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Harvest Data for the Northwest Territories
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ANNUAL SUMMARY OF FISH AND MARINE
MAMMAL HARVEST DATA - VOLUME 5

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Analysis/Review

Annual **summary** of
Fish and Marine Mammal Harvest Data
for the Northwest Territories

Volume 6

1993-1994

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INTRODUCTION

This report provides fish and marine mammal harvest data collected by the Department of Fisheries and Oceans (DFO) for the Northwest Territories for the period 01 April 1993 to 31 March 1994. Harvest statistics are presented for the entire N.W.T. and for three DFO administrative areas.

The report details harvest statistics for each of the commercial and experimental fisheries, marine **mammal** harvesting and recreational **fisheries**. Some data on domestic **fishing** is available, however, the harvest of seals is not currently available. These data will be reported at such time as DFO'S harvest statistics programs are expanded to monitor these fisheries.

In addition to harvest data, related information is presented on the landed value of commercial harvests, the number of commercial and sport fishing licences issued, and the number of sports **fishing** lodges. Commercial and experimental fisheries for which effort data (number of days, number and size of nets) and biological samples (weight and length measurements, aging structures, maturation information) have been collected are identified.

The report consolidates harvest statistics and related information collected by DFO staff in area **offices** in Inuvik, Hay River and Iqaluit and regional headquarters in Winnipeg. Some of the information presented was provided by the Government

of the Northwest Territories. The Department of Renewable Resources compiles vendor sales reports which were the source of the sport fishing licence information. The Northwest Territories Explorers Guide, published by TravelArctic, was the source of information on the number and bed capacity of sports **fishing** lodges.

While in the past harvest studies for the N.W.T. fishery have largely addressed **specific** fisheries, three recent projects provide a comprehensive review of the N.W.T. fishery. Yaremchuk et al. (1989) summarized commercial harvest statistics collected by DFO and other agencies from the inception of commercial fishing in 1945 through to 1987. McGowan et al. (1993) summarized the results of test fisheries conducted in the N.W.T. during 1989 to 1992. Strong (1989) **summarized** the narwhal, beluga and walrus harvest for the period 1948 to 1987 using information collected by DFO starting in the latter part of the 1970's, and earlier information collected by other agencies and individual researchers.

This report is the sixth in a series that is prepared annually to ensure that DFO harvest information is readily accessible to DFO staff and clients.

DATA SOURCES AND DATA COLLECTION

DFO maintains Area offices in the Western Arctic (Inuvik), the South/Central Arctic (Yellowknife and Hay River) and the Eastern Arctic (Iqaluit and Rankin Inlet) (Fig. 1). The Areas implement fishery and habitat management plans and programs through allocation, licensing, monitoring and compliance activities. While the same basic fish and marine mammal harvest data are used for management purposes, the Areas tailor the data collection methods to reflect differences in the nature and organization of the fisheries.

WESTERN ARCTIC AREA

Commercial Fisheries

Commercial fishermen in the Western Arctic fish primarily for their own use, but may sell some of their harvest locally. Markets are not organized formally, so it is not feasible to collect data at the point of sale using methods common to commercial fisheries elsewhere in the N.W.T.

DFO conducts a **mail-out** survey of licence holders *requesting* information for the entire year on the number of days fished, the gear used, and the harvest, sales and sales value of each species for each waterbody fished. Data collected in this manner are likely affected by recall error because **fishermen** are asked to report on their fishing activities for an entire year. Another source of inaccuracy in the data comes from recording

errors made by fishermen in filling out the survey forms. Where data on the weight of fish caught or the value of fish sold are missing, they are estimated based on area averages. In 1993/94, 12 of 22 commercial licence holders participated in the survey. No attempt has been made to estimate the harvest of all commercial fishermen based on this sample.

Marine Mammal Harvests

The Inuvialuit Harvest Study, initiated under the **land** claim settlement for the Western Arctic, enables monitoring of domestic fish and some marine mammal **harvests** of the six Western Arctic communities in the Inuvialuit Settlement Area (Fig. 2). Data are collected on a monthly basis by personal interviews with hunters and fishermen in each community and then collated and analyzed by the Harvest Study Coordinator. The Fisheries Joint Management Committee (**FJMC**), also established under the same land claim settlement, advises the Minister of Fisheries and Oceans on matters relating to the Inuvialuit Settlement Region fisheries. The FJMC, made up of equal representatives of Government and the Inuvialuit Game Council, runs a separate harvest monitoring program for beluga and walrus. This study is designed to provide more precise information than the Harvest Study to ensure that sound management advice can be provided for these two species. DFO, under the terms of reference for both studies, and with the co-operation of the Inuvialuit, has access to the data they generate.

