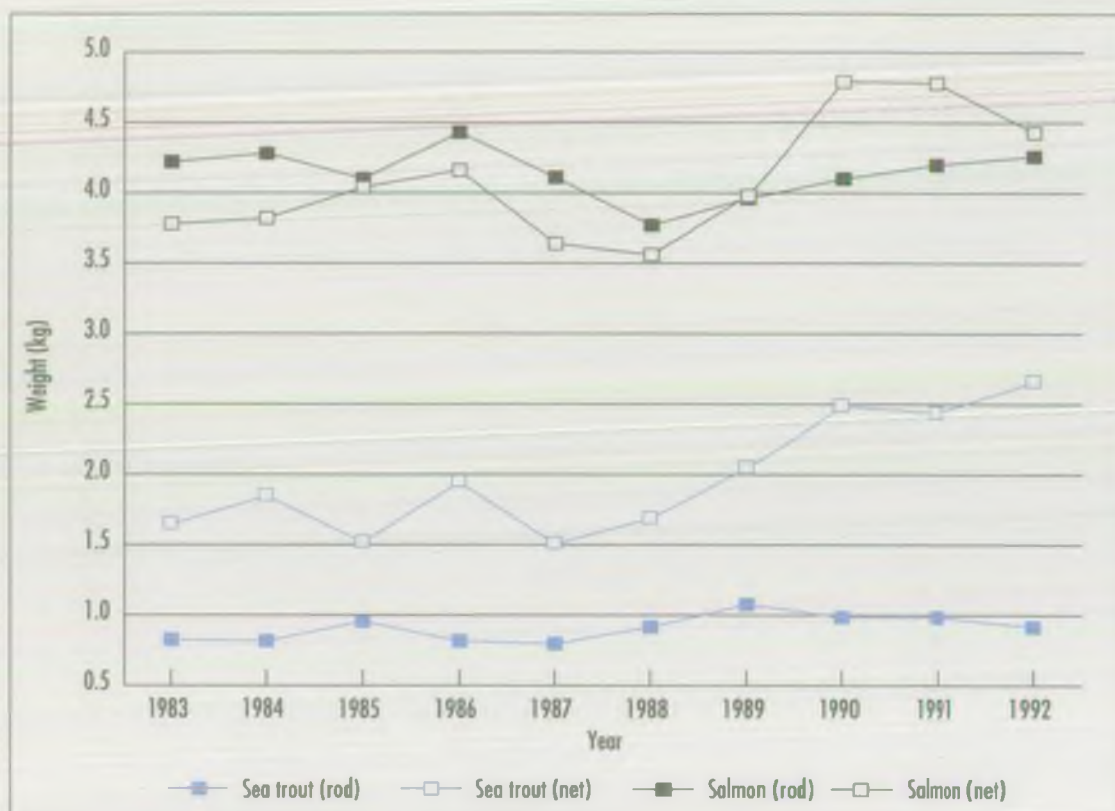


Figure 32: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, Welsh Region.

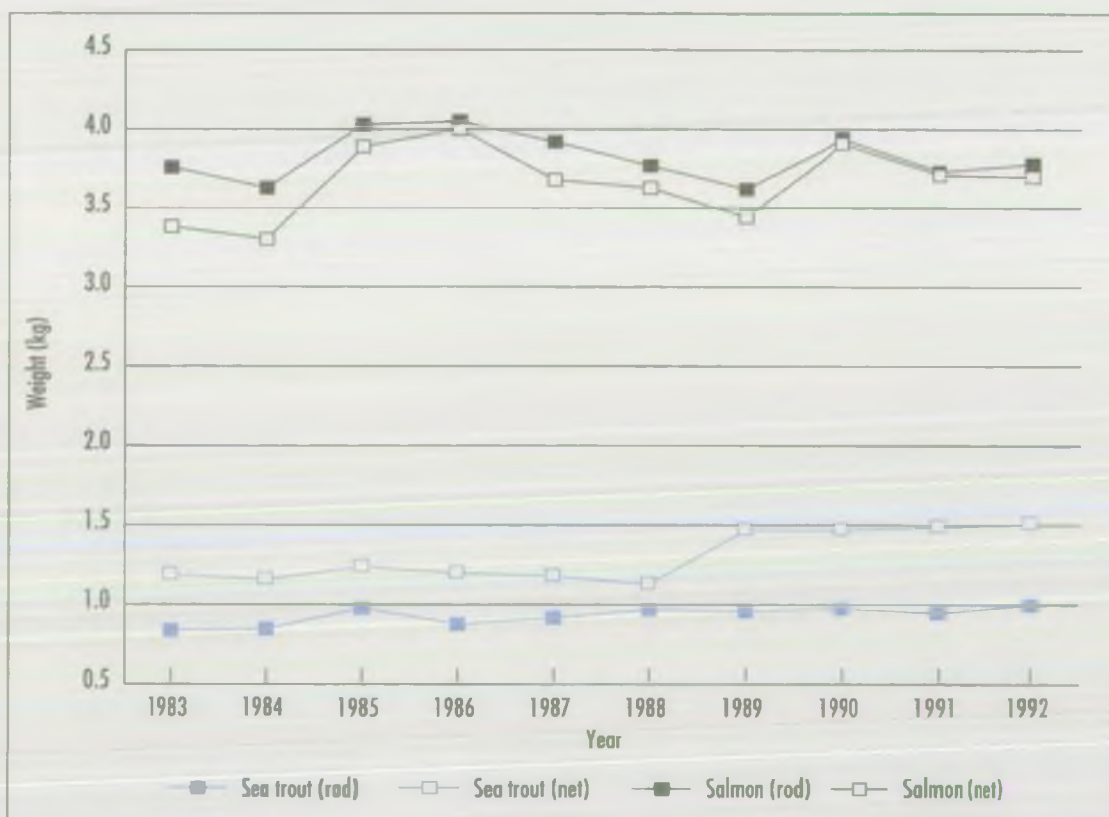


Figure 33: Average weight of net and rod caught salmon and migratory trout, 1983 - 1992, North West Region.

Table 1 National Rivers Authority annual statistics collection procedures for 1992 - net data.

NRA Region	Return form supplied	Return prepaid	Return required	Separate reporting of salmon and grilse	Separate reporting by weight groups (not S/G)	Catch data required from licensees				Catch reported separately for each method of capture	Effort data collected
						Daily record of individual fish	Daily aggregates	Weekly aggregates	Monthly aggregates		
Northumbria	Yes	Yes	Monthly	Yes (\pm 7lbs)	No	-	Yes	-	-	Yes	Yes
Yorkshire	Yes	Yes	15 Nov	Yes (\pm 7lbs)	No	-	Yes	-	-	Yes	Yes
Anglian	Yes	No	Monthly	No	Yes	Yes (a)	Yes	-	-	No	No
Thames	No net fisheries for salmon or migratory trout										
Southern	Yes	No	30 Nov	No	Yes (b)	-	-	-	Yes	Yes	Yes (c)
Wessex	Yes	No	15 Nov	Yes (\pm 8lbs)	No	-	-	Yes	-	Yes	No
South West	Yes	Yes	Monthly	No	No	Yes	-	-	-	Yes	No
Severn-Trent	Yes	Yes	31 Oct	No	Yes	Yes	-	-	-	Yes	Yes (d)
Welsh	Yes	Yes	Monthly	No	Yes (e)	-	Yes	-	-	Yes	Yes
North West	Yes	Yes	Monthly	No	No	Yes	-	-	-	Yes	Yes
Key: (a) Salmon only. (b) Numbers of fish recorded for 3 weight categories, <7, 7-15, >15lbs. (c) Effort data in 1991 collected only for the R. Itchen. (d) Voluntary for 1991, compulsory thereafter. (e) Numbers of fish recorded in 1lb weight groups up to 20lbs. Large fish entered individually.											

Table 2 Number and value of net fishing licences issued - 1992 season.

