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***1980 Survey Of Sport Fishing In The  
Northwest Territories  
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Note to Readers

This document has been prepared by the Surveys Unit, Economic Policy Branch, Department of Fisheries and Oceans, for discussion purposes at the 1984 Canadian Sport Fisheries Conference.

The data contained in this report are the results of the 1980 Survey of Sportfishing in the jurisdiction named. However, the use of the data for interpretation, analysis, comparison, etc. is subject to final approval by my colleagues in the agency responsible. Due to the time constraints under which this draft has been prepared, the responsible agency has not had the opportunity to review the document. As such, I take full responsibility for any errors, omissions or misinterpretations within this report.

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## EXECUTIVE SUMMARY

The sport fishery in the Northwest Territories was examined by means of questionnaires sent to a sample of licensed anglers who had fished there in 1980. This study, the second in a series carried out at five year intervals, was conducted to provide information on the numbers, origins, and destinations of anglers, their expenditures and investments in activities and equipment used for fishing, as well as the numbers and kinds of fish harvested and amount of fishing effort expended.

### Angler Profile

There were 15,124 licensed anglers in the Northwest Territories in 1980. Of these, 6,394 were residents of the Territories and the remainder were Canadian and other nonresidents. About 88% of the residents, and 97% of the nonresidents fished. Almost 49% of the nonresident anglers were Canadians, mainly from Alberta and Ontario; the remaining nonresident anglers were United States citizens, mainly from the North Central Regions of the country.

The province was subdivided into nine areas for the purposes of the survey. Resident and nonresident anglers tended to fish in the southern part of the Territories in the area surrounding Great Slave Lake, however, a large number of nonresident anglers also fished in the area around Great Bear Lake. Moreover, there was a difference between residents and nonresidents in their selection of areas: 77% of residents, 86% of nonresident Canadians and 83% of other nonresidents fished in one area only. Overall, residents fished in as many as four areas, nonresident Canadians in five and other nonresidents in three.

The use of accommodation appears to reflect the uniqueness of the Northwest Territories fishery. Approximately 44% of Canadians and 80% of non-Canadians stayed in fishing lodges or camps; 23% of Canadians and only 2% of non-Canadians stayed with friends or relatives; and, 20% of Canadians and

5% of non-Canadian anglers stayed in tents or trailers. About 11% of all nonresident anglers used other commercial lodging during their trips to the Northwest Territories.

20%  
33  
37  
41  
%  
non-res  
33  
37  
45

The household income profile of resident and nonresident anglers is different. About 22% of resident anglers had household incomes under \$20,000, 37% between \$20,000 and \$29,999, and the remaining 41% over \$30,000. In contrast, 33% of nonresident Canadians had incomes less than \$20,000, 22% between \$20,000 and \$29,999, and 45% over \$30,000; less than 8% of other nonresidents had incomes less than \$20,000, 17% between \$20,000 and \$29,999, and close to 76% over \$30,000.

**Fishing Effort**

Angling in the Northwest Territories is a major recreational activity. Anglers fished over 183,000 days in 1980, or 13.0 days per angler. Resident anglers fished an average of 19.2 days, nonresident Canadians fished 11.4 days, and other nonresidents fished 6.6 days.

Most fishing occurred during the summer period May through September. During that time, 91% of resident, 99% of nonresident Canadian, and virtually 100% of other nonresident fishing effort was expended.

**Harvest**

In 1980, licensed anglers caught an estimated 821,400 fish of all species and retained 228,600 of these which weighed an estimated 342,500 kilograms, or 767,000 pounds. Northern pike, lake trout, arctic grayling and walleye, in that order, comprised 98% of the harvest by number. Resident anglers caught 70% of the fish harvested.

Anglers in the Northwest Territories kept slightly more than 16 fish each, of which 4 were lake trout, 4 were northern pike and 2.5 were arctic grayling. Resident anglers preferred arctic grayling, walleye and



trout respectively but they **retained**, in decreasing order of quantity, northern pike, walleye and lake trout. **Nonresident** Canadians preferred, lake trout, arctic grayling and arctic char and retained in decreasing order of quantity, lake trout, arctic grayling and northern pike. Other **nonresidents** preferred and **retained** in order of quantity, lake trout, arctic grayling and northern pike.

### Expenditures and Investments

In 1980, anglers spent \$9.8 million in the Northwest Territories on activities directly associated with sport fishing. Residents spent a total of \$1.6 million, which represents an average of \$278 per angler. **Nonresident Canadians** spent \$1.9 million, an average of \$161 per angler. Other nonresidents spent \$6.3 million, an average of \$1439 per angler. The average expenditure for all active anglers was \$694.

**Anglers** invested \$3.0 million on major durables and property, of which 53%, or \$1.6 million, was attributed to sportfishing activities. Virtually all of these investments were made by residents. The average investments of residents was \$515, nonresident Canadians, \$26, and other nonresidents, \$12.

A special category of investment reflects resident boat ownership, without regard to year of purchase. The 1980 market value of the 2,768 boats reported was \$6.0 million. Outboards were most popular followed by canoes. Outboards accounted for 55% of the market value of all boats and were used for 57% of all boat-days of fishing.

## 1 INTRODUCTION

In 1980, a survey of sportfishing in the Northwest Territories was conducted to provide basic information on the importance of this fishery, to the public, anglers, and the sportfishing industry as well as to fisheries management agencies. The survey was conducted by the Economics Branch of the Department of Fisheries and Oceans, Winnipeg, in co-operation with the Economic Policy Branch of the Department of Fisheries and Oceans, Ottawa.

The 1980 survey is the second in a series which are carried out at five year intervals. The results of the first survey are available in an unpublished report entitled, "1975 Survey of Sportfishing in The Northwest Territories". Both surveys were part of a nationally-coordinated study conducted by all of Canada's provincial and territorial sport fisheries agencies and several regional offices of the federal Department of Fisheries and Oceans. Thus not only does this report provide a basic understanding of the Territorial sport fishery in 1980, it also makes an important contribution to an understanding of the national sport fishery.

### SURVEY BACKGROUND

In 1970, representatives of Canadian fisheries agencies started to meet on a regular basis to discuss matters of common concern. At these meetings, now termed the Canadian Sport Fisheries Conferences, there was continuing agreement that effective management requires a framework of basic information regarding the size, value, socio-economic performance and potential of Canada's sport fisheries. The size of this task was realized from the outset; no comprehensive information existed and partial coverage from the only previous survey, conducted in 1961, indicated that millions of Canadians and hundreds of millions of dollars were involved.

It was also realized that the development and publication of sport fishing data were required on a regular basis, and that all sport fisheries agencies must work together to provide such information. Plans made at the 1972 and 1974 conferences were implemented in January 1976 when thirteen provincial, territorial and federal sport fisheries agencies

launched the first national ly-coordinated set of surveys. Some 50,000 questionnaires which asked anglers about their fishing activities for the calendar year 1975 were mailed. The response was gratifying: 60% of the anglers from across Canada provided information for survey publications.

The success of the 1975 survey led to the development of the 1980 study. These surveys were successful in two important ways. First, they provided Canadians with the first authoritative data on the magnitude and importance of Canada's sport fisheries. Second, they demonstrated that, despite regional differences, consistent and comparable data can be generated from a common group of questions.

A total of 2,000 questionnaires were sent to persons who had purchased angling licences in the Northwest Territories in 1980, and 1,381 (69%) were completed and returned to provide the basis for the information given in the report. After extrapolating information from these returns, an overall description of sportfishing in the Northwest Territories was developed. Additional details regarding methods are contained in Appendix B. The questionnaires used in the 1980 survey are reproduced in Appendix C.

## ANGLER PROFILE

### Numbers

A total of 15,124 anglers held fishing licences in the Northwest Territories in 1980 (Table 1). Not all of them fished: an estimated 1,079 anglers who bought licences did not fish. The estimated number of anglers who actually fished increased by almost 4,000 from 1975 (Appendix A, Table A1). There was also an increase in the number of resident anglers under the age of 16.

**TABLE 1. Numbers and characteristics of anglers in the Northwest Territories in 1980.**

Characteristics	Resident of NUT	Nonresident		Total
		Canadian	Other	
Licensed angling population	6,394a	4,262a	4,468	15,124
Estimated nonactive anglers	758	229	92	1,079
Estimated active anglers	5,636	4,033	4,376	14,045
Males	4,109	3,498	4,028	11,635
Average age, years	33	37	49	40
Females	1,527	534	348	2,409
Average age, years	31	35	51	35
Estimated anglers under 16 years of age <sup>b</sup>	1,817	401	146	2,364
↓ Total estimated active anglers of all ages	7,453	4,434	4,522	16,409

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a Resident and other Canadian angling licences are identical. The number of Canadians other than Northwest Territories residents was estimated from the sample drawn in 1980.

b Minimum estimate since only households of licensed anglers were surveyed.

A total of 6,384 Northwest Territories residents, or 24% of the territorial population over 15 years of age, held Northwest Territories angling licences in 1980 (Table 1). The total number of Northwest Territories residents of all ages who were active in 1980 was 7,453 or 17% of the population. Over 73% of the licensed active resident anglers were male, while for nonresidents, males comprised almost 90% of all active anglers. Approximately 14% of all anglers were under 16 years of age.

### Origins

There were an estimated 16,409 active anglers of all ages in 1980 (Table 1). Of these, 45% were residents, 27% were Canadians from these areas, and 28% other residents of the United States.

TABLE 2. Resident angling licence distribution and use in 1980.

Area	Licence Holders		Used	
	no.	%	no.	%
Great Slave	294	4.6	<b>233</b>	79.3
Great Bear	147	2.3	<b>147</b>	100.0
MacKenzie River	1,017	15.9	<b>906</b>	<b>89.1</b>
Hay R. - Ft. Smith	2,220	34.9	<b>1,813</b>	<b>81.3</b>
<b>Yellowknife</b>	2,009	31.4	<b>1,788</b>	<b>89.0</b>
North Coast	122	1.9	<b>122</b>	100.0
Keewatin	122	1.9	110	90.2
Hudson Bay	294	4.6	208	70.7
Franklin	159	2.5	135	84.9
<b>TOTAL</b>	<b>6,394</b>	<b>100.0</b>	<b>5,463</b>	<b>84.4</b>

Almost two-thirds of the resident anglers were from the Yellowknife and Hay River - Ft. Smith areas. Another 16% came from the MacKenzie River area of the Territories (Table, 2 Fig. 1).

More than 4,000 nonresident Canadians fished in the Northwest Territories in 1980 (Table 4, Figure 2). Close to 37% of the anglers came from Alberta, **25% were** from Ontario, and **17% from Manitoba.** The remaining 21% were residents of all other provinces and the Yukon, except New Brunswick.

More than 4,400 United States residents fished in the Northwest Territories in 1980 and chose to 60% came from the North Central regions (Table 4, Figure 3).

FIGURE 1 : Estimated number of anglers by district of residence, 1980.

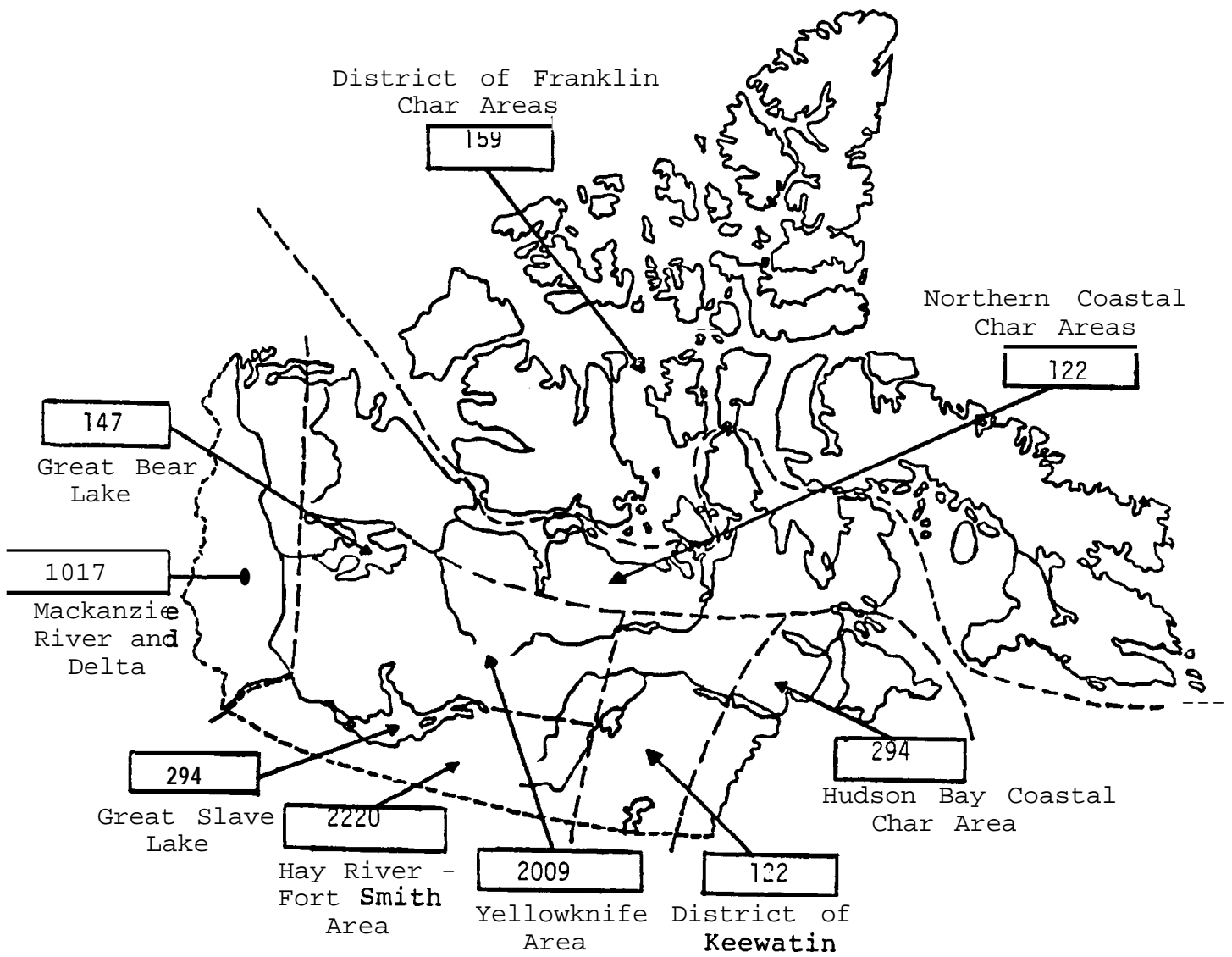
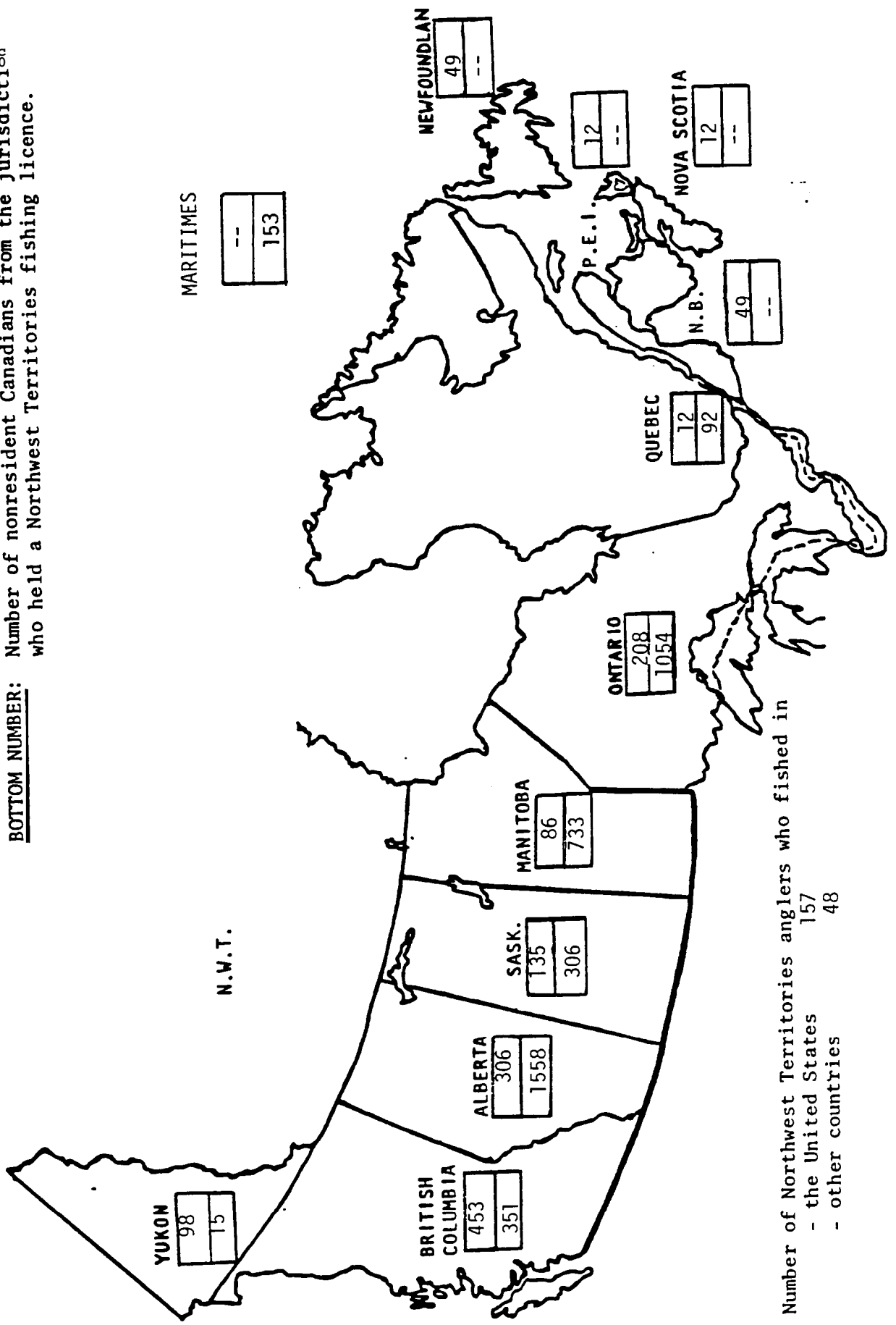


FIGURE 2: Numbers of Northwest Territories residents fishing elsewhere in Canada and nonresident Canadians fishing in the Northwest Territories.

TOP NUMBER: Number of Northwest Territories residents who fished at least one day in the jurisdiction indicated.

BOTTOM NUMBER: Number of nonresident Canadians from the jurisdiction who held a Northwest Territories fishing licence.



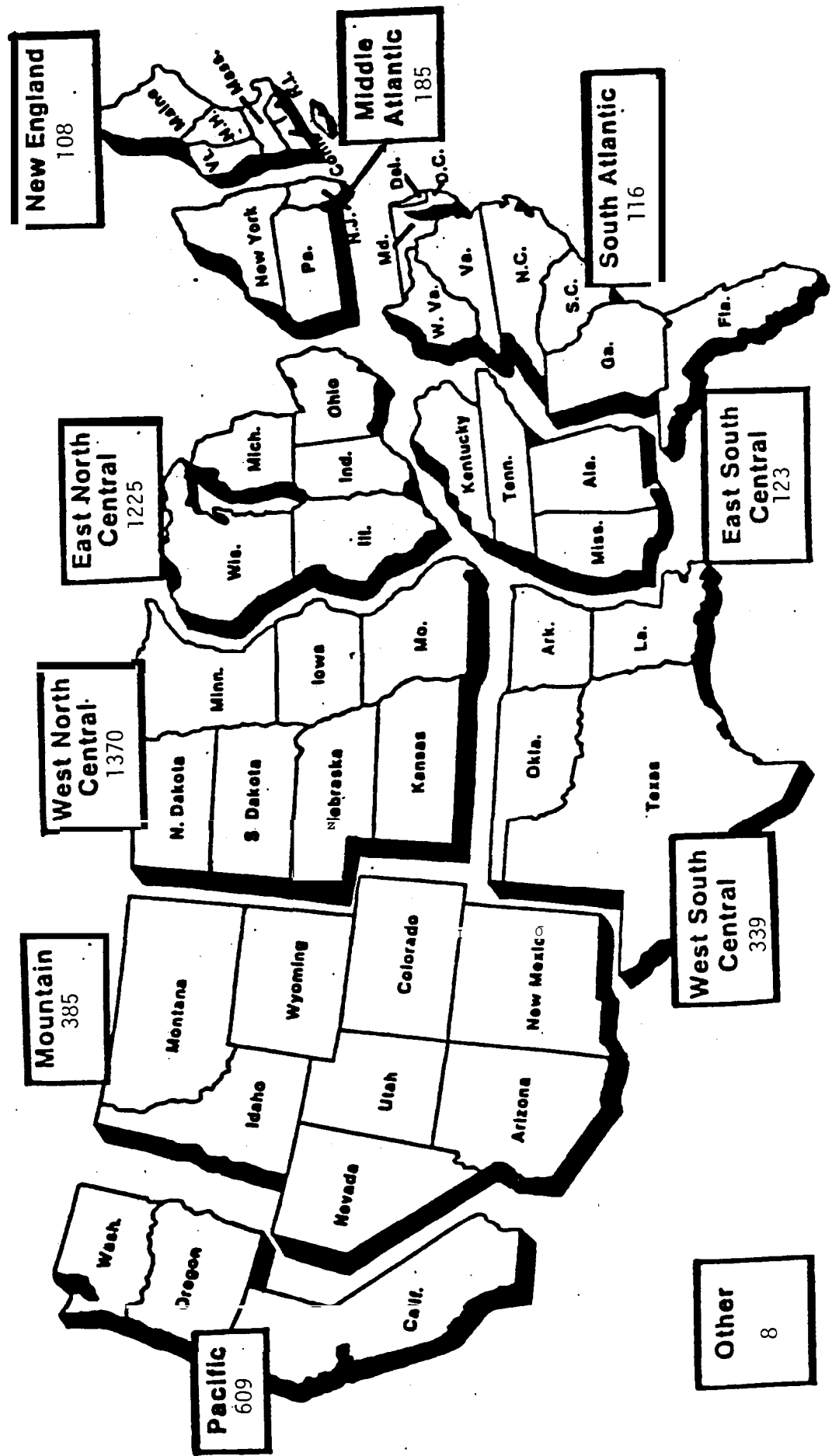
Number of Northwest Territories anglers who fished in  
 - the United States 157  
 - other countries 48

TABLE 3. Origin and numbers of nonresident anglers who held Northwest Territories angling licences in 19 W).