Recreational Fisheries

The recreational fishery sector primarily consists of a resident sport fishery (approximately 333 licence holders) and, secondarily, of the tourism lodge-based fishery (4 lodges).

There was no recreational fishery monitoring in 1993/94.

SOUTH/CENTRAL ARCTIC AREA

Commercial Fisheries

The South/Central Arctic Area has the largest and most organized commercial fisheries in the N.W.T. The Great Slave Lake fishery alone accounts for about 70% of the total commercial fishery production in the N.W.T.

Much of the commercial production in the South/Central Arctic Area is marketed through the Freshwater Fish Marketing Corporation (FFMC), which is the sole buyer and seller of N.W.T. freshwater fish production destined for inter-provincial and export trade. The quotas on Great Slave Lake, and other inland fisheries delivering to the FFMC, are monitored by maintaining a running total of the FFMC'S daily catch records.

Harvest and sales for N.W.T. commercial fisheries are typically reported for the fiscal year period 01 April to 31 March of the following year. Great Slave and Kakisa Lakes however, are opened on November 1st and remain open until the quota is reached or October 31st of the following year. This is done on the request of the

fishermen to ensure that there will be quota available for a winter fishery. Section 3 presents both the production data used by the area office in Hay River for quota management (Tables 3A.5 and 3A.7) and the data reported by the FFMC (Tables 3A.6 and 3A.8). The differences between the data reported in these two tables are mainly due to the exclusion of culls and local sales from the FFMC data reports.

Fishermen making deliveries directly to the FFMC are paid an initial price on delivery and a final payment after the end of the fiscal year which is dependant on the FFMC'S profits. As this report is published in advance of final payments, such payments are excluded from this report. Appendix 1 shows the amount of final payments, by species, for the past 5 years.

Much of the Arctic chain harvested in the South/Central Arctic Area is delivered to the fish plant operated by the Ikaluktutiak Co-operative in Cambridge Bay. The Co-op also co-ordinates the fishing and pays most of the fishing expenses. It provides a "grub stake" to the fishermen at the beginning of each fishing season and pays an initial per kilogram price of \$1.87/kg for their catch on delivery. Some of the commercial harvest is sold locally, but most is shipped, at the expense of the Co-op to southern markets. Landed value is calculated by multiplying the harvest by the initial per kilogram price.

The remaining char fisheries in the South/Central Arctic Area are of a much smaller scale and sales are made either between communities or locally. Sales slips from co-operatives or Hunters and Trappers'

Associations provide data on the harvest and landed values.

Marine Mammal Harvests

The marine mammal harvests reported here occur in the eastern communities of the Kitikmeot region, and are limited to beluga and narwhal. In 1993/94 there was no harvest of beluga or narwhal. Data has been made available through the co-operation of the various Kitikmeot Hunters and Trappers' Associations and the Department of Renewable Resources, Government of the Northwest Territories.

Recreational Fisheries

There is a significant recreational fishery on waterbodies close to the major population centres of **Yellowknife** and Hay River. The lodge-access recreational fishery is also **important, with 32 lodges** offering access to remote waterbodies. Eighty-one percent of all resident sports fishing **licences** and 82% of all non-resident licence sales are sold in the South/Central Arctic area.

Only the lodge-access fishery was monitored in 1993/94 and that monitoring was limited to the angler diary programs at Brabant Lodge and Blachford Like Lodge. The program, conducted in co-operation with fishing lodges, is a voluntary reporting system in which guests record their fishing effort and catches in diaries. Lodge staff forward completed diaries to DFO for analysis and reporting.

Domestic Fisheries

Five communities recorded landings for their aboriginal food fishery. Survey results vary from an unknown percentage of total harvest

to 90% of the total harvest from some waterbodies.

EASTERN ARCTIC AREA

Commercial Fisheries

The Eastern Arctic Area primarily consists of small-scale arctic charr commercial fisheries. In recent years there has also been inshore marine experimental fishing off the coast of **Baffin** Island, the species of interest being turbot, cod, scallops and shrimp. The most active of these developmental fisheries has been the Pangnirtung turbot fishery. Baffin Island Inuit also participate in the offshore fishery for northern shrimp, but the monitoring of this large-scale **fishery** is done by DFO'S Atlantic Fisheries Service under the Northern Shrimp Management Plan.