NRA Region	Salmon and Migratory Trout					Eel		
	Fishing Method	Number (a)	Duty (£)	Number Endorsees	Value (£) (b)	Method	Number (a)	Value (£)
Northumbria	Coastal (N) drift or T nets	75	775.00	158	58156.60	Fyke nets	55	302.50
	Coastal (S) drift nets	46	700.00	93	32218.60			
	Total	121		251	90375.20			
Yorkshire	Coastal drift nets	21	620.00	44	13900.00	Fyke nets	(73)	361.35
	Coastal T or J nets	31	470.00	58	15730.00	Criggs (in strings)	(40)	198.00
	Total	52		102	29630.00	(Max. 10 pots per string)		
Anglian	Coastal nets (various)	129	20.00	255	2631.00	Total (20 Licensees)	(113)	559.35
						Nets/Traps (Reg)	9	180.00
						Nets/Traps (Dist)	992	9920.00
Thames	Nil					Total	1001	10100.00
						Fyke nets	233	2330.00
						Traps	6	12.00
Southern	Seine nets	2	1.00	0	2.00	Pair trawls	1	100.00
	Seine net (c)	1	150.00 (d)	0	2250.00	Total	240	2442.00
	Seine net (Sea trout) (e)	1	1.00	0	1.00			
Wessex	Total	4		0	2253.00			
	Seine nets	7	147.00	12	1031.40	Nets/Traps	66	0.00
	Dip nets	3	47.40	0	142.20			
South West	Putcher ranks	1		0	247.20			
	250 Putchers (units of 50)	(6)	41.20					
	Total	11		12	1420.80			
Severn-Trent (h)	Seine nets (single river) (f)	14	120.00	-	-	Fyke nets	30	0
	Seine nets (single river)	73	120.00	337	8827.40	Elver dip nets	9	0
	Seine nets (double river)	1	190.00	5	191.00			
Welsh	Fixed Engine (Weir) Avon (g)	1	190.00	-	-			
	Fixed Engine (Trap) Lym	1	190.00	5	191.00			
	Drift nets (Camel)	7	120.00	18	843.60			
North West	Total	97		365	10053.00	Total	39	0
	Lave nets (half season)	27	21.00	0	567.00			
	Lave nets (full season)	23	42.00	0	966.00			
North West	Seine nets	7	100.00	33	706.60	Elver dip nets	496	9920.00
	Fixed Engine ranks	20		0	3040.00	Elver dip nets (Concessionary)	44	220.00
	comprising:					Gloucester eel nets	9	58.50
North West	5394 Putchers (units of 50)	(112)	25.00			Putcheons/baskets	9	58.50
	570m of leaders:					(Up to 20 putcheons per licence)		
	Leaders <90m	(6)	33.00			Putcheons/baskets	3	16.50
North West	additional 20m lengths	(4)	4.00			(Per additional 20 putcheons)		
	Putt (1 fixed engine)	(2)	3.00			Fyke nets (>4m)	1	6.50
	Total	77		33	5279.60	Fyke nets (2-4m)	132	594.00
North West						Fyke nets (<2m)	6	58.50
						(up to 5 <2m nets per licence)		
						Weir trap	3	52.50
North West						Total	703	10985.00
North West	Compass nets	8	48.00	7	385.40	Elver dip nets	196	2156.00
	Coracle nets	20	Var	48	5424.60	Fixed trap	1	11.00
	Wade nets	16	Var	34	292.80	Fyke nets	5	265.00
North West	Seine nets	47	Var	173	15577.60	Putcheons	5	66.00
	Drift nets (incl. sling nets)	10	695.00	15	6953.00	(20 per licence)		
	Trammel nets	4	408.00	7	1633.40			
North West	Lave nets	9	16.00	0	144.00			
	Putcher rank	1			1800.00			
	1800 Putchers (units of 50)	(36)	50.00	0				
North West	Fish trap-basket	1	50.00	6	51.20			
	Total	116		290	32262.00	Total	207	2498.00
North West	Haaf nets (Solway)	165	58.00	0	9570.00	Fyke nets (68)	7	374.00
	Cribs (Eden)	2	257.00	0	514.00	Dip nets	21	242.00
	Fishing Baulk (Esk)	0	287.00	0	0.00	Baskets (52)	3	49.80
North West	Drift nets (Cumbria Coastal)	4	288.00	12	1154.40			
	Drift nets (Ribble)	6	177.00	11	1064.20			
	Haaf nets (Lune)	26	100.00	0	2600.00			
North West	Drift nets (Lune)	10	288.00	20	2884.00			
	Seine net (Lune)	1	248.00	10	250.00			
	Seine nets (Duddon)	2	248.00	8	497.60			
North West	Lave nets (Kent)	8	100.00	0	800.00			
	Lave nets (Leven)	6	100.00	0	600.00			
	Total	230		61	19934.20	Total	31	665.80

Key: (a) Numbers represent the number of licensees, except for data in parentheses which represent numbers of licensed components on which duty is paid.
(b) Value includes endorsee fees (@ £0.20 each).
(c) This net operates under rights of ancient privilege and is charged according to the 5 year average catch.
(d) £150 per netting session, 15 sessions during the year, 4 sessions outside the netting season.
(e) Net operates under rights of ancient privilege in the river Beaulieu.
(f) Taw and Torridge rehabilitation scheme in operation. Licensees paid not to fish in 1992.
(g) Licence for Avon fixed engine bought by the NRA. Not used.
(h) Salmon licence details are for R.Severn only. Eel licences apply to both Severn and Trent catchments.

Table 3 Number and value of national rod fishing licences issued - 1 January 1992 to 31 March 1993.

NRA Region	Full Duty £12.50		Concessionary Duty £6.50		Total		Other types of rod licence			
	Number '000	Value £'000	Number '000	Value £'000	Number '000	Value £'000	General Number	General Value	Temporary Number	Temporary Value
Northumbria	21	258	9	56	30	314	6	£763	-	
Yorkshire	70	874	28	182	98	1056	12	£285	11	£184
Anglian	109	1367	42	272	151	1639	10	£1,466	117	£3,441
Thames	127	1585	38	245	165	1830	11	£2,622	17	£396
Southern	45	560	17	110	62	670	34	£7,321	23	£325
Wessex	32	400	16	104	48	504	3	£785	45	£601
South West	12	151	5	31	17	182	23	£2,156	17	£166
Severn-Trent	144	1805	52	335	196	2140	1	£188	76	£2,124
Welsh	34	425	17	109	51	534	22	£547	7	£79
North West	70	869	23	149	93	1018	3	£731	25	£556
Total	664	8294	247	1593	911	9887	125	£16,863	338	£7,873
<p>Note: The first National Rod Fishing Licence was introduced on 1 January 1992, and was valid for 15 months to take into account the different expiry dates of existing regional licences. Since the National Rod Fishing Licence covers all species of fish, there is no further breakdown of licence sales available, ie between salmon, migratory trout, trout and freshwater fish.</p>										

**Table 4 Annual net close seasons and weekly close times for salmon and migratory trout
- 1992 season.**

NRA Region	Area/Method	Salmon				Migratory trout (Where different)	
		Close Season		Weekly Close Time		Close Season	
		From	To	From	To	From	To
Northumbria		1.9	25.3 (a)	1800 Fri	0600 Mon		
Yorkshire	Drift net T or J net	1.9	31.1 (a)	1800 Fri	0600 Mon	1.9	28/29.2
			(a)	2000 Fri	0600 Mon		
Anglian		1.10	31.3	0600 Sun	2400 Mon		
Thames		No commercial netting					
Southern		31.7	15.2	0600 Sat	0600 Mon		
Wessex	Somerset	31.8	15.2	0600 Sat	0600 Mon		
	Avon+Stour	1.8	31.1 *	0600 Sat	0600 Mon (b)	1.8	14.4
	Frome (part only)	1.10 *	31.5 *	0600 Sat	0600 Mon (b)	1.8	31.5
	Other	1.8	31.3 *	0600 Sat	0600 Mon (b)	1.8	14.4
South West	Avon	16.9	14.4	0600 Sat	0600 Mon		
	Axe	20.8	31.3	1800 Fri	0600 Mon		
	Camel	1.9	1.3	0600 Sat	0600 Mon		
	Dart	17.8	14.3	0600 Sat	0600 Mon		
	Exe	17.8	15.4	0600 Sat	0600 Mon		
	Upper reach						
	Lower reach	17.8	13.2	0600 Sat	0600 Mon		
	Fowey	1.9	1.3	0600 Sat	0600 Mon		
	Tamar District	1.9	1.3	0600 Fri	0600 Mon (c)		
	Taw+Torridge R. Lyn	1.9	31.3	0600 Sat	0600 Mon		
	District	1.9	31.3	0600 Fri	0600 Mon		
	Teign	1.9	14.3	0600 Sat	0600 Mon		
Severn-Trent	Nets	1.9	31.1	1200 Sat	0600 Mon		
	Putts+Putchers (d)	16.8	15.4	-	-		
Welsh	Clwyd	1.9	14.3	2400 Thur	2400 Sun		
	Dee	1.9	28/29.2	2400 Thur	2400 Sun		
	Tywi+Taf	1.9	28/29.2	0600 Sat	1200 Mon		
	Usk	1.9	1.3	0600 Sat	0600 Mon		
	Wye Nets	1.9	31.1	0600 Sat	0600 Mon		
	Fixed Engines (d)	1.9	31.1	-	-		
	Other Nets	1.9	31.3	0600 Sat	0600 Mon (e)		
	Fixed Engines (d)	16.8	15.4	-	-		
North West	Solway Firth	10.9	24.2 (f)	0600 Sat	2400 Sun		
	Eden	1.9	31.3 (f)	0600 Sat	0600 Mon		
	Ellen	1.9	31.3	0600 Thur	0600 Mon		
	Other	1.9	31.3	0600 Sat	0600 Mon		

Key:

(a) From 1987 season, nightly close time (2000-0400) has also applied.
(b) Additional weekly close time between 2100-0500 Wed, Thur, and Fri applies.
(c) Weekly close times vary: 2.3-31.5 0600 Fri to 0600 Mon, 1.6-31.8 0600 Sat to 0600 Mon.
(d) No weekly close time for Fixed Engines.
(e) With the exception of weekly close times for Teifi, Nevern, E. and W. Cleddau which are as for Tywi +Taf.
(f) Close seasons changed by new byelaws which came into effect on 29 March 1988.

* Migratory trout close seasons are as for those of salmon except where indicated by an asterisk. Variations are given in the right-hand column. Weekly close times are the same for both species.

Notes: Close seasons and weekly close times are subject to local variations; the exact dates are determined by byelaws so that an individual river's spawning time can be taken into account.
Some waters may not be open for the full duration of the season.

Table 5—Annual rod-close seasons for salmon and migratory trout - 1992 season.

