



Irish Angling Catch **Statistics 2004**



Central Fisheries Board
An Príomh-Bhord Iascaigh

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THE CENTRAL AND REGIONAL FISHERIES BOARDS

The Central Fisheries Board (CFB) is a statutory body operating under the aegis of the Department of Communications, Marine and Natural Resources and was established under the Fisheries Act, 1980.

The principal functions of the CFB are to advise the Minister of State at the Department of Communications, Marine and Natural Resources on policy relating to the conservation, protection, management, development and improvement of inland fisheries and sea angling, to support, coordinate and provide specialist support services to the Regional Fisheries Boards and to advise the Minister on the performance by the Regional Fisheries Boards of their functions.

The CFB also has responsibilities in the following areas:

- Preparation of National Inland Fisheries Development Plans
- Administration of funding programmes, both National and EU
- The promotion and marketing of angling
- The management of its fish rearing operations

There are seven Regional Fisheries Boards. These statutory bodies are responsible for maintaining and improving environmental quality and developing and protecting the fisheries resource in their region. The Regions are drawn up on a catchment basis. Each Fisheries Region is divided up into one or more Fishery districts, of which there are 17 in total. Commercial salmon fishermen are licensed to fish a particular fishery district. Angling licences are valid to fish all regions or a particular fishery district, depending on the type of licence purchased.

INTRODUCTION

The Wild Salmon and Sea Trout Tagging Scheme commenced for both commercial and recreational salmon fishing licence holders on 1st January 2001, having been provided for in the Fisheries (Amendment) Act, 1999 (Number 35 of 1999).

2002 saw the introduction of Total Allowable Catches (TAC) for the commercial salmon fishing sector and bag limits for anglers. Following the report of the Standing Scientific Committee, the National Salmon Commission advise the Minister on target catch levels. Following consultation with the Central and Regional Fisheries Boards, the Minister sets the TAC for each of the 17 fishery districts.

The principal aims of these schemes are to provide a means of collecting accurate nominal catch statistics and estimates of salmon and sea trout stock exploitation, to develop best management strategies and to ensure these species are exploited in a manner consistent with their long-term sustainability on a national, regional, fishery district and river basis.

All fishermen must affix a coded tag to each salmon (or sea trout over 40 cm) they catch and retain. A logbook entry must then be made giving the details of the fish caught. All logbooks and unused tags must be returned to the regional boards within a period of 7 days after the last day of the relevant fishing season, or after the licence has been in force, as set out in the Wild Salmon and Sea Trout Tagging Scheme regulations (S.I. No. 136 of 2004).

The data contained in this report is taken from salmon licences and logbook data supplied by anglers. This data is entered by the Regional Fisheries Boards staff into databases and following this the validation, collation and analysis of the data is performed at the Central Fisheries Board and the final statistics report is produced.

CONSERVATION OF SALMON AND SEA TROUT BYE-LAW NO. 797, 2004

2004 saw the introduction of the Conservation of Salmon and Sea Trout Bye-Law No. 797, 2004. In this Bye-law, "salmon" means a fish of the species *Salmo Salar* (Atlantic salmon) and "sea trout" means a fish of the migratory form of *Salmo trutta*, other than a sea trout which is 40 centimetres or less in length measured in a straight line from the tip of the snout to the fork of the tail.

The bye-law states that a person shall not take by rod and line more than 20 fish (being either salmon or sea trout or any combination of both fish) in any year. Bye-law No. 797 of 2004 also provides for a bag limit of 1 salmon (or 1 sea trout over 40 cm) per angler per day from 1 January to 31 May, a bag limit of 3 fish (salmon or sea trout over 40 cm) per angler per day from 1st June to the 31st of August inclusive, and a bag limit of 1 salmon (or sea trout over 40 cm) during the period from 1st September 2004 until 31st December 2004.

LEGISLATION

Fisheries (Amendment) Act, 1999 – Number 35 of 1999

Salmon and Sea Trout Caught by Rod and Line (Prohibition on Sale) Order, 2001 – S.I. No. 53 of 2001

Wild Salmon and Sea Trout Tagging Scheme Regulations 2004 – S.I. No. 136 of 2004

Conservation of Salmon and Sea Trout Bye-law No. 797 of 2004

REFERENCES

Central Fisheries Board (2004) 2001-2003 Wild Salmon and Sea Trout Tagging Scheme Fisheries Statistics Report. (<http://www.cfb.ie/pdf/sal03.pdf>)

Central Fisheries Board (2005) 2003-2004 Wild Salmon and Sea Trout Tagging Scheme Fisheries Statistics Report. (<http://www.cfb.ie/pdf/salmon05.pdf>)

Small, I. (1991) Exploring data provided by angling for salmonids in the British Isles. In: *Catch Effort Sampling Strategies - their application in Freshwater Fisheries Management*. I.G. Cowx (Ed.), Blackwell Scientific Publications Ltd.



CHAIRMAN'S STATEMENT

It gives me great pleasure to present the 2004 Wild Salmon Angling Statistics Report. This is the fourth year of the tagging scheme and the third year of bag limits for anglers. The 2004 statistics show that the total number of salmon caught was 26,202 - an increase of 25% on the 2003 season. Almost a third of the national angling catch was taken on the Moy River system. Catch and release figures show that 9% of all salmon caught were released. A total of 30,807 salmon rod licences were sold in 2004, representing anglers from 39 different countries. 57% of anglers are from the Republic of Ireland, 15% from Northern Ireland and 14% from the UK.



The implementation of these initiatives throughout the country has been an outstanding success. The use of tags and the operation of a quota system is now well established in Ireland. This report will supply valuable information to fisheries managers, scientists, policy advisors and policy makers, including the Marine Minister, and help in designing and implementing successful policies and strategies for the conservation of salmon and sea trout stocks in Ireland. In addition, the angling statistics are vital from a marketing perspective as they can provide an accurate insight into annual angling trends, helping to form the basis of marketing strategies and developing new angling initiatives.

I would like to commend the management and staff of the Central Fisheries Board, the Regional Fisheries Boards, the Standing Scientific Committee of the National Salmon Commission and all stakeholders in the sector for their tremendous dedicated work in making this scheme a success. I would also like to acknowledge those anglers who returned their logbooks to the Regional Fisheries Boards.

David Mackey
Chairman
Central Fisheries Board

October 2005

TOTAL SALMON CATCH 2001 – 2004

Year	Drift	Draft	Other	Angling	Total	% change on previous year
2001	197,172	30,861	5,368	26,074	259,475	
2002	179,177	23,032	4,690	29,408	236,307	– 8.9 %
2003	141,222	21,100	4,552	20,888	187,762	– 20.5 %
2004	120,303	19,443	3,860	26,202	169,808	– 9.6 %

In 2001, the total catch of salmon by all engines was 259,475. By 2004, this had fallen to 169,808. This represents a decrease of 34.6% between 2001 and 2004.

When the 2004 angling figures are taken into account, drift nets accounted for 70.85% of the total salmon catch, draft nets took 11.45%, angling accounts for 15.43% of the catch with the remaining 2.27% was taken by other engines (Table 7).

17.4% of the 2004 commercial and angling catch was taken in the Ballina district, 15.2% in the Kerry district and 13.8% in the Cork district (Table 7).

ANGLING SALMON CATCH 2001 – 2004

The total reported number of salmon caught by rod and line in 2004 was 21,192. This was estimated as 26,202 to account for those fish which were caught and for which no logbook was returned (Small, 1991). This represents an increase of 25% on the 2003 salmon angling catch.

Year	Salmon Tagged	% change on previous year
2001	26,074	
2002	29,408	+ 12.8 %
2003	20,888	– 29.0 %
2004	26,202	+ 25.4 %

ANGLING SEA TROUT (OVER 40 CM) CATCH 2001 – 2004

The total number of sea trout (over 40cm) that were tagged in 2004 was 432. This was estimated as 519 to account for those fish which were caught and for which no logbook was returned (Small, 1991). This represents a 48% decrease on the 2003 angling catch for sea trout (over 40 cm).

Year	Sea Trout Tagged	% change on previous year
2001	1066	
2002	1464	+ 37.3 %
2003	997	– 31.9 %
2004	519	– 47.9 %



ANGLING SALMON AND SEA TROUT (OVER 40 CM) CATCH 2001 – 2004

Year	Angling Catch Salmon & Sea Trout	% change on previous year
2001	27,140	
2002	30,872	+ 14%
2003	21,885	- 29%
2004	26,721	+ 22%

ANGLING LICENCES SOLD & LOGBOOKS RETURNED 2001 – 2004

30,807 salmon rod licences were sold in 2004, a drop of 3% on 2003 licence sales.

Anglers returned 17,955 logbooks to the regional boards in 2004, with a national return rate of 58%, up 1% on 2003 logbook returns.