Most of the Keewatin (West Hudson Bay) charr fisheries deliver to fish plants in Whale Cove, Chesterfield Inlet, Arviat and Rankin Inlet. These plants are operated by the Northwest Territories Development Corporation. The plants buy fish from fishermen, wash, freeze and pack, and then ship their production to export markets. Reliable harvest information can be obtained from sales slips.

The price the fishermen receive is set by the plant and is based on a fair return to fishermen, less anticipated plant expenses. The total payments made by the plants to fishermen are the landed values shown in Table 4A.4. The harvest from the remaining Keewatin charr fisheries and **from the Baffin** Island charr fisheries are sold within the N.W.T.

Commercial Fisheries (cont'd)

The harvest data for these fisheries is collected by Government of the Northwest Territories Renewable Resource officers from sales tickets and is considered to be fairly accurate.

Marine Mammals

N.W.T. marine mammal harvesting is concentrated in the Eastern Arctic Area, with virtually all of the narwhal and walrus harvest and 68% of the beluga harvest.

Accurate data on the narwhal harvest are provided by monitoring tag returns. The walrus and beluga harvests are monitored in co-operation with Renewable Resources by observations of community hunts. As this method depends on a Renewable Resource Officer or a Fishery Officer being present when hunting occurs, much of the harvest data are incomplete or missing.

Fortunately, improvements in the **reporting** of **marine mammal** harvests are on the horizon. Under the provisions of **the** Nunavut Settlement Agreement, a 5 year wildlife harvest study is to be conducted in each of the 3 Regions (**Baffin, Keewatin** and Kitikmeot) of the Nunavut Settlement Area. The Study will furnish data on all Inuit use of wildlife resources. Data from the Study are to be available to the Government of Canada, the Territorial Government and Inuit. DFO will seek to co-operate with the Nunavut Wildlife Management Board in reporting on domestic harvests of marine mammals.

Recreational Fisheries

A total of 1730 sports fishing licences were sold in the Eastern Arctic, 807 to non-residents of the Northwest Territories. Eight fishing lodges were operating in 1994. No monitoring studies were conducted on recreational fisheries in the Eastern Arctic during 1993/94.

GLOSSARY OF TERMS

Commercial Fisheries

Commercial fishing is fishing for sale or barter. Schedule V of the N.W.T. Fisheries Regulations specify the waters **in which commercial fishing can take place**. These waters are closed to commercial fishing unless opened by **variation order** made by the **Regional Director General**, Central and Arctic Region.

Data Source

The data contained in this report come **from** a **variety** of sources. In the detailed tables showing the harvest **from** specific commercial or experimental fisheries the data source is indicated by one of the following codes:

DCR = Freshwater Fish Marketing Corporation's daily catch records. These record daily totals of the purchases made by agents of the Corporation in terms of the species, weight and price paid.

EDO= Data provided by the Economic Development officers in each **community**.

EFL = Data provided to **fulfil** the conditions of an experimental fishing licence.

FJM= Fisheries Joint Management Committee's Harvest Study data for the Inuvialuit Settlement Area.

FO = Fisheries Officers' observations or estimations.

FSV= Mail out survey of fishermen (Western Arctic)

FYA = Five year average. For many communities, there are years during which there is no monitoring of the marine mammal harvests. In these years an average is calculated **from** the most recent five years of data available. This provides some indication of harvest levels in recent years, but in no way is intended as a precise estimate of the community's harvest.

GLO= Acting on behalf of Renewable Resource officers, reports transmitted verbally by the Government Liaison officers, based on their observations and estimations.

HTA= Hunters' and Trappers' Association

RR0 = Verbal reports from Renewable Resource officers, based on their observations and estimations.

STR= Sales slips or trade records collected by either DFO staff or Renewable Resource officers.

TAG= The harvest of narwhal is under quota and monitored by a tag system. Each community is given a limited number of tags and this represents the maximum number of narwhal that can be harvested. Each time a narwhal is harvested a portion of the tag is returned to DFO, providing **an** accurate count of *the* harvest.

Data Quality

With the exception of those areas where a five year average is used (see FYA above), a data quality measure is given in terms of the “maximum estimated error.” These are estimated by the area biologists, based on their knowledge of the fishery, and are a measure of the maximum error that could possibly be associated with the data. For example, a data quality measure of +/-50% would indicate that a reported harvest of 1000 kgs could, in the worse cases, be either 500 kgs or 1500 kgs.