NRA Region	Area	Salmon Close Season		Migratory trout Close Season	
		From	To	From	To
Northumbria		1.11	31.1	1.11	2.4
Yorkshire		1.11	5.4	1.11	5.4
Anglian		29.9	28/29.2	29.9	28/29.2
Thames		1.10	31.3	1.10	31.3
Southern		3.10	16.1	1.11	30.4
Wessex	Frome and Piddle	1.10	28/29.2	1.11	14.4
	Other	1.10	31.1	1.11	14.4
South West	Avon	1.12	14.4	1.10	14.4
	R. Avon District	1.11	14.3	1.10	14.3
	Axe	1.11	14.3	1.11	14.4
	Camel	16.12	31.3	1.10	31.3
	Dart	1.10	31.1	1.10	14.3
	Exe	1.10	13.2	1.10	14.3
	Fowey	16.12	31.3	1.10	31.3
	Tamar+Plym	16.12	31.3	1.10	2.3
	R. Plym	16.12	31.3	1.10	2.3
	R. Yealm District	15.10	28/29.2	1.10	2.3
	Taw+Torridge	1.11	31.1	1.10	14.3
	R. Lyn District	1.10	28/29.2	1.10	14.3
	Teign	1.10	31.1	1.10	14.3
Severn-Trent		8.10	31.1	8.10	17.3
Welsh	Dee+Usk	18.10	25.1	18.10	19.3
	Wye Upper reach+Tributaries	26.10	25.1	18.10	19.3
	Lower reach	18.10	25.1	18.10	19.3
	Other	18.10	19.3	18.10	19.3
North West	Eden	15.10	14.1	16.10	30.4
	Other (a)	1.11	31.1	16.10	30.4
<p>Key: (a) Migratory trout close season differs for rivers Annas, Bleng, Esk, Mite, Irt, Calder and Ehen for which 1.11 to 30.4 applies.</p> <p>Notes: Close seasons and weekly close times are subject to local variations; the exact dates are determined by byelaws so that an individual river's spawning time can taken into consideration.</p> <p>Some waters may not be open for the full duration of the season.</p>					

Table 6 Monthly reported salmon and grilse catches by nets - 1992 season.

NRA Region	River/ Fishery	Fishing Method	No. Lic.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Un-Known	Total Number	Total Weight (Kg)	Average day/ lic.	Catch/ Lic. day
Northumbria	Coastal (N)	Drift nets	75 (a)	-	1	227	758	1471	4772	4987	-	0	12196	50858	35.7	4.55
	Coastal (S)	T nets	75 (a)	-	0	23	166	430	1037	549	-	0	2205	8091	9.7	3.03
	Coastal (S)	Drift nets	46	-	0	53	207	487	1582	1837	-	0	4166	15716	41.8	2.17
	Whole area	Total	121	-	1	303	1131	2388	7391	7353	-	0	18567	74465	27.2	3.48
Yorkshire	Coastal	Drift nets	21	0	0	0	31	166	616	399	-	0	1212	4740	33.2	1.74
	T or J nets		31	0	0	0	10	106	203	46	-	0	365	1228	40.9	0.29
	Whole area	Total	52	0	0	0	41	272	819	445	-	0	1577	5968	37.8	0.80
Anglian	Coastal	Various nets	129	-	-	0	0	2	2	5	2	0	11	41		
Southern	Itchen	Seine net (private)	1 (b)	0	0	0	0	0	0	-	-	0	0	0	10.0	5.00
	Hants area	Seine nets	3	0	1	4	1	0	0	-	-	0	6	5		
	Whole area	Total	4	0	1	4	1	0	0	-	-	0	6	5		
Wessex	Avon + Stour	Seine nets	6	0	0	1	9	24	88	-	-	0	122	403		
	Poole Harbour	Seine net	1	-	0	0	3	1	19	-	-	0	23	89		
	Parrett	Dip nets	3	0	0	0	2	4	8	0	-	0	14	55		
		Putcher ranks	1	0	0	0	9	9	11	0	-	0	29	121		
	River total		4	0	0	0	11	13	19	0	-	0	43	178		
	Whole area	Total	11	0	0	1	23	38	128	0	-	0	188	688		
				0	0	1	23	38	128	0	-	0				
South West	Exe	Seine nets	18	0	0	9	22	169	604	204	-	0	1008	2617		
	Teign	Seine nets	10	-	0	6	22	128	461	244	-	0	861	2463		
	Dart	Seine nets	18	-	0	14	56	137	430	273	-	0	910	2823		
	Avon	Fixed Engine	1 (c)	-	-	-	-	-	-	-	-	-	-	-		
	Camel	Drift nets	7	-	17	7	1	11	62	126	-	0	224	588		
	Tavy	Seine nets	4	-	0	0	11	44	225	241	-	0	521	1511		
	Tamar	Seine nets	14	-	2	10	25	155	660	612	-	0	1464	4175		
	Tavy/Tamar	Seine net	1 (d)	-	-	-	-	-	-	-	-	-	-	-		
	Lynher	Seine nets	5	-	2	1	7	11	104	103	-	0	228	681		
	Fowey	Seine nets	4	-	0	0	1	7	40	16	-	0	64	162		
	Lyn	Fixed Engine	1	-	-	0	2	14	18	18	-	0	53	166		
	Whole area	Total	83	0	21	47	147	676	2605	1837	-	0	5333	15186		
				0	21	47	147	676	2605	1837	-	0				
				0	21	47	147	676	2605	1837	-	0				
				0	21	47	147	676	2605	1837	-	0				
				0	21	47	147	676	2605	1837	-	0				
Severn-Trent	Severn	Seine nets	7	0	0	4	18	55	33	8	-	0	116	588 (f)		
		Lave nets	50 (e)	4	11	21	49	131	173	107	-	0	496	2383 (f)		
		Fixed Engines	20	-	-	62	286	357	565	235	-	0	1505	6548 (f)		
	Whole area	Total	77	4	11	87	351	543	771	350	-	0	2117	9509		
Welsh	Wye	Lave nets	9	0	0	0	0	0	4	3	-	0	7	27	23.3	0.03
	Usk	Drift nets	8	0	2	52	117	166	425	265	-	0	1027	5208	79.6	1.61
		Putcher rank	1	0	0	0	38	31	158	191	-	0	418	2135	123.0	3.40
		River total	9	0	2	52	155	197	583	456	-	0	1445	7343	84.4	1.90
	Tywi	Seine nets	7	0	0	0	0	1	3	7	-	0	11	32	41.0	0.04
		Coracle nets	9	0	0	3	5	8	10	1	-	0	27	113	45.2	0.07
		River total	18	0	0	3	5	9	13	8	-	0	38	145	43.4	0.05
	Taf	Wade net	1	0	0	0	0	0	0	0	-	0	0	0	34.0	0.00
		Coracle net	1	0	0	1	2	3	1	0	-	0	7	24	59.0	0.12
		River total	2	0	0	1	2	3	1	0	-	0	7	24	46.5	0.08
	S.W.Coastal	Wade nets	15	0	0	1	0	1	0	0	-	0	2	8	3.8	0.04
		Seine nets	2	0	0	0	0	0	0	0	-	0	0	0	0.0	0.00
		Fishery total	17	0	0	1	0	1	0	0	-	0	2	8	3.3	0.04
	E+W.Cleddau	Compass nets	8	0	0	0	0	0	5	3	-	0	8	27	12.9	0.08
	Neve	Seine net	1	0	-	0	0	3	3	2	-	0	8	28	34.0	0.24
	Teifi	Seine nets	4	0	0	1	17	10	30	9	-	0	67	249	72.7	0.23
		Coracle nets	10	0	0	2	6	6	6	5	-	0	25	66	47.8	0.05
		River total	14	0	0	3	23	16	36	14	-	0	92	317	54.9	0.12
	Dyfi	Seine nets	4	0	0	0	0	3	17	10	-	0	30	133	39.3	0.19
	Dysynni	Seine nets	1	0	0	0	0	4	1	2	-	0	7	12	24.0	0.28
	Mawddach	Seine nets	2	0	0	0	0	4	4	0	-	0	8	18	30.0	0.13
	Glaslyn	Seine net	2	0	0	0	5	10	3	0	-	0	18	57	29.0	0.31
	Dwyfawr	Seine nets	2	0	0	0	0	5	0	0	-	0	5	23	13.5	0.19
	Seiont/Gwyrfa	Seine nets	2	0	0	0	0	12	33	89	-	0	134	462	51.5	1.30
	Ogwen	Seine nets	2	0	0	0	0	3	47	55	-	0	105	341	37.0	1.42
	Conwy	Basket trap	1	0	0	0	3	0	0	9	-	0	12	45	4.0	3.00
		Seine nets	5	0	0	0	0	5	38	27	-	0	70	307	31.2	0.45
		River total	6	0	0	0	3	5	38	36	-	0	82	352	26.7	0.51
	Chwyd	Sling nets	2	0	0	0	3	3	58	41	-	0	105	309	39.0	1.35
	Dee	Trammel nets	4	0	0	0	0	10	62	115	-	0	187	1008	33.3	1.40
		Seine nets	13	0	2	2	22	65	207	341	-	0	639	2341	52.0	0.95
		River total	17	0	2	2	22	75	269	456	-	0	828	3347	47.6	1.02
	Whole area	Total	116	0	4	62	218	353	1115	1175	-	0	2927	12973	36.8	0.69
North West (g)	Ribble	Drift nets	6	-	-	0	1	15	14	72	-	0	102	486	46.5	0.35
	Lune	Haaf nets	26	-	-	0	4	86	261	253	-	0	604	2305	63.7	0.36
		Drift nets	10	-	-	0	3	38	280	549	-	0	888	3017	48.3	1.80
		Seine net	1	-	-	0	0	1	17	11	-	0	29	94	65.0	0.45
		River total	37	-	-	0	7	123	558	813	-	0	1501	5416	59.6	0.68
	Kent	Lave nets	8	-	-	0	0	1	58	9	-	0	68	228	17.0	0.50
	Leven	Lave nets	6	-	-	0	0	2	4	2	-	0	8	30	15.7	0.08
	Duddon	Seine nets	2	-	-	0	0	0	0	1	-	0	1	4	26.0	0.02
	S&W Cumbria (h)	Fishing baulk	1	-	-	-	-	-	-	-	-	-	-	-		
		Drift nets	4	-	-	-	-	-	-	-	-	-	-	-		
		Area total	5	-	-	0	0	1	140	313	-	0	454	1808	31.0	2.93
	Eden + Esk (i)	Haaf nets	165	-	-	-	-	-	-	-	-	-	-	-		
		Cribs	2	-	-	-	-	-	-	-	-	-	-	-		
	Whole area	River Total	167	-	-	6	25	130	382	384	62	0	989	3778	29.6	0.20
		Total	231	-	0	6	33	272	1156	1594	62	0	3123	11550	34.2	0.40
England and Wales													33849	130365		

Key:

(a) Northern area licences are for both drift and T nets. Not all licensees use T nets.