Province/State Group	Number	Proportion of Total
<u>Canadian</u> (see Fig. 2)		%
<b>Maritimes</b>	153	1.8
Quebec	92	1.1
Ontario	1,054	12.1
Manitoba	733	8.4
Saskatchewan	306	3.5
Alberta	1,558	17.8
British Columbia	351	4.0
Yukon Territory	15	0.2
<b>Canadian Total</b>	<b>4,262</b>	<b>48.9</b>
<u>Non-Canadian</u> (see Fig. 3)		
New England, U. S. A.	108	1.2
Mid Atlantic, U. S. A.	185	2.1
East North Central, U. S. A.	1,225	14.0
West North Central, U. S. A.	1,370	15.7
Mountain, U. S. A.	385	4.4
Pacific, U. S. A.	<b>609</b>	7.0
South Atlantic, U. S. A.	116	1.3
East South Central, U. S. A.	123	1.4
West South Central, U. S. A.	339	3.9
Alaska, U. S. A.	8	0.1
<b>Non-Canadian Total</b>	<b>4,468</b>	<b>51.1</b>
<b>GRAND TOTAL</b>	<b>8,730</b>	<b>100.0</b>



FIGURE 3: Regional distribution and numbers of residents of the United States hold<sup>i</sup> angling licenses in the Northwest Territories, 1980.



## Motivations

The tradition for fishing in the Northwest Territories is closely related to its remoteness and the nature of population movement (Table 4): in 1980, 59.4% of all resident anglers reported they had also fished in 1979, while only 32.0% of them had also fished in 1975. There was more turnover among nonresident anglers in 1980, about 20% reported they had fished in 1979, and only 9% had also fished in the Territories in 1975.

Close to 70% of the nonresident anglers reported that sportfishing was the primary reason for their travel (Table 5). Nonresident Canadians indicated that about 45% of their trips were primarily for fishing whereas other nonresidents stated that 91% of their trips were for this purpose. Another 20% reported angling as a secondary reason and the remaining 1% indicated that their angling was decided after their arrival.

About 88% of nonresident anglers indicated that they planned to return to the Northwest Territories to fish in the future (Table 6), however 59% indicated they would not come back if sportfishing was no longer available (Table 7). Over 91% of nonresident anglers rated the fishing they had experienced as good to excellent (Table 8).

Nonresident anglers tended to stay at fishing lodges (Table 9). Over 44% of nonresident Canadians and 80% of other nonresidents stayed at fishing lodges. A large percentage of Canadian nonresidents also stayed with friends or relatives, whereas the remaining nonresidents tended to stay in hotels, motels and other commercial lodging.

## Income Profile

There were marked differences in the annual household incomes among the three groups of anglers who fished in Northwest Territories in 1980 (Table 10). Most resident anglers indicated that their annual incomes were between \$10,000 and \$29,999. In contrast, a high percentage of nonresident

**TABLE 4. Fishing activity in the Northwest Territories by active anglers who held Northwest Territories angling licences in the previous five years.**

Year	Resi dent	Nonresi dent		Total
		Canadi an	Other	
No. of licences issued in 1980	6,394	4,262	4,468	15,124
No. who fished in 1980	5,636	4,033	4,376	14,045
% active	<b>88.1</b>	94.6	97.9	92.9
No. of 1980 anglers who fished in 1979	3,797	901	878	5,576
% of 1980	59.4	14.3	19.7	36.9
No. of 1980 anglers who fished in 1978	3,197	611	778	4,586
% of 1980	50.0	14.3	17.4	30.3
No. of 1980 anglers who fished in 1977	2,609	458	632	3,699
% of 1980	40.8	10.7	14.1	24.5
No. of 1980 anglers who fished in 1976	2,376	351	508	3,235
% of 1980	37.2	8.2	11.4	21.4
No. of 1980 anglers who fished in 1975	2,046	275	493	2,814
% of 1980	32.0	6.5	11.0	18.6

anglers reported their annual incomes to be above \$30,000. A significant proportion (59.6%) of non-Canadian anglers reported annual incomes in excess of **\$40,000**.

**TABLE 5. Fishing trip motivation for nonresident anglers in the Northwest Territories, 1980.**

Mot i vat ion	Canadian		Other		Tot al	
	No.	%	No.	%	No.	%
Main reason	2,032	44.8	4,861	91.3	6,893	69.9
Secondary reason	1,635	36.0	339	6.4	1,974	20.0
Decided upon after arrival	871	19.2	123	2.3	994	10.1
<b>TOTAL<sup>a</sup></b>	<b>4,538</b>	<b>100.0</b>	<b>5,323</b>	<b>100.0</b>	<b>9,861</b>	<b>100.0</b>

**TABLE 6. Projected future participation by nonresident anglers in the Northwest Territories in 1980.**

Future Fishing	Canadian		Other		Tot al	
	No.	%	No.	%	No.	%
Yes	3,636	89.5	3,782	87.1	7,418	88.2
No	428	10.5	562	12.9	990	11.8
<b>TOTAL<sup>a</sup></b>	<b>4,064</b>	<b>100.0</b>	<b>4,344</b>	<b>100.0</b>	<b>8,408</b>	<b>100.0</b>

<sup>a</sup> Tot als di ffer from the actual number of licences issued: i nformation is based on only those who answered the question.

**TABLE 7. Nonresident visit alternatives if there had been no fishing opportunities in the Northwest Territories in 1980.**

Alternative	Canadian		Other		Total	
	No.	%	No.	%	No.	%
Stayed a shorter time	382	10.2	146	3.4	528	6.6
Substituted other activities	2,047	54.7	724	16.8	2,771	34.4
Not come at all	<b>1,314</b>	35.1	3,443	79.8	4,757	59.0
<b>TOTAL<sup>a</sup></b>	<b>3,743</b>	<b>100.0</b>	<b>4,313</b>	<b>100.0</b>	<b>8,056</b>	<b>100.0</b>

**TABLE 8. Nonresident views of their fishing experiences in the Northwest Territories in 1980.**

Rating	Canadian		Other		Total	
	No.	%	No.	%	No.	%
Excellent	2,093	52.9	2,758	64.2	4,851	58.8
Very Good	886	22.4	917	21.3	1,803	21.9
Good	535	13.5	354	8.2	889	10.8
Fair	214	5.4	216	5.0	430	5.1
Poor	229	5.8	54	1.3	283	3.4
<b>TOTAL<sup>a</sup></b>	<b>3,957</b>	<b>100.0</b>	<b>4,299</b>	<b>100.0</b>	<b>8,256</b>	<b>100.0</b>

<sup>a</sup>Totals differ from the actual number of licences issued: information is based on only those who answered the question.

**TABLE 9. Type of accommodation used by nonresident anglers in the Northwest Territories in 1980.**

Accommodation	Canadian		Other		Total	
	No.	%	No.	%	No.	%
Friends & Relatives	993	23.1	85	1.9	1,078	12.1
Tent or Trailer	871	<b>20.3</b>	208	4.5	1,079	12.1
Fishing lodge or camp	1,894	<b>44.1</b>	3,675	80.0	5,569	62.7
Other commercial lodging	474	11.0	524	11.4	998	11.2
Other	<b>61</b>	1.4	100	2.2	161	1.8
<b>TOTAL<sup>a</sup></b>	<b>4,293</b>	<b>100.0</b>	<b>4,592</b>	<b>100.0</b>	<b>8,885</b>	<b>100.0</b>

<sup>a</sup>Totals differ from the actual number of licences issued: some respondents indicated more than one type of accommodation.

TABLE 10. Household income profile of anglers who fished in Northwest Territories in 1980.

Income Bracket	Resident		Nonresident	
		Canadian		Other
\$	%	%	%	%
Under 10,000	3.2	12.5	2.7	
10,000 - 19,999	18.5	20.5	5.8	
20,000 - 29,999	37.3	21.6	16.7	
30,000 - 39,999	23.8	19.0	15.2	
Over 40,000	17.2	26.4	59.6	
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	

### ANGLER FISHING EFFORT AND HARVEST

#### Fishing Effort

Anglers fished an estimated 183,296 days in 1980 (Table 12), an increase of 7.5% from the 106,275 angler days reported for 1975 (Appendix A, Table A4). In all, about 94% of the angling took place during the five month period May to September. July was the most popular month for both residents and nonresidents. Residents who accounted for 59% of all angling activity, fished an average of 19.2 days, whereas nonresidents averaged 8.8 days. No estimate of effort could be made for anglers under 16 years of age.

**TABLE 11. Numbers of angler-days expended by licensed anglers in the Northwest Territories in each month, 1980.**

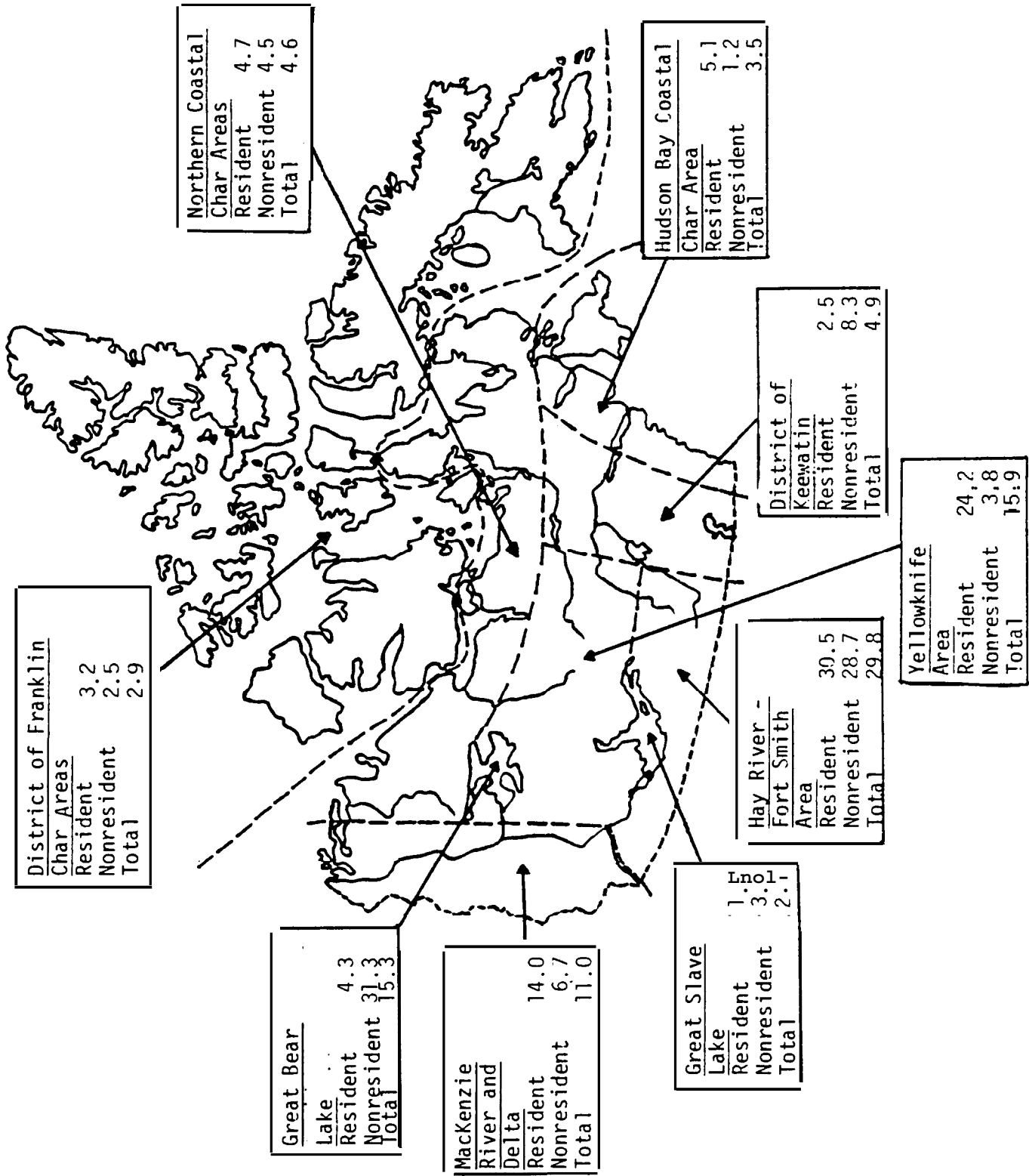
Month	Resident	Nonresident		Total
		Canadian	Other	
January	642	0	0	642
February	1,044	0	0	1,044
March	1,864	92	0	1,956
April	2,879	169	0	3,048
May	9,133	1,050	16	10,199
June	21,555	6,645	2,690	30,890
July	29,488	19,150	13,416	62,054
August	26,398	16,243	11,557	54,198
September	11,816	2,540	1,178	15,534
October	1,915	169	0	2,084
November	863	15	0	878
December	683	0	86	769
<b>ANNUAL TOTAL</b>	<b>108,280</b>	<b>46,073</b>	<b>28,943</b>	<b>183,296</b>
<b>Average/angler</b>	19.2	11.4	6.6	13.1

**Fishing Areas**

The Great Bear, Great Slave and Hay River - Ft. Smith areas of the Northwest Territories were the prime attractions for nonresident anglers with 73% of their angling effort occurring there (Figure 4). Most residents fished in the southern part of the Territories in the areas surrounding Great Slave Lake. Over 66% of their fishing activities occurred there.



FIGURE 4: Percentage of angler-days expended by anglers in each fishing area of the Northwest Territories in 1980



**TABLE 12. Number of areas fished by anglers in the Northwest Territories, 1980.**

	Resident	Nonresident	
		Canadian	Other
	%	%	%
Fished one area only	77.1	86.4	83.1
Fished two areas	19.7	11.7"	16.5
Fished three areas	2.5	1.1	0.4
Fished four areas	0.7	0.4	0
Fished five areas		0.4	
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

In general, most resident anglers fished in only one area (Table 13) and that area tended to be the place where they lived (Table 14). Residents of the Great Slave area, for example, spent about 64% of their angler days there and 36% in other areas. Residents fished in up to four areas whereas nonresidents fished in a maximum of five.

Residents fishing outside the Territories fished primarily in British Columbia and Alberta in 1980 (Figure 2). Residents fished in all provinces and the Yukon in 1980. Only slightly over 200 indicated that they fished outside of Canada in 1980.

TABLE 13. Fishing effort expended by resident anglers from each area of the  
in each area in 1980.

Area of Residence	Area Fished									Total
	Great Slave	Great Bear	Mackenzie River	Hay River Ft. Smith	Yellowknife	North Coast	Keewatin	Hudson Bay	Franklin	
Great Slave	64.3	4.7	0	22.9	8.1	0	0	0	0	100.0
Great Bear	0	98.6	0.7	0	0.7	0	0	0	0	100.0
Mackenzie River	0.7	0.5	91.9	1.7	1.9	1.4	0	0	1.9	100.0
Hay River-Ft. Smith	9.4	1.7	2.0	82.5	3.8	0	0	0	0.6	100.0
Yellowknife	20.09	0.1	1.6	2.2	70.3	3.1	0.7	0	2.0	100.0
North Coast	0	0	0	1.8	0	96.8	0	0.7	0.7	100.0
Keewatin	0	0	0	1.3	1.3	1.3	92.9	3.2	0	100.0
Hudson Bay	0	0	0	0	1.2	0.2	5.1	93.5	0	100.0
Franklin	0	0	0	0	1.7	0	0	0	98.3	100.0

## Harvest

In 1980, anglers caught an estimated 821,000 fish of all species (Table 16), of which they retained 228,600 (Table 17), weighing about 342,500 kilograms (Table 18). Resident anglers kept over 60% of their catches, whereas nonresident Canadians kept 17% and other nonresidents kept 9%. The number kept in 1980 represented an increase of 35% over that reported in 1975 (Appendix A, Table A5).

The total harvest of fish in the Northwest Territories is considerably greater than the 228,000 indicated because it does not include fish taken by anglers under 16 years of age. Underage anglers comprise 14% of the estimated total anglers and their harvest would substantially increase the total harvest. There is, however, no way of estimating this harvest from available data.

Northern pike, lake trout and arctic grayling, comprised 66% of the harvest while arctic char and walleye accounted for another 27% (Table 17). Resident anglers caught 70% of the fish harvested by licensed anglers. There were increased harvests of all major species over 1975 which contributed to the larger harvest in 1980.

In 1980, the average catch per angler-day for all species by resident anglers was close to 1.5 whereas nonresident catches per angler day were between 0.8 and 1.1 (Table 19). Overall, the two top species (pike, and lake trout) provided somewhat more than 0.3 fish of each species per angler-day. There was considerable variation within these averages. For example, the average catch of pike to residents was 0.43 fish per angler-day, but was about 0.13 fish to Canadian anglers and half this to other anglers. The average catch of all species per angler-day in 1980 was much lower than that reported in 1975 (Appendix A, Table A5).

**TABLE 14. Numbers of fish caught by licensed anglers in the Northwest Territories, 1980.**

Species	Resident	Nonresident		Total
		Canadian	Other	
Lake trout	43,198	119,964	167,929	331,091
Northern pike	102,912	42,391	84,525	229,828
Arctic grayling	29,946	46,638	64,404	140,988
Walleye	38,811	5,062	12,948	56,821
Arctic char	24,605	5,240	9,338	39,183
Other species	20,595	1,084	1,832	23,511
<b>ALL SPECIES</b>	<b>260,067</b>	<b>220,379</b>	<b>340,976</b>	<b>821,422</b>

**TABLE 15. Numbers of fish retained by licensed anglers in the Northwest Territories, 1980.**

Species	Resident	Nonresident		Total
		Canadian	Other	
Northern pike	46,200	5,983	5,789	57,972
Lake trout	27,148	15,725	13,720	56,593
Arctic grayling	18,945	9,080	7,125	35,150
Walleye	28,129	3,282	2,320	33,731
Arctic char	22,727	2,490	2,145	27,362
Other species	16,724	550	468	17,742
<b>ALL SPECIES</b>	<b>159,873</b>	<b>37,110</b>	<b>31,567</b>	<b>228,550</b>

**TABLE 16.** The average numbers of fish retained per angler-day in Northwest Territories in 1980.

Species	Resident	Nonresident		Total
		Canadian	Other	
Northern pike	0.43	0.13	0.20	0.32
Lake trout	0.25	0.34	0.47	0.31
Arctic grayling	0.17	0.20	0.25	0.19
Walleye	0.26	0.07	0.08	0.18
Arctic char	0.21	0.05	0.07	0.15
Other species	0.15	0.01	0.02	0.10
<b>ALL SPECIES</b>	<b>1.48</b>	<b>0.81</b>	<b>1.09</b>	<b>1.25</b>

**TABLE 17.** The average numbers of fish retained during the season in the Northwest Territories in 1980.

Species	Resident	Nonresident		Total
		Canadian	Other	
Northern pike	8.2	1.5	1.3	4.1
Lake trout	4.8	3.9	3.1	4.0
Arctic grayling	3.4	2.3	1.6	2.5
Walleye	5.0	0.8	0.5	2.4
Arctic char	4.0	0.6	0.5	1.9
Other species	3.0	0.1	0.1	1.3
<b>ALL SPECIES</b>	<b>28.4</b>	<b>9.2</b>	<b>7.2</b>	<b>16.3</b>

On average, each angler over 15 years of age caught and retained 16 fish in 1980 (Table 20). Each resident angler kept 28 fish; nonresident Canadians kept 9; and, other nonresidents kept 7 fish.

**Preferences**

Arctic **grayling** and walleye were most preferred by resident anglers in while lake trout and arctic **grayling** were the top preferences of nonresident anglers (Table 22). Trout were third in importance for resident anglers whereas arctic char was third in importance to Canadian nonresident anglers; northern pike for other nonresidents. Although residents preferred arctic **grayling**, they actually harvested more pike (Table 17). For nonresident anglers: they preferred lake trout (Table 22) which accounted for the largest part of the nonresident harvest.

**TABLE 18.** Species preferred by anglers in the Northwest Territories, 1980.

Species Preference	Nonresident		
	Resident	Canadian	Other
1.	Arctic <b>grayling</b>	Lake trout	Lake trout
2.	Walleye	Arctic <b>grayling</b>	Arctic <b>grayling</b>
3.	Trout (general)	Arctic char	Northern pike
4.	Lake trout	Northern pike	Arctic char
5.	Northern pike	Walleye	Walleye
6.	Arctic char	Trout (general)	Trout (general)
7.	Lake whitefish	Rainbow trout	Rainbow trout

**Consumption**

In 1980, anglers kept close to 342,500 kilograms of fish (Tables 18 and 23). Anglers indicated that they ate over 294,000 kg of the fish they caught. About 80% of the catch was consumed by the anglers' households, about 12% was given to others, and 8% was used in other ways, particularly taxidermy for nonresident angler trophy catches.