Year	Licences Sold	Logbooks Returned	% Return
2001	32,814	14,238	43 %
2002	35,024	18,088	52 %
2003	31,809	18,088	57 %
2004	30,807	17,955	58 %

SALMON ANGLING CATCH 2004

Almost a third of all salmon (32.3%) were taken in the Ballina district (Table 4).

31% of the national catch of salmon by rod and line in 2004 was taken on the Moy river system which had a reported catch of 6006 salmon. This was estimated as 8120 salmon to account for those fish which were caught and for which no logbook was returned.

Salmon were caught and tagged on 110 rivers and locations in 2004.

The top five salmon producing rivers made up over half (53.7%) of the national catch by rod and line in 2004 (see Table 9). The top twenty salmon producing rivers together accounted for 83% of the national rod catch in 2004.

SEA TROUT (OVER 40 CM) ANGLING CATCH 2004

32% of sea trout caught by rod and line were taken in the Kerry district.

The Cumberagh system had a reported catch of 113 sea trout. This was estimated as 129 sea trout to account for those fish which were caught and for which no logbook was returned. This accounts for 24.8% of the national total sea trout catch by rod and line in 2004.



CATCH PER ANGLER

An analysis of the distribution of the caught and retained salmon catch indicated that 6006 anglers tagged salmon in 2004. This is based on those anglers who returned logbooks only. Of those anglers who returned logbooks, the highest catch by an individual angler was recorded in the North Western region. An Irish angler on an annual A licence caught 64 salmon in total, 15 of which were retained and 49 released. All were caught on the Moy River system. The next most successful salmon angler was also Irish and held a B district licence. The total recorded catch was 51 salmon, 7 of which were retained and 44 released and all were caught on the Moy.

CATCH AND RELEASE ESTIMATES

Based on logbook returns to the regional boards, catch and release estimates were compiled for 2004 (Tables 11 & 12). A total of 2091 salmon are recorded as having been released across all regions (catch and release estimates are not available for the Eastern region) giving a national average of 9% in 2004. Catch and release figures between fishery districts vary from 4.8% in the Galway district to 30.8% in the Connemara district (Table 12).

ANGLER NATIONALITY – LICENCE SALES AND ANGLING CATCH

Angling licence sales and the reported salmon catch from logbook returns were analysed in terms of angler nationality (Figs. 3, 5, 6 & 9).

Anglers from 39 different countries held salmon and sea trout rod licences in 2004 (Table 13).

57% of anglers were from the Republic of Ireland, 15% from Northern Ireland, 14% from the UK, 3.6% from France, 2.5% from Germany and 2.1% from the USA.

71% of the reported salmon catch are recorded in logbooks returned by Irish anglers. Anglers from Northern Ireland account for 9% of the angling catch while the remaining 20% of the reported salmon catch relates to logbook returns from all other nationalities (Fig. 3b).

LICENCE TYPE – LICENCE SALES AND ANGLING CATCH

Angling licence sales and the reported salmon catch from logbook returns were analysed in terms of licence type (Figs. 4, 7, 8 & 9).

18.5% of all licence sales are Annual A licences. Logbook returns from this category of licence holder indicate that A licences account for 36.4% of the reported salmon catch. 37.5% of licences sales to anglers are Annual District B licences, accounting for 43.7% of the salmon catch. 24.6% of licences sold are 21 day R licences which account for 15.9% of the reported salmon catch. 6% of licence sales are to Juvenile P licence holders, who catch 2.9% of the reported salmon catch.

1 day S licences are purchased by 12.7% of anglers but this category of licence holder accounts for only 0.9% of the reported catch (Fig. 4b).

CATCH BY MONTH & CAPTURE METHOD

Figs. 10 to 14 show the reported salmon catch by month and the capture method for the top five salmon producing rivers in 2004, namely the Moy, the Munster Blackwater, the Ballysadare, the Feale and the Suir Rivers.



LICENCE SALES AND LOGBOOK RETURNS 2004

Region	Licences Sold	Logbook Returns	% Returns
Eastern	3045	1996	65.6
Southern	3645	2353	64.6
South Western	4736	3181	67.2
Shannon	1999	1655	82.8
Western	3075	2117	68.8
North Western	8956	3929	43.9
Northern	5351	2724	50.9
National	30,807	17,955	58.3

Table 1. Total number of rod licences sold in 2004 and the number and percentage of logbooks returned to each region.

ANGLING LOGBOOKS RETURNS BY REGION

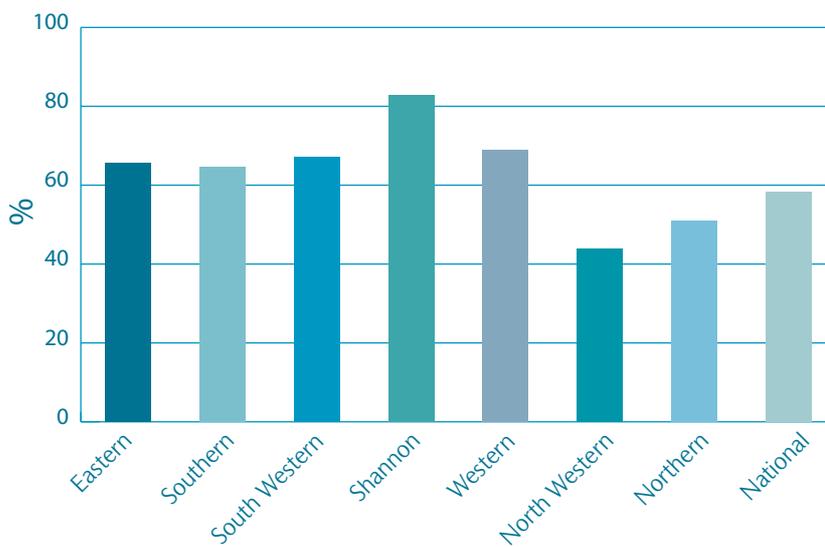


Fig. 1. Percentage of logbooks returned in 2004 by region.

Licence Category	Annual A	District B	21 Day R	Juvenile P	1 Day S	Foyle Area W	Special Local X	Region Total
Eastern	1149	1359	206	236	95	0	0	3045
Southern	679	1460	1092	194	220	0	0	3645
South Western	1096	1698	1103	197	642	0	0	4736
Shannon	560	1025	177	117	120	0	0	1999
Western	420	740	1009	130	776	0	0	3075
North Western	793	3031	3288	632	1211	1	0	8956
Northern	1001	2239	716	355	835	48	157	5351
Total Licences Sold	5698	11,552	7591	1861	3899	49	157	30,807

Table 2. Breakdown of quantity and type of licences sold in 2004 by region.

Licence Category Region	Annual A	District B	21 Day R	Juvenile P	1 Day S	Foyle Area W	Special Local X	Region Total
Eastern	834	882	101	134	45	0	0	1996
Southern	462	960	685	113	133	0	0	2353
South Western	810	1191	690	115	375	0	0	3181
Shannon	498	905	135	56	61	0	0	1655
Western	325	527	756	54	455	0	0	2117
North Western	365	1196	1747	166	454	1	0	3929
Northern	567	1214	374	165	297	25	82	2724
Total Logbooks Returned	3861	6875	4488	803	1820	26	82	17,955
Total Licences Sold	5698	11,552	7591	1861	3899	49	157	30,807
% Return per Licence Type	67.8	59.5	59.1	43.1	46.7	53.1	52.2	58.3

Table 3. Breakdown of quantity and type of logbooks returned in 2004 by region, including total licences sold and the percentage logbook return by licence type.

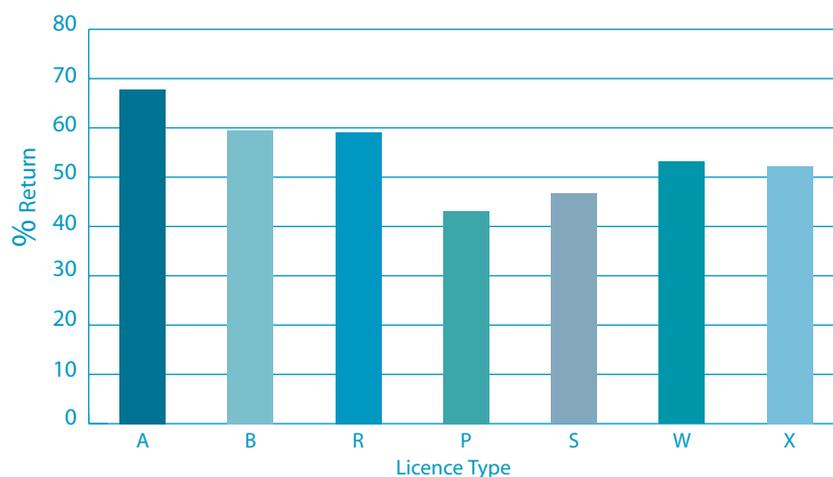


Fig. 2. Logbooks returned in 2004 by licence type.