(b) All fish caught were released alive as part of a tracking programme; these fish (50 in total) have been excluded from the declared catch data, but have been included (where appropriate) for the purpose of calculating catch per licence-day.

(c) Licence purchased by NRA South West region but was not used.

(d) Catches included under Tavy and Tamar as appropriate.

(e) Figures for half- and full-season laves combined.

(f) Mean weights used for all weight categories, from scale-reading sub-sample.

(g) Effort data for the NRA North West region are measured as catch per licence-tide not catch per licence-day.

(h) Catches are not disclosed for reasons of confidentiality and are thus amalgamated as an area total. In past years, the area total included Ellen haaf nets and/or Derwent coops, but these were not fished in 1991.

(i) Catch by method not disclosed for reasons of confidentiality.

Notes:

A dash is used to denote months that fall entirely within the annual close season.

Percentage return rates for all net fisheries can be regarded as 100% unless otherwise specified by a footnote.

Table 7 Monthly reported migratory trout catches by nets - 1992 season.

NRA Region	River/Fishery	Fishing Method	No. Lics	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Un-known	Total Number	Total Weight (kg)	Average day/Lic.	Catch/Lic. day
Northumbria	Coastal (N)	Drift nets	75 (a)	-	0	158	633	1998	1101	1226	-	0	5118	13099	35.7	1.91
		T nets	75 (a)	-	0	132	1745	3752	2019	808	-	0	8458	14701	9.7	11.58
	Coastal (S)	Drift nets	48	-	0	170	1290	3621	2713	1707	-	0	9501	21762	41.8	4.94
	Whole area	Total	121	-	0	460	3668	9371	5833	3741	-	0	23073	49562	27.2	4.33
Yorkshire	Coastal	Drift nets	21	-	0	0	420	970	927	542	-	0	2859	6093	33.2	4.10
		T or J nets	31	-	0	0	1137	3138	1398	464	-	0	6137	17955	40.9	4.84
	Whole area	Total	52	-	0	0	1557	4108	2325	1006	-	0	8996	24048	37.8	4.58
Anglian	Coastal	Various nets	129	-	-	74	175	953	880	394	491	0	2967	5213		
Southern	Itchen	Seine net (private)	1	0	0	0	0	48	71	-	-	0	117	278 (b)	10.0	8.30
	Hants area	Seine nets	3	0	0	7	5	1	8	-	-	0	19	16		
	Whole area	Total	4	0	0	7	5	47	77	-	-	0	136	294		
Wessex	Avon + Stour	Seine nets	8	-	-	1	25	88	111	-	-	0	225	497		
	Poole Harbour	Seine net	1	-	-	0	3	9	9	-	-	0	21	59		
	Parrett	Dip nets	5	0	0	0	0	0	0	0	-	0	0	0		
		Putchers	1	0	0	0	0	0	0	0	-	0	0	0		
		River total	6	0	0	0	0	0	0	0	-	0	0	0		
	Whole area	Total	13	0	0	1	28	97	120	0	-	0	246	556		
South West	Exe	Seine nets	18	0	0	3	3	2	0	0	-	0	8	12		
	Teign	Seine nets	10	-	0	87	205	141	37	8	-	0	476	703		
	Dart	Seine nets	18	-	15	172	178	123	70	9	-	0	565	919		
	Avon	Fixed Engine	1 (c)	-	-	-	-	-	-	-	-	-	-	-		
	Camel	Drift nets	7	-	0	24	2	1	2	4	-	0	33	48		
	Tavy	Seine nets	4	-	0	81	47	47	13	1	-	0	199	286		
	Tamar	Seine nets	14	-	2	86	51	49	15	2	-	0	185	315		
	Tavy/Tamar	Seine net	1 (d)	-	-	-	-	-	-	-	-	-	-	-		
	Lynher	Seine nets	5	-	0	3	15	23	1	0	-	0	42	75		
	Fowey	Seine nets	4	-	9	8	26	81	5	1	-	0	110	139		
	Lyn	Fixed Engine	1	-	-	0	9	10	10	0	-	0	29	84		
	Whole area	Total	83	0	26	454	534	457	153	23	-	0	1647	2561		
Welsh	Usk	Drift nets	8	0	0	3	13	14	15	4	-	0	49	175	78.6	0.08
		Putcher rank	1	0	0	0	7	9	8	3	-	0	27	68	123.0	0.22
		River total	9	0	0	3	20	23	23	7	-	0	76	243	84.4	0.10
	Tywi	Seine nets	7	0	0	18	32	21	12	1	-	0	82	166	41.0	0.29
		Coracle nets	9	0	1	108	139	151	66	8	-	0	473	1246	45.2	1.18
		River total	16	0	1	124	171	172	78	9	-	0	555	1412	43.4	0.80
	Taf	Wade net	1	0	0	0	0	2	2	0	-	0	4	5	34.0	0.12
		Coracle net	1	0	0	15	23	19	16	0	-	0	73	181	59.0	1.24
		River total	2	0	0	15	23	21	18	0	-	0	77	186	46.5	0.83
	S.W. Coastal	Wade nets	15	0	0	0	7	4	6	3	-	0	20	41	3.8	0.35
		Seine nets	1	0	0	0	0	0	0	0	-	0	0	0	0.0	0.00
		Fishery total	16	0	0	0	7	4	6	3	-	0	20	41	3.3	0.38
	E+W. Cleddau	Compass nets	8	0	0	0	0	0	2	0	-	0	2	3	12.9	0.02
	Nevern	Seine net	1	0	0	0	17	20	4	5	-	0	46	103	34.0	1.35
	Teifi	Seine nets	4	0	0	1	38	40	21	0	-	0	100	237	72.7	0.34
		Coracle nets	10	0	0	7	42	18	15	3	-	0	85	383	47.8	0.18
		River total	14	0	0	8	80	58	36	3	-	0	185	630	54.9	0.24
	Dyfi	Seine nets	4	0	0	0	48	101	8	2	-	0	157	424	38.3	1.00
	Dysynni	Seine nets	1	0	0	0	0	2	2	1	-	0	5	16	24.0	0.21
	Mawddach	Seine nets	2	0	0	0	0	1	0	0	-	0	1	1	30.0	0.02
	Glaslyn	Seine nets	2	0	0	0	37	39	5	0	-	0	81	181	29.0	1.40
	Dwyfawr	Seine nets	2	0	0	0	0	68	12	0	-	0	80	189	13.5	2.98
	Seiont/Gwyrfa	Seine nets	1	0	0	0	0	28	25	27	-	0	78	173	51.5	1.51
	Ogwen	Seine nets	2	0	0	0	0	29	17	0	-	0	46	129	37.0	0.62
	Conwy	Fish Trap	1	0	0	0	0	0	0	0	-	0	0	0	4.0	0.00
		Seine nets	5	0	0	0	0	0	10	1	-	0	11	24	31.2	0.07
		River Total	6	0	0	0	0	0	10	1	-	0	11	24	26.7	0.07
	Clwyd	Sling nets	2	0	0	0	11	67	40	11	-	0	129	340	39.0	1.65
	Dee	Trammel nets	4	0	0	0	0	6	0	2	-	0	8	16	33.3	0.08
		Seine nets	13	0	0	0	4	27	35	24	-	0	90	279	52.0	0.13
		River total	17	0	0	0	4	33	35	28	-	0	98	295	47.8	0.12
	Whole area	Total	105	0	1	150	418	684	321	95	-	0	1647	4370	38.7	0.41
North West (e)	Ribble	Drift nets	8	-	-	0	1	16	5	2	-	0	24	80	48.5	0.08
	Lune	Haaf nets	28	-	-	2	47	820	178	19	-	0	1084	1711	83.7	0.64
		Drift nets	10	-	-	0	9	214	73	12	-	0	308	750	48.3	0.64
		Seine net	1	-	-	0	3	13	11	1	-	0	28	45	65.0	0.43
		River total	37	-	-	2	59	1047	260	32	-	0	1400	2506	59.6	0.83
	Kent	Lave nets	8	-	-	0	0	0	0	0	-	0	8	10	17.0	0.04
	Leven	Lave nets	8	-	-	0	0	0	0	0	-	0	0	0	15.7	0.00
	Duddon	Seine nets	2	-	-	0	1	8	15	3	-	0	25	48	26.0	0.48
	S&W Cumbria (f)	Baulk	1	-	-	-	-	-	-	-	-	-	-	-		
		Drift nets	4	-	-	-	-	-	-	-	-	-	-	-		
		Area total	5	-	-	0	0	0	0	0	-	0	0	0	31.0	0.00
	Eden + Esk (g)	Haaf nets	165	-	-	-	-	-	-	-	-	-	-	-		
		Cribs	2	-	-	-	-	-	-	-	-	-	-	-		
		River Total	187	-	0	8	380	1072	252	23	1	0	1738	2157	29.6	0.35
	Whole area	Total	231	-	0	10	441	2141	538	80	1	0	3191	4799	33.9	0.41
England and Wales													41903	91403		

Key:

- (a) Northern area licences are for both drift and T nets. Not all licensees use T nets.
 (b) Weight estimated using 1991 average for netted migratory trout from the Itchen.
 (c) Licence purchased by NRA South West region but was not used.
 (d) Catches included under Tavy and Tamar as appropriate.
 (e) Effort data for the NRA North West region are measured as catch per licence-tide not catch per licence-day.
 (f) Catches are not disclosed for reasons of confidentiality and are thus amalgamated as an area total. In past years, the area total included Ellen haaf nets and/or Donvent coops, but these were not fished in 1991.
 (g) Catch by method not disclosed for reasons of confidentiality.