Where the data source is listed as “FYA” the range of harvest values is presented for the years **from** which the FYA has been calculated.

Experimental Fisheries (formerly Experimental Fisheries)

To commercially fish a waterbody that is not listed on Schedule V of the N.W.T. Fisheries Regulations, a fisherman or fishing company must apply to DFO for permission to conduct an experimental fishery. Experimental **Licences** when issued identify the quota for each species, the gear that can be used, the number of fish DFO requires for biological samples, and the **information** the proponent must provide on their fishing effort. If an experimental **fishery** is shown to have stocks sufficient to support a commercial fishery, after five years of fishing, it may be added to Schedule V of the N.W.T. Fisheries Regulations.

Harvest

The numbers shown as harvest reflect an estimate of the total weight of fish or total number of marine mammals harvested. Fish harvests are reported in the live or round weight equivalent. Because fishermen can actually sell fish in a variety of forms (round, gutted and gutted with head off), conversion factors are used to determine the live weight equivalent.

In the Western Arctic, where harvests are reported by fishermen as numbers of fish, the round equivalent weights are estimated by multiplying by an estimate of the average weight of each species.

Marine mammal harvests are reported by community and are based on the best data available on the number of animals landed. Currently, no corrections are made for animals lost. If there are no data available, the five year average for the community is reported to provide an indication of the historical level of harvesting activity.

Landed Value

The landed value represents the payments received by commercial fishermen for sales of their fish. For those fishermen selling their harvest to the **FFMC**, these values do not include **final** payments (see Appendix 1). For the less organized markets in the Eastern and Western Arctic areas, landed values are estimated by multiplying the harvest weight by the estimated average prices received. The landed values that are reported for the Great Slave Lake and Kakisa Lake fisheries do not include subsidies administered by the Government of Northwest Territories. In some **fisheries** in the Northwest Territories, the subsidies are allocated directly to the fish handling and processing facilities to cover freight costs, and are included in the per kilogram price of fish (see Appendix 2).

(ll)

This is an abbreviation for land locked. It is used to differentiate landed locked arctic charr **from** anadromous arctic charr.

rd kgs

This is an abbreviation for round weight equivalent kilograms.

Resident

1990/91 was the first year that separate sports fishing licences were sold to Northwest Territorial residents and residents of the rest of Canada. Prior to that year, resident referred to a Canadian resident. Now resident refers to a resident of the Northwest Territories.

Non-resident

With respect to sports fishing licences, a non-resident refers to non-Canadian residents.

Sports Fishing Licence

The Fisheries Act and its regulations stipulate that people between 16 and 65 years of age wishing to sport fish in the N.W.T. must purchase a sport fishing licence.

(sr)

This is an abbreviation for sea run. It is used to differentiate anadromous arctic charr from land locked.