SALMON ANGLING CATCH BY DISTRICT 2004

District	Reported Tagged Catch	Adjusted Catch
Dundalk	221	258
Drogheda	573	665
Dublin	20	23
Wexford	389	452
Waterford	1699	1979
Lismore	2119	2465
Cork	1221	1399
Kerry	1519	1736
Limerick	1370	1469
Galway	887	1014
Connemara	102	114
Ballinakill	601	695
Ballina	6265	8472
Bangor	810	1066
Sligo	1202	1633
Ballyshannon	888	1145
Letterkenny	908	1162
Unknown	398	455
TOTAL	21,192	26,202

Table 4. Number of salmon caught & tagged by rod in each of the fisheries districts in 2004 as determined from angling logbook returns. The table shows the reported tagged catch as indicated in the logbooks and the adjusted catch to account for those fish captured but for which no logbook was returned. The method for adjusting the rod catch follows investigations published by Small (1991).



SEA TROUT (OVER 40 CM) ANGLING CATCH BY DISTRICT 2004

District	Reported Tagged Catch	Adjusted Catch
Dundalk	8	9
Drogheda	4	4
Dublin	13	16
Wexford	6	7
Waterford	6	6
Lismore	12	13
Cork	17	20
Kerry	147	166
Limerick	55	63
Galway	0	0
Connemara	0	0
Ballinakill	0	0
Ballina	34	46
Bangor	21	26
Sligo	14	19
Ballyshannon	38	50
Letterkenny	50	65
Unknown	7	9
TOTAL	432	519

Table 5. Number of sea trout (over 40cm) caught & tagged by rod in each of the fisheries districts in 2004 as determined from angling logbook returns. The table shows the reported tagged catch as indicated in the logbooks and the adjusted catch to account for those fish captured but for which no logbook was returned. The method for adjusting the rod catch follows investigations published by Small (1991).



SALMON AND SEA TROUT (OVER 40 CM) ANGLING CATCH 2004

District	Reported Salmon Catch	Adjusted Salmon Catch	Reported Sea Trout Catch	Adjusted Sea Trout Catch	Total Reported Catch	Total Adjusted Catch
Dundalk	221	258	8	9	229	267
Drogheda	573	665	4	4	577	669
Dublin	20	23	13	16	33	39
Wexford	389	452	6	7	395	459
Waterford	1699	1979	6	6	1705	1985
Lismore	2119	2465	12	13	2131	2478
Cork	1221	1399	17	20	1238	1419
Kerry	1519	1736	147	166	1666	1902
Limerick	1370	1469	55	63	1425	1532
Galway	887	1014	0	0	887	1014
Connemara	102	114	0	0	102	114
Ballinakill	601	695	0	0	601	695
Ballina	6265	8472	34	46	6299	8518
Bangor	810	1066	21	26	831	1092
Sligo	1202	1633	14	19	1216	1652
Ballyshannon	888	1145	38	50	926	1195
Letterkenny	908	1162	50	65	958	1227
Unknown	398	455	7	9	405	464
TOTAL	21,192	26,202	432	519	21,624	26,721

Table 6. Number of salmon and sea trout (over 40 cm) caught by rod and line in each of the fisheries districts in 2003 as determined from angling logbook returns. The table shows the reported catch for each species as indicated in the logbooks and the adjusted catch to account for those fish captured but for which no logbook was returned. The reported and adjusted catch for each species are summed to give the total reported and total adjusted catch. The method for adjusting the rod catch follows investigations by Small (1991).



TOTAL COMMERCIAL & ANGLING SALMON CATCH BY DISTRICT 2004

District	Drift	Draft	Snap	Loop	Bag	Head Weir	Rod	Total	% catch by district
Dundalk	0	634	0	0	0	0	258	892	0.53
Drogheda	0	1788	0	0	0	0	665	2453	1.44
Dublin	3	7	0	0	0	0	23	33	0.02
Wexford	0	1097	0	0	0	0	452	1549	0.91
Waterford	8303	0	3455	0	0	12	1979	13,749	8.10
Lismore	9173	0	115	0	0	0	2465	11,753	6.92
Cork	19,134	2662	0	0	151	0	1399	23,346	13.75
Kerry	17,720	6279	0	0	90	0	1736	25,825	15.21
Limerick	9148	2005	0	0	0	0	1469	12,622	7.43
Galway	3736	63	0	0	0	0	1014	4813	2.83
Connemara	2626	0	0	0	0	0	114	2740	1.61
Ballinakill	4026	355	0	0	0	0	695	5076	2.99
Ballina	21,023	26	0	0	0	0	8472	29,521	17.38
Bangor	4143	1357	0	0	0	0	1066	6566	3.87
Sligo	2698	0	0	0	0	0	1633	4331	2.55
Ballyshannon	5271	1934	0	0	0	0	1145	8350	4.92
Letterkenny	13,299	1236	0	37	0	0	1162	15,734	9.27
Unknown	0	0	0	0	0	0	455	455	0.27
Total	120,303	19,443	3570	37	241	12	26,202	169,808	100.00
% catch by engine	70.85	11.45	2.10	0.02	0.14	0.01	15.43	100.00	

Table 7. Summary statistics for salmon catch for all engines including rod & line for 2004. Rod and line figures are the adjusted catch calculated after Small (1991). Also presented are the percentage catch by district and the percentage catch by engine.



TOTAL COMMERCIAL & ANGLING SEA TROUT CATCH BY DISTRICT 2004

District	Drift	Draft	Snap	Bag	Rod	Total	% catch per district
Dundalk	0	97	0	0	9	106	4.89
Drogheda	0	62	0	0	4	66	3.05
Dublin	103	209	0	0	16	328	15.14
Wexford	0	252	0	0	7	259	11.96
Waterford	111	0	63	0	6	180	8.31
Lismore	67	0	14	0	13	94	4.34
Cork	214	15	0	1	20	250	11.54
Kerry	51	207	0	0	166	424	19.58
Limerick	5	34	0	0	63	102	4.71
Galway	0	0	0	0	0	0	0.00
Connemara	0	0	0	0	0	0	0.00
Ballinakill	0	0	0	0	0	0	0.00
Ballina	1	0	0	0	46	47	2.17
Bangor	14	5	0	0	26	45	2.08
Sligo	3	0	0	0	19	22	1.02
Ballyshannon	26	18	0	0	50	94	4.34
Letterkenny	45	30	0	0	65	140	6.46
Unknown	0	0	0	0	9	9	0.42
Total	640	929	77	1	519	2166	100.00
% catch by engine	29.55	42.89	3.55	0.05	23.96	100.00	

Table 8. Summary statistics for the sea trout (over 40cm) catch for all engines including rod & line for 2004. Rod and line figures are the adjusted catch calculated after Small (1991). Also presented are the percentage catch by district and the percentage catch by engine.



TOP 20 SALMON ANGLING RIVERS 2004

Rod Catch Rank	River	River System Number	District	Reported Tagged Catch	Adjusted Catch	Fluvial Habitat Accessible to Salmon Rank
1	Moy	110	Ballina	6006	8120	3
2	Blackwater	190	Lismore	2119	2465	2
3	Ballysadare	116	Sligo	1082	1467	13
4	Feale	194	Limerick	974	1044	14
5	Suir	182	Waterford	839	975	1
6	Corrib	143	Galway	822	942	8
7	Nore	184	Waterford	667	777	4
8	Laune	207	Kerry	598	684	12
9	Boyne	159	Drogheda	573	665	5
10	Owenmore R	105	Bangor	477	634	18
11	Bandon	229	Cork	547	627	15
12	Drowes	121	Ballyshannon	435	561	37
13	Lee (Cork)	228	Cork	459	528	22
14	Slaney	175	Wexford	388	451	7
15	Owenea	50	Letterkenny	280	362	33
16	Easky	114	Ballina	256	348	39
17	Shannon	155	Limerick	296	319	9
18	Bundorragha	130	Ballinakill	226	260	118
19	Owenduff	106	Bangor	195	253	31
20	Roughy	217	Kerry	219	252	27

Table 9. Top 20 salmon producing rivers ranked in order of the adjusted catch (Small, 1991). Also presented is the total fluvial habitat accessible to salmon rank (Central Fisheries Board, 2003).

SALMON TAGGED PER ANGLER

No. of Salmon Tagged	Region							Total No. of Anglers that Tagged Salmon
	Eastern	Southern	South Western	Shannon	Western	North Western	Northern	
1	168	290	312	178	248	593	275	2064
2	90	174	154	97	111	342	129	1097
3	56	117	111	46	56	227	88	701
4	44	85	72	41	24	134	60	460
5	73	147	126	77	49	190	89	751
6	12	22	23	15	19	68	14	173
7	9	19	19	10	4	36	13	110
8	7	18	16	6	7	50	16	120
9	11	13	15	5	8	24	13	89
10	10	38	22	9	5	60	20	164
11	5	5	4	4	6	17	3	44
12	5	3	7	2	3	19	1	40
13	5	8	2	0	5	15	3	38
14	1	6	3	1	2	14	2	29
15	2	6	7	2	2	30	2	51
16	0	3	4	1	1	1	0	10
17	0	2	1	0	1	5	1	10
18	0	5	2	0	1	4	3	15
19	1	1	0	2	1	2	0	7
20	3	6	5	3	1	11	1	30
21	0	0	1	0	0	1	0	2
23	0	1	0	0	0	0	0	1
Totals	502	969	906	499	554	1843	733	6006

Table 10. Distribution of tagged salmon angling catch in 2004 determined from logbook returns.