Notes:

A dash is used to denote months that fall entirely within the annual close season.
 Percentage return rates for all net fisheries can be regarded as 100% unless otherwise specified by a footnote.
 Migratory trout are not caught on the Wye or Severn and these fisheries are not included.

Table 8 Monthly reported rod catches of salmon and grilse by principal rivers - 1992 season.

NRA Region	River	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-Known	Total Number	Total Weight (kg)
Northumbria	Aln	-	0	1	2	0	0	0	0	1	0	-	-	0	4	11
	Coquet	-	12	20	38	28	15	25	80	92	183	-	-	1	494	1612
	Tyne	-	31	30	35	61	24	14	63	295	530	-	-	3	1086	5783
	Wear	-	4	5	2	3	3	1	9	38	97	-	-	3	165	678
	Tees	-	5	1	0	0	0	0	0	0	5	-	-	0	11	50
	Others	-	0	0	0	0	1	0	0	0	2	-	-	0	3	13
	Total	-	52	57	77	92	42	40	152	426	815	-	-	7	1763	8147
Yorkshire	Esk	-	-	-	0	0	0	0	1	6	35	-	-	0	42	156
	Ouse	-	-	1	0	0	0	0	1	0	1	-	-	0	3	16
	Total	-	-	1	0	0	0	0	2	6	36	-	-	0	45	172
Thames	Thames	-	-	-	0	0	0	0	0	0	-	-	-	0	0	0
Southern	Test	0	0	0	0	0	0	9	2	1	0	-	-	0	12	32
	Itchen	0	0	0	0	2	1	2	1	0	0	-	-	0	6	19
	Total	0	0	0	0	2	1	11	3	1	0	-	-	0	18	51
Wessex	Avon	-	1	1	2	1	7	6	2	3	-	-	-	3	26	107
	Stour	-	1	0	0	0	0	0	0	0	-	-	-	0	1	9
	Piddle	-	-	0	1	0	0	0	0	0	-	-	-	0	1	4
	Frome	-	-	1	2	6	11	12	13	16	-	-	-	0	61	236
	Total	-	2	2	5	7	18	18	15	19	-	-	-	3	89	356
South West	Exe	-	3	8	12	16	20	76	274	351	-	-	-	2	762	2033
	Teign	-	1	5	2	1	8	9	33	38	-	-	-	0	97	294
	Dart	-	1	2	4	5	1	5	50	85	-	-	-	1	154	464
	Avon	-	-	-	0	0	1	1	1	3	10	0	-	17	33	96
	Plym	-	-	-	0	0	0	0	1	3	2	0	0	32	38	157
	Tavy	-	-	2	0	1	0	3	30	51	25	-	-	1	113	351
	Tamar	-	-	2	9	15	16	30	62	152	73	-	-	1	360	1086
	Lynher	-	-	0	1	3	0	3	19	46	31	-	-	44	147	386
	Fowey	-	-	-	1	7	4	10	38	31	71	0	0	75	237	777
	Camel	-	-	-	0	0	5	11	22	32	33	0	0	61	164	559
	Taw	-	-	15	22	17	6	14	89	194	-	-	-	0	357	1171
	Torridge	-	-	4	8	8	1	2	13	48	-	-	-	0	84	281
	Lyn	-	0	1	2	4	2	20	42	18	5	-	-	10	94	254
	Others	-	0	0	0	0	0	0	4	1	4	0	0	0	19	72
	Total	-	5	39	61	77	64	184	678	1053	254	0	0	244 (a)	2659	7981
Severn-Trent	Severn	-	12	24	20	38	24	21	21	42	10	-	-	1	213	958
Welsh	Wye	1	8	19	32	53	33	14	24	64	64	-	-	8	320	1507
	Usk	2	2	0	2	7	3	9	8	59	9	-	-	0	101	337
	Taff	-	-	0	0	2	0	0	1	4	3	-	-	0	10	35
	Ogmore	-	-	0	0	0	0	2	3	2	1	-	-	0	8	24
	Afan	-	-	0	0	0	0	0	1	1	0	-	-	0	2	5
	Neath	-	-	0	0	0	0	0	1	0	0	-	-	0	1	1
	Tawe	-	-	1	0	0	1	1	11	9	8	-	-	11	42	125
	Loughor	-	-	0	0	0	0	1	2	2	0	-	-	0	5	11
	Tywi	-	-	1	4	2	19	10	29	63	19	-	-	0	147	494
	Taf	-	-	1	0	0	1	0	3	7	5	-	-	0	17	59
	E+W.Cleddau	-	-	2	2	2	0	0	6	11	8	-	-	0	31	82
	Neurom	-	-	0	0	0	0	0	0	2	3	-	-	0	5	18
	Tefl	-	-	0	3	8	12	7	31	45	27	-	-	0	133	536
	Aeron	-	-	0	0	0	0	0	0	2	2	-	-	0	4	12
	Rheidol	-	-	0	0	0	0	0	0	2	0	-	-	0	2	8
	Dyfi	-	-	0	0	0	0	2	23	41	7	-	-	1	74	258
	Dysynni	-	-	0	0	0	2	0	5	3	1	-	-	0	11	29
	Mawddach	-	-	1	0	0	0	4	17	11	4	-	-	2	39	109
	Artro	-	-	0	2	2	0	0	0	1	0	-	-	0	5	13
	Dwyrdd	-	-	0	0	0	0	0	1	0	0	-	-	0	1	4
	Dwyfawr	-	-	0	0	0	0	0	2	6	6	-	-	0	14	44
	Llyfni	-	-	0	0	0	0	0	2	0	1	-	-	0	3	9
	Gwyrfai	-	-	0	0	0	0	0	0	1	0	-	-	0	1	3
	Seiont	-	-	0	0	0	0	1	0	5	1	-	-	0	7	20
	Ogwen	-	-	0	0	0	0	0	7	7	2	-	-	0	16	38
	Conwy	-	-	0	0	4	0	6	30	23	18	-	-	0	81	310
	Clwyd	-	-	0	0	3	3	1	2	5	3	-	-	0	17	58
	Dee	1	6	14	12	10	10	13	18	52	28	-	-	0	164	652
	Others	0	0	0	3	7	0	4	2	2	0	-	-	0	18	33
	Total	4	16	39	60	100	84	75	229	430	220	-	-	22	1279	4834
North West	Ribble	-	3	7	4	2	2	11	58	149	195	-	-	2	433	1687
	Calder	-	1	0	0	0	0	2	5	3	6	-	-	0	17	107
	Wyre	-	0	0	0	0	0	0	1	2	5	-	-	0	8	19
	Lune	-	3	3	1	2	4	5	109	351	377	-	-	5	860	3389
	Kent	-	0	6	1	9	3	16	90	150	133	-	-	0	408	1205
	Leven	-	0	0	0	1	1	8	15	52	26	-	-	15	118	360
	Duddon	-	0	0	0	0	0	1	3	8	11	-	-	2	25	78
	Esk	-	0	0	0	0	1	15	17	116	41	-	-	0	190	705
	Irt	-	0	0	0	0	3	5	15	22	29	-	-	1	75	215
	Ehen	-	0	0	0	1	0	2	54	59	75	-	-	0	191	598
	Derwent	-	1	8	0	1	1	15	125	228	188	-	-	3	570	2212
	Ellen	-	0	0	0	0	0	0	0	8	14	-	-	0	22	60
	Eden	-	38	35	35	56	27	74	214	618	272	-	-	9	1378	5471
	Esk (Border)	-	0	1	1	0	1	9	45	120	111	-	-	44	332	1425
	Others	-	0	0	0	0	0	2	4	17	21	-	-	0	44	129
	Total	-	46	60	42	72	43	165	755	1903	1504	-	-	81	4671	17660
England and Wales															10737	40159

Key: (a) Fish caught during November and December are reported under the unknown category due to a computer software error.

Notes: A dash is used to denote months that fall entirely within the annual close season.
 Principal rivers include all rivers supporting commercial fisheries or with mean annual rod catches in excess of 30 salmon or 100 sea trout, plus some smaller rivers selected by NRA regions. Catches from tributaries and from minor rivers with a shared estuary are included under the appropriate main river. The catch from remaining rivers in each region is aggregated and recorded under 'others'.

Table 9 Monthly reported rod catches of migratory trout by principal rivers - 1992 season.