**TABLE 19. Disposition of fish caught by anglers in the Northwest Territories in 1980.**

	Resident	Nonresident		Total
		Canadian	Other	
Total fish weight (kg)	201,039	66,188	75,231	342,458
% eaten	83.6	79.2	68.9	79.5
% given away	12.4	12.9	11.2	12.2
% other uses	<b>4.0</b>	<b>7.9</b>	<b>19.9</b>	<b>8.3</b>
Weight eaten (kg)	190,435	51,316	52,522	294,273

**ANGLER EXPENDITURES AND INVESTMENTS**

**Expenditures**

Anglers spent \$9.8 million on activities directly associated with sportfishing in 1980 (Table 20). Resident anglers spent \$1.6 million, or \$278 per angler; nonresident Canadians spent \$1.9 million within the province, or \$478 per angler; and other nonresidents spent \$6.3 million or \$1,439 per angler. Overall, anglers doubled their expenditures for sportfishing in 1980 over 1975 (Appendix A, Table A6). Average expenditures per angler increased 63% to \$697. Expenditures by resident anglers were 80% greater and nonresident expenditures were 105% greater in 1980 than in 1975.



**TABLE 20. Direct expenditures by anglers in the Northwest Territories in 1980.**

Expenditure Category	Nonresident			Total
	Resident	Canadian	Other	
	\$	\$	\$	\$
Package deals	177,067	1,041,898	5,243,221	6,462,186
Lodging	41,164	157,046	181,705	379,915
Campsite fees	10,603	4,989	1,650	17,242
Food	272,377	150,495	119,932	542,804
Travel costs	491,066	275,182	213,868	980,116
Boat rentals	14,034	15,787	8,279	38,100
Fishing supplies	290,742	73,653	86,433	450,828
Bait	5,116	2,096	5,190	12,402
Household boat	196,222	11,444	3,927	211,593
Guide services	1,539	12,206	87,667	101,412
Fishing licences	23,136	14,996	28,078	66,210
Taxidermy	32,142	41,145	117,474	190,761
Other	9,664	125,759	199,587	335,010
<b>TOTAL</b>	<b>1,564,872</b>	<b>1,926,696</b>	<b>6,297,011</b>	<b>9,788,579</b>
Average	277.66	477.73	1,438.99	696.94

Costs of travel and food accounted for 73% of the annual expenditures by resident anglers (Table 20). These items represented 86% of nonresident expenses, and include costs incurred under the heading of "package trips" which are a major attraction to nonresident anglers.

Stays at fishing lodges were the most popular among "package trips" comprising 91% of the total expenditures on such "trips" (Table 21).

Nonresident anglers utilized package trips more than residents, spending \$6.3 million, or 97% of the total.

**TABLE 21. Costs to anglers' households of 'package trips' to the Northwest Territories in 1980.**

Type	Resident	Nonresident		Total
		Canadian	Other	
Lodge	84,375	817,974	4,984,979	5,887,328
Outfitter	7,166	124,627	176,987	308,780
Other services	85,526	99,297	81,255	266,078
<b>TOTAL</b>	<b>177,067</b>	<b>1,041,898</b>	<b>5,243,221</b>	<b>6,462,186</b>

**Investments**

Anglers invested \$3.0 million in 1980 on major durables and property used in whole or in part for sportfishing (Table 26). Almost all of the major purchases were made by residents, with boating equipment and special vehicles comprising 83% of the outlay.

The amount invested by anglers on major durables and property was about 48% greater in 1980 than in 1975 (Appendix A, Table A7). Although the totals were similar there were major differences in the items comprising them. For example, the large increases in investments for nearly all items in 1980, were only offset slightly by the very large decreases in investment for campers and related equipment.

Anglers were asked to indicate the relative amount of time each of their investments was used for sportfishing in 1980. Some items, such as fishing gear, were wholly attributable to sportfishing, whereas others, such as boats, were only partly used for this. Overall, anglers indicated that about \$1.6 million, or 53% of the \$3.0 million invested was used for sportfishing purposes (Table 26).

**TABLE 22. Major angler purchases and investments attributable in whole or in part to angling within the Northwest Territories in 1980.**

Expenditure Category	Resident	Nonresident		Total
		Canadian	Other	
	\$	\$	\$	\$
Boats, motors and related equipment	1,482,296	59,500	10,785	1,552,581
Special vehicles	922,782	0	0	922,782
Cottages and land	188,329	0	34,627	222,956
Campers and related equipment	210,552	7,638	1,367	219,557
Fishing gear	46,462	9,028	6,919	62,409
Other items	51,139	16,009	0	67,148
<b>TOTAL</b>	<b>2,901,560</b>	<b>92,175</b>	<b>53,698</b>	<b>3,047,433</b>
Proportion allocated to sportfishing (%)	51.9	60.7	98.1	53.0
Total dollars invested in fishing	1,505,832	55,910	52,659	1,614,311
Average/angler	414.83	22.86	12.27	216.98

**Boat Ownership and Use**

Resident anglers owned 2,768 boats in 1980 with a market value of \$6.0 million (Table 27). Almost one-half of them were outboards, which were used about 48% of the time for fishing (Table 28). There were 963 more boats in the Northwest Territories in 1980 than in 1975 (Appendix A, Table A8). The total value of all boats was about \$4 million more in 1980 than in 1975, an increase of almost 200%. In general, boats were used less for fishing and more for recreation in 1980 than in 1975.

**TABLE 23. Resident angler boat ownership information, Northwest Territories, 1980.**

Boat Type	Number		1980 Market Value		Average Value
		%	\$	%	\$
Canoe	921	33.3	722,920	12.0	785
Rowboat	151	5.5	106,748	1.8	707
Outboard	1,332	48.1	3,310,751	54.9	2,486
Sailboat	69	2.5	495,780	8.2	7,185
Inboard-outboard	75	2.7	904,898	15.0	12,065
Inboard	18	0.7	257,230	4.3	14,291
Other	202	7.3	236,218	3.9	1,169
<b>TOTAL</b>	<b>2,768</b>	<b>100.0</b>	<b>6,034,545</b>	<b>100.0</b>	

TABLE 24. Use of boats by resident anglers in Northwest Territories, 1980.

Boat Type	Days All Recreation	Days Fishing	Fishing as a proportion of Recreation Days
			%
Canoe	15,682	7,062	45.0
Rowboat	2,421	1,539	63.6
Outboard	32,132	15,437	48.0
Sailboat	1,443	80	5.5
Inboard-outboard	3,017	1,335	44.2
Inboard	968	502	51.9
Other	3,226	936	29.0
<b>TOTAL</b>	<b>58,889</b>	<b>26,891</b>	<b>45.7</b>

**ANGLER COMMENTS**

Both resident and nonresident anglers tended to make generally positive comments regarding the Northwest Territories sport fishery. For both groups, positive comments about Canada and the quality of fishing were ranked at the top of the comments. They also gave praise to the condition of camp grounds and the quality of water in the Territories.

There were however, marked differences in their comments regarding regulations and enforcement. While a small number of nonresidents mentioned complaints about regulations, this was the third ranked comment for residents. Coupled with this, additional comments on overfishing as well as enforcement problems ranked quite high. Residents also felt that access to the fishing areas should be improved and a small number felt that fishing in the Territories was too expensive.

The top six comments made by nonresidents **centred** on cleanliness and quality of fishing in the Northwest Territories. Ranking behind these were complaints regarding limits and regulations. Both residents and nonresidents alike expressed a desire to see limits increased. This, however, was ranked far behind other comments as a major concern for anglers.

Table 25 provides the ten top comments given by resident and nonresident anglers in the Northwest Territories.

TABLE 25. Frequently identified comments and concerns, 1980.

	Resident	Nonresident Canadian	Nonresident Other
1.	Canada Positive	1. NWT People Friendly	1. NWT People Friendly
2.	Fishing Good	2. Canada Positive	2. Fishing Good
3.	Complaints About Regulations	3. Fishing Good	3. Canada Positive
4.	Improve Access, Roads	4. Water Is Clear	4. Camp Excellent
5.	Enforce Regulations	5. Parks, Campsites, Clean	5. Water is Clean
6.	Water - Clean	6. Camps Excellent	6. Parks, Campsites Clean
7.	Raise Limits	7. Complaints About Regulations	7. Complaints About Regulations
8.	Fishing too Costly	8. Cleanliness - Positive	8. Raise Limits
9.	Parks, Campsites Clean	9. Raise Limits	9. Cleanliness Positive
10.	Overfishing Evident	10. Fishing Poor	10. Fishing Poor

## SUMMARY

The results of the 1980 survey of **sportfishing** in the Northwest Territories confirm that it is an important economic component of the natural resource sector in the province. Four measures of that component are reported herein. First, it is estimated that anglers spent \$9.8 million on activities directly associated with fishing. These were monies spent on accommodation, food, travel, bait, licences, etc. Second, anglers invested \$3.0 million on major **durables** and property of which \$1.6 million was used for **sportfishing**. In all, anglers spent and invested over \$12.8 million in 1980, of which \$11.4 million was wholly attributable to **sportfishing** within Northwest Territories. In most other reports on **sportfishing**, both annual expenditures and angler investments are lumped together and called "gross" expenditures. The two are separated herein so the importance of each within the economy can be better understood and assessed.

Economists generally agree that the first round of expenditures in most segments of the business world do not adequately reflect the full impact of spending such as described above. As the money circulates into associated businesses, the economic effect increases by a factor of 1.5 or greater. On this basis, the direct economic impact of **sportfishing** within the Northwest Territories economy was about \$17 million in 1980.

The third measure, boat ownership and use, provides further light on angler investments. Resident anglers reported they owned almost 2,800 boats with a 1980 market value of \$6.0 million. These were used 46% of the time for **sportfishing**. This means that anglers "allocated" \$2.7 million of their investment in boats for **sportfishing** in 1980.

The fourth measure concerns the fishing effort and harvest. Overall, there have been major changes in angling activities within Northwest Territories since 1975. The total number of licensed anglers increased 33% to 15,124 and the number who fished was about 3,400 more than in 1975. The number of days fished increased by about 73% to over 183,000 days while the total harvest increased by over 35% to 228,550 fish.



In conclusion, the 1980 survey indicated that angling in Northwest Territories constituted a fishery of major proportions. More than 18,000 anglers fished, and of these, more than 7,400 were residents of Northwest Territories. This means that almost one Northwest Territories resident in six fished in 1980. Anglers fished a total of 183,200 days, or about 13 days per person in 1980, and they harvested over 228,000 of all species weighing over 342,000 kilograms, or 754,000 pounds.

APPENDIX A

COMPARISON OF RESULTS OF 1975 AND 1980 SURVEYS

TABLE A1. Comparison of the number and characteristics of anglers who fished in the Northwest Territories in 1975 and 1980.

Characteristics	Resident		Nonresident		Total	
	1975	1980 % change	1975	1980 % change	1975	1980 % change
Angler Population Licensed	4,851	+31.8	6,524	+33.8	3,335	+31.1
Estimated Nonactive Anglers	492	+54.1	207	+55.1	700	+54.0
Estimated Active Anglers	4,359	+29.3	6,317	+33.1	9,675	+31.6
Male	3,557	+5.5	5,634	+32.8	9,221	+26.8
Female	802	+90.4	652	+35.3	1,454	+65.7
Estimated Anglers Under 16 Years of Age	1,322	+37.4	650	-5.8	1,972	+68.3
Total Estimated Active Anglers of all Ages	5,681	+31.2	6,967	+28.5	12,648	+13.9

TABLE A2. Comparison of angler-days expended per month by anglers in the Northwest Territories, 1975 and 1980.

Month/Season	Resident		Nonresident		Total	
	1975	1980	1975	1980	1975	1980
January	147	642	-	-	147	642
February	351	1,044	-	-	351	1,044
March	646	1,864	-	92	646	1,956
April	683	2,879	249	169	932	3,048
May	4,507	9,133	1,000	1,066	5,507	10,199
June	2,683	21,555	6,006	9,335	18,689	38,890
July	20,812	29,488	17,616	32,566	38,428	62,054
August	16,635	26,398	12,296	27,800	38,931	54,198
September	6,407	11,816	3,960	3,718	10,367	15,534
October	1,632	1,915	67	169	1,699	2,084
November	386	863	19	15	405	878
December	111	683	62	86	173	769
<b>YEAR</b>	<b>65,000</b>	<b>108,280</b>	<b>41,275</b>	<b>75,016</b>	<b>106,275</b>	<b>183,296</b>
<b>Average per active angler</b>	<b>14.9</b>	<b>19.2</b>	<b>6.5</b>	<b>8.9</b>	<b>10.0</b>	<b>13.0</b>

% change

+336.7

+197.4

+188.5

+321.5

+151.4

+69.9

+41.7

+58.7

+84.4

+17.3

+123.5

+515.3

-

-

-

-32.1

+6.6

+55.4

+84.9

+126.1

-6.1

+152.2

-21.1

+38.7

+336.7

+197.4

+202.2

+227.0

+85.2

+65.3

+61.4

+39.2

+49.8

+22.7

+116.8

+344.5

+81.7

+66.6

+14.9

+19.2

+6.5

+8.9

+10.0

+13.0

**TABLE A3. Comparison of the number of fish caught and retained by licensed anglers in the Northwest Territories 1975 and 1980.**

Species	Resident			Nonresident			Total		
	1975	1980	% change	1975	1980	% change	1975	1980	% change
Lake Trout	23,802	27,148	+14.1	23,409	29,445	+25.8	47,211	56,593	+19.8
Northern Pike	26,640	46,200	+73.4	16,991	11,772	-30.7	43,631	57,972	+32.8
Arctic Grayling	18,709	18,945	+1.6	12,010	16,205	+34.9	30,719	35,500	+14.4
Walleye	14,193	28,290	+98.2	8,310	5,602	-31.0	22,324	33,731	+51.0
Whitefish	8,021	NA	-	800	NA	-	8,821	NA	-
Arctic Char	6,198	22,727	+266.8	2,529	4,635	+83.3	8,727	27,362	+213.5
Other	6,802	16,724	+145.9	611	1018	66.6	7,413	17,712	+138.9
<b>TOTAL SPECIES</b>	<b>104,365</b>	<b>159,873</b>	<b>+52.9</b>	<b>64,481</b>	<b>68,677</b>	<b>+6.5</b>	<b>168,846</b>	<b>228,550</b>	<b>+35.4</b>
Aver/angler	23.9	28.3	+18.4	10.2	8.1	-20.6	15.8	16.3	+3.2
Aver/angler day	1.6	1.5	-0.6	1.6	.9	-43.7	1.6	1.2	-25.0

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TABLE A4. Comparison of direct expenditures made by active anglers in the Northwest Territories, 1975<sup>a</sup> and 1980.

Expenditure Category	Resident		Nonresident		Total	
	1975	1980	1975	1980	1975	1980
	\$	\$	\$	\$	\$	\$
Package Deals	38,036	177,067	2,446,767	6,285,119	2,478,803	6,462,186
Food and Lodging	200,179	324,144	359,514	615,817	559,693	939,961
Transportation	323,203	687,288	871,035	504,421	1,94,238	1,191,709
Fishing Services	20,611	851	897	325,632	21,558	396,483
Fishing Gear	262,854	295,858	154,393	167,372	417,247	463,230
Other	22,162	9,664	79,002	325,346	101,164	335,000
<b>TOTAL</b>	<b>867,045</b>	<b>1,564,872</b>	<b>4,005,658</b>	<b>8,223,707</b>	<b>4,872,703</b>	<b>9,788,579</b>

<sup>a</sup> Due to major changes in expenditures, patterns for both residents and nonresidents, no percentage changes are presented.

TABLE A5. Comparison of major angler purchases and investments attributable in whole or in part to angling within the Northwest Territories, 1975 and 1980<sup>a</sup>.

Species	Resident		Nonresident		Total	
	1975	1980	1975	1980	1975	1980
	\$	\$	\$	\$	\$	\$
Fishing Gear	31,900	46,462	200	15,947	32,000	62,409
Boats, Motors and Related Equipment	478,100	1,482,298	0	0.285	478,100	70,285
Campers and Related Equipment	454,500	20,552	2,900	9,005	457,400	219,557
Special Vehicles	0	922,782	0	0	0	922,782
Cottages and Land	0	188,329	0	34,627	0	222,956
Other Items	20,400	51,139	0	16,009	20,400	67,488
<b>TOTAL</b>	<b>1,084,900</b>	<b>2,901,560</b>	<b>3,100</b>	<b>145,873</b>	<b>1,088,000</b>	<b>3,047,433</b>
	248.89	514.83	0.49	17.35	101.91	216.98

TABLE A6. Comparison of boating characteristics, 1975-80, for residents of Northwest Territories who held 1980 angling licences.

	1975-80	1980	% h
Number	1,805	2768	+53.4
Market Value (\$)	2,037,550	6,034,545	+196.2
Days Recreation	31,478	58,889	+86.2
Days Fishing	18,367	26,891	46.1
Fishing as a % of Recreation	58.3	45.7	-21.0



APPENDIX B

METHODOLOGY

## METHODOLOGY

The 1980 survey of **sportfishing** was the second survey carried out by the federal Department of Fisheries and Oceans. The survey formed part of the quinquennial surveys of **sportfishing** in Canada which began in 1975 and cover all jurisdictions in Canada. Due to the varying nature of licensing regulations across Canada, the methodology used was developed on the basis of regulations in the jurisdiction under study. The purpose of this section is to describe the approach used in the Northwest Territories.

### I. SAMPLING METHODOLOGY

All anglers in the Northwest Territories 16 years of age and older, require an angling **licence**. Records for 1980 **licence** sales were used as the frame for selecting the required sample. Although the receipts for all **licence** sold had not been received by December, 1980, it was agreed that there were sufficient returns in each category (approximately 80-85%) to allow for a representative sample of anglers for the survey.

The licensing files were stratified by **licence-type** and origin. For each stratum, a systematic random sample of **licence** holders was drawn resulting in a total of 2,000 prospective respondents.

### II. MAILING

All mailing operations were handled by the staff of the Fisheries Division. Questionnaires, covering letters and postage-paid return envelopes were mailed during the second week of January, 1981. Two follow-up mailings to nonrespondents were conducted after six and twelve weeks from the original mailing. Questionnaires returned by April 30, 1981 were used in the analysis of the survey. The useable return rate from three mailings for residents was 52% and for nonresident anglers was 86%.

### III. CODING, EDITING AND DATA CAPTURE

These operations were conducted by staff hired by the Department of Fisheries and Oceans in Ottawa. Particular emphasis was placed on the quality of the information received and the degree of substitution found. Any questionnaires which were inconsistent, incomplete or answered by someone other than the person named on the questionnaire were discarded as **unuseable**. Questionnaires were key-punched and verified by staff at Dominion Computer Support Services.

### IV. DATA PROCESSING AND ESTIMATION PROCEDURES

All data processing was performed by staff of the Surveys Unit, Department of Fisheries and Oceans, Ottawa. There were a number of distinct procedures used to derive the estimates contained in this report and each is described below. Where necessary, cautionary notes concerning use of specific data are included. All data processing was performed using the Statistical Package for the Social Sciences (SPSS) Version 9.0.

#### A. Editing and Updating

**After receipt** of the tape containing the raw data, an SPSS system file was created. These data were then edited to assess keypunch errors, inconsistencies and improper coding. All errors were corrected and a new file created.

Included in the update procedure was the creation of aggregated data on each questionnaire in order to provide estimates of activity patterns, area estimates and totals as requested by the Territories.

#### B. Weighting

Two weighting procedures were used to develop estimates for this report.

First, all estimates for angler profiles, activity, harvest, preferences and other angler-related data were produced by calculating a respondent weight in each stratum. The stratum weights were developed using an inverse proportional weighting procedure, that is, each stratum population was divided by the appropriate stratum sample. No adjustments were made for

nonresponses. Although biases may be present, no significant differences were found when comparing the results of individual mailings on such variable as average effort and average expenditures.

Second, estimates of investment, direct expenditures, income and activity of unlicensed anglers were derived using household weights. These weights were calculated by dividing the respondent weights by the number of licensed anglers in the household. The number of licensed anglers was determined from responses given in the household profile question.

**c. Treatment of Partial Responses**


Where possible, stratum averages were used to adjust for partial responses in order to obtain population estimates. In the case of residents, substitution of cell averages was further based on their region of residence. Although it is recognized that some error may be incurred using this procedure, the number of cases requiring such substitution was less 0.5%.

**v. RELIABILITY**

Although no estimates of reliability are provided in this report, coefficients of variation of the mean were calculated for such variables as angler effort, harvest and expenditures. At the territorial level, the coefficients calculated were less than 8% at one standard deviation indicating a high degree of reliability. Estimates at area levels had higher coefficients of variation and judgement of their usefulness is left to the reader.

**APPENDIX C**

**QUESTIONNAIRES USED  
IN 1980**



# SURVEY OF SPORT FISHING 4980



Government of Canada  
Fisheries and Oceans

Gouvernement du Canada  
Pêches et Océans



Northwest  
Territories Renewable Resources

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**SECTION A**  
**YOUR PERSONAL FISHING ACTIVITIES**

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1. Did you fish for sport in the Northwest Territories in 1980? (Include ice fishing)

Yes \_\_\_\_\_ No \_\_\_\_\_. If NO, please go to question 5, page 12.

2. Would you please indicate the number of days you spent fishing each month in the Northwest Territories in 1980. A "day" is all or any part of a day fished.

Jan. _____	April _____	July _____	Oct. _____
Feb. _____	May _____	Aug. _____	Nov. _____
Mar. _____	June _____	Sept. _____	Dec. _____

3. Did you catch any fish in the Northwest Territories in 1980?

Yes \_\_\_\_\_ No \_\_\_\_\_

If YES, please indicate below:

(a) the number of each species you caught and kept in 1980 in the Northwest Territories. Please add more species names as required.