CATCH & RELEASE ESTIMATES BY REGION 2004

	ERFB	SRFB	SWRFB	ShRFB	WRFB	NWRFB	NRFB	National
Total Reported Catch	1750	4076	3458	1749	1839	7848	2563	23,283
Caught & Tagged	1750	3673	3164	1628	1614	7028	2335	21,192
Caught & Released	*	403	294	121	225	820	228	2091
% caught & released	*	9.9	8.5	6.9	12.2	10.4	8.9	9.0

* Catch and release figures not recorded in the ERFB database. The national average assumes no catch and release in the Eastern Region.

Table 11. Catch and release estimates of salmon in each of the regions in 2004. The table shows the total reported catch, the number of salmon caught & tagged and the number of salmon caught & released. Also presented are the percentage of salmon caught & released for each of the regions.

CATCH & RELEASE ESTIMATES BY DISTRICT 2004

District	ERFB	SRFB	SWRFB	ShRFB	WRFB	NWRFB	NRFB	Total Released	Total Reported Catch	% Released per District
Dundalk	*						2	2	223	0.9
Drogheda	*							0	573	0.0
Dublin	*							0	20	0.0
Wexford	*	2		1				3	392	0.8
Waterford	*	113	3	1	11	50	2	180	2071	8.7
Lismore	*	254	49	2		5	6	316	2424	13.0
Cork	*	9	109				19	137	1357	10.1
Kerry	*	2	115	2	2	3	1	125	1589	7.9
Limerick	*	4	8	93	3	4	5	117	1484	7.9
Galway	*	1	1	2	35	3	1	43	889	4.8
Connemara	*		1	4	39			44	143	30.8
Ballinakill	*	1		2	98	15	2	118	714	16.5
Ballina	*	9	3	1	6	552	34	605	6867	8.8
Bangor	*			3	17	122	1	143	759	18.8
Sligo	*	2			2	57	9	70	1272	5.5
Ballyshannon	*	2				3	57	62	950	6.5
Letterkenny	*	2	1			6	89	98	1006	9.7
Unknown	*	2	4	10	12			28	550	5.1
Total	*	403	294	121	225	820	228	2091	23,283	9.0

* Catch and release figures not recorded in the ERFB database.

Table 12. Catch and release estimates of salmon in each of the fishery districts in 2004. The table shows the distribution of salmon released in each of the districts (Eastern region districts are incomplete) and the percentage catch and release by district.



ANGLER NATIONALITY 2004

Nationality	ERFB	SRFB	SWRFB	ShRFB	WRFB	NWRFB	NRFB	Total
Andorra						2		2
Australia		4	6		9	2	3	24
Austria		2	10	2	15	39	9	77
Belgium	3	27	22	5	13	38	11	119
Canada	1	2	8		11	8	2	32
Channel Islands					1	3		4
Cyprus					2			2
Czech Republic					1			1
Denmark	2	11	8			17	5	43
England	36	558	104	56	93	1459	156	2462
Finland			5		8			13
France	16	80	113	19	74	660	153	1115
Germany	10	17	130	10	68	359	162	756
Hawaii					1			1
Holland		9	6	1	14	59	3	92
Iceland	5	5	3	1	4	4		22
Ireland	2877	2396	3185	1768	1541	4165	1615	17,547
Isle of Man		8	3	2	6	22		41
Italy	1	7	6		20	26	1	61
Japan		3						3
Kenya						1		1
Liechtenstein						1		1
Luxembourg		1	4	1	8	11		25
Mexico					1			1
Netherlands		8	29	2	13	14		66
New Zealand							2	2
Northern Ireland	48	21	32	11	153	1484	2983	4732
Norway		1	1		2	1		5
Portugal						2		2
Scotland	3	37	36	2	30	213	56	377
Slovenia					1	2		3
South Africa		6	4		9	1		20
Spain	2	34	3		7	18	5	69
Sweden	4	3	1		3	3		14
Switzerland		16	25	1	43	85	28	198
United Kingdom	11	160	572	16	478		43	1280
Unknown	10	105	121	92	188	27	78	621
USA	11	77	259	8	227	63	17	662
Wales	5	47	40	2	30	167	19	310
Zimbabwe					1			1
Total	3045	3645	4736	1999	3075	8956	5351	30,807

Table 13. Total number of rod licences sold in 2004 by angler nationality (taken from the address supplied at the time the licence was purchased).

REGIONAL LICENCE SALES AND TAGGED SALMON CATCH BY ANGLER NATIONALITY 2004

Licence Sales By Angler Nationality

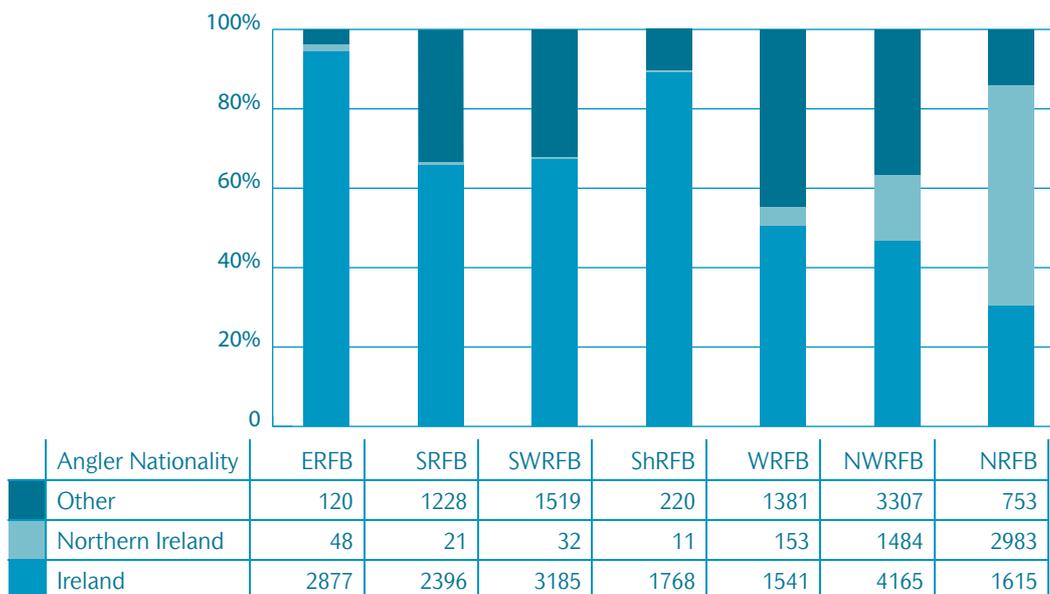


Fig. 4. Rod licence sales by region and angler nationality (Irish, Northern Irish and all other nationalities) in 2004. The data are displayed as 100% stacked columns to indicate the relative proportion of angler nationalities represented in each region. The data table presents the total number of licences sold by angler nationality and region.