NRA Region	River	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-Known	Total Number	Total Weight (kg)
Northumbria	Aln	-	-	-	2	1	0	2	3	22	18	-	-	2	50	86
	Coquet	-	-	-	4	12	11	18	11	55	146	-	-	3	260	625
	Tyne	-	-	-	6	7	15	29	157	299	331	-	-	6	850	1729
	Wear	-	-	-	6	16	38	65	82	142	112	-	-	5	466	777
	Others	-	-	-	0	1	0	0	1	4	1	-	-	0	7	10
	Total	-	-	-	18	37	64	114	254	522	608	-	-	16	1633	3227
Yorkshire	Esk	-	-	-	1	0	2	4	8	32	78	-	-	0	125	245
	Ouse	-	-	-	0	0	2	3	1	1	1	-	-	1	9	13
	Total	-	-	-	1	0	4	7	9	33	79	-	-	1	134	258
Southern	Test	-	-	-	-	0	0	4	4	5	5	-	-	0	18	32
	Itchen	-	-	-	2	0	1	1	20	25	4	-	-	0	53	33
	Others	-	-	-	-	1	6	16	10	5	22	-	-	0	60	123
	Total	-	-	-	2	1	7	21	34	35	31	-	-	0	131	188
Wessex	Avon	-	-	-	0	1	3	1	6	12	0	-	-	1	24	28
	Stour	-	-	-	0	0	0	0	0	0	0	-	-	1	1	1
	Piddle	-	-	-	0	0	0	0	0	0	0	-	-	0	0	0
	Frome	-	-	-	0	0	3	0	4	8	5	-	-	0	20	36
	Total	-	-	-	0	1	6	1	10	20	5	-	-	2	45	65
South West	Axe	-	-	-	0	0	3	6	8	16	3	-	-	0	36	28
	Otter	-	-	-	0	0	1	3	7	8	0	-	-	0	19	13
	Exe	-	-	-	0	2	0	2	1	6	-	-	-	1	12	16
	Teign	-	-	-	1	19	49	39	101	136	142	0	-	15	502	404
	Dart	-	-	-	3	20	24	18	109	112	57	-	-	1	344	309
	Avon	-	-	-	0	1	12	44	28	9	-	-	-	1	95	69
	Erme	-	-	-	1	1	1	5	49	17	-	-	-	0	75	59
	Yealm	-	-	-	0	0	0	55	21	7	-	-	-	0	83	58
	Plum	-	-	-	2	43	39	59	133	148	24	3	-	5	454	399
	Tavy	-	-	-	0	9	14	28	118	146	44	1	-	0	360	347
	Tamar	-	-	-	0	1	2	25	148	75	43	-	-	0	294	166
	Lynher	-	-	-	0	8	27	80	109	133	33	-	-	0	390	310
	Loose	-	-	-	0	0	12	20	0	0	-	-	-	0	32	19
	Fowey	-	-	-	9	16	70	367	364	139	5	-	-	0	970	656
	Camel	-	-	-	1	14	12	33	109	158	40	3	-	0	370	283
	Taw	-	-	-	2	3	28	27	92	78	91	-	-	1	322	340
	Tornidge	-	-	-	2	2	9	17	52	43	81	1	-	0	187	172
	Lyn	-	-	-	0	2	0	1	16	11	3	0	-	0	33	38
	Others	-	-	-	0	1	1	0	1	6	5	0	-	0	14	9
	Total	-	-	-	12	134	223	426	1490	1522	745	16	-	24	4592	3695
Welsh	Wye	-	-	-	0	1	1	0	1	0	0	-	-	0	3	4
	Usk	-	-	-	0	0	4	2	1	3	3	1	-	0	14	15
	Taff	-	-	-	0	0	15	6	1	0	13	5	-	0	40	18
	Rhymney	-	-	-	0	1	4	3	2	2	7	0	-	0	19	12
	Ogmore	-	-	-	0	0	1	18	28	40	19	20	-	44	170	141
	Afan	-	-	-	0	0	0	4	6	19	20	1	-	0	50	61
	Neath	-	-	-	0	1	5	7	8	15	7	6	-	0	49	61
	Tawe	-	-	-	0	0	4	21	31	35	31	10	-	0	132	144
	Loughor	-	-	-	0	0	3	1	44	18	4	-	-	0	70	81
	Gwendraeth	-	-	-	0	1	2	9	60	32	16	4	-	0	124	93
	Tywi	-	-	-	7	25	55	192	377	440	132	36	-	115	1379	1507
	Taf	-	-	-	0	0	3	7	6	20	7	2	-	0	45	48
	E-W Cleddau	-	-	-	4	3	1	15	46	44	24	2	-	0	139	83
	Nevern	-	-	-	0	0	0	12	22	26	2	0	-	47	109	32
	Terri	-	-	-	1	4	11	173	220	136	86	36	-	4	671	449
	Aeron	-	-	-	0	0	2	71	160	119	10	5	-	0	367	201
	Ystwyth	-	-	-	1	0	0	0	0	1	1	1	-	0	3	3
	Rheidol	-	-	-	0	0	0	0	1	11	5	0	-	0	17	16
	Dyfi	-	-	-	0	0	5	77	95	176	32	8	-	20	413	487
	Dysynni	-	-	-	0	3	13	29	29	40	19	10	-	0	143	114
	Mawddach	-	-	-	0	0	3	23	18	52	13	25	-	0	134	142
	Airio	-	-	-	0	0	0	1	11	7	9	0	-	0	28	16
	Dwyrdd	-	-	-	0	3	7	8	14	5	4	2	-	0	43	30
	Glaslyn	-	-	-	6	23	11	4	8	16	31	7	-	0	106	88
	Dwyfawr	-	-	-	0	0	0	1	12	20	24	3	-	0	60	47
	Llynl	-	-	-	0	0	0	0	0	5	3	1	-	0	9	6
	Gwyrfa	-	-	-	0	0	0	0	0	2	0	0	-	0	2	1
	Selont	-	-	-	0	0	1	0	1	4	3	0	-	0	9	6
	Ogwen	-	-	-	0	0	1	0	0	2	2	0	-	0	5	6
	Conwy	-	-	-	0	1	0	8	21	16	11	0	-	0	57	58
	Chwyd	-	-	-	0	0	5	6	15	40	19	4	-	0	89	85
	Dee	-	-	-	1	1	0	24	5	25	7	4	-	0	67	38
	Others	-	-	-	14	16	0	0	9	5	12	5	-	7	68	147
	Total	-	-	-	34	83	157	722	1252	1375	576	198	-	237	4634	4237
North West	Ribble	-	-	-	-	7	33	104	156	126	26	-	-	9	461	532
	Calder	-	-	-	-	0	0	0	3	1	3	-	-	0	7	15
	Wyre	-	-	-	-	3	1	0	5	10	1	-	-	0	20	19
	Lune	-	-	-	-	34	100	280	383	185	40	-	-	17	1039	1053
	Kent	-	-	-	-	5	24	77	112	73	13	-	-	1	305	298
	Leven	-	-	-	-	2	4	16	15	17	2	-	-	3	59	53
	Duddon	-	-	-	-	0	0	7	13	9	1	-	-	1	31	20
	Esk	-	-	-	-	3	58	58	55	25	0	-	-	0	199	205
	Irt	-	-	-	-	0	0	4	5	8	13	-	-	0	30	22
	Ehen	-	-	-	-	1	0	17	36	26	10	-	-	0	90	96
	Derwent	-	-	-	-	3	6	16	13	7	5	-	-	0	50	48
	Ellen	-	-	-	-	0	2	2	0	11	29	-	-	0	44	36
	Eden	-	-	-	-	51	141	127	75	34	15	-	-	4	447	491
	Esk (Border)	-	-	-	-	45	109	154	181	51	4	-	-	0	544	445
	Others	-	-	-	-	1	1	10	25	22	2	-	-	0	61	34
	Total	-	-	-	-	155	479	872	1077	605	164	-	-	35	3387	3367
England and Wales															14547	15024

Notes:

A dash is used to denote months that fall entirely within the annual close season.

'Principal rivers' include all rivers supporting commercial fisheries or with mean annual rod catches in excess of 30 salmon or 100 sea trout, plus some smaller rivers selected by NRA regions. Catches from tributaries and from minor rivers with a shared estuary are included under the appropriate main river. The catch from remaining rivers in each region is aggregated and recorded under 'others'.

Table 10 Monthly reported rod catches of salmon and grilse by principal rivers - 1992 season.
Adjusted figures which include owners' returns, log book returns etc.