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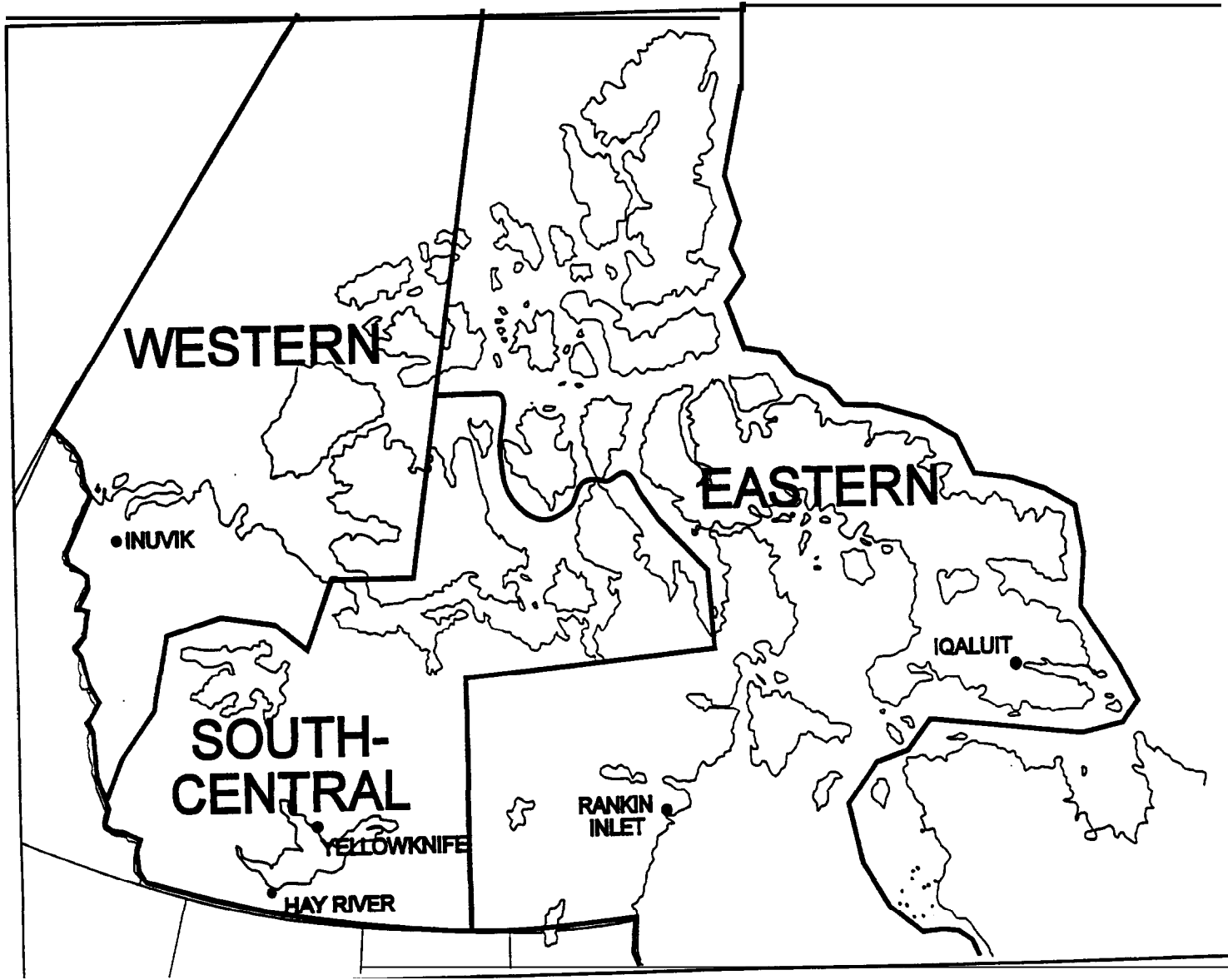
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SECTION 1
NORTHWEST TERRITORIES SUMMARY

Figure 1
Northwest Territories
Department of Fisheries and Oceans
Administrative Areas



NORTHWEST TERRITORIES
1993/94 STATISTICAL HIGHLIGHTS

Commercial and Experimental Fisheries

126 waterbodies opened for commercial **fishing** under Schedule V of the N.W.T. Fisheries Regulations;

- 65 waterbodies were commercially **fished**;

563 commercial **fishing** licences sold to 468 **fishermen**;

72 waterbodies opened for experimental **fisheries**, of which 34 were **fished**;

Total reported commercial and experimental **fishery** landings of 1991979 kg and landed value of \$2171 444;

Principal commercial and experimental species harvested were lake **whitefish** (57% of landings), turbot (20%), arctic charr (8%) and, northern pike (6%);

Great Slave Lake accounted for 70% of the N.W.T. commercial harvest.

Recreational Fisheries

13 433 sports **fishing** licences sold, including 6708 N.W.T resident licences, 3509 other Canadian resident licences, 2222 non-resident licences, 995 Special Management Area Licences for Great Bear Lake and 642 Inuvialuit Settlement Region Validation Licences;

Total sales of sports **fishing** licences were down 7% **from** 1992/93.

- 44 lodges with a total bed capacity of 918;

Marine Mammal Harvest

- Marine mammal harvest of 382 beluga, 331 narwhal and 389 walrus.

A. **COMMERCIAL AND EXPERIMENTAL FISHERIES**

Table IA.1

Northwest Territories, Schedule V Commercial Fisheries,
Harvests and Landed Values, by Area 1993/94

Area	Number of Schedule V Fisheries		Harvest (rd kgs)	Landed Value (a)
	Opened	Fished		
western Arctic	14	5	1238	\$2325
South/Central Arctic	39	21	1 437%7	1 009 646
Eastern Arctic	73	39	72528	212298
Total	126	65	1511733	\$1224269

Table IA.2

Northwest Territories, Schedule V Commercial Fisheries
Harvests and Landed Values, by Species, 1993/94

Species	Harvest (rd kgs)	Landed Value (a)
Arctic Charr (U)	3038	\$11622
Arctic charr (sr)	123943	309700
Lake whitefish	1140822	671948
Broad whitefish	897	1675
Lake trout	60848	27175
Walleye	34392	74274
Northern Pike	112100	71400
Inconnu	35693	56475
TOTAL	1511733	\$1224269

(a) does not include final payments for harvest delivered to the FFMC, see Appendix 1.