Tagged Salmon Catch by Angler Nationality

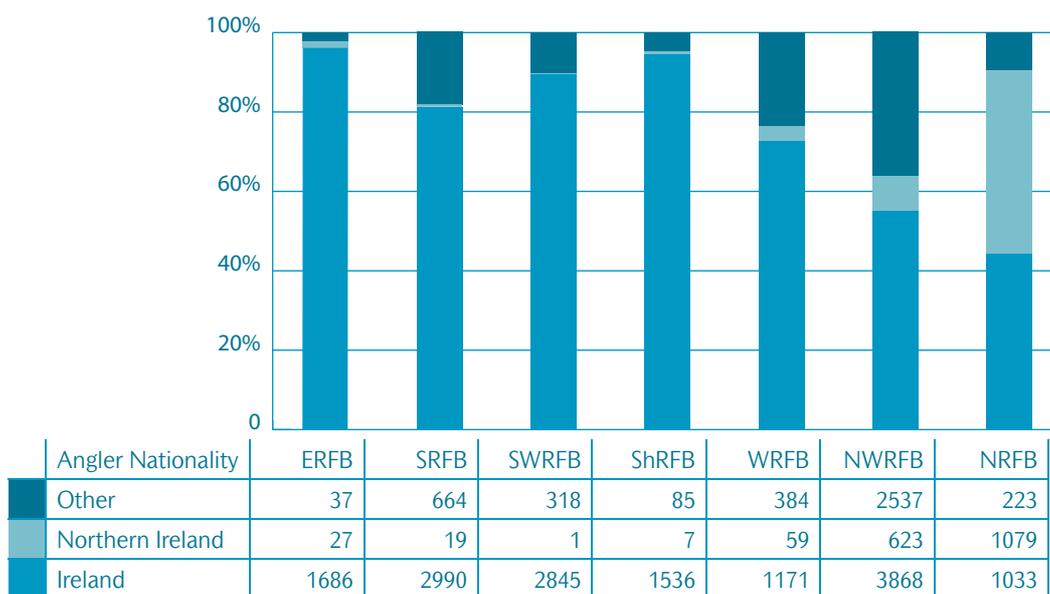
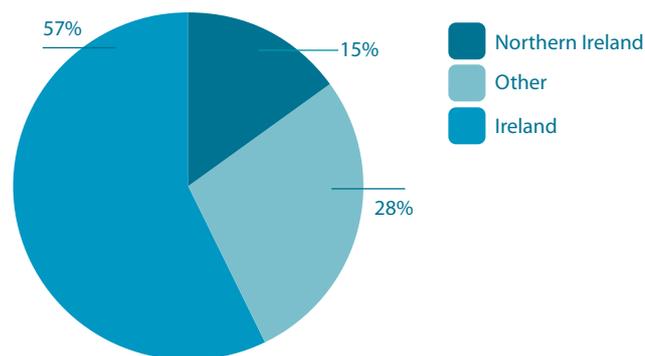


Fig. 5. Reported & tagged salmon catch by region and angler nationality (Irish, Northern Irish and all other nationalities) in 2004. The data are displayed as 100% stacked columns to indicate the relative proportion of catch by angler nationality in each region. The data table presents the total number of salmon tagged by angler nationality and region.



NATIONAL BREAKDOWN OF LICENCE SALES AND REPORTED SALMON ANGLING CATCH

(a) Licence Sales by Angler Nationality



(b) Tagged Salmon Catch by Angler Nationality

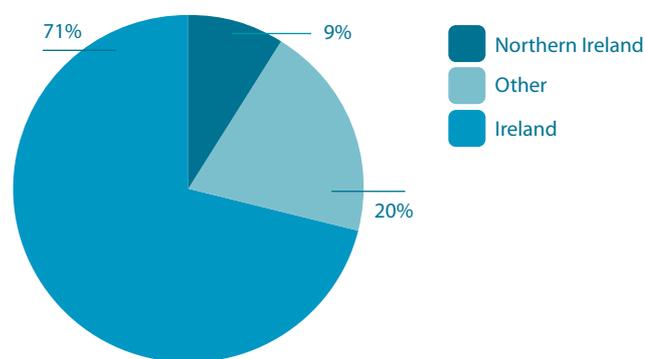


Fig. 3 (a) 2004 rod licence sales as a percentage of the total for Irish, Northern Irish and all other nationalities; (b) 2004 reported and tagged salmon catch as a percentage of the total for Irish, Northern Irish and all other nationalities. The figures have been determined from catches recorded in returned logbooks only.



REGIONAL LICENCE SALES AND TAGGED SALMON CATCH BY LICENCE TYPE 2004

Regional Licence Sales by Licence Type

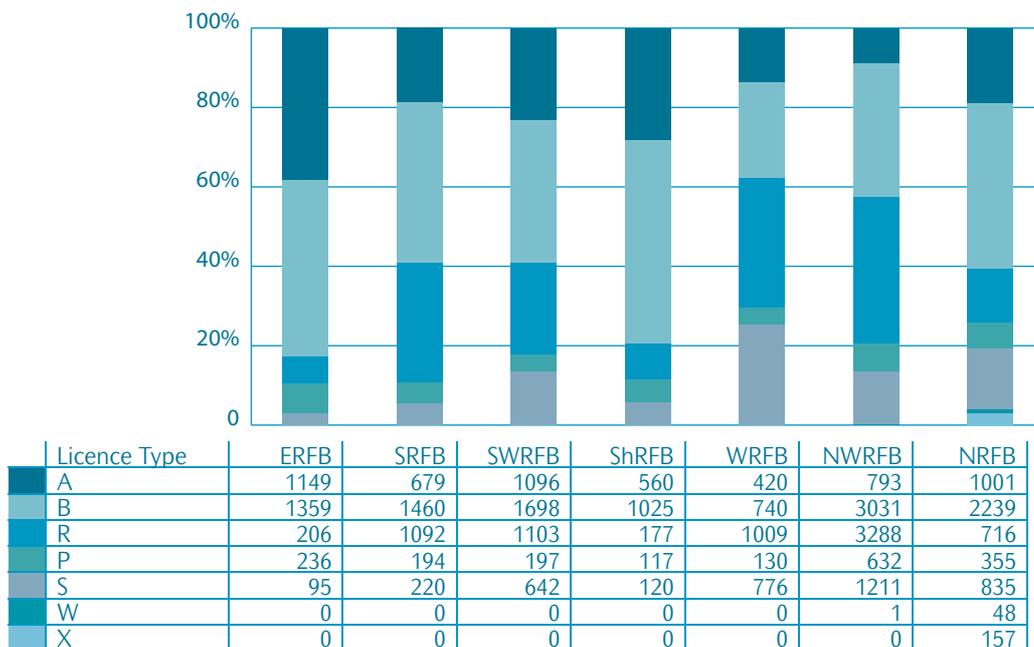


Fig. 7. Rod licence sales by region and licence type in 2004. The data are displayed as 100% stacked columns to indicate the relative proportion of licence type sold in each region. The data table presents the total number of licences sold by licence type and region.

Tagged Salmon Catch by Licence Type

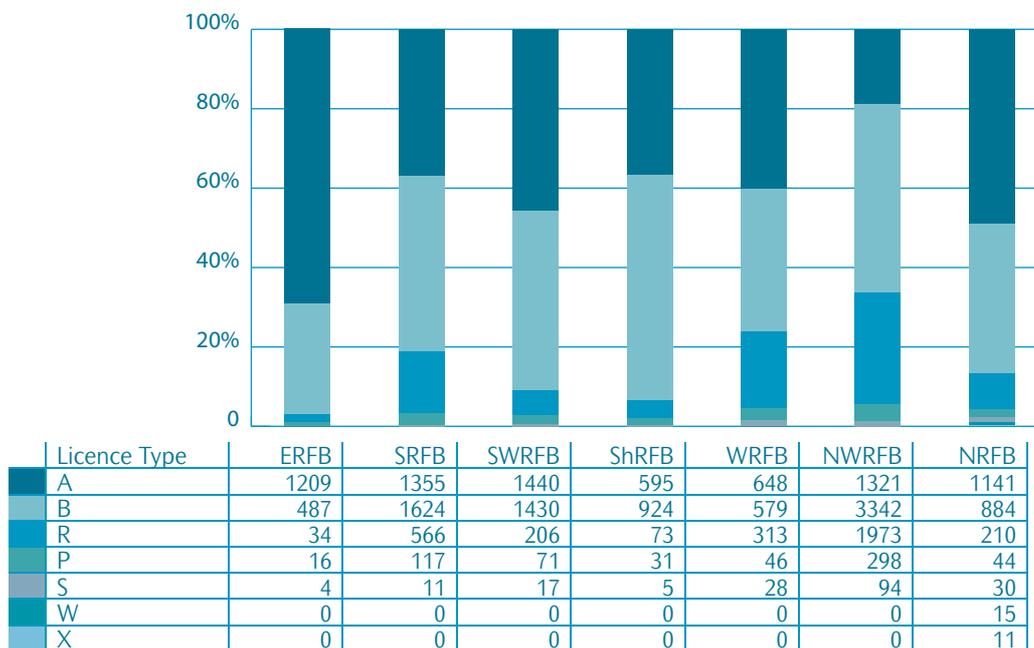
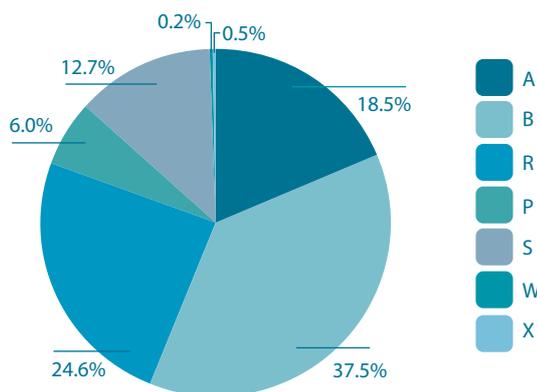


Fig. 8. Reported & tagged salmon catch by region and licence type in 2004. The data are displayed as 100% stacked columns to indicate the relative proportion of catch by licence type in each region. The data table presents the total number of salmon tagged by licence type and region.