NRA Region	River		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-known	Total Number	Total Weight (kg)
Northumbria	Total	(a)	-	52	57	77	92	43	40	152	426	817	-	-	7	1763	8147
Yorkshire	Total	(a)	-	-	1	0	0	0	0	2	6	36	-	-	0	45	172
Thames	Thames	(b)	-	-	-	0	0	0	0	3	5	2	-	-	0	10	28
Southern	Total	(c)	0	0	0	0	0	9	82	46	64	5	-	-	54	260	602
Wessex	Avon	(d)	-	4	5	6	19	28	29	18	12	-	-	-	0	121	575
	Piddle	(d)	-	-	0	0	0	0	3	0	3	-	-	-	0	6	17
	Frome	(d)	-	-	0	3	7	17	14	15	36	-	-	-	0	92	384
	Stour	(a)	-	1	0	0	0	0	0	0	0	-	-	-	0	1	9
	Total		-	5	5	9	26	45	46	33	51	-	-	-	0	220	985
South West	Exe	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	1068	2849 (e)
	Tamar	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	614	1852 (e)
	Taw	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	582	1909 (e)
	Other rivers	(a)	-	2	14	18	29	22	64	253	356	181	0	0	241	1180	4862
	Total		-	-	-	-	-	-	-	-	-	-	-	-	-	3444	11472
Severn-Trent	Severn	(f)	-	12	24	39	48	37	40	26	48	12	-	-	1	287	1309
Welsh	Wye	(b)	5	31	55	225	304	148	113	181	393	412	-	-	0	1867	8725
	Usk	(b)	-	2	3	14	18	9	24	55	164	24	-	-	0	313	1026
	Tawe	(g)	-	-	0	0	0	1	6	37	53	7	-	-	0	104	309
	Dyfi	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	243	847 (e)
	Dee	(g)	0	3	5	16	11	8	11	21	123	52	-	-	0	250	994 (e)
	Other rivers	(a)	0	0	4	14	30	37	32	128	194	100	-	-	0	539	1846
	Total		-	-	-	-	-	-	-	-	-	-	-	-	-	3316	13747
			-	-	-	-	-	-	-	-	-	-	-	-	-		
North West	Lune	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	1159	4567 (e)
	Wyre	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	12	28 (e)
	Other rivers	(a)	-	25	57	41	70	39	160	645	1550	1122	-	-	94	3803	14252
	Total		-	-	-	-	-	-	-	-	-	-	-	-	-	4974	18847
England and Wales																14319	55309
Key: (a) Data from individual rod licence returns taken from Table 8, ie rod licence return data only. (b) Data from fishery owners' returns, not individual catch returns. (c) Data from fishery owners' returns, not individual catch returns: all from the Test & Itchen. (d) Data from fishery owners' returns and general licence returns. (e) Weight estimated from individual rod catch returns - average weight for the river. (f) Data from reminders sent to known salmon anglers. (g) Data from log book scheme																	

Table 11 Monthly reported rod catches of migratory trout by principal rivers - 1992 season.
Adjusted figures which include owners' returns, log book returns etc.

NRA Region	River		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-known	Total Number	Total Weight (kg)
Northumbria	Total	(a)	-	-	-	18	37	64	114	254	522	608	-	-	16	1633	3227
Yorkshire	Total	(a)	-	-	-	1	0	4	7	9	33	79	-	-	1	134	258
Thames	Thames	(a)	-	1	0	0	0	1	1	2	0	0	-	-	0	5	
Southern	Total	(c)	-	-	-	0	2	5	30	31	60	37	-	-	23	188	273
Wessex	Avon	(d)	-	-	-	-	-	-	-	-	-	-	-	-	-	80	145
	Stour	(d)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
	Piddle	(d)	-	-	-	-	-	-	-	-	-	-	-	-	-	4	15
	Frome	(d)	-	-	-	-	-	-	-	-	-	-	-	-	-	30	54
	Others	(d)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
	Total		-	-	-	-	-	-	-	-	-	-	-	-	-	116	216
South West	Tamar	(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	347	196 (e)
	Other rivers	(a)	-	2	12	133	221	401	1342	1447	702	16	-	-	22	4298	3529
	Total		-	-	-	-	-	-	-	-	-	-	-	-	-	4645	3725
Welsh	Total	(a)	-	-	34	83	157	722	1252	1375	576	198	-	-	237	4634	4237
North West	Total	(a)	-	-	-	-	155	479	872	1077	605	164	-	-	35	3387	3367
England and Wales																14742	15303
Key: (a) Data from individual rod licence returns taken from Table 9. (b) Data from fishery owners' returns, not individual catch returns. (c) Data from fishery owners' returns, not individual catch returns: all from the Test & Itchen. (d) Data from fishery owners' returns and general licence returns. (e) Weight estimated from individual rod catch returns - average weight for the river.																	

Table 12 Estimated proportions of salmon and grilse in declared net and rod catches by region - 1992 season.

NRA Region	Net Catch					Rod Catch				
	No. Grilse	% by No. (% by wt)	No. Salmon	% by No. (% by wt)	Total	No. Grilse	% by No. (% by wt)	No. Salmon	% by No. (% by wt)	Total
Northumbria (c)					18567					1763
Yorkshire (c)					1577					45
Southern (c)					6					260
Wessex (c)					188					220
South West (c)					5333					3444
Severn-Trent (d)	804	38 (23)	1313	62 (77)	2117	100	35 (28)	187	75 (72)	287
Welsh (a)	2458	84 (76)	468	16 (24)	2927	2454	74 (60)	862	26 (40)	3316
North West (b)	2298	74 (58)	825	26 (42)	3123	3313	71 (54)	1358	29 (46)	4671

Key: Full details of the methods of calculating age composition were given in the 1987 catch statistics report (Russell, J.C. and Buckley, A., 1989.)
(a) Catch data stratified. Age composition estimated from age/weight key.
(b) Catch data not stratified. Age composition derived from the mean weights of salmon and grilse in scale samples.
(c) Insufficient scale sampling undertaken in these regions to enable reliable estimation of relative proportions of salmon and grilse.
(d) Data provided by NRA Severn-Trent region and relate to R. Severn only.

Note: Data have not been included for the Anglian and Thames regions where catches are low.

Table 13 Catches of eels and freshwater fish taken in inland waters for human consumption - 1992 season. (As compiled for EIFAC).

NRA Region	Nominal commercial catch (tonnes) (a)					Nominal rod catch (tonnes) (b)					
	Eel	Elvers	Char	Shad	Zander	Brown Trout	Rainbow Trout	Eel	Shad	Pike	Zander
Northumbria	-	-	-	-	-	-	-	-	-	-	-
Yorkshire	0.80	-	-	-	-	-	-	-	-	-	-
Anglian	10.00	-	-	-	-	20.00	100.00	-	-	-	-
Thames	4.08	-	-	-	-	-	-	-	-	-	-
Southern	-	-	-	-	-	48.64	88.36	-	-	-	-
Wessex	11.11	-	-	-	-	-	-	-	-	-	-
South West	0.19	0.16	-	-	-	-	-	-	-	-	-
Severn-Trent	7.50	3.87	-	0.50	3.00	40.00	200.00	2.00	0.75	0.10	0.10
Welsh	1.55	0.71	-	-	-	-	-	-	-	-	-
North West	0.40	0.30	2.72	-	-	-	-	-	-	-	-
Total	35.63	5.04	2.72	0.50	3.00	108.64	388.36	2.00	0.75	0.10	0.10

Key: (a) The eel catch data are based on incomplete returns received by 5 NRA Regions (Yorkshire, Thames, South West, Welsh, and North West) and estimates for the other areas. Commercial catches of all other species have been estimated.
(b) Nominal rod catches have been derived from estimates or catch returns, which in some cases may be incomplete. The regional data for brown and rainbow trout include statistics from put-and-take fisheries which will be more accurate.

Notes: The absence of data in any category is not indicative of a zero catch.
The above data are collated annually for inclusion in the European Inland Fisheries Advisory Commission National report of member countries (EIFAC, in press) and represent the best available data for England and Wales. However it is stressed that there are few statutory requirements for the collection of catch data for these species and extreme caution should be exercised in their use.

Table 14 Nominal catches of salmon in high-seas interception fisheries (tonnes round fresh weight), 1981-1992.

Year	Northern Norwegian Sea long-line fishery (north of Lat 67 deg N)	Faroe Area long-line fishery		West Greenland drift net fishery	
	Catch (a)	Catch (b)	Quota	Catch	Quota
1981	213	1125	725 (c)	1264	1265
1982	622	680	625 (c)	1077	1253
1983	404	740	625 (c)	310	1190
1984	29	700	625 (c,d)	297	870 (d)
1985	0	566	550 (c)	864 (e)	852
1986	0	530	550 (c)	960 (e)	909 (d)
1987	0	576	1790 (d,f)	966	935 (d)
1988	0	243		893	2520 (d)
1989	0	364		337	
1990	0	315	1100 (d,f)	274	
1991	0	95 (g)		472	840
1992	0	23 (h)		237	- (i)

Key:

(a) Catches in the N.Norwegian Sea fishery were made predominantly by Danish vessels, however Faroese vessels contributed substantially (259 tonnes) to the catch in 1982, and Finnish and Faroese vessels made smaller contributions in other years.

(b) Catches in the Faroes fishery are currently made by Faroese vessels, however a relatively small contribution was also made by Danish vessels in the period 1981-84.

(c) Quotas apply to fishing season (autumn-spring) beginning in the year stated. Catch is for calendar year.

(d) Quotas negotiated by NASCO.

(e) An additional 6-19 tonnes were also caught on the E.Greenland coast.

(f) Quotas apply to calendar years.

(g) Fishermen compensated not to fish after March 1991.

(h) Research fishery, preliminary figures.

(i) No TAC was set in 1992 for the West Greenland drift net fishery.

Note: All data converted from gutted weights using appropriate factors.

Acknowledgement: The data presented in this table were extracted from reports of the ICES Working Group on North Atlantic Salmon (see for example, Anon., 1992), and are cited by kind permission of ICES.

Table 15 Nominal catches of salmon and grilse in home-water fisheries (tonnes round fresh weight), 1981-1992.

Year	Canada (a)	England and Wales (b)	Finland	France	Iceland	Ireland (c)	Northern Ireland (c,d)	Norway	Russia	Scotland	Sweden (West coast)	USA	Total
1981	2437	493	44	20	163	685	101	1656	463	1233	26	6.0	7327
1982	1798	286	54	20	147	993	132	1348	364	1092	25	6.4	6265
1983	1424	429	57	16	198	1656	187	1550	507	1221	28	1.3	7274
1984	1112	345	44	25	159	829	78	1623	593	1013	40	2.2	5863
1985	1133	361	49	22	217	1595	98	1561	659	913	45	2.1	6655
1986	1559	430	38	28	310	1730	109	1598	608	1271	54	1.9	7737
1987	1784	302	49	27	222	1239	56	1385	564	922	47	1.2	6598
1988	1311	395	34	32	396	1874	114	1076	419	882	40	0.9	6573
1989	1139	296	52	14	278	1079	142	905	359	895	29	1.7	5190
1990	911	338	59	15	426	586	94	930	315	624	33	2.4	4333
1991	711	200	69	13	505	404	55	876	215	462	38	0.8	3549
1992(e)	470	183	78	20	590	630	151	850	161	525	49	0.7	3708

Key:

(a) Includes estimates of some local sales and by-catch.