Table IA.3

Northwest Territories, **Experimental Fisheries**
Harvests and Landed **Values**, by Area, 1993/94

Area	Number of Experimental Fisheries	Number of Waterbodies		Harvest Landed	
		Licensed	Fished	(rd kgs)	value
Westetn Arctic	2	2	1	13076	,\$15350
South/central Arctic	12	25	11	7717	32301
Eastern Arctic	38	45	22	459453	899524
Total	52	72	34	480246	\$947175

Table IA.4

Northwest Territories, Experimental Fisheries,
Harvests **and** Landed Values, by Species, 1993/94

	Harvest (rd kgs)	Landed Value
Arctic Clarr	34153	\$124715
Lake whitefish	50	50
Broad whitefish	11821	12530
Lake trout	1000	2460
Illconnu	1124	2731
Turbot	401709	778000
scallops	30258	26600
Other	131	89
Total	480246	\$947175

Table IA.5

**Northwest Territories, Schedule V Commercial Fisheries
and Experimental Fisheries, Total Harvests and
Landed Values, by Area, 1993/94**

Area	Harvest (rd kgs)	Landed Value (a)
western Arctic	14314	\$17675
south central Arctic	1445684	1041947
Eastern Arctic	531981	1111822
Total	1991979	\$2171444

(a) does not include final payment for harvest delivered to the FFMC, see Appendix 1

Table IA.6

**Northwest Territories,
Commercial Fishing Licence Saks
and Number of Licensed Commercial Fishermen,
by Area, 1993/94**

Area	Number of Licences Sold	Number of Licensed Fishermen
Western Arctic	22	22
South/Central Arctic	160	150
Eastern Arctic	379	295
Total	561	467

B. MARINE MAMMAL HARVESTS

Table IB.1

Northwest Territories, Marine Mammal Harvests,
by Species and Area, 1993/94

Area	Beluga	Narwhal	Walrus
Western Arctic	124	0	0
South/Central Arctic	0	0	0
Eastern Arctic	258	331	389
Total	382	331	389

C. RECREATIONAL FISHERIES

Table IC.1

Northwest Territories, Resident and Non-resident
Sports Fishing Licence Saks and Revenues, 1993/94.

category	Number of Licences Sold	Revenues
N.W.T. Resident	6708	\$67080
Other Canadian Resident	3509	69530
Non-resident	2222	88100
Special Management Area (a)	994	9940
Total	13433	\$234 650

(a) special licence which must be purchased in addition to a sports fishing licence to gain access to Great Bear Lake.

Table IC.2

Northwest Territories, Resident and Non-resident
Sports Fishing Licence Sales Trend

Year	N.W.T. Resident	N.W.T. Residents	Other Canadian Residents	Non- resident S.M.A.	(a) I.S.R.	(b)	Total
1981/82	11484	-	-	3962	-	-	15446
1982/83	11402	-	-	3289	-	-	14691
1983/84	10842	-	-	3421	-	-	14263
1984/85	12656	-	-	3363	-	-	16019
1985/86	13281	-	-	3626	-	-	16907
1986/87	11909	-	-	3284	-	-	15193
1987/88	13502	-	-	3802	-	-	17304
1988/89	13353	-	-	3363	-	-	16716
1989/90	13807	-	-	3564	-	-	17371
1990/91	-	7397	4805	2368	490	-	15060
1991/92	-	7041	4795	2576	649	-	15061
1992/93	-	7120	4121	2029	1132	672	14402
1993/94	-	6708	3509	2222	994	642	13433

* 1990/91 was the first year that separate licences for N.W.T. residents and other Canadians were available.

(a) Great Bear Lake Special Management Area

(b) Inuvialuit Settlement Region Validation (used with a Sport Fishing Licence, so there is no charge).