LICENCE SALES AND SALMON CATCH BY LICENCE TYPE

(a) Licence Sales by Licence Type



(b) Tagged Salmon Catch by Licence Type

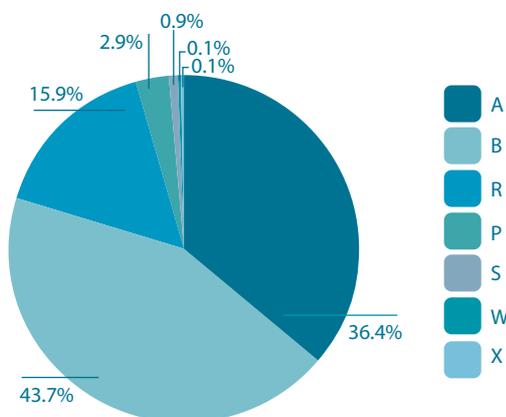


Fig. 6 (a) 2004 rod licence sales as a percentage of the total for each category of licence type; (b) 2004 reported and tagged salmon catch as a percentage of the total for each category of licence type. The figures have been determined from catches recorded in returned logbooks only.

NATIONAL BREAKDOWN OF LICENCE SALES AND TAGGED SALMON CATCH BY ANGLER NATIONALITY 2004



Fig. 9. National breakdown of licences sold by licence type and angler nationality & a national breakdown of the tagged salmon catch by licence type and angler nationality. Data are presented as 100% stacked columns to indicate the relative proportions of angler nationality (Irish, Northern Irish and all other nationalities) within each category. The data table presents the total number of licences sold and salmon tagged for each category.





ANGLING CATCH BY RIVER SYSTEM – EASTERN REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Castletown	92	Dundalk	35	41
Fane	94	Dundalk	108	126
Glyde	95	Dundalk	31	36
Dee	96	Dundalk	47	55
Boyne	159	Drogheda	573	665
Ward	164	Dublin	1	1
Liffey	168	Dublin	9	10
Dargle	169	Dublin	10	12
Slaney	175	Wexford	388	451
Wexford District	256	Wexford	1	1

Table 14. Number of salmon caught by rod & line in the Eastern Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, *Rivers and their Catchment Basins, 1958*.

River System	River System Number	District	Reported Sea Trout Catch	Adjusted Sea Trout Catch
Castletown	92	Dundalk	2	2
Glyde	95	Dundalk	1	1
Dee	96	Dundalk	5	6
Boyne	159	Drogheda	4	4
Ward	164	Dublin	4	5
Dargle	169	Dublin	9	11
Slaney	175	Wexford	6	7

Table 15. Number of sea trout (over 40 cm) caught by rod & line in the Eastern Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, *Rivers and their Catchment Basins, 1958*.

ANGLING CATCH BY RIVER SYSTEM – SOUTHERN REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Suir	182	Waterford	839	975
Barrow	183	Waterford	164	193
Nore	184	Waterford	667	777
Mahon	185	Waterford	3	3
Tay	186	Waterford	4	5
Colligan	188	Waterford	16	19
Waterford District	257	Waterford	6	7
Blackwater (Munster)	190	Lismore	2119	2465

Table 16. Number of salmon caught by rod & line in the Southern Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, *Rivers and their Catchment Basins*, 1958.

River System	River System Number	District	Reported Sea Trout Catch	Adjusted Sea Trout Catch
Nore	184	Waterford	3	3
Colligan	188	Waterford	3	3
Blackwater (Munster)	190	Lismore	12	13

Table 17. Number of sea trout (over 40 cm) caught by rod & line in the Southern Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, *Rivers and their Catchment Basins*, 1958.

ANGLING CATCH BY RIVER SYSTEM – SOUTH WESTERN REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Glengarriff	219	Cork	15	17
Coomhola	225	Cork	44	50
Owvane	226	Cork	8	9
Mealagh	227	Cork	2	2
Lee (Cork)	228	Cork	459	528
Bandon	229	Cork	547	627
Owenboy	230	Cork	5	6
Argideen	232	Cork	8	9
Ilen	233	Cork	92	104
Roury	234	Cork	4	5
Cork District	259	Cork	37	42
Maine	197	Kerry	46	53
Owenascaul	200	Kerry	8	9
Owenmore (Brandon)	203	Kerry	2	2
Feohanagh	205	Kerry	3	3
Laune	207	Kerry	598	684
Caragh	208	Kerry	103	118
Behy	209	Kerry	1	1
Ferta	210	Kerry	4	5
Inny (Knockmoyle)	212	Kerry	86	98
Cummeragh	213	Kerry	180	204
Sneem	214	Kerry	28	32
Blackwater (Kerry)	215	Kerry	58	66
Finnihy	216	Kerry	1	1
Roughty	217	Kerry	219	252
Sheen	218	Kerry	20	23
Owenshagh	221	Kerry	10	11
Glanmore R. & L.	222	Kerry	3	3
Kerry District	260	Kerry	149	171

Table 18. Number of salmon caught by rod & line in the South Western Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.



River System	River System Number	District	Reported Sea Trout Catch	Adjusted Sea Trout Catch
Glengarriff	219	Cork	1	1
Coomhola	225	Cork	1	1
Lee (Cork)	228	Cork	1	1
Bandon	229	Cork	4	5
Owenboy	230	Cork	5	6
Argideen	232	Cork	4	5
Cork District	259	Cork	1	1
Maine	197	Kerry	3	3
Laune	207	Kerry	13	14
Caragh	208	Kerry	7	8
Inny (Knockmoyle)	212	Kerry	3	3
Cummeragh	213	Kerry	113	129
Roughy	217	Kerry	6	7
Glanmore R. & L.	222	Kerry	1	1
Kerry District	260	Kerry	1	1

Table 19. Number of sea trout (over 40 cm) caught by rod & line in the South Western Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.

ANGLING CATCH BY RIVER SYSTEM – SHANNON REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Inagh	149	Limerick	5	6
Annageeragh	152	Limerick	7	7
Doonbeg	154	Limerick	4	4
Shannon	155	Limerick	296	319
Suck	156	Limerick	3	3
Derravaragh L.	157	Limerick	1	1
Fergus	158	Limerick	77	82
Feale	194	Limerick	974	1044
Shannon District	261	Limerick	3	3

Table 20. Number of salmon caught by rod & line in the Shannon Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows



investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.

River System	River System Number	District	Reported Sea Trout Catch	Adjusted Sea Trout Catch
Doonbeg	154	Limerick	2	2
Shannon	155	Limerick	1	1
Inch	158	Limerick	19	24
Feale	194	Limerick	33	36

Table 21. Number of sea trout (over 40 cm) caught by rod & line in the Shannon Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.

ANGLING CATCH BY RIVER SYSTEM – WESTERN REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Owenriff	140	Galway	12	13
Corrib	143	Galway	822	942
Kilcolgan	145	Galway	3	3
Aille (Galway)	148	Galway	2	2
Galway District	262	Galway	48	54
Ballynahinch	136	Connemara	59	66
Cashla	138	Connemara	20	22
Screebe R. & L.	239	Connemara	23	26
Belclare R.	126	Ballinakill	7	8
Bunowen (Clew Bay)	127	Ballinakill	41	50
Carrownisky	128	Ballinakill	18	21
Bundorragha	130	Ballinakill	226	260
Erriff	131	Ballinakill	191	221
Culfin	132	Ballinakill	14	16
Dawros	133	Ballinakill	59	68
Traheen	134	Ballinakill	1	1
Owenglin	135	Ballinakill	44	50

Table 22. Number of salmon caught by rod & line in the Western Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.

ANGLING CATCH BY RIVER SYSTEM – NORTH WESTERN REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Cloonalaghan	103	Ballina	1	1
Palmerstown	104	Ballina	2	3
Moy	110	Ballina	6006	8120
Easky	114	Ballina	256	348
Glenamoy	100	Bangor	22	29
Owenmore R.	105	Bangor	477	634
Owenduff	106	Bangor	195	253
Burrishoole	107	Bangor	49	64
Newport R.	108	Bangor	67	86
Ballysadare	116	Sligo	1082	1467
Garvogue	117	Sligo	70	97
Drumcliff	119	Sligo	50	69

Table 23. Number of salmon caught by rod & line in the North Western Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.

River System	River System Number	District	Reported Sea Trout Catch	Adjusted Sea Trout Catch
Palmerstown	104	Ballina	6	8
Moy	110	Ballina	27	37
Easky	114	Ballina	1	1
Glenamoy	100	Bangor	1	1
Owenmore R.	105	Bangor	4	6
Owenduff	106	Bangor	16	19
Ballysadare	116	Sligo	2	3
Bonet	117	Sligo	1	1
Glencar L. & Drumcliff	119	Sligo	9	13
Strandhill	251	Sligo	1	1
Sligo District	267	Sligo	1	1

Table 24. Number of sea trout (over 40 cm) caught by rod & line in the North Western Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.