(b) Figures for England and Wales for 1981-82 must be considered as provisional pending the publication by MAFF of validated historic catch data.

(c) Catch on River Foyte allocated 50% Ireland and 50% N.Ireland.

(d) Not including angling catch (mainly grilse).

(e) Provisional figures, with the exception of those for Scotland (Scottish Office, 1993.) and England & Wales.

Acknowledgement: The data presented in this table were extracted from the 1993 report of the ICES Working Group on North Atlantic Salmon (Anon., 1993), and are cited by kind permission of ICES.

ERRATUM: RUSSIAN CATCH DATA HAVE RECENTLY BEEN AMMENDED. DATA INCLUDED IN REPORTS PRIOR TO 1989 WERE INCORRECT.

Table 16 Summary of regional salmon and grilse net catches, 1987-92.

NRA Region	Numbers of fish							% Change	
	1987	1988	1989	1990	1991	5-Year Mean (1987-91)	1992	'92 on '91	'92 on 5-yr mean
Northumbria	33064	44679	35169	43048	22525	35697	18567	-18	-48
Yorkshire	3079	6170	6284	8482	2904	5384	1577	-46	-71
Anglian	-	-	4	9	34	16	11	-68	-
Southern	505	477	83	43	25	227	6	-76	-97
Wessex	702	736	593	400	167	520	188	+13	-64
South West	13828	11063	10091	5492	2730	8641	5333	+95	-38
Severn-Trent	2963	3511	4364	4397	1747	3396	2117	+21	-38
Welsh	4535	5010	5058	4377	3044	4405	2927	-4	-34
North West	5052	5671	7294	5579	4499	5619	3123	-31	-44
Total	63728	77317	68940	71827	37675	63897	33849	-10	-47

Table 17 Summary of regional migratory trout net catches, 1987-92.

NRA Region	Numbers of fish							% Change	
	1987	1988	1989	1990	1991	5-Year Mean (1987-91)	1992	'92 on '91	'92 on 5-yr mean
Northumbria	30345	32711	48626	28560	24869	33022	23073	-7	-30
Yorkshire	18994	21574	22743	15857	15784	18990	8996	-43	-53
Anglian	-	-	3815	2313	2293	2807	2967	+29	-
Southern	327	232	170	50	63	168	136	+116	-19
Wessex	410	505	365	484	312	415	246	-21	-41
South West	8570	4364	3591	2071	1950	4109	1647	-16	-60
Welsh	4878	6542	6400	3588	2705	4823	1647	-39	-66
North West	6032	7207	5737	3271	2927	5035	3191	+9	-37
Total	69556	73135	91447	56194	50903	68247	41903	-18	-39

Table 18 Summary of regional salmon and grilse rod catches, 1987-92.

NRA Region	Numbers of fish							% Change	
	1987	1988	1989	1990	1991	5-Year Mean (1987-91)	1992 (a)	'92 on '91	'92 on 5-yr mean
Northumbria	2269	2152	1184	1452	1264	1664	1763	+39	+6
Yorkshire	70	49	11	14	11	31	45	+309	+45
Thames	5	12	8	9	1	7	10	+900	+43
Southern	840	1052	862	485	244	697	260	+7	-63
Wessex	924	1146	697	517	247	706	220	-11	-69
South West	2691	4579	1868	1717	1255	2422	3444	+174	+42
Severn-Trent	929	1362	658	357	324	726	287	-11	-60
Welsh	8202	15989	5454	5370	4522	7907	3316	-27	-58
North West	3781	6505	3986	4928	6106	5061	4974	-19	-2
Total	19711	32846	14728	14849	13974	19222	14319	+2	-26
Key: (a) 1992 data taken from Table 10									

Table 19 Summary of regional migratory trout rod catches, 1987-92.

NRA Region	Numbers of fish							% Change	
	1987	1988	1989	1990	1991	5-Year Mean (1987-91)	1992 (a)	'92 on '91	'92 on 5-yr mean
Northumbria	2237	2778	1640	1543	1211	1882	1633	+35	-13
Yorkshire	299	279	97	162	103	188	134	+30	-29
Thames	4	0	5	0	0	2	5	-	-
Southern (b)	56	1073	437	100	300	393	188	-37	-52
Wessex	1447	837	402	101	144	586	116	-19	-80
South West	10898	7755	3653	2596	4003	5781	4645	+16	-20
Welsh	35727	30681	13203	10030	11565	20241	4634	-60	-77
North West	5195	6215	3481	2499	4625	4403	3387	-27	-23
Total	55863	49618	22918	17031	21951	33476	14742	-33	-56
Key: (a) 1992 data taken from Table 11 (b) Migratory trout returns are unreliable in the NRA Southern region. In addition data for 1988 are believed to include significant numbers of under-sized fish which were returned to the water.									

Table 20 Salmon stocking - numbers of eggs, fry, parr and smolts released - 1992 season.

NRA Region	River	Tributary	Ova	Unfed Fry	Fed Fry	0+ Parr	1+ Parr	Smolts
Northumbria	Coquet		-	-	-	-	5685	-
	Tyne	Main R.	-	-	-	-	6157	-
		N.Tyne	-	-	-	170000	30067	-
		S.Tyne	-	-	-	30000	20654	-
		Rede	-	-	-	50000	21499	-
	Wear		-	-	-	-	10050	-
	Tees		-	-	-	220000	30312	-
	Total		-	-	-	470000	124424	-
	Value (£)		-	-	-	£94,000	£37,327	-
Yorkshire	Esk	Main R.	-	20000	-	-	60000	-
		Stonegate Beck	-	30000	-	-	-	-
	Total		-	50000	-	-	60000	-
	Value (£)		-	£3,500	-	-	£15,000	-
Thames	Thames	Main R.	-	-	-	-	-	72815
		Wey (south)	-	-	-	-	24029	-
		Wey (north)	-	-	-	-	7500	-
		Pang	-	-	-	-	7300	-
		Loddon	-	-	-	-	13000	-
		Kennet	-	-	12265	-	34100	-
		Lambourne	-	-	-	-	20837	-
		Enborne	-	-	-	-	4600	-
		Chess	-	-	-	-	15747	-
		Odney Stream	-	-	-	-	500	-
	Total		-	-	12265	-	127613	72815
	Value (£)		-	-	£613	-	£25,523	£87,378
Southern	Test		-	-	-	618550	15000	-
	Itchen		-	-	-	24000	13000	-
	Total		-	-	-	642550	28000	-
	Value (£)		-	-	-	£20,000	-	-
South West	Lyd	Wolf	-	-	21000	720	6220	-
		Lew	-	-	200	-	-	-
	Torridge		-	-	637	-	-	-
	Fal		-	-	5000	-	-	-
	Axe		-	-	-	-	2000	-
	Exe		-	-	-	-	1500	-
	Total		-	-	26837	720	9720	-
	Value (£)		-	-	£5,000	£72	£9,700	-
Severn-Trent	Severn	Camlad	-	-	10000	-	-	-
		Afon Eirth	-	-	10000	-	-	-
		Mule	-	-	10000	-	-	-
		Pentrefelin Brook	-	-	5000	-	-	-
		Afon Hore	-	-	1000	-	-	-
	Total		-	-	36000	-	-	-
	Value (£)		-	-	£4,320	-	-	-
Welsh	Tawe		-	-	-	-	-	12000
	Usk		-	-	-	-	-	9750
	Dyfi		-	-	13000	-	-	-
	Taff		-	40000	-	-	-	11000
	Ewenny		-	-	-	-	-	4000
	Conwy		-	81400	81000	-	-	-
	Dee		-	-	-	-	-	21300
	Dysynni		-	-	-	-	-	4500
	Ogmore		-	-	-	-	-	29600
	Loughor		-	-	-	-	-	4000
	Mawddach		-	-	22500	20600	9600	7000
	Tywi		-	-	-	-	-	3800
	E.Cledau		-	-	-	-	-	3200
	Rhymney		-	-	-	-	11600	-
	Neath		-	-	-	-	10000	-
	Clyweddog		-	-	2500	-	-	-
	Total		-	121400	119000	20600	31200	110150
	Value (£)		-	£12,140	£23,800	£8,240	£20,280	£110,150
North West	Ribble	Main R.	-	-	49236	28520	10000	-
		Hodder	-	-	58527	30873	-	-
	Lune	Main R.	220000	-	897539	-	8000	-
		Hindburn	-	-	30000	-	-	-
		Wenning	-	-	20000	-	-	-
		Rawlthay	-	-	-	2000	-	-
	Derwent	Various	-	-	218000	-	-	-
	Eden	Various	-	-	363000	-	-	-
	Total		220000	-	1636302	69393	10000	-
	Value (£)		£10,186	-	£364,240	£33,301	£6,677	-
England and Wales	Total		220000	171400	1830404	1203263	390957	182965
Notes: Values specified are estimated figures. 1+ Parr are those stocked out on or after 1st January in the year after they hatched.								

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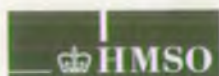
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