Table IC.3

**Northwest Territories, Resident and Non-resident
Sports Fishing Licence Sales and Revenue,
by Area, 1993/94.**

Area (a)	N.W.T. Residents		Other Canadian Residents		Non-resident		Total	
	Number Sold	Revenues	Number Sold	Revenues	Number Sold	Revenues	Number Sold	Revenues
western Arctic	333	\$ 3 330	154	\$2950	69	\$2240	556	\$8520
South/Central Arctic	5452	54520	29	58955	1732	69190	10153	182665
Eastern Arctic	923	9230	386	7625	421	16670	1730	33525
Total	6708	\$67080	3509	\$69530	2222	\$88100	12439	\$224710

(a) Sales and revenues for *each area* are approximate because the GNWT Department of Renewable Resources, which is responsible for the sale of sports fishing licences, has administrative areas that do not correspond exactly with the DFO administrative areas.

Table IC.4

**Northwest Territories, Resident and Non-residents,
Special Management Area Licence
Sales and Revenue, by Area, 1993/94**

Area	Number Sold	Revenues
Western Arctic	0	\$0
South/Central Arctic	994	9940
<i>Eastern Arctic</i>	0	0
Total	994	\$9940

Not broken down by resident or non-residents.

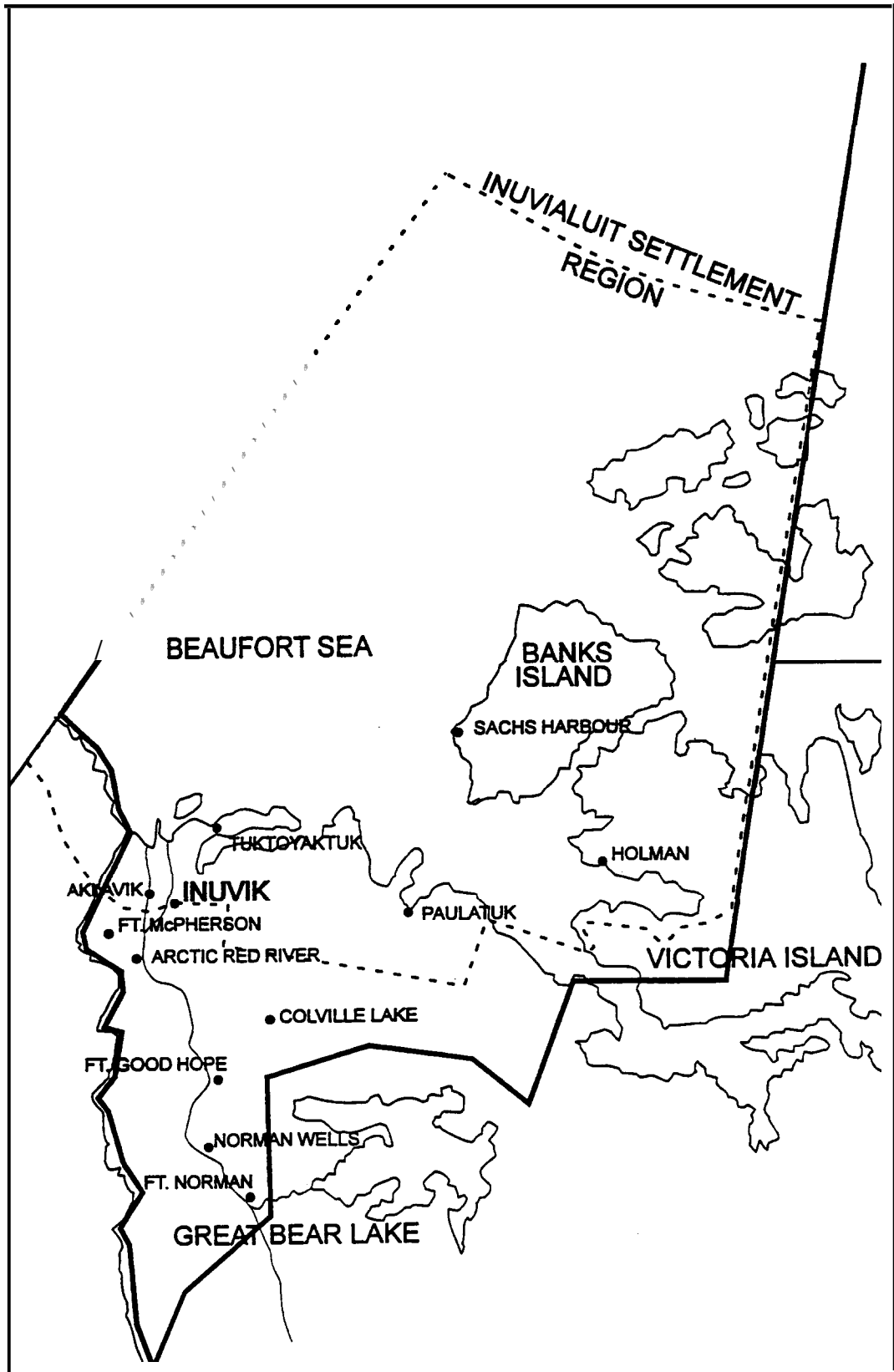
Table IC.5

**Northwest Territories,
Number of Licensed **Fishing** Lodges
and Total Bed **Capacity, 1993/94.****

<i>Lodges</i>	<i>Lodges</i>	Bed Capacity
Western Arctic	4	77
South/Central Arctic	32	676
Eastern Arctic	8	165
Total	44	918

SECTION 2
WESTERN ARCTIC AREA

Figure 2
WESTERN ARCTIC AREA



WESTERN ARCTIC AREA
1993194 STATISTICAL HIGHLIGHTS

Commercial and Experimental Fisheries

14 waterbodies were opened for commercial fishing under Schedule V of the N.W.T. Fisheries Regulations, 5 of which were fished commercially;