<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic <b>grayling</b>	_____	_____
Arctic char	_____	_____
<b>Inconnu</b>	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

(b) please estimate the total weight of the fish you kept. \_\_\_\_\_ lbs.

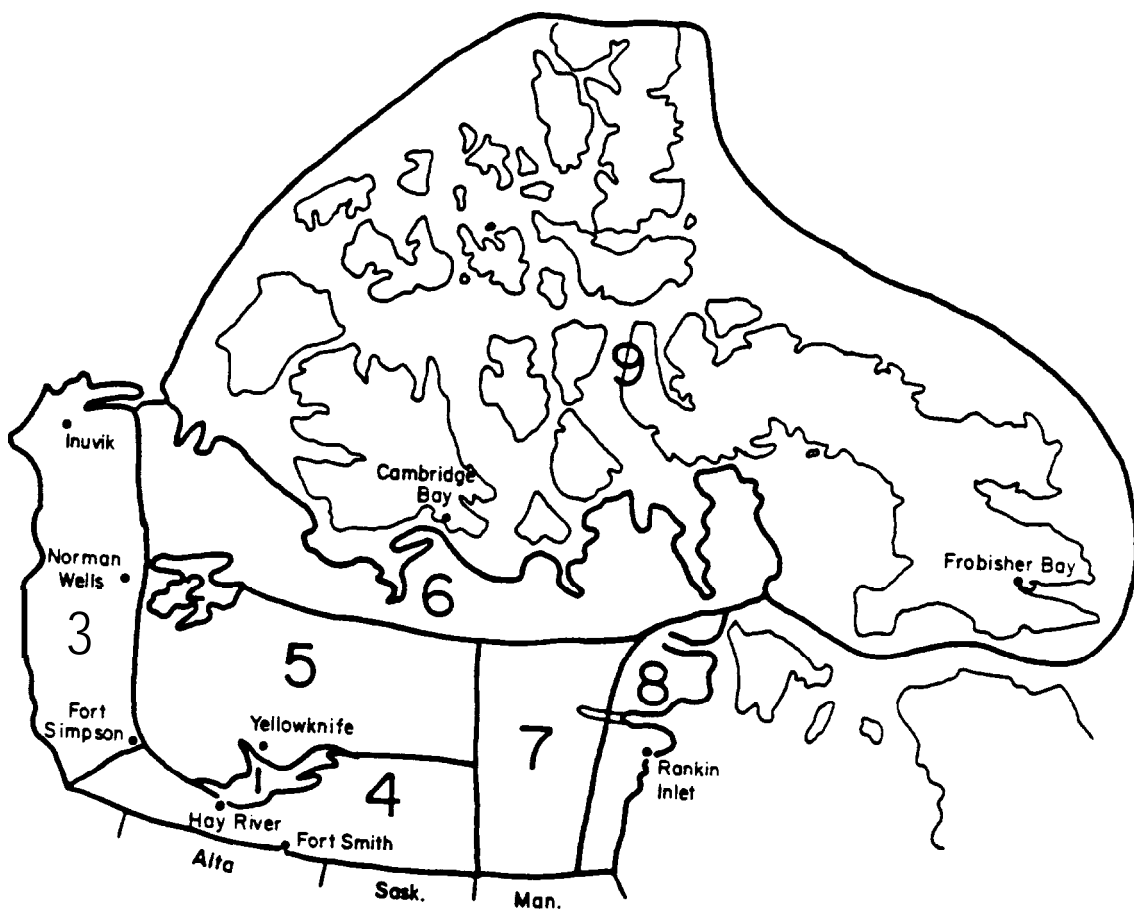
(c) what percentage of the above was:

eaten by your household	_____	%
given to others	_____	%
other uses	_____	%

4. We would like to know more about where you fished and what you caught in the different regions of the Northwest Territories. The map below divides the Territories into 9 geographical regions. For those regions in which you fished, please turn to more detailed maps (one for each region) on the following pages and provide as much information as you can remember about your fishing experiences.

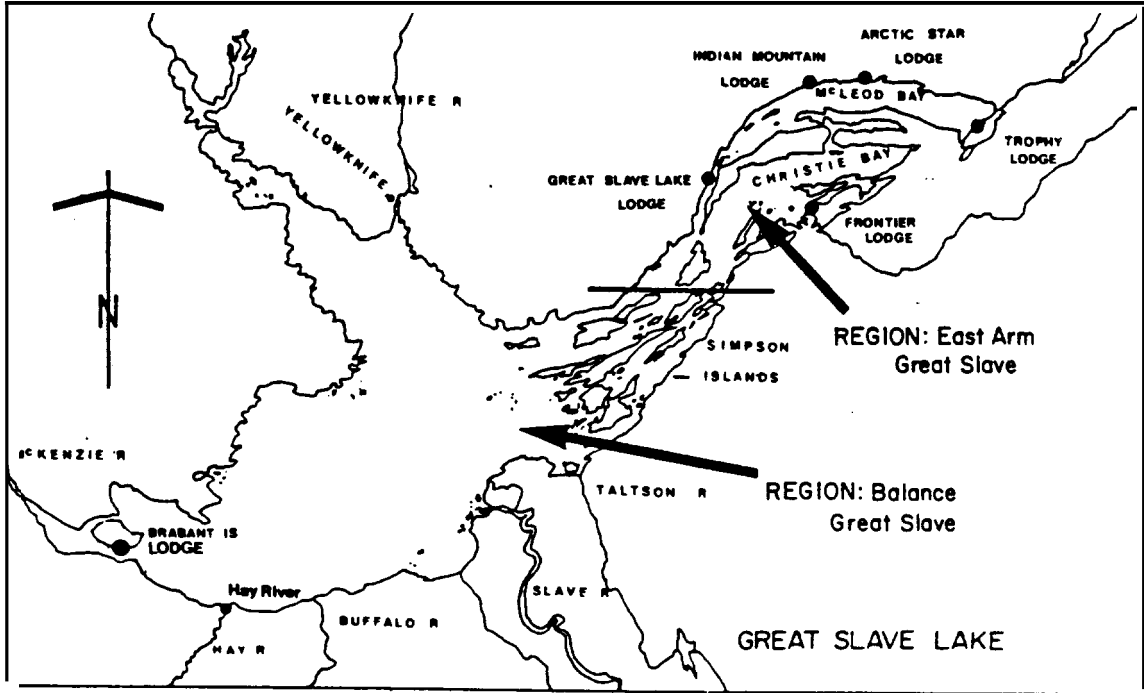
The regions of interest are:

- |                                |                                   |
|--------------------------------|-----------------------------------|
| 1 Great Slave Lake (lake only) | 6 Northern coastal Char areas     |
| 2 Great Bear Lake (lake only)  | 7 District of Keewatin (inland)   |
| 3 Mackenzie River and Delta    | 8 Hudson Bay coastal Char area    |
| 4 Hay River - Fort Smith area  | 9 District of Franklin Char areas |
| 5 Yellowknife area             |                                   |





Area 1: Great Slave Lake



4a) Please indicate the days fished, the number caught and kept for each species on Great Slave Lake proper.

Region: East Arm Great Slave Lake

Days fished in 1980: \_\_\_\_\_

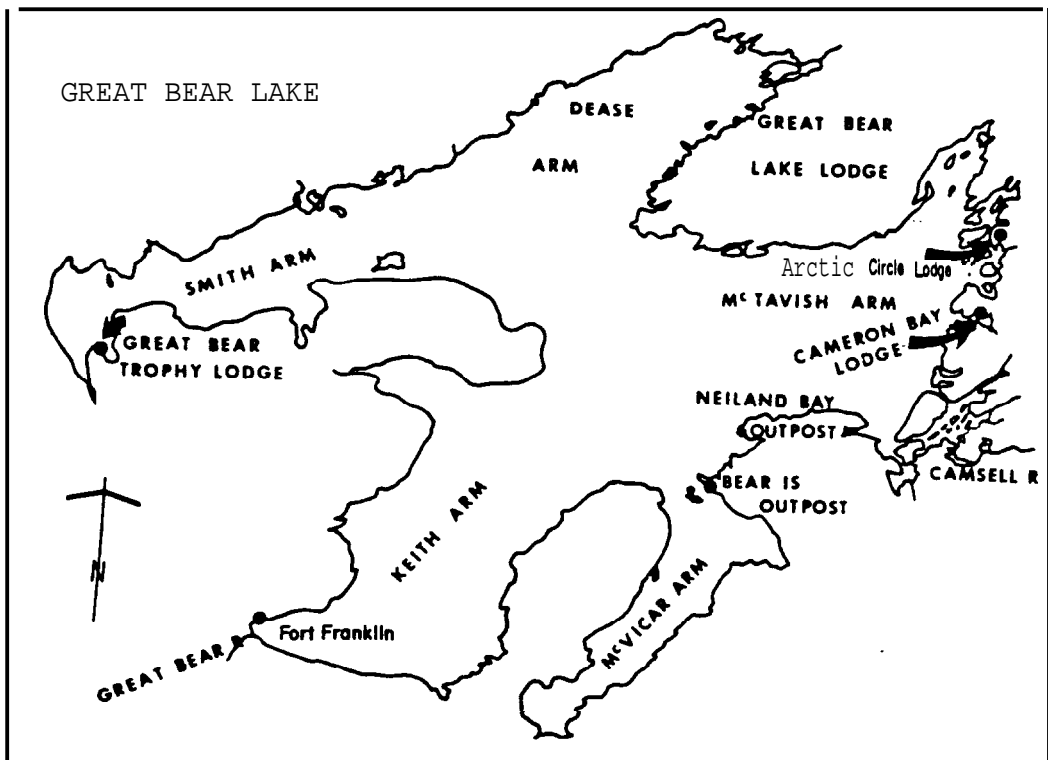
<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

Region: Balance Great Slave Lake

Days fished in 1980: \_\_\_\_\_

<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

Area 2: Great Bear Lake



4b) Please indicate the days fished, the number caught and kept for each species on Great Bear Lake proper.

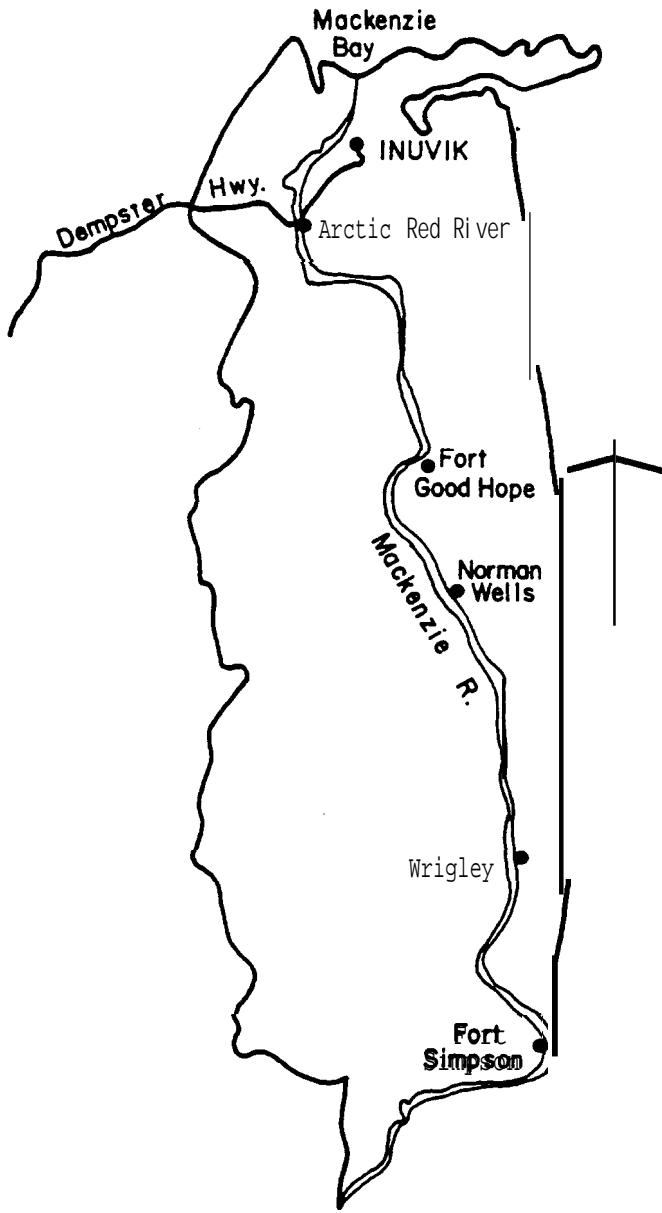
Area 2: Great Bear Lake

Days fished in 1980: \_\_\_\_\_

<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

Area 3: Mackenzie River and Delta

4C) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.



Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

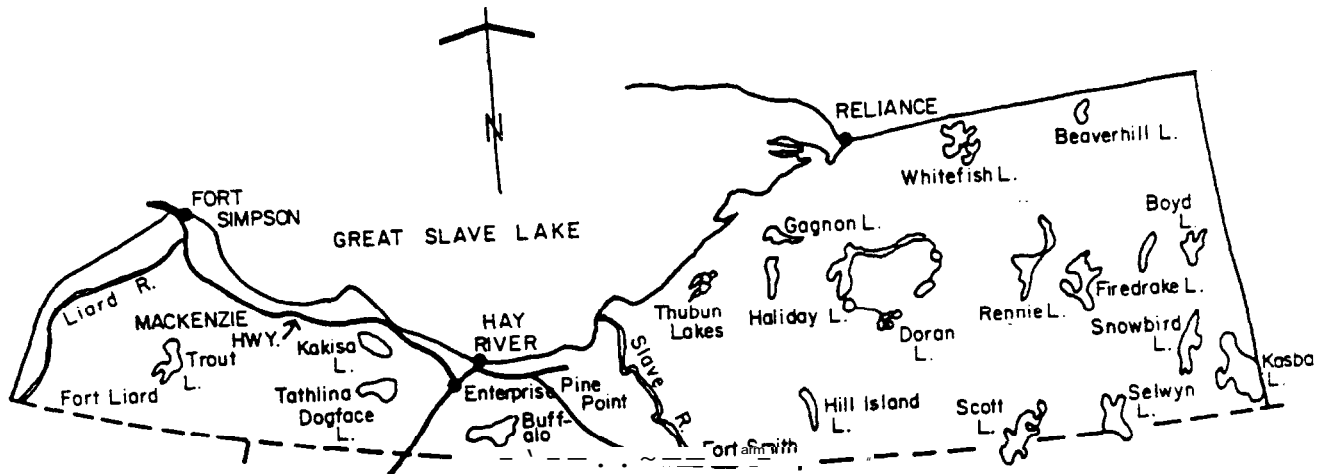
Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Area 4: Hay River-Fort Smith



4d) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Area 5: Yellowknife Area



4e) Please provide the names of the waters fished, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

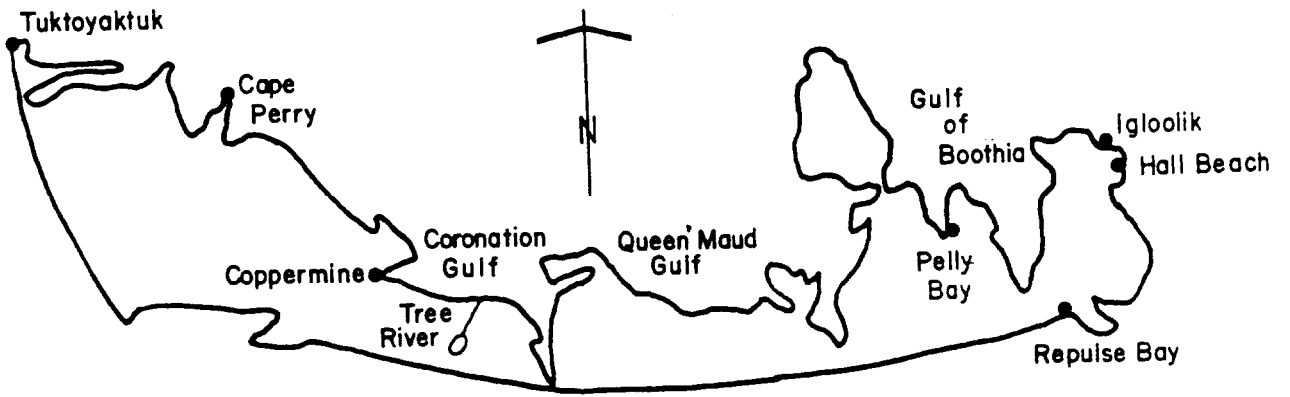
Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Area 6: Northern Coastal Char Fisheries



4f) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

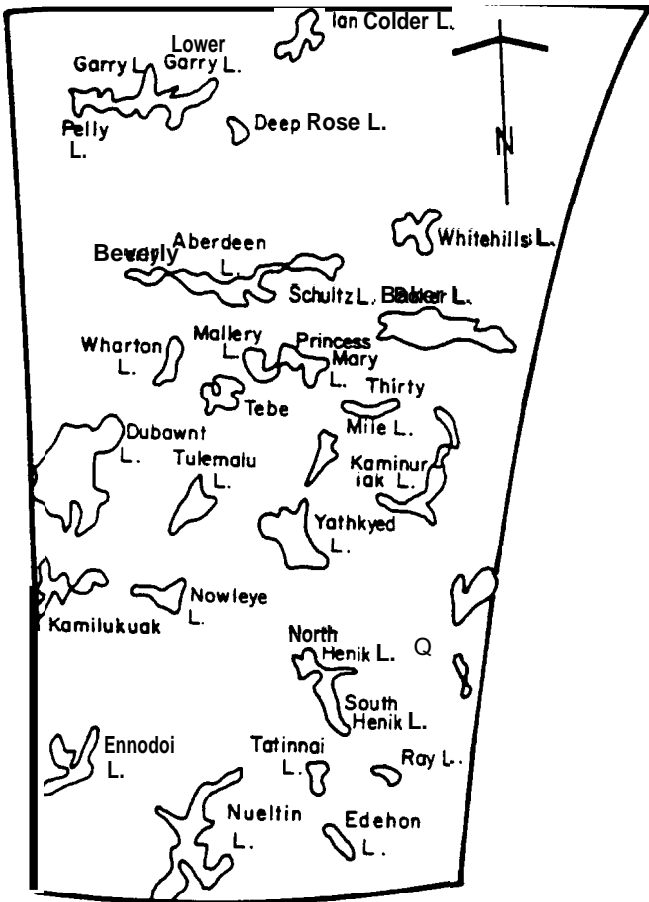
Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

Area 7: District of Keewatin Inland

4g) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.



Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

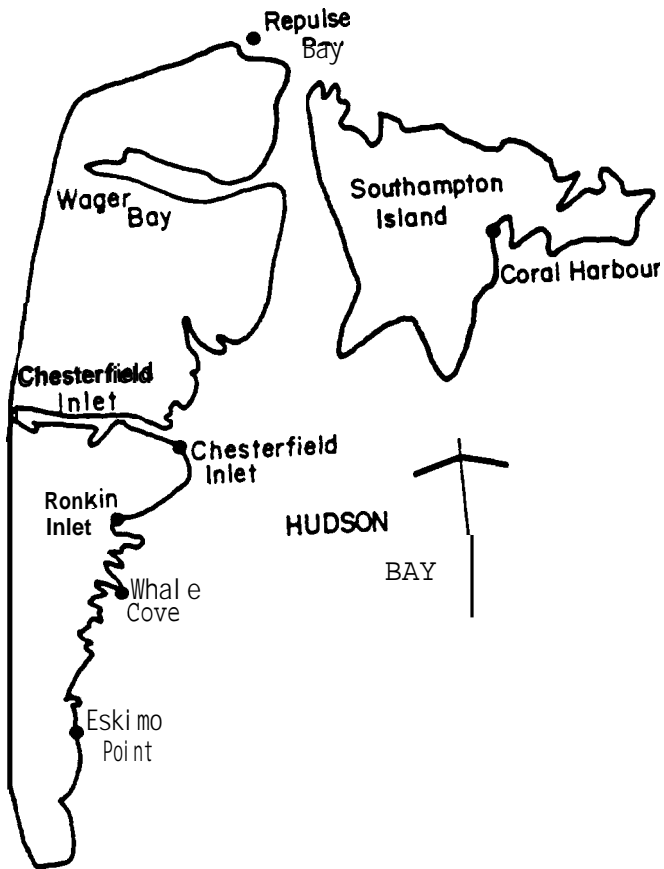
Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Area 8: Hudson Bay Coastal Char Fisheries

4h) Please provide the names of the waters fished **in this** area, the number of days fished and the number caught and kept for each species.



Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____



Area 9: District of Franklin Char Fisheries



4i) Please provide the names of the waters fished in this area, the days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

5. Of the species available in the Northwest Territories, which do you prefer to catch?

First \_\_\_\_\_ Second \_\_\_\_\_ Third \_\_\_\_\_

6. Did you fish for sport in the Northwest Territories in any of the years listed below? If yes, please mark the appropriate years with an "x".

1975 \_\_\_\_\_ 1976 \_\_\_\_\_ 1977 \_\_\_\_\_ 1978 \_\_\_\_\_ 1979 \_\_\_\_\_

7. Did you fish for sport OUTSIDE the Northwest Territories in 1980?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please indicate below:

(a) The name(s) of the province, territory, state or country fished, the days fished by water type and the name of any particular species you were fishing for.

Where you Fished	Days Fished		Particular Species Fished For
	Fresh	Salt	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(b) The names of any National Parks in Canada or any of the Great Lakes (Superior, Huron, Ontario, etc) where you fished and the number of days fished.