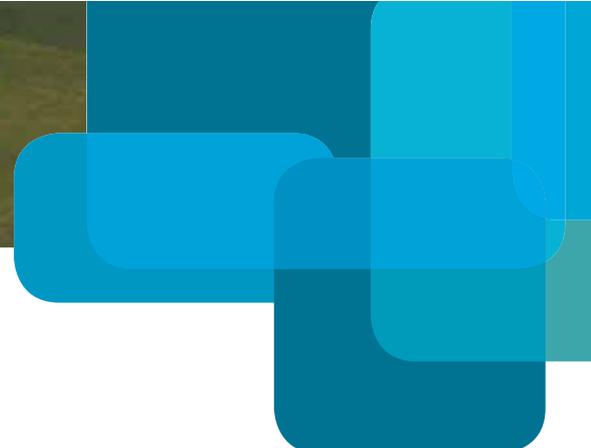
ANGLING CATCH BY RIVER SYSTEM – NORTHERN REGIONAL FISHERIES BOARD

River System	River System Number	District	Reported Salmon Catch	Adjusted Salmon Catch
Glen	52	Ballyshannon	69	88
Bungosteen	54	Ballyshannon	1	1
Oily	55	Ballyshannon	7	9
Eany Water	57	Ballyshannon	122	157
Eask L. (Eske)	58	Ballyshannon	41	53
Murvagh R.	60	Ballyshannon	1	1
Duff	120	Ballyshannon	164	212
Drowes	121	Ballyshannon	435	561
Erne	123	Ballyshannon	48	63
Ray	3	Letterkenny	34	43
Crana	9	Letterkenny	117	151
Cabry	11	Letterkenny	1	1
Glenna	21	Letterkenny	4	4
Crollly R.	22	Letterkenny	29	38
Clady	23	Letterkenny	77	99
Tullaghobegly	24	Letterkenny	80	103
Lackagh	27	Letterkenny	56	71
Leannan	31	Letterkenny	90	113
Owenamarve	47	Letterkenny	13	15
Gweebarra	48	Letterkenny	116	149
Owenea	50	Letterkenny	280	362
Swilly	51	Letterkenny	2	3
Dungloe L.	238	Letterkenny	5	6
Buncrana	243	Letterkenny	3	3
Letterkenny District	269	Letterkenny	1	1

Table 25. Number of salmon caught by rod & line in the Northern Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.

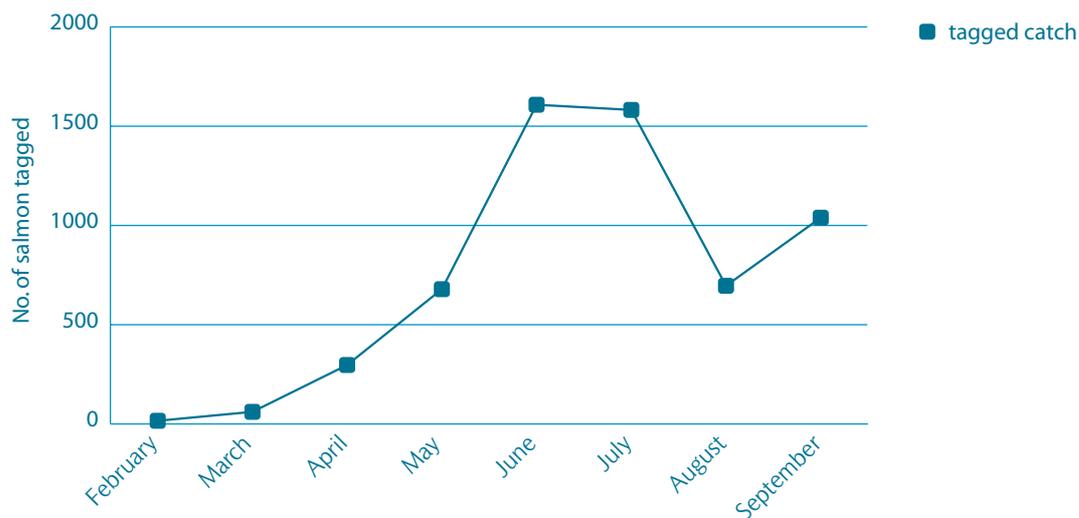
River System	River System Number	District	Reported Sea Trout Catch	Adjusted Sea Trout Catch
Eask (Eske)	58	Ballyshannon	2	3
Duff	120	Ballyshannon	3	4
Drowes	121	Ballyshannon	2	3
Erne	123	Ballyshannon	31	40
Ray	3	Letterkenny	2	3
Clady	23	Letterkenny	3	4
Tullaghobegly	24	Letterkenny	4	5
Lackagh	27	Letterkenny	14	18
Leannan	31	Letterkenny	4	5
Gweebarra	48	Letterkenny	6	8
Owenea	50	Letterkenny	5	6
Dungloe R. & L.	238	Letterkenny	6	7
Horn Head	244	Letterkenny	2	3
Isle of Doagh	245	Letterkenny	2	3
Letterkenny District	269	Letterkenny	2	3

Table 26. Number of sea trout (over 40 cm) caught by rod & line in the Northern Regional Fisheries Board area in 2004 as determined from angling logbook returns. The table shows the reported tagged fish and the adjusted catch to take into account those fish captured for which no logbook was returned. The method for adjusting the reported catch follows investigations published by Small (1991). River names and codes are defined by the Ordnance Survey of Ireland, Rivers and their Catchment Basins, 1958.



MOY SYSTEM 2004

(a) Moy 2004 Tagged Salmon Catch



(b) Moy 2004 Capture Method

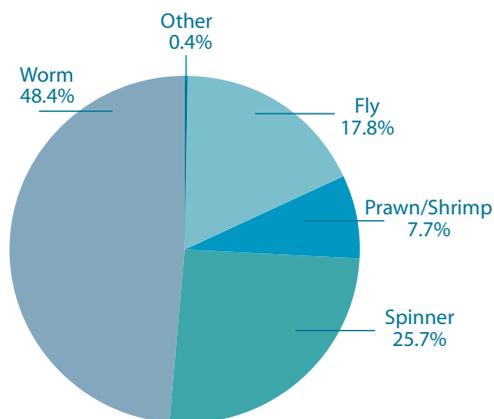
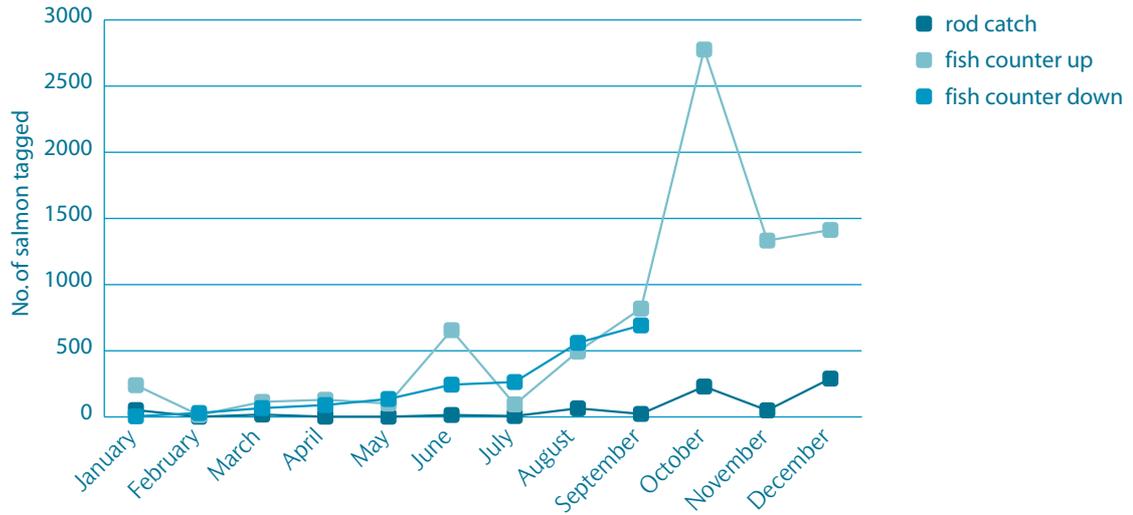


Fig. 10 (a) Reported salmon angling catch by month on the Moy River system in 2004; (b) Capture Method.