22 commercial fishing licences sold to 22 fishermen in 5 Western Arctic communities;

- 55% of commercial licence holders reported landings to DFO;
- Total reported landings were 13472 kg, 91% of which was retained by commercial fishermen for their own use;
- 2 waterbodies were licensed for experimental fisheries;
- Total reported commercial (sales) and experimental fishery landings of 14314 kg and landed value of \$17 675;

Principal commercial species reported sold were broad whitefish (93% of sales volume), **inconnu** (7%), and others (1%);

Recreational Fisheries

- 556 sport fishing licences sold, including 333 N.W.T. resident, 154 other Canadian resident, and 69 non-resident licences. In addition, 642 licences were issued for the Inuvialuit Settlement Region;

4 lodges with a total bed capacity of 77 beds.

Marine Mammal Harvest

- Marine mammal landed harvest of 124 beluga.

A. COMMERCIAL AND EXPERIMENTAL FISHERIES

Table 2A.1

**Western Arctic Area,
Schedule V Commercial Fisheries
Total Harvest, Amount Sold and Sales Value, by Species
1993/04**

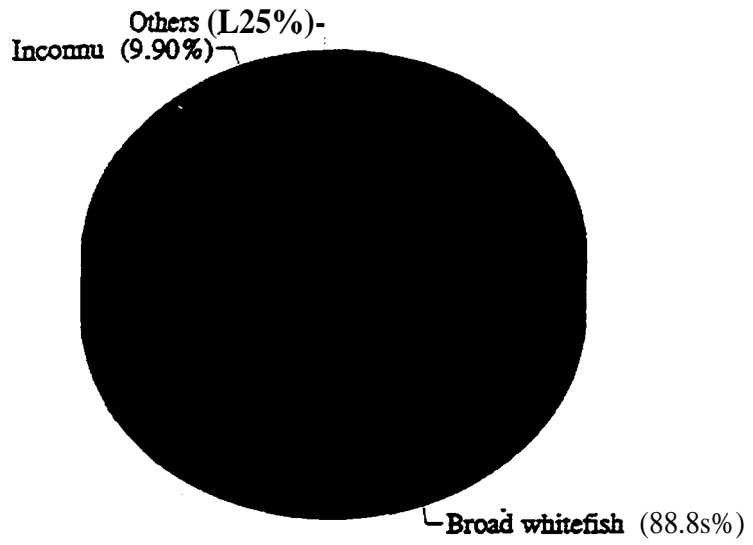
Species	Total Harvest (rdkgs)	Amount Sold (rd kgs)	Sales Value
Broad whitefish	8246	897	\$1 675
Burbot	990	0	0
Inconnu	1715	293	475
Lake (Tou	60	48	175
Lake whitefish	1633	0	0
Northern pike	743	0	0
others	85	0	0
Total	13472	1238	\$2325

Table 2A.2

**Western Arctic Area, Experimental Fisheries,
Harvests and Landed Values, by Species, 1993/94**

Species	Harvest (rd kgs)	Landed Value
Broad whitefish	11821	\$12530
Whitefish roe	131	89
Inconnu	1124	2731
Total	13076	\$15350

**Fig. 2A.1 - Western Arctic Area,
Schedule V Commercial and Experimental Fisheries,
Amount Sold and Harvests by Species,
1993/94 Total = 14314 kgs**



**Fig