National Parks	Days Fished	Great Lakes	Days Fished
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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SECTION B  
EXPENDITURES ON **SPORTFISHING** BY YOU  
AND/OR MEMBERS OF YOUR HOUSEHOLD

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8. Did you and/or members of your household make any major purchases or investments in **N.W.T. in 1980** for purposes relating in whole or-part to sport fishing? (e.g. boats, recreational vehicles, cottages, etc.)

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please describe the items below:

Item Purchased	Price	Percentage used for <b>sportfishing</b>
_____	\$ _____	_____ %
_____	\$ _____	_____ %
_____	\$ _____	_____ %
_____	\$ _____	_____ %

9. **Please** estimate as best as you can the present market value of the **sportfishing** gear and equipment owned and used by you and members of your household solely for **sportfishing**.

\$ \_\_\_\_\_

10. Did you and/or members of your household purchase any "**package**" or so-called all-inclusive **sportfishing** trips, tours or outings in **N.W.T. in 1980** (for **example lodge, fly-in fishing camps, going out on guide** or charter boats, and so on, where the price includes transportation, plus a wide range of other facilities such as lodging, food, tackle, bait, etc.)?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please describe the "**package(s)**" below.

<u>Type of Package</u> (Please Check)	<u>Number of</u> <u>Area Fished</u>	<u>For you and your household</u>	
		<u>Number of anglers</u>	<u>Cost to household</u>
Lodge ( )	_____	_____	_____
Outfitter ( )	_____	_____	_____
Other Services ( )	_____	_____	_____

11. Excluding major purchases, investment and package **tours please estimate below the amount of money** you and/or members of your household spent for **sportfishing purposes in N.W.T. in 1980:**

- 1. Lodging (hotel, motel, cabin, etc.) \$ \_\_\_\_\_
- 2. **Campsite fees** \_\_\_\_\_
- 3. Food (restaurant, meals, groceries and beverages) \_\_\_\_\_
- 4. Travel costs within N.W.T. (by car, air, u-drives, etc.) \_\_\_\_\_
- 5. Boat rentals \_\_\_\_\_
- 6. **Fishing tackle and supplies** (rods, reels, special clothing, etc.) \_\_\_\_\_
- 7. Bait \_\_\_\_\_
- 8. Household owned boats costs (gas, repairs, docking fees, etc.) \_\_\_\_\_
- 9. Guide services \_\_\_\_\_
- 10. **Fishing licences, permits and access fees** \_\_\_\_\_
- 11. **Taxidermy** \_\_\_\_\_
- 12. **Other** (please **specify**) \_\_\_\_\_  
\_\_\_\_\_

12. If you or members of your household fished outside N.W.T. in 1980, please **estimate how much was spent elsewhere in Canada** for sport fishing purposes in **1980:**

\$ \_\_\_\_\_ spent in other parts of Canada

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SECTION C  
HOUSEHOLD OWNERSHIP OF BOATS

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13. How many boats are owned by your household which are used for sportfishing or other recreational purposes?

\_\_\_\_\_ boats (if none, please go to question 16).

14. Please provide the following information on your boats:

(Type codes: 1. canoe, 2. rowboat, 3. outboard, 4. sailboat, 5. inboard-outboard, 6. inboard, 7. houseboat, 8. other)

<u>Characteristic</u>	<u>Boat 1</u>	<u>Boat 2</u>	<u>Boat 3</u>	<u>Boat 4</u>
Type	_____	_____	_____	_____
Length (in feet)	_____ ft	_____ ft	_____ ft	_____ ft
Horsepower (if applicable)	_____ hp	_____ hp	_____ hp	_____ hp
Present market value	\$ _____	\$ _____	\$ _____	\$ _____
Days used for all recreational purposes in N.W.T. in 1980 (including sportfishing)	_____	_____	_____	_____
Number of days used for sportfishing in N.W.T.	_____	_____	_____	_____
Is the boat usually ( ✓ ):				
- kept moored	_____	_____	_____	_____
- transported by trailer	_____	_____	_____	_____
- carried by car-top	_____	_____	_____	_____
other	_____	_____	_____	_____

15. If any of your boats are usually kept moored, where do you moor them?

PLACE/HARBOUR

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SECTION D  
HOUSEHOLD PROFILE

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To help us **analyse** all the information provided, we would appreciate some information about you and your household.

ALL ANSWERS ARE CONFIDENTIAL

16. **Person who completed the questionnaire:**

Your age: \_\_\_\_\_ years                      Your sex: Male \_\_\_\_\_ Female \_\_\_\_\_

17. **Would you please** provide the following information about other members of your **household**. (If **nodayswere** fished, please enter "0")

Age	Sex		Number of <b>days</b> fished in N.W.T. in 1980
	Male	Female	
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____

18. We are interested in determining the economic status of the majority of sport fishermen on a national and international basis. We would appreciate your assistance by your checking the appropriate category of household income before taxes in 1980.

Prefer not to answer \_\_\_\_\_

1. under 5,000	_____	7. 30,000 - 34,999	_____
2. 5,000 - 9,999	_____	8. 35,000 - 39,999	_____
3. 10,000 - 14,999	_____	9. 40,000 - 44,999	_____
4. 15,000 - 19,999	_____	10. 45,000 - 49,999	_____
5. 20,000 - 24,999	_____	11. Over 50,000	_____
6. 25,000 - 29,999	_____		

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SECTION E  
YOUR COMMENTS

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You are invited to comment on your fishing experiences and fishing opportunities in N.W.T. (for example, water quality, costs, access, environment) **hospita**lity, services, regulations, problems, etc.).

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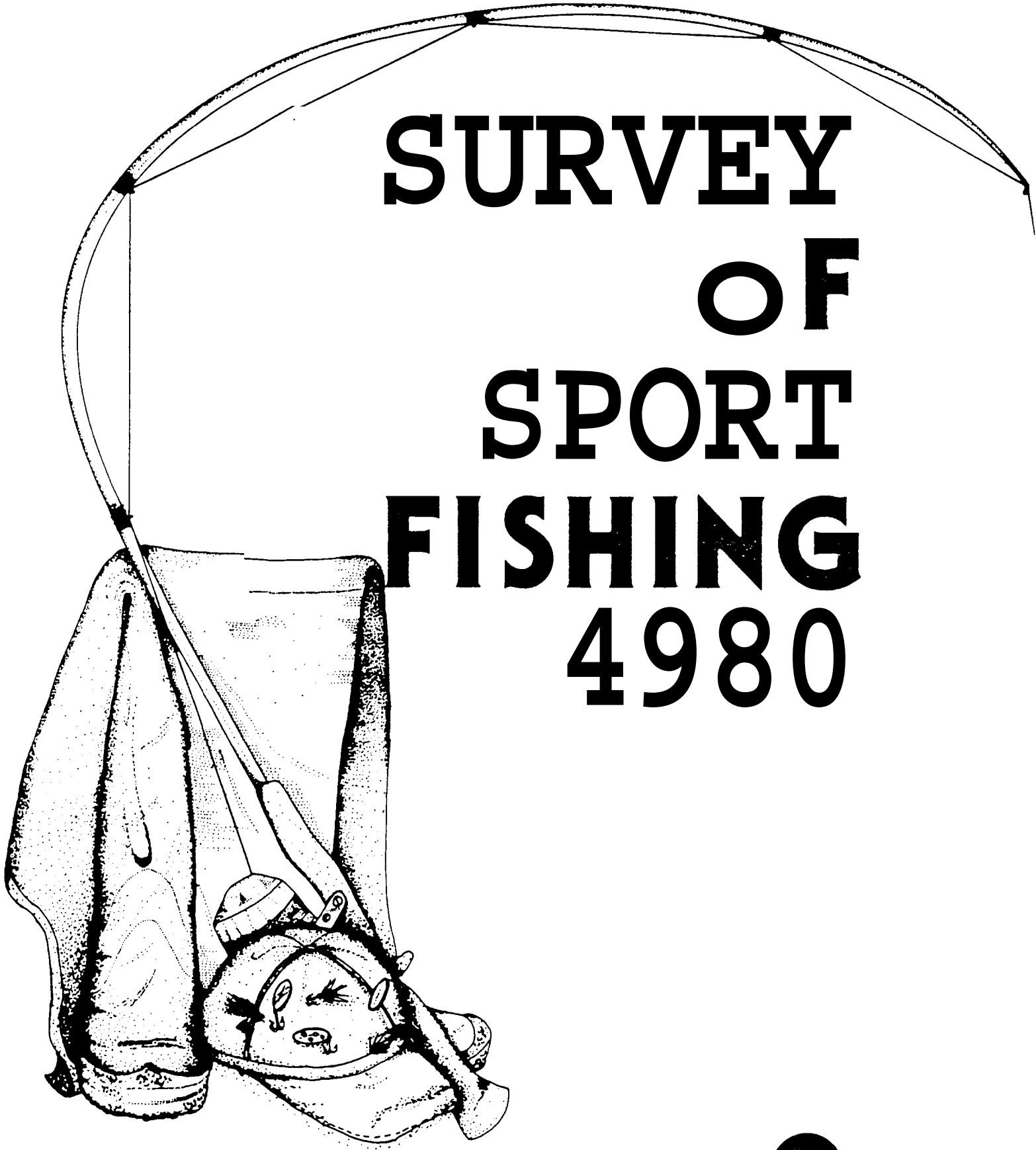
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YOUR COOPERATION AND ASSISTANCE ARE APPRECIATED

# SURVEY OF SPORT FISHING 4980



Government of Canada  
Fisheries and Oceans

Gouvernement du Canada  
Pêches et Océans



Northwest  
Territories Renewable Resources



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SECTION A

YOUR PERSONAL FISHING ACTIVITIES

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1. Did you fish for sport in the Northwest Territories in 1980? (Include ice fishing)

Yes \_\_\_\_\_ No \_\_\_\_\_. If NO, please go to question 5, page 12.

2. Would you please indicate the number of days you spent fishing each month in the Northwest Territories in 1980. A "day" is all or any part of a day fished.

Jan. _____	April _____	July _____	Oct. _____
Feb. _____	May _____	Aug. _____	Nov. _____
Mar. _____	June _____	Sept. _____	Dec. _____

3. Did you catch any fish in the Northwest Territories in 1980?

Yes \_\_\_\_\_ No \_\_\_\_\_

If YES, please indicate below:

(a) the number of each species you caught and kept in 1980 in the Northwest Territories. Please add more species names as required.

<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern <b>pike</b>	_____	_____
Walleye	_____	_____
Arctic <b>grayling</b>	_____	_____
Arctic char	_____	_____
<b>Inconnu</b>	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

(b) **please estimate the total weight of the fish you kept.** \_\_\_\_\_ **lbs.**

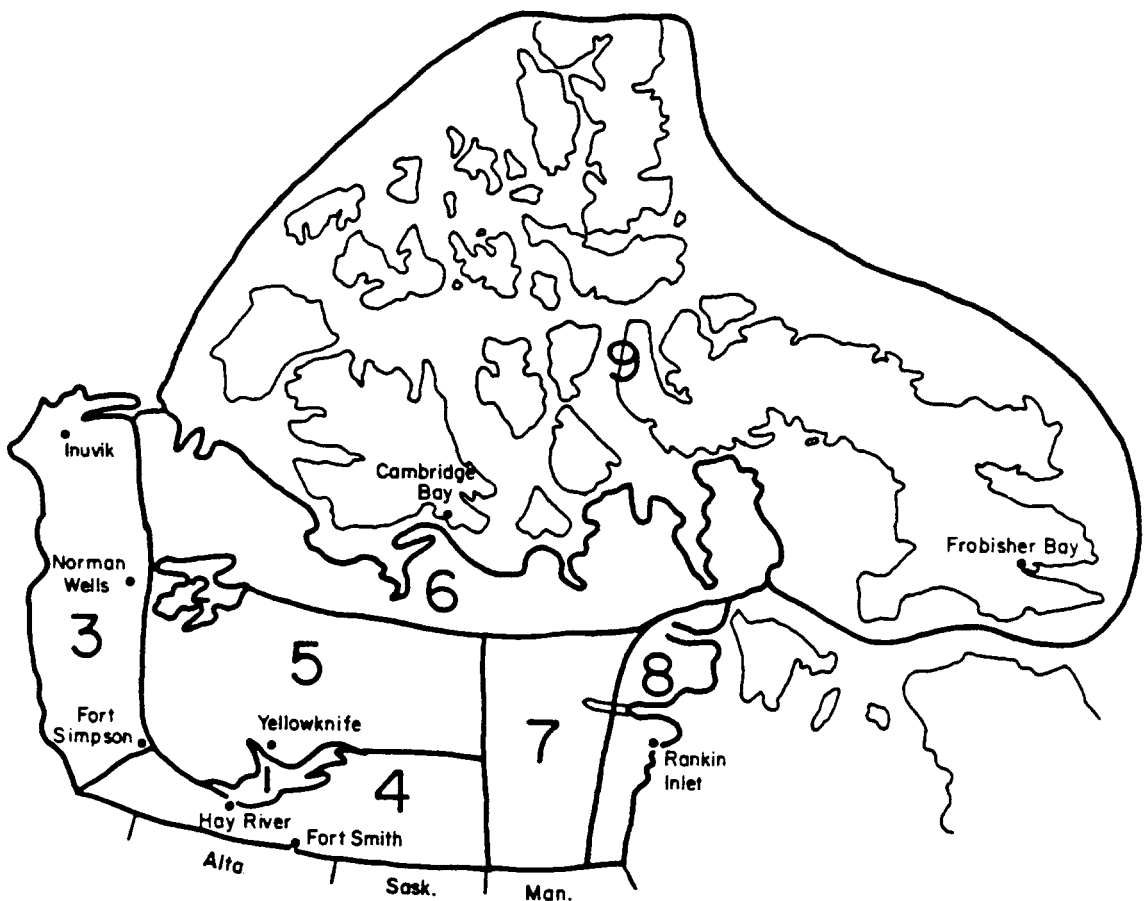
(c) what percentage of the above was:

eaten by your household	_____	%
<b>given</b> to others	_____	%
other uses	_____	%

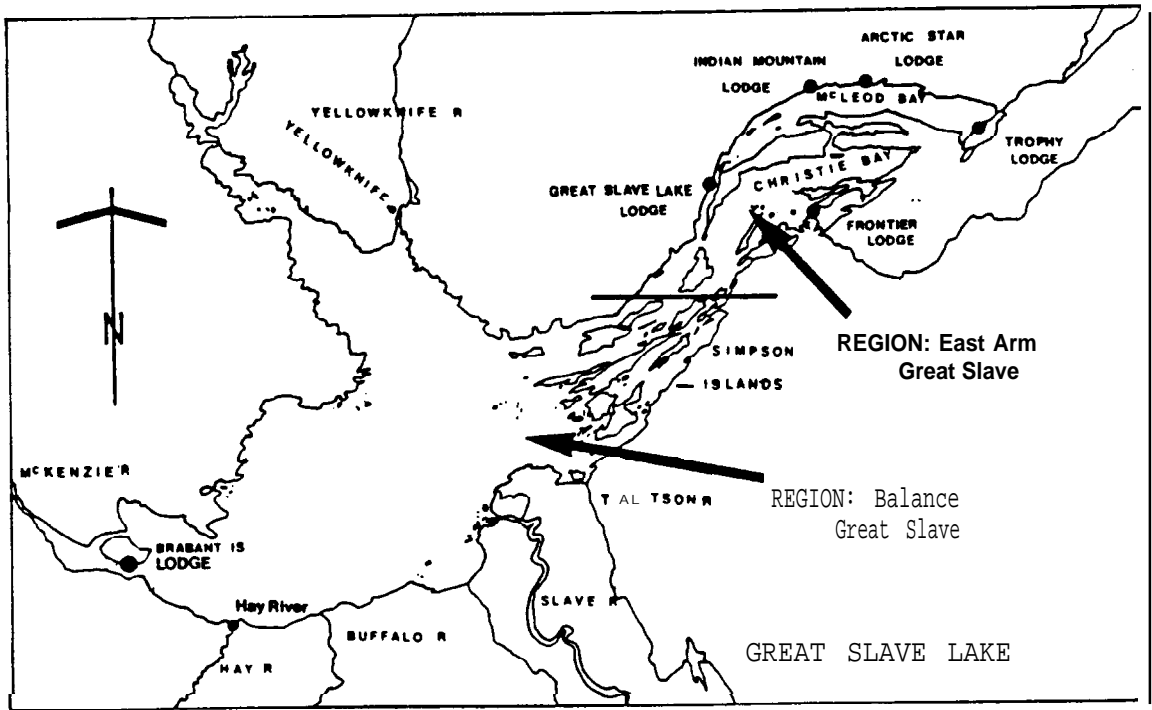
4. We would like to know more about where you fished and what you caught in the different regions of the Northwest Territories. The map below divides the Territories into 9 geographical regions. For those **regions** in which you fished, please turn to more detailed maps (one for **each region**) on the following pages and provide as much information as you can remember about your fishing-experiences.

The regions of interest are:

- |                                |                                   |
|--------------------------------|-----------------------------------|
| 1 Great Slave Lake (lake only) | 6 Northern coastal Char areas     |
| 2 Great Bear Lake (lake only)  | 7 District of Keewatin (inland)   |
| 3 Mackenzie River and Delta    | 8 Hudson Bay coastal Char area    |
| 4 Hay River - Fort Smith area  | 9 District of Franklin Char areas |
| 5 Yellowknife area             |                                   |



Area 1: Great Slave Lake



4a) Please indicate the days fished, the number caught and kept for each species on Great Slave Lake proper.

Region: East Arm Great Slave Lake

Days fished in 1980: \_\_\_\_\_

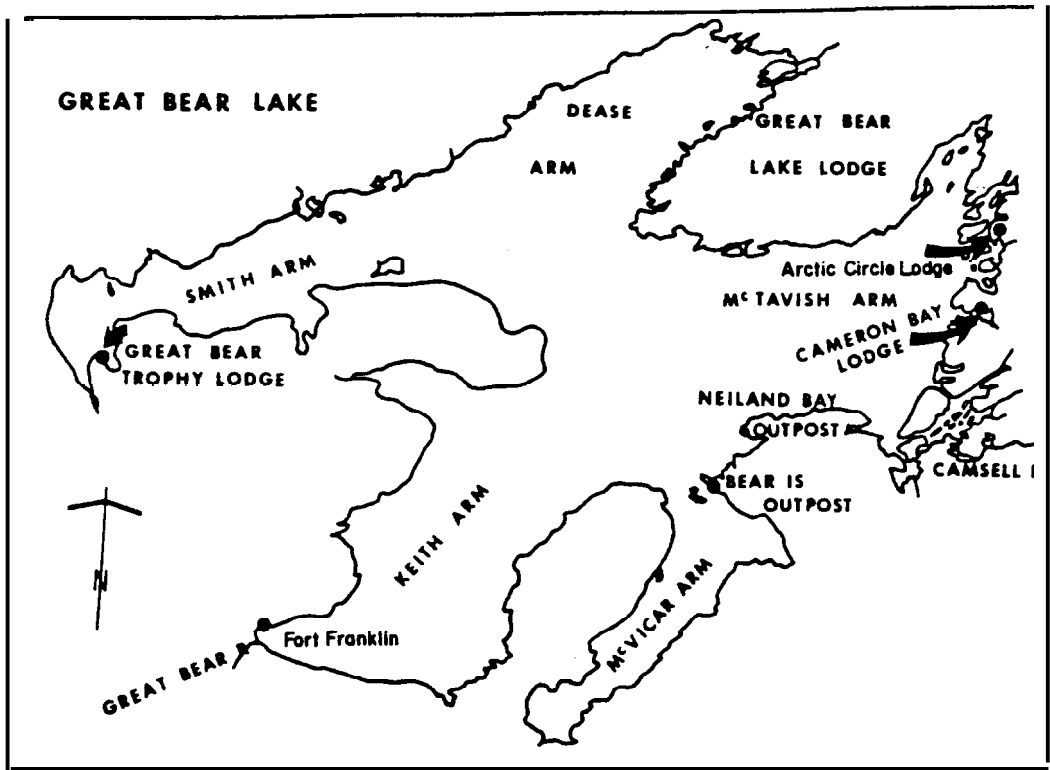
<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

Region: Balance Great Slave Lake

Days fished in 1980: \_\_\_\_\_

<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____

Area 2: Great Bear Lake

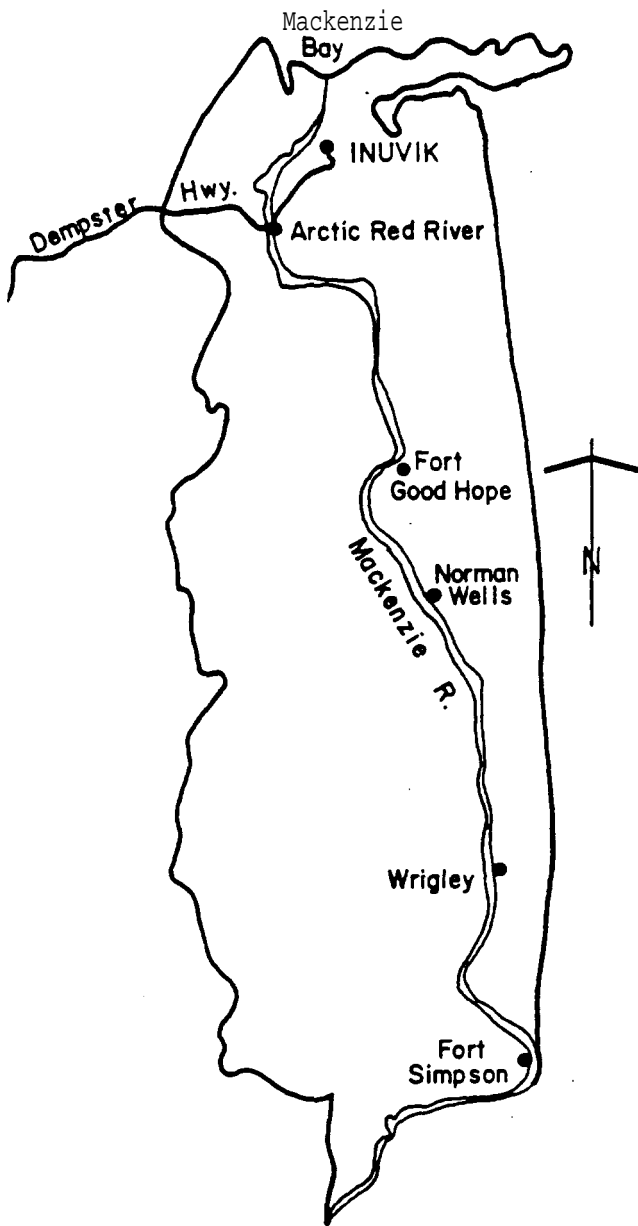


4b ) Please indicate the days fished, the number caught and kept for each species on Great Bear Lake proper.