BLACKWATER (MUNSTER) 2004

(a) Blackwater (Munster) 2004 Tagged Salmon Catch & Fish Counter Data



(b) Blackwater (Munster) 2004 Capture Method

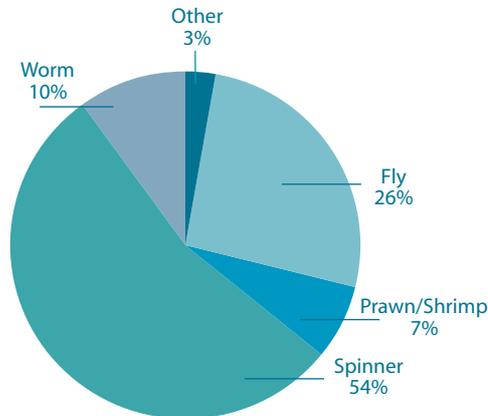
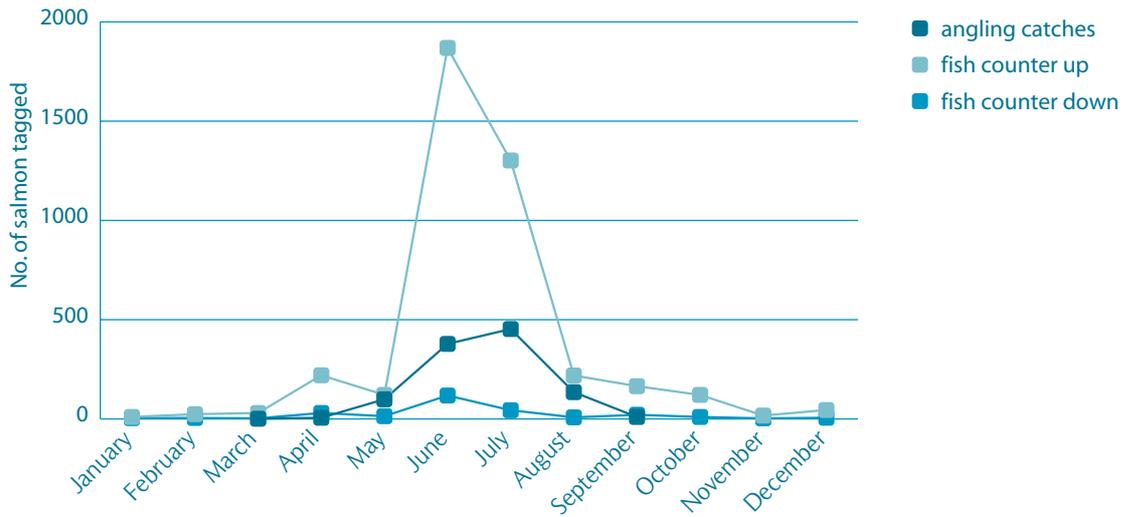


Fig. 11 (a) Reported salmon angling catch by month on the Blackwater (Munster) in 2004. Also shown are Marine Institute fish counter data; (b) Capture Method.



BALLYSADARE 2004

(a) Ballysadare River (2004) Tagged Salmon Catch & Fish Counter Data



(b) Ballysadare 2004 Capture Method

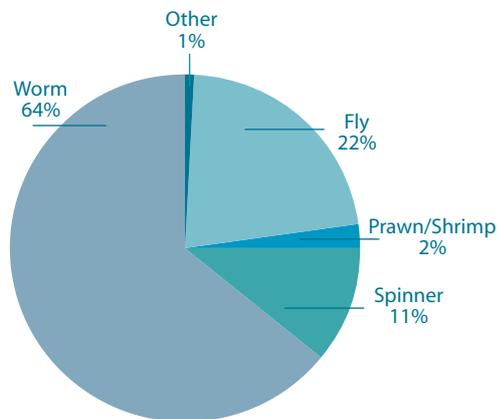
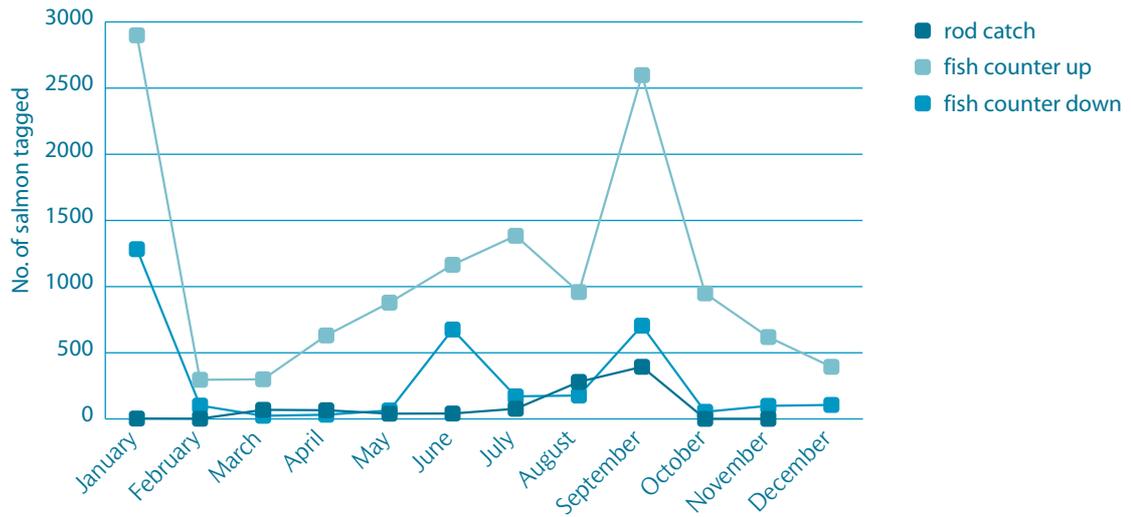


Fig. 12 (a) Reported salmon angling catch by month on the Ballysadare in 2004. Also shown are Marine Institute fish counter data; (b) Capture Method.

FEALE 2004

(a) Feale 2004 Tagged Salmon Catch & Fish Counter Data



(b) Feale 2004 Capture Method

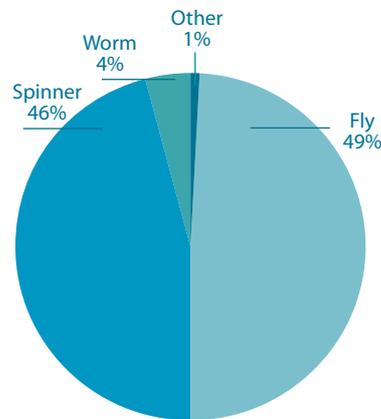
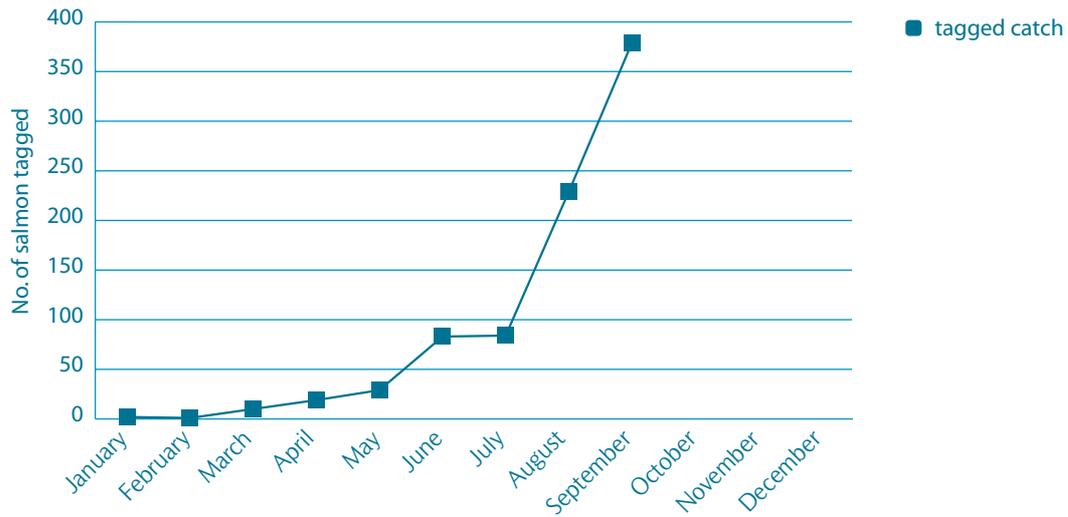


Fig. 13 (a) Reported salmon angling catch by month on the Feale in 2004. Also shown are Marine Institute fish counter data; (b) Capture Method.



Suir 2004

(a) Suir 2004 Tagged Salmon Catch



(b) Suir 2004 Capture Method

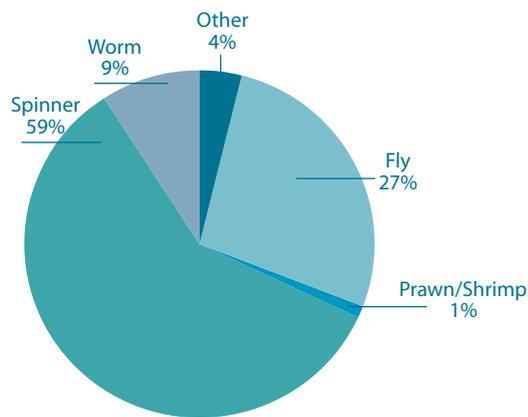


Fig. 14 (a) Reported salmon angling catch by month on the Suir in 2004. Also shown are Marine Institute fish counter data; (b) Capture Method.