Area 2: Great Bear Lake

Days fished in 1980: \_\_\_\_\_

<u>Species</u>	<u>Number Caught</u>	<u>Number Kept</u>
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____



Area 3: Mackenzie River and Delta

4c) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

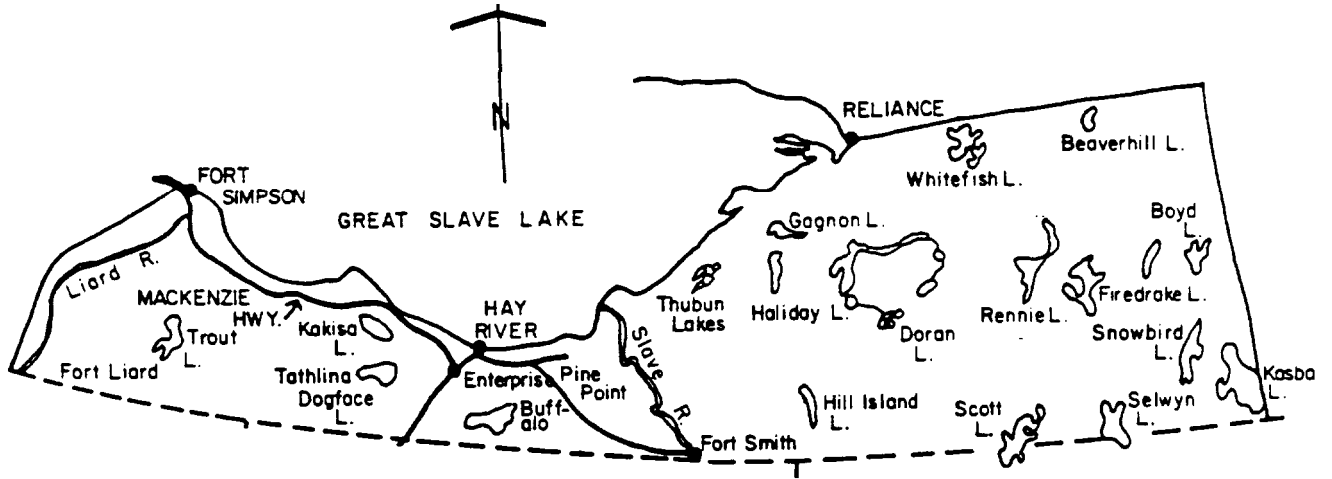
Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Arctic grayling	_____	_____
Walleye	_____	_____
Other:	_____	_____

Area 4: Hay River-Fort Smith



4d) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

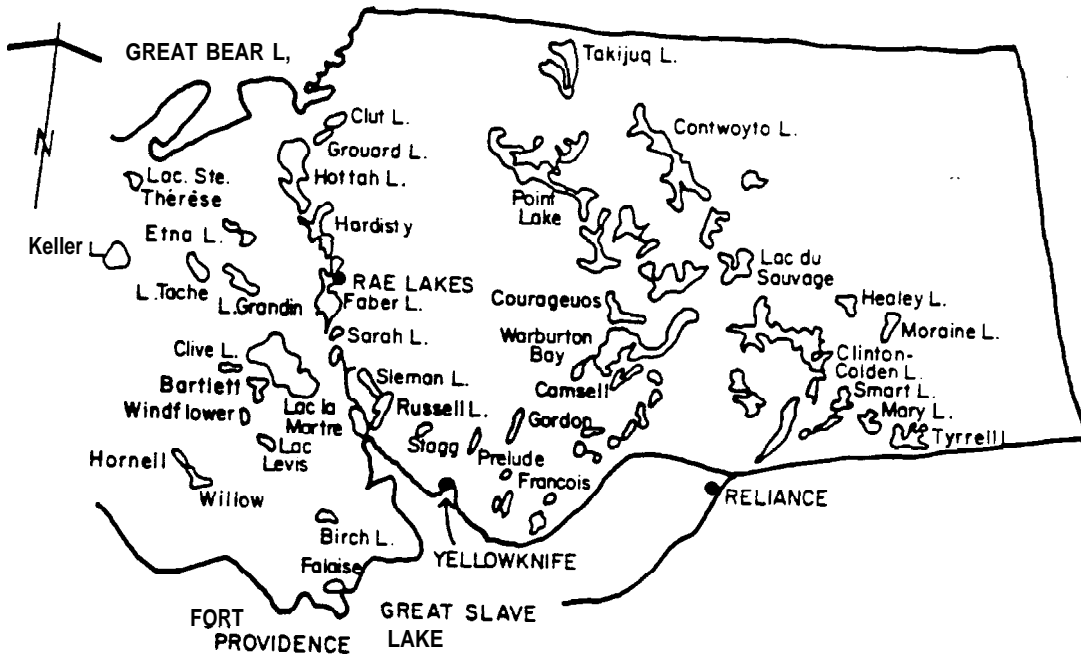
Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Rainbow trout	_____	_____
Other:	_____	_____

Area 5: Yellowknife Area



4e) Please provide the names of the waters fished, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

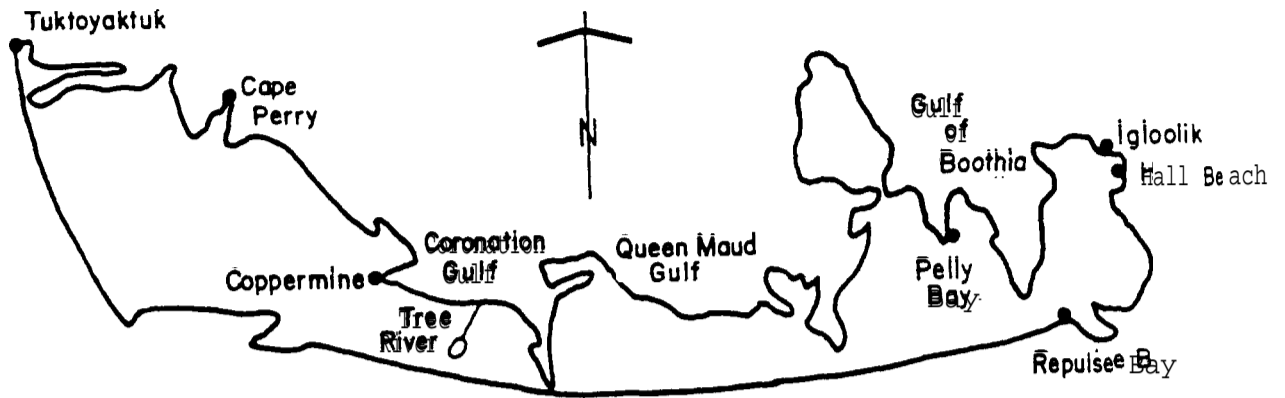
Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_  

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Area 6: Northern Coastal Char Fisheries



4f) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other:	_____	_____

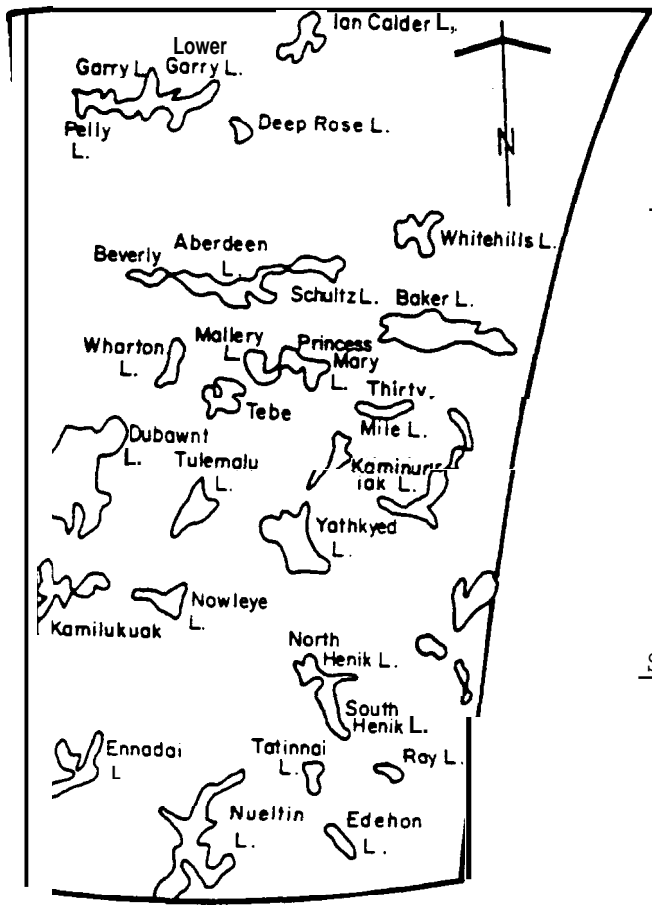
Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other:	_____	_____



Area 7: District of Keewatin Inland

4g) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.



Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

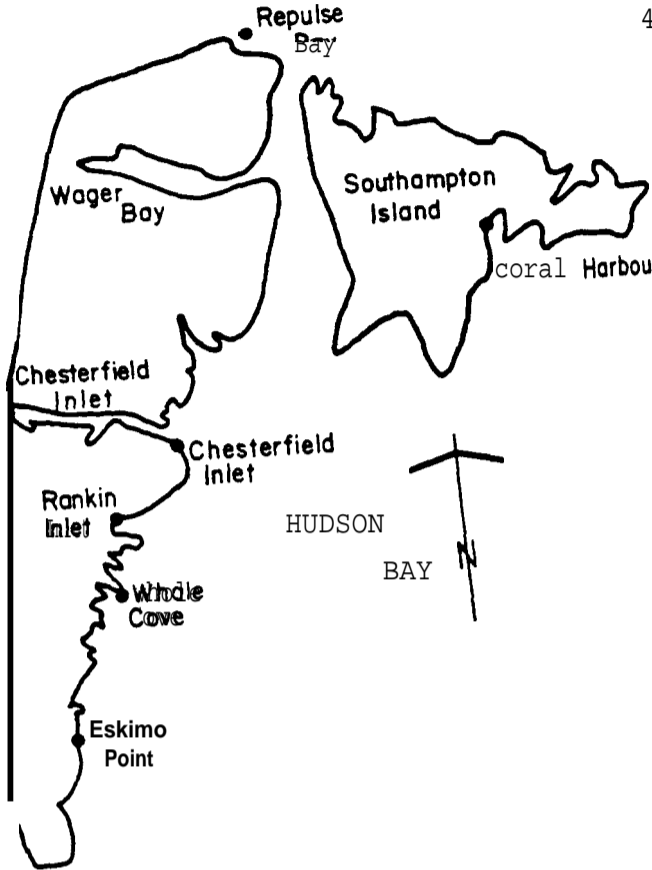
Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Arctic grayling	_____	_____
Other:	_____	_____

Area 8: Hudson Bay Coastal Char Fisheries



4h) Please provide the names of the waters fished in this area, the number of days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
<b>Walleye</b>	_____	_____
<b>Other:</b> _____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
<b>Northern pike</b>	_____	_____
<b>Walleye</b>	_____	_____
Other: _____	_____	_____

Lake/River: \_\_\_\_\_  
 Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____

Area 9: District of Franklin Char Fisheries



4i) Please provide the names of the waters fished in this area, the days fished and the number caught and kept for each species.

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

Lake/River: \_\_\_\_\_

Days fished in 1980: \_\_\_\_\_

Species	Number Caught	Number Kept
Arctic char	_____	_____
Arctic grayling	_____	_____
Lake trout	_____	_____
Northern pike	_____	_____
Walleye	_____	_____
Other: _____	_____	_____
_____	_____	_____

5. Of the species available in the Northwest Territories, which do you prefer to catch?

First \_\_\_\_\_ Second \_\_\_\_\_ Third \_\_\_\_\_

6. Did you fish for sport in the Northwest Territories in any of the years listed below? If yes, please mark the appropriate years with an "x".

1975 \_\_\_\_\_ 1976 \_\_\_\_\_ 1977 \_\_\_\_\_ 1978 \_\_\_\_\_ 1979 \_\_\_\_\_

7. Did you fish for sport OUTSIDE the Northwest Territories in 1980?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please indicate below:

(a) The name(s) of the province, territory, state or country fished, the days fished by water type and the name of any particular **species** you were fishing for.

Where you Fished	Days Fished		Particular Species Fished For"
	Fresh	Salt	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(b) The names of any National Parks in **Canada or any of the Great Lakes** (Superior, Huron, Ontario, etc) where you fished and the number of days fished.

National Parks	Days Fished	Great Lakes	Days Fished
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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SECTION B  
EXPENDITURES ON **SPORTFISHING** BY YOU  
AND/OR MEMBERS OF YOUR HOUSEHOLD

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8. Did you and/or members of your household make any major purchases or investments in **N.W.T.** in 1980 for purposes relating in whole or part to **sportfishing?** (e.g. boats, recreational vehicles, cottages, etc.)

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please describe the items below:

Item Purchased	Price	Percentage used for sportfishing
_____	\$ _____	_____ %
_____	\$ _____	_____ %
_____	\$ _____	_____ %
_____	\$ _____	_____ %

9. Did you and/or members of your household purchase any "package" or so-called all-inclusive **sportfishing** trips, tours or outings in **N.W.T.** in 1980 (for example lodge, fly-in fishing camps, going out on guide or charter boats, and so on, where the price includes transportation, plus a wide range of other facilities such as lodging, food, tackle, bait, etc.)?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please describe the "package(s)" below.

Type of Package (Please Check)	Area Fished (From map)	For you and your household	
		Number of anglers	Cost to household
Lodge ( )	_____	_____	_____
Outfitter ( )	_____	_____	_____
Other Services ( )	_____	_____	_____

10. Excluding major purchases, investments and package tours please estimate below the amount of money you and/or members of your household spent for sportfishing purposes in N.W.T. in 1980:

- 1. Lodging (hotel, motel, cabin, etc.) \$ \_\_\_\_\_
- 2. Campsite fees \_\_\_\_\_
- 3. Food (restaurant, meals, groceries and beverages) \_\_\_\_\_
- 4. Travel costs within N.W.T. (by car, air, u-drives, etc.) \_\_\_\_\_
- 5. Boat rentals \_\_\_\_\_
- 6. Fishing tackle and supplies (rods, reels, special clothing, etc.) \_\_\_\_\_
- 7. Bait \_\_\_\_\_
- 8. Household owned boats costs (gas, repairs, docking fees, etc.) \_\_\_\_\_
- 9. Guide services \_\_\_\_\_
- 10. Fishing licences, permits and access fees \_\_\_\_\_
- 11. Taxidermy \_\_\_\_\_
- 12. Other (please specify) \_\_\_\_\_  
\_\_\_\_\_

11. If you or members of your household fished outside N.W.T. in 1980, please estimate how much was spent elsewhere in Canada for sportfishing purposes in 1980:

\$ \_\_\_\_\_ spent in other parts of Canada

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SECTION C

TRIP INFORMATION

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12a) How many trips did you make to N.W.T. in 1980?

\_\_\_\_\_ trips.

12b) How many days in total did you spend in N.W.T. in 1980 for all reasons?

\_\_\_\_\_ days.

13a) On how many of your trips to N.W.T. in 1980 did you fish?

\_\_\_\_\_ trips.

13b) For how many of these trips was fishing:

	<u>Number of trips</u>
- your main reason for visiting N.W.T.	_____
a secondary reason	_____
- <b>decided upon after arrival</b>	_____

14. **What type of accommodation did you use on your trips to N.W.T. in 1980?**

<u>Type of Accommodation</u>	<u>Trips on which you fished</u>	<u>Trips on which you did not fish</u>
	(please check)	
Friends and relatives	_____	_____
In tent or trailer	_____	_____
Fishing lodge or camp	_____	_____
Other commercial lodging	_____	_____
Other (please specify) _____ - _____	_____	_____

15. **How many persons in your household held N.W.T. fishing licences in 1980?**

\_\_\_\_\_

16. **How would you rate fishing in N.W.T.?**

Excellent _____	Fair _____
Very Good _____	Poor _____
Good _____	

17. Do you intend to fish in N.W.T. in the future?

Yes \_\_\_\_\_ No \_\_\_\_\_

18. If there had been no fishing opportunities in N.W.T., would you have:

(✓)

stayed a shorter time	_____
substituted other activities	_____
not come at all	_____

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SECTION D  
HOUSEHOLD PROFILE

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To help us **analyse** all the information provided, we would appreciate some information about you and your household

ALL ANSWERS ARE CONFIDENTIAL

19. Person who completed the questionnaire:

Your age: \_\_\_\_\_ years                      Your sex: Male \_\_\_\_\_ Female \_\_\_\_\_

20. Would you please provide the following information about other members of your household. (If no days were fished, please enter "0")

Age	Sex		•	Number of days fished in N.W.T. in 1980
	Male	Female		
1. _____	_____	_____		_____
2. _____	_____	_____		_____
3. _____	_____	_____		_____
4. _____	_____	_____		_____
5. _____	_____	_____		_____
6. _____	_____	_____		_____
7. _____	_____	_____		_____
8. _____	_____	_____		_____
9. _____	_____	_____		_____

21. **We are interested in determining the economic status of the majority of sport fishermen on a national and international basis. We would appreciate your assistance by your checking the appropriate category of household income before taxes in 1980.**

Prefer not to answer \_\_\_\_\_

1. under 5,000	_____	7. 30,000 - 34,999	_____
2. 5,000 - 9,999	_____	8. 35,000 - 39,999	_____
3. 10,000 - 14,999	_____	9. 40,000 - 44,999	_____
4. 15,000 - 19,999	_____	10. 45,000 - 49,999	_____
5. 20,000 - 24,999	_____	11. Over 50,000	_____
6. 25,000 - 29,999	_____		



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SECTION E  
YOUR COMMENTS

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You are invited to comment on your **fishing experiences and fishing opportunities** in N.W.I. (for example, water quality, costs, access, environment, hospitality, services, regulations, problems, etc.).

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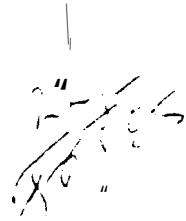
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YOUR COOPERATION AND ASSISTANCE ARE APPRECIATED



July 11, 1985

NOTE TO FILE

Sale of Sport Fishing Licences

Sport fishing **licence** sales for the years 1981, 1982, 1983 and 1984 were **analysed** to give some indication of visitation and/or recreation activity in the **N.W.T.** To make this investigation valid it is assumed that sales efforts were constant throughout the years.

Sales were **analysed** and plotted:

- by year,
- by region of **N.W.T.**,
- by all **N.W.T.** totals,
- by resident and non-resident **licences**.

It is important to note that "resident" and "non-resident" refer to Canada - NOT the **N.W.T.** Therefore non-resident sales were essentially to U.S.A. citizens and resident sales were to provincial and territorial (including **N.W.T.** ) residents.

Findings are:

1. For both types of **licences**, and as may be expected, Fort Smith Region is dominant in number of sales.
2. For non-resident **licences** the Keewatin region is significant in sales and other regions are minor.
3. For non-resident **licences**, sales fell (in total and for all regions) dramatically from 1981 to 1982 and have stayed at about that level since.
4. For resident **licences**, sales fell gradually from 1981, through **1982** to 1983 and rose considerably in **1984**.

**Conclusions**

1. It is evident (from finding number 3) that **U.S. visitation has declined** in the past several years. This is in agreement with **N.W.T.** travel surveys and an abundance of information from the provinces and Tourism Canada.

.../2

2. Visitation by provincial residents is unknown (finding 4) since sales are combined with sales to N. W.T. residents. It does appear that sport fishing activity by provincial and N.W.T. residents combined declined from 1981, through 1982 to 1983 and then rose in 1984. One can only surmise that with an increasing N.W.T. population and **commuting** work force that the residual provincial component would have been stable or shown a small increase over the four year span.

The resident **licence** problem could be attacked by **analysing** the individual addresses on the **licences**.



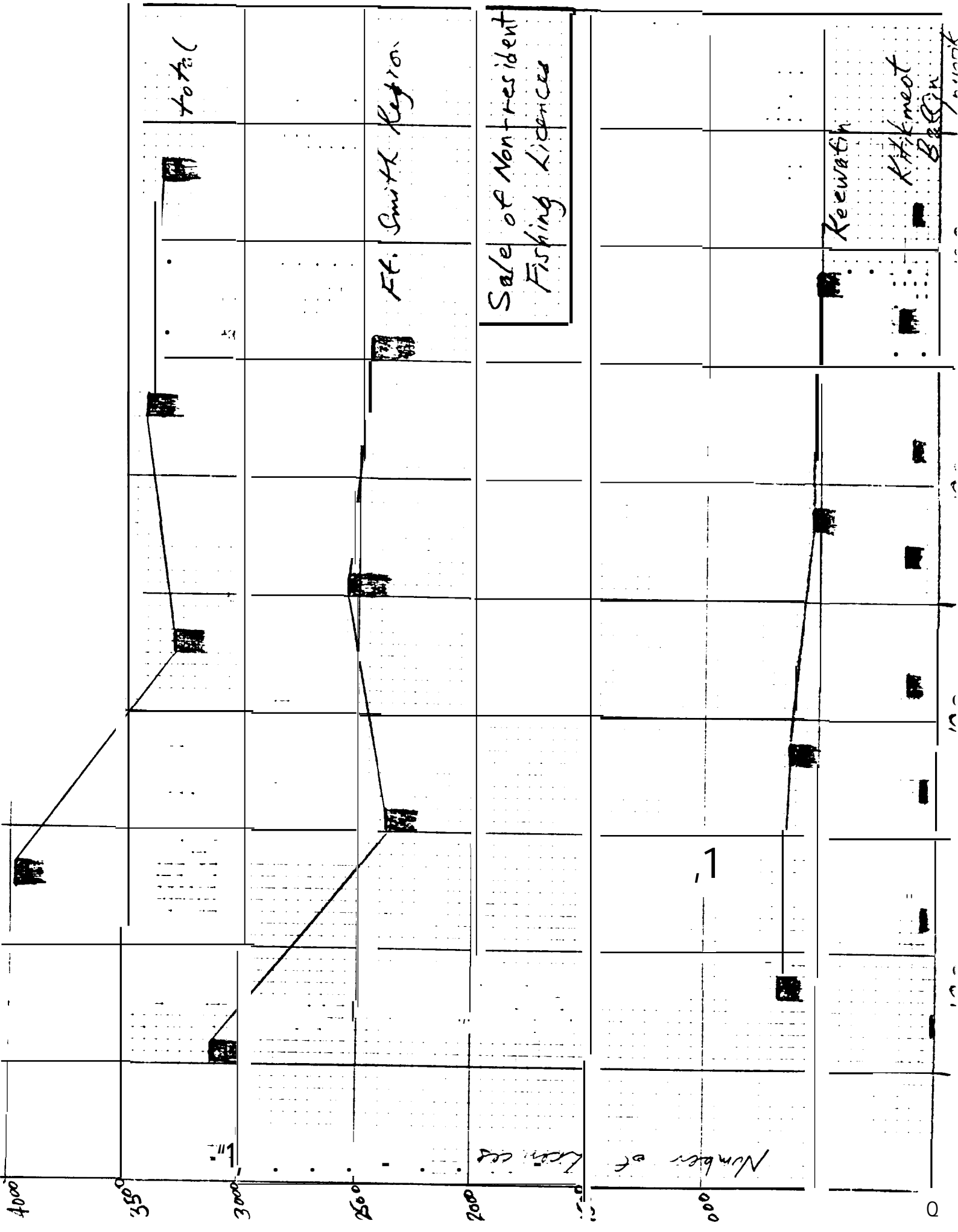
Keith Thompson,  
Program Development  
and Research Advisor,  
Tourism & Parks Division.

Attachment

P.S. 1980 Survey of Sport Fishing in NWT  
provides additional data for 1980

- residents	-	10,656
- non residents	-	4,468
		<hr/>
total		15,124

This shows 1/ reinforcement of downward  
trend in U.S. visitation, since 1980.  
2/ reinforcement of more or less  
constant resident sales from 1980  
through 1983 (1984 rise).



Keewatin  
Kitikmeot  
Baffin

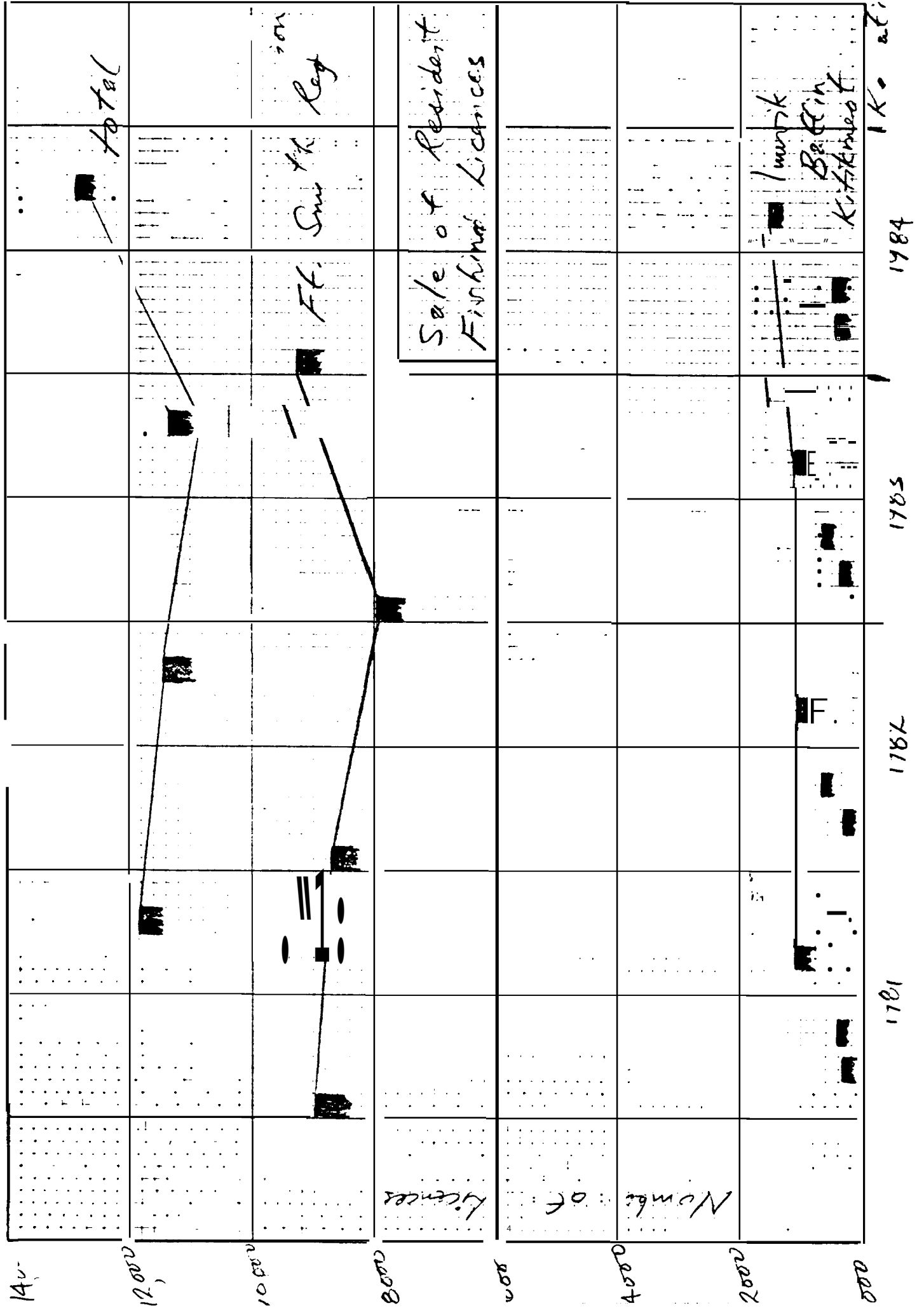
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4000  
3500  
3000  
2500  
2000  
1500  
1000  
500  
0

Number of Licenses

Year

1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960



14000  
12000  
10000  
8000  
6000  
4000  
2000  
000

1981 1982 1983 1984



*RB/leg*

61-540-006

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All Regional Offices

Product Analyst (Outdoor)  
Product Development Branch  
Tourism Canada

*Keith  
FYI type  
of report would  
be prepared  
I should prepare  
a 1 pg synopsis  
identifying key  
points & include letter  
to minister*

SECURITY - CLASSIFICATION - DE SÉCURITÉ
OUR FILE/NOTRE RÉFÉRENCE
YOUR FILE/NOTRE RÉFÉRENCE
DATE March 18, 1987

SUBJECT  
OBJET

1985 Survey of Recreational Sportfishing

Please find attached draft results of the above survey related to non-Canadian anglers. The Department of Fisheries and Oceans has especially prepared these tables for Tourism Canada from the survey's data base.

In May, the survey results should be finalized for all provinces/territories. At that time, I will send you a copy of the national results as well as those pertaining to your province/territory. (These will contain information on the Canadian market as well.)

*Monique Laurin-Dumas*

Monique Laurin-Dumas

Attachment

*(613) 954-3959*



Distribution

- John O'Neil - Whitehorse
- Ken Bouchard - Vancouver
- Charles Hatzipanayis - Winnipeg
- Tom Hill - Edmonton
- Andy Svetkov - Regina
- Donald Marsan - Toronto
- Suzy Ioualalen - Montreal
- Anne Thompson - Halifax
- Marlene Macke - St. John's
- Rick Young - Charlottetown
- André Lord - Moncton
- Rae Bradford - Yellowknife

*final in May*

TABLE 1

CHARACTERISTICS OF THE NORCANADIAN ANGLING POPULATION IN 1985,  
BY REGION OF ORIGIN

Region of Origin	No. of Anglers	Active Anglers	Active Males	Active Females
New England	11,301	11,167	10,050	1,117
Mid Atlantic	<b>143,644</b>	<b>140,263</b>	<b>115,804</b>	24,459
East North Central	302,840	295,325	242,329	52,996
West North Central	164,919	161,904	135,775	26,129
Mountain	26,088	25,189	20,545	4,644
Pacific	89,645	86,418	69,075	17,343
South Atlantic	28,191	27,526	<b>21,944</b>	5,582
East South Central	8,382	8,383	7,267	1,116
West South Central	14,945	<b>14,534</b>	11,269	3,265
Other USA	2,964	2,785	2,071	714
Europe	1,914	1,778	1,617	161
Other	169	162	153	9
<b>Total</b>	795,202	775,434	637,899	137,535

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TABLE 2 NUMBER OF FISH CAUGHT BY NONCANADIAN ACTIVE ANGLERS BY SPECIES IN 1985, BY REGION OF ORIGIN

Region of Origin	Arctic		Bass	Pike	Perch	Smelt	Salmon	Trout	Whitefish	Walleye	Other	Total
	Char	Grayling										
New England	783	5,913	22,325	40,223	11,728	955	35,078	161,282	158	36,121	26,934	341,500
Mid Atlantic	2,646	3,338	1,873,486	1,467,634	2,243,402	73,834	28,931	195,824	48,212	1,214,810	1,982,444	9,134,561
East North Central	2,327	16,315	2,210,379	4,873,688	5,244,983	550,333	18,280	473,690	59,310	7,127,381	4,736,774	25,313,460
West North Central	1,530	25,287	411,383	2,742,259	334,642	0	19,340	248,883	4,436	4,206,359	161,343	8,155,462
Mountain	1,405	14,919	18,548	491,415	29,791	0	64,980	97,128	795	178,540	74,074	971,595
Pacific	36,498	16,195	35,334	263,960	25,282	0	407,941	518,491	819	158,618	456,100	1,919,238
South Atlantic	1,752	3,234	305,197	385,727	232,097	0	11,618	62,578	4,688	458,143	225,760	1,690,794
East South Central	209	1,470	74,837	78,569	48,957	0	1,773	10,063	0	43,771	72,960	332,609
West South Central	422	9,124	88,200	173,170	48,515	0	21,183	63,866	1,531	234,554	30,028	670,593
Other USA	1,519	3,768	1,216	4,670	4,565	0	3,929	25,384	0	4,643	5,679	51,373
Europe	583	2,731	14,064	48,428	17,665	0	3,058	6,572	1,116	13,858	1,846	110,021
Other	0	0	0	77	0	0	0	810	0	0	8	895
<b>Total</b>	<b>49,674</b>	<b>102,294</b>	<b>10,054,969</b>	<b>10,369,820</b>	<b>8,237,627</b>	<b>625,122</b>	<b>616,111</b>	<b>1,864,671</b>	<b>121,065</b>	<b>13,676,798</b>	<b>1,773,950</b>	<b>48,692,101</b>

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TABLE 3: NUMBER OF FISH RETAINED BY CANADIAN ACTIVE ANGLERS BY REGION OF ORIGIN IN 1985, BY REGION OF ORIGIN

Region of Origin	Arctic Char	Arctic Grayling	Bass	Pike	Perch	Smelt	Salmon	Trout	Whitefish	Walleye	Other	Total
New England	131	376	6,310	27,053	4,941	955	21,882	113,392	14	28,616	7,364	211,034
Mid Atlantic	826	770	645,176	484,354	1,173,122	66,571	16,824	107,694	35,222	795,571	757,773	4,085,903
East North Central	376	2,295	788,990	1,265,339	3,333,155	550,333	11,273	187,169	29,131	3,005,095	3,037,299	12,210,455
West North Central	315	5,631	129,157	670,175	62,516	0	10,346	108,739	3,090	1,482,489	84,647	2,553,105
Mountain	470	3,150	7,640	66,609	14,385	0	53,010	20,427	369	77,085	29,812	272,957
Pacific	18,039	4,489	10,265	42,021	20,561	0	321,151	268,377	265	41,154	194,190	920,512
South Atlantic	1,295	771	108,749	97,515	120,226	0	7,962	25,479	1,512	208,961	92,946	665,416
East South Central	8	533	25,014	21,867	17,606	0	1,686	6,187	0	24,004	53,051	149,956
West South Central	185	1,883	17,090	51,384	20,663	0	19,424	20,442	582	96,552	7,714	235,919
Other USA	1,082	1,319	174	195	21	0	2,611	7,798	0	2,597	2,762	18,559
Europe	583	2,655	3,341	8,117	5,829	0	688	4,879	906	3,276	417	30,691
Other	0	0	0	77	0	0	0	709	0	0	8	794
<b>Total</b>	<b>23,310</b>	<b>23,872</b>	<b>1,741,906</b>	<b>2,734,706</b>	<b>4,773,025</b>	<b>617,859</b>	<b>466,837</b>	<b>867,292</b>	<b>71,091</b>	<b>5,765,400</b>	<b>4,267,983</b>	<b>21,353,301</b>

TABLE 3

TABLE 4 :

## OVERNIGHT ACCOMODATION USSO BY NONCANADIAN ANGLERS IN CANADA IN 1985, BY REGION OF ORIGIN

Region of Origin	Friends / Relatives	Tent/ Trailer	Cottages	Camping- Prov. Parks	Camping- Crown Land	Camping-Comm. Camp Ground	Fishing Lodge	Hotels/ Motels	Other	Total
<b>New England</b>	15,932	5,382	19,275	6,401	5,281	<b>3,054</b>	22,205	12,483	<b>2,917</b>	92,930
<b>Mid Atlantic</b>	123,356	<b>72,714</b>	359,686	49,075	10,338	55,217	340,087	252,698	34,400	1,297,571
<b>East North Central</b>	148,556	227,870	387,108	106,430	46,926	124,578	926,484	309,003	84,588	2,361,543
<b>West North Central</b>	57,915	118,995	124,601	62,600	54,721	<b>61,774</b>	430,093	90,714	26,984	1,028,397
Mountain	24,925	29,227	30,361	21,337	6,016	<b>44,320</b>	40,310	32,029	15,326	243,851
Pacific	58,476	96,649	111,649	52,909	24,703	177,456	133,685	100,829	122,285	878,641
South Atlantic	38,513	18,832	96,103	13,978	9,120	23,317	85,150	44,427	3,792	333,232
<b>East South Central</b>	5,863	7,330	3,238	676	0	3,021	22,108	12,556	743	55,535
<b>West South Central</b>	19,246	12,153	18,843	8,017	4,170	13,277	37,370	18,726	3,269	135,071
Other USA	2,790	3,412	3,952	2,003	1,189	738	5,369	2,119	257	21,828
<b>Europe</b>	13,336	<b>11,428</b>	5,760	<b>187</b>	0	895	7,601	1,325	56	40,588
<b>Other</b>	657	0	0	0	0	359	17	<b>117</b>	91	1,241
<b>Total</b>	509,565	603,992	1,160,576	323,613	162,464	508,006	2,050,479	877,025	294,708	6,490,428

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TABLE 5: TRIP CHARACTERISTICS OF CANADIAN ANGLERS IN CANADA IN 1985, BY REGION OF ORIGIN

Region of Origin	Trips		Days Spent		Days Fished		Trips		Day Trips		Overnight	
	All Reasons	Fishing Trips	All Reasons	Fishing Trips	All Reasons	Fishing Trips	Main Reason	for Fishing	Day Trips	for Fishing	Overnight	Trips
New England	40,342	20,551	142,749	79,001	14,833	7,136	14,833	7,136	92,930	1,297,060	92,930	
Mid Atlantic	662,225	461,591	2,094,112	1,453,826	389,179	228,866	389,179	228,866	1,297,060	2,347,610	1,297,060	
East North Central	883,438	732,307	3,476,443	2,639,362	673,040	374,473	673,040	374,473	2,347,610	1,041,291	2,347,610	
West North Central	277,141	242,614	1,355,263	1,023,251	213,831	41,738	213,831	41,738	1,041,291	240,204	1,041,291	
Mountain	46,021	34,135	314,502	149,568	23,668	7,795	23,668	7,795	240,204	883,829	240,204	
Pacific	190,880	111,198	1,213,605	541,937	75,808	9,052	75,808	9,052	883,829	333,233	883,829	
South Atlantic	56,175	46,826	435,142	267,491	37,109	12,334	37,109	12,334	333,233	55,535	333,233	
East South Central	10,814	10,492	71,607	46,130	7,896	776	7,896	776	55,535	147,412	55,535	
West South Central	19,421	17,918	156,517	100,361	13,878	2,089	13,878	2,089	147,412	21,827	147,412	
Other USA	4,882	3,403	34,087	15,890	1,931	727	1,931	727	21,827	40,547	21,827	
Europe	2,901	2,094	49,441	20,137	421	0	421	0	40,547	1,282	40,547	
Other	194	177	1,743	675	41	0	41	0	1,282		1,282	
<b>Total</b>	<b>2,194,434</b>	<b>1,683,306</b>	<b>9,345,211</b>	<b>6,337,629</b>	<b>1,451,635</b>	<b>68,986</b>	<b>1,451,635</b>	<b>68,986</b>	<b>6,502,600</b>		<b>6,502,600</b>	

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TABLE 6:  
MAJOR PURCHASES (USED IN WHOLE OR PART FOR SPORTFISHING) MADE BY  
NONCANADIAN ANGLERS IN 1985, BY REGION OF ORIGIN

Region of Origin	Boat Related	Camping Related	Special Vehicles	Cottages- Land	Other	Total
New England	113,984	5,593	833,095	843,921	60,032	1,856,625
Mid Atlantic	2,933,773	1,082,633	928,258	7,955,778	508,680	13,409,122
East North Central	3,373,052	1,554,680	623,218	9,177,802	1,007,830	15,736,582
West North Central	2,368,659	199,968	1,652,016	5,806,236	318,473	10,345,352
Mountain	252,751	25,077	204,580	10,637,049	184,926	11,304,383
Pacific	3,134,942	75,820	531,588	5,119,300	333,652	9,215,302
South Atlantic	1,777,065	84,948	28,718	7,438,844	131,428	9,461,003
East South Central	248,679	2,586	156,329	383,057	85,111	875,762
West South Central	59,714	45,180	0	2,736,804	102,905	2,944,603
Other USA	141,537	0	0	873,902	11,208	1,026,647
Europe	12,541	44,802	6,270	0	1,232	64,845
Other	0	0	0	0	26,181	26,181
Total	14,416,697	3,121,287	4,984,072	50,972,693	2,771,658	76,266,407

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TABLE 7:

## DIRECT EXPENDITURES MADE BY NONCANADIAN ANGLERS IN 1985, BY REGION OF ORIGIN

Region of Origin	Packages	Accommodation	Campsite Fees	Food Costs	Travel Expenses	Boat Rental	Fishing Supplies	Boat Operating Costs	Other Services	Other	Total
New England	4,360,569	986,590	179,800	1,748,278	1,043,684	134,395	318,677	65,339	1,013,858	103,087	9,954,277
Mid Atlantic	13,752,677	13,973,237	1,732,388	17,286,827	8,206,130	3,008,504	3,740,189	2,773,845	5,516,940	725,006	70,715,743
East North Central	55,123,663	21,373,725	4,641,278	33,453,183	17,714,862	5,319,671	6,547,559	5,635,149	11,669,335	988,781	162,467,206
West North Central	29,148,674	9,527,708	2,784,298	14,124,737	8,846,944	3,110,620	3,824,527	2,740,076	6,487,703	402,354	80,997,643
Mountain	7,143,614	1,463,266	597,355	3,068,282	2,637,289	521,796	805,944	804,331	811,490	62,744	17,916,111
Pacific	19,501,308	6,585,299	2,110,200	12,235,093	10,480,678	2,142,159	2,585,939	4,812,774	3,198,092	242,339	63,893,881
South Atlantic	6,111,422	2,530,203	494,383	3,958,744	2,047,866	493,183	811,955	516,236	1,116,787	158,109	18,238,888
East South Central	1,346,424	714,054	236,239	715,809	707,969	157,198	200,353	65,368	371,254	32,360	4,547,028
West South Central	6,013,650	1,671,390	194,402	1,864,791	1,288,137	459,998	629,424	188,395	1,082,328	34,106	13,426,621
Other USA	855,113	202,777	84,503	277,971	337,252	24,608	59,665	25,114	119,512	11,617	1,998,132
Europe	282,968	255,473	53,775	297,675	337,822	71,958	73,140	6,058	46,908	1,567	1,427,344
Other	22,522	5,937	1,035	21,345	32,847	0	3,424	1,899	2,204	0	91,213
<b>Total</b>	<b>143,662,604</b>	<b>59,289,659</b>	<b>13,109,656</b>	<b>89,052,735</b>	<b>53,681,480</b>	<b>15,444,090</b>	<b>19,600,796</b>	<b>17,634,584</b>	<b>31,436,413</b>	<b>2,762,070</b>	<b>443,674,087</b>

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TABLE 8: PROJECTED FUTURE PARTICIPATION OF NONCANADIAN ANGLERS IN CANADA,  
BY REGION OF ORIGIN

Region of Origin	Yes	No	No Response	Total
New England	10,220	679	265	11,164
Mid Atlantic	134,482	2,646	3,128	140,256
East North Central	280,472	8,021	6,829	295,322
West North Central	152,436	6,235	3,238	161,909
Mountain	22,305	1,664	1,219	25,188
Pacific	81,525	2,904	1,990	86,419
South Atlantic	24,953	1,502	1,059	27,514
East South Central	7,651	679	53	8,383
West South Central	12,811	872	849	14,532
Other USA	2,664	71	47	2,782
Europe	1,478	279	21	1,778
Other	161	0	0	161
Total	731,158	25,552	18,698	775,408

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TABLE 1: CHARACTERISTICS OF THE NONCANADIAN ANGLING POPULATION IN 1985,  
BY PROVINCE

Province	No. of Anglers	Active Anglers	Active Males	Active Females
NWT	3,612	3,534	3,274	260
Yukon	4,485	3,940	3,181	759
B.C.-Tidal	66,264	64,712	50,763	13,949
B.C.-Fresh	38,372	35,749	28,859	6,890
Alberta	5,881	5,589	5,204	385
Saskatchewan	18,738	18,738	15,665	3,073
Manitoba	32,542	32,271	28,926	3,345
Ontario	587,759	574,108	468,315	105,793
Quebec	28,516	28,131	25,705	2,426
New Brunswick	5,914	5,611	5,146	465
Nova Scotia	1,259	1,240	1,154	86
P.E.I.	379	372	345	27
Newfoundland	1,481	1,439	1,362	77
Total	795,202	775,434	637,899	137,535

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TABLE 2:

## NUMBER OF FISH CAUGHT BY NONCANADIAN ACTIVE ANGLERS BY SPECIES IN 1985, BY PROVINCE

Province	Arctic Char	Arctic Grayling	Bass	Pike	Perch	smelt	Salmon	Trout	Whitefish	Walleye	Other	Total
<b>NWT</b>	7,127	48,409	0	<b>45,428</b>	0	0	0	118,8s1	0	6,136	1,904	227,885
Yukon	0	<b>35,137</b>	0	6,256	0	0	329	15,s93	566	0	224	58,405
B.C. -Tidal	0	0	0	0	0	0	464,914	0	0	0	488,414	953,328
<b>B.C. -Fresh</b>	<b>41,899</b>	7,377	0	<b>1,747</b>	9,359	0	72,095	532,24S	0	1,022	36,946	702,693
Alberta	0	<b>984</b>	0	70,315	11,305	0	0	106,033	1,736	24,377	2,659	217,409
<b>Saskatchewan</b>	0	10,387	0	824,244	40,S29	0	0	102,621	757	540,207	3,063	1,522,108
<b>Manitoba</b>	0	0	10,90s	<b>1,124,878</b>	0	0	0	99,439	0	S23,993	52,040	2,111,278
Ontario	0	0	4,9s4,917	S,180,984	8,062,573	624,10B	32,S75	597,24S	117,S4S	11,577,564	7,152,428	41,330,547
Quebec	0	0	42,546	<b>315,968</b>	104,051	0	1s,317	135,515	0	700,764	24,222	1,341,3s3
<b>New Brunswick</b>	0	0	<b>16,375</b>	0	8,9s4	416	20,620	<b>85,845</b>	<b>158</b>	2,735	906	136,039
<b>Nova Scotia</b>	0	0	223	0	299	0	927	<b>15,651</b>	0	0	3,429	20,529
<b>P.E.I.</b>	0	0	0	0	225	539	<b>14</b>	8,352	0	0	1,433	10,563
Newfoundland	64S	0	0	0	0	59	6,020	46,925	0	0	6,2S2	59,934
Total	49,674	102,294	5,054,969	10,569,S20	8,237,627	625,122	616,111	1,864,671	121,065	13,676,79S	7,773,950	4S,692,101

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AB NUMBER RE MED NONCANAD AN ACTIVE ANGLER PROVI CE

	Cha	ng	See	mon	Wh	Othe
NWT	1,410	6,130	0	0	0	23,686
Yukon	0	14,729	0	0	0	22,628
B.C.-Tidal	0	0	0	0	114	224
B.C.-Fresh	21,774	2,043	0	380,004	0	588,524
Alberta	0	204	0	41,593	0	361,934
Saskatchewan	0	766	0	0	1,022	8,885
Manitoba	0	0	0	0	4,935	641
Ontario	0	0	0	0	1,131	30,278
Quebec	0	0	0	0	255	1,617
New Brunswick	0	0	0	0	0	393,508
Nova Scotia	0	0	0	0	0	504,910
P.E.I.	0	0	0	0	0	17,984,144
Newfoundland	126	0	0	0	0	1,341,382
Total	23,310	23,872	1,741,906	2,734,706	4,773,025	617,859
						466,857
						867,292
						71,091
						5,765,400
						4,267,983
						21,353,301

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TABLE 4 :

## OVERNIGHT ACCOMODATION USSO BY NONCANADIAN ANGLERS IN CANADA IN 1985, BY PROVINCE

Province	Friends/ Relatives	Tent/ Trailer	Cottages	Camping- Prov. Parks	Camping- Crown Land	Camping-Comm. Camp Ground	Fishing Lodge	Hotels / Motels	Other	Total
NUT	<b>759</b>	5,526	9	<b>841</b>	1,666	946	15,092	1,767	1,900	28,506
Yukon	946	13,053	53	7,280	2,150	2,322	1,918	2,598	391	30,681
B.C. -Tidal	46,428	64,179	66,093	<b>18,074</b>	4,239	151,625	80,306	101,468	118,292	650,704
B.C. -Fresh	29,007	58,050	28,868	40,727	22,612	54,854	69,881	26,153	10,271	340,423
Alberta	17,868	7,118	4,122	5,710	<b>964</b>	2,804	1,912	16,925	<b>14,472</b>	71,595
Saskatchewan	22,730	16,313	<b>25,168</b>	13,202	6,634	18,682	55,153	14,462	1,533	173,877
Manitoba	22,094	39,857	8,426	32,931	10,767	18,068	106,480	26,639	3,072	268,334
Ontario	<b>304,817</b>	394,179	1,006,727	168,300	107,524	244,958	1,616,601	626,629	126,282	4,596,014
Quebec	40,371	<b>N/A*</b>	N/A*	34,910	4,929	11,462	80,868	52,988	16,021	249,549
New Brunswick	9,283	2,724	15,024	<b>17</b>	221	249	15,651	2,281	903	46,353
Nova Scotia	3,041	<b>1,492</b>	<b>5,271</b>	501	292	1,262	961	2,811	703	<b>16,334</b>
P.E.I.	1,388	165	338	195	<b>80</b>	309	0	1,461	647	4,583
Newfoundland	3,133	1,336	477	955	386	468	5,656	843	221	<b>13,475</b>
<b>Total</b>	509,565	603,992	1,160,576	323,613	162,464	508,006	2,050,479	877,025	294,708	6,490,428

\* Category not specified

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TABLE 5: TRIP CHARACTERISTICS OF NONCANADIAN ANGLERS IN CANADA IN 1985, BY PROVINCE

Province	Trips		Days Spent		Days		Trips		Day Trips		Overnight	
	All Reasons	Fishing Trips	All Reasons	Fishing Trips	Fished	Main Reason	for Fishing	Day Trips	Fishing Trips	Overnight	Fishing Trips	
NWT	3,710	3,608	33,275	33,275	24,000	2,868	0	28,506				
Yukon	7,291	4,914	48,302	48,302	17,748	1,205	26	30,681				
B.C.-Tidal	116,496	80,370	848,851	848,851	345,287	52,173	7,519	650,703				
B.C.-Fresh	99,152	47,549	514,505	514,505	229,858	32,301	3,458	340,422				
Alberta	9,337	6,911	90,321	90,321	29,026	2,946	494	71,595				
Saskatchewan	42,343	32,508	230,487	230,487	147,868	28,871	11,906	173,877				
Manitoba	44,946	38,095	321,509	321,509	222,030	34,733	1,808	280,677				
Ontario	1,788,517	1,409,185	6,843,106	6,843,106	5,028,445	1,250,184	651,934	4,596,013				
Quebec	46,845	44,012	294,996	294,996	231,045	34,258	2,369	249,550				
New Brunswick	32,162	12,909	80,750	80,750	40,238	10,137	5,386	46,354				
Nova Scotia	1,521	1,337	18,102	18,102	8,489	656	29	16,334				
P.E.I.	452	393	5,416	5,416	2,384	94	0	4,583				
Newfoundland	1,662	1,515	15,591	15,591	11,211	1,209	37	13,465				
<b>Total</b>	<b>2,194,434</b>	<b>1,683,306</b>	<b>9,345,211</b>	<b>9,345,211</b>	<b>6,337,629</b>	<b>1,451,635</b>	<b>684,986</b>	<b>6,502,760</b>				

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TABLE 6: MAJOR PURCHASES (USED IN WHOLE OR PART FOR SPORTFISHING) MADE BY NONCANADIAN ANGLERS IN 1985, BY PROVINCE

Province	Boat Related	Camping Related	Special Vehicles	Cottages-Land	Other	Total
NWT	2,754	30,640	0	1,706	20,217	55,317
Yukon	36,736	41,738	0	90,463	11,967	180,904
B.C.-Tidal	3,049,987	47,676	274,347	10,803,731	349,353	14,527,094
B.C.-Fresh	282,118	44,007	480,940	944,409	132,755	1,884,229
Alberta	3,230	6,096	1,316	1,228	51,634	63,504
Saskatchewan	214,544	17,762	7,151	314,322	37,051	590,830
Manitoba	330,708	20,745	722,579	1,766,298	142,208	2,982,538
Ontario	8,705,940	2,438,979	1,597,442	34,655,135	1,704,627	49,102,123
Quebec	1,715,964	467,279	1,266,730	709,005	252,565	4,411,543
New Brunswick	70,908	1,144	633,567	1,645,210	50,567	2,401,396
Nova Scotia	1,524	2,022	0	35,833	7,696	47,075
P.E.I.	0	302	0	2,516	862	3,680
Newfoundland	2,284	2,897	0	837	10,156	16,174
Total	14,416,697	3,121,287	4,984,072	50,972,693	2,771,658	76,266,407

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TABLE 7: DIRECT EXPENDITURES MADE BY NONCANADIAN ANGLERS IN 1985, BY PROVINCE

Province	Packages	Accommodation	Campsite Fees	Food Costs	Travel Expenses	Boat Rental	Fishing Supplies	Boat Operating Costs	Other Services	Other	Total
NWT	6,429,593	215,817	5,263	266,067	868,953	42,639	164,115	11,203	176,705	3,362	8,183,717
Yukon	583,014	150,617	71,414	472,303	438,366	26,231	79,073	12,272	87,525	30,882	1,951,697
B.C.-Tidal	18,620,022	5,886,592	1,722,415	9,211,385	8,383,625	2,229,785	2,196,077	5,056,197	2,944,341	187,693	56,438,132
B.C.-Fresh	4,387,539	2,450,126	867,386	4,618,628	4,340,078	401,428	870,675	242,664	788,122	149,040	19,115,686
Alberta	1,114,259	635,952	71,198	733,539	466,873	26,015	236,640	6,390	726,171	11,113	4,028,150
Saskatchewan	6,982,023	988,405	316,412	2,149,592	1,902,866	306,663	430,914	454,359	573,714	8,442	14,133,390
Manitoba	14,304,320	2,388,968	647,017	3,912,902	3,540,149	563,272	964,696	684,170	1,688,943	69,098	28,763,535
Ontario	77,318,746	41,253,266	8,802,753	60,964,362	29,076,567	11,007,073	13,297,496	10,173,624	22,199,969	1,627,977	275,721,833
Quebec	11,150,772	4,548,050	486,647	5,516,388	3,979,695	801,698	1,077,526	968,718	1,280,202	638,101	30,447,797
New Brunswick	1,210,927	474,541	76,789	705,400	321,587	31,076	178,621	19,293	801,145	13,914	3,833,293
Nova Scotia	92,231	149,526	22,454	259,747	144,512	3,871	44,336	689	69,620	10,538	797,524
P.E.I.	1,226	29,342	7,853	61,535	26,538	1,734	7,085	805	5,654	1,218	142,990
Newfoundland	1,467,932	118,458	12,054	180,887	191,671	2,605	33,542	4,200	94,302	10,692	2,116,343
Total	143,662,604	59,289,660	13,109,655	89,052,735	53,681,480	15,444,090	19,600,796	17,634,584	31,436,413	2,762,070	445,674,087

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TABLE 8: PROJECTED FUTURE PARTICIPATION OF NONCANADIAN ANGLERS  
IN CANADA, BY PROVINCE

Province	Yes	No	No Response	Total
NWT	2,954	502	72	3,528
Yukon	3,057	697	188	3,942
B.C.-Tidal	60,046	2,448	2,218	64,712
B.C.-Fresh	33,330	1,700	717	35,747
Alberta	4,618	686	285	5,589
Saskatchewan	17,215	927	593	18,735
Manitoba	30314	1957	0	32,271
Ontario	544,938	15,201	13,957	574,096
Quebec	27,062	721	344	28,127
New Brunswick	4,991	395	225	5,611
Nova Scotia	1,020	179	40	1,239
P.E.I.	336	14	21	371
Newfoundland	1,277	125	38	1,440
Total	731,158	25,552	18,698	775,408

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TABLE 9: SPECIES PREFERRED BY NONCANADIAN ANGLERS IN 1985, BY PROVINCE

	Cha	ng	See	mon	rou	Wh	Ot
NWT	2,916	4,037	0	3,558	0	0	0
Yukon	275	4,905	0	2,136	0	0	0
B.C.-Tidal	109	0	1,086	93	0	93	0
B.C.-Fresh	1,254	4,012	948	2,070	249	0	0
Alberta	0	1,317	0	6,468	677	0	0
Saskatchewan	0	1,362	251	37,842	2,782	0	0
Manitoba	74	751	5,436	62,683	824	0	0
Ontario	0	444	625,093	752,420	154,925	797	0
Quebec	1,844	0	13,088	39,587	3,478	0	0
New Brunswick	64	0	2,727	31	285	14	0
Nova Scotia	0	0	360	11	55	0	0
P.E.I.	0	0	0	0	45	22	0
Newfoundland	422	0	0	114	0	0	0
Total	6,958	16,828	648,989	907,013	163,320	926	327,721
							502,379
							10,822
							1,353,855
							240,225
							4,179,036

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TABLE 10: FISH CON UMP DISTRIBUTION BY NONCANADIAN ANGERS IN 1985  
BY PROVINCE

Province	Weight of Fish Kept (in lbs)	Amount Eaten (%)	Total Weight Eaten (in lbs)
NWT	136,312	83.2	113,391
Yukon	50,693	92.9	47,070
B.C.-Tidal	2,943,672	82.1	2,417,130
B.C.-Fresh	573,006	82.9	475,030
Alberta	82,430	71.8	59,220
Saskatchewan	1,051,278	82.6	868,484
Manitoba	1,765,859	86.8	1,532,059
Ontario	24,206,893	89.2	21,592,245
Quebec	2,399,318	60.0	1,439,254
New Brunswick	57,855	85.0	49,176
Nova Scotia	8,540	49.7	4,241
P.E.I.	6,471	89.8	5,811
Newfoundland	32,865	81.7	26,839

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TABLE 11:

## FACTORS AFFECTING NONCANADIAN ANGLER FISHING ENJOYMENT, BY PROVINCE (IN %)

Province	Privacy	Number of Fish Caught	Surroundings	Weather	Size of Fish Caught	Escape from Routine	Source of Food	Quality of Water	Angling for Wild Fish	Access to Wilderness	Catching Species Desired
NWT	10.2	8.8	11.9	7.8	9.0	10.0	1.9	11.9	9.7	10.4	8.4
Yukon	11.3	7.6	13.6	8.6	6.1	10.8	3.0	13.3	9.3	10.4	6.0
B.C.-Tidal	7.3	9.5	14.0	11.4	7.8	11.8	3.6	12.3	6.2	7.8	8.3
B.C.-Fresh	10.3	7.7	13.7	8.7	8.0	10.8	2.3	12.8	8.8	9.9	7.0
Alberta	10.0	7.7	13.1	7.5	8.2	9.6	1.9	13.5	9.3	10.7	8.5
Saskatchewan	10.2	8.7	12.0	9.1	8.5	9.5	3.1	12.4	8.2	9.0	9.3
Manitoba	9.6	9.1	12.0	9.1	8.9	10.3	2.5	12.1	7.7	9.4	9.3
Ontario	9.6	8.8	12.8	9.3	8.0	11.2	3.0	12.9	7.1	8.4	8.9
Quebec *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
New Brunswick	11.0	6.8	13.1	7.2	6.3	10.5	1.8	12.9	10.4	9.9	10.1
Nova Scotia	10.8	5.7	14.2	6.6	6.4	10.2	1.4	14.0	9.4	11.6	9.7
P.E.I.	11.5	7.4	14.1	6.1	6.2	9.9	1.8	14.3	10.5	9.8	8.4
Newfoundland	11.2	7.4	12.3	6.5	7.6	9.4	1.1	12.2	11.4	10.9	10.0

Questionnaire based on Quebec questionnaire

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TABLE 12: ACTIVITIES OF NONCANADIAN ANGLERS IF NO FISHING OPPORTUN  
IN CANADA IN 1985, BY PROVINCE

Province	Stayed		Substitute		Not Come		Total
	Shorter Time	Other Activities	Other Activities	at All	No Response		
NWT	161	894	2,480	0	3,535		
Yukon	1,124	2,092	438	287	3,941		
B.C.-Tidal	9,090	23,623	31,245	754	64,712		
B.C.-Fresh	5,412	13,717	16,202	417	35,748		
Alberta	692	2,867	1,914	117	5,590		
Saskatchewan	1,770	2,878	14,006	83	18,737		
Manitoba	2,487	4,292	25,491	0	32,270		
Ontario	42,422	122,449	399,933	9319	574,123		
Quebec	2,516	4,808	20,720	86	28,130		
New Brunswick	471	1,582	3,409	149	5,611		
Nova Scotia	170	591	460	18	1,239		
P.E.I.	43	271	50	0	364		
Newfoundland	127	257	1046	8	1,438		
Total	66,485	180,321	517,394	11,230	774,000		

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**TABLE 13 :** **NONCANADIAN ANGLERS RATINGS ON QUALITY OF FISHING IN CANADA IN 1985, BY PROVINCE**

Province	Excellent	very Good	Good	Fair	Poor	No Response	Total
NUT	1,486	1,079	473	<b>275</b>	162	59	3,534
Yukon	692	530	992	780	696	256	3,946
B.C. -Tidal	10,531	18,636	17,797	8,686	8,277	2,338	66,265
B.C. -Fresh	5,250	8,463	10,024	6,390	5,153	469	<b>35,749</b>
<b>Alberta</b>	<b>1,284</b>	<b>1,885</b>	<b>1,000</b>	532	750	138	5,589
<b>Saskatchewan</b>	5,179	5,351	4,405	1,863	1,681	255	<b>18,734</b>
Manitoba	7,103	10,879	<b>8,177</b>	<b>4,244</b>	1,870	0	32,273
Ontario	66,003	146,078	188,797	108,045	<b>57,783</b>	7,460	574,166
<b>Quebec</b>	5,919	7,180	9,107	3,740	2,052	132	28,130
<b>New Brunswick</b>	<b>478</b>	<b>1,130</b>	<b>1,460</b>	1,401	969	<b>172</b>	<b>5,610</b>
Nova Scotia	<b>93</b>	<b>197</b>	<b>302</b>	326	286	32	1,236
<b>P.E.I.</b>	<b>45</b>	68	79	79	79	21	<b>371</b>
Newfoundland	329	<b>374</b>	321	193	<b>175</b>	<b>49</b>	1,441
<b>Total</b>	<b>104,392</b>	<b>201,850</b>	<b>242,934</b>	<b>136,554</b>	<b>79,933</b>	<b>11,3s1</b>	<b>777,044</b>

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TABLE 14: FISHING ACTIVITY OF NONCANADIAN ANGLERS IN CANADA, 1980-1984  
(BASED ON ANGLER POPULATION), BY PROVINCE

Province	1980	1981	1982	1983	1984
NWT	360	416	424	486	598
Yukon	316	452	316	511	315
B.C.-Tidal	11,311	11,599	13,676	17,744	24,088
B.C.-Fresh *	N/A	N/A	N/A	N/A	N/A
Alberta	620	524	824	1,130	1,189
Manitoba	5,243	6,092	7,116	7,708	8,225
Ontario	9,779	10,934	11,487	14,069	15,937
Quebec	271,236	278,466	300,128	342,376	361,226
New Brunswick	12,839	13,053	14,277	16,077	17,296
Nova Scotia	2,051	1,993	2,234	2,639	2,790
P.E.I.	262	274	299	374	369
Newfoundland	102	110	128	149	156
	299	307	309	458	424
Total	314,418	324,220	351,218	403,721	432,613

\* Not asked on questionnaire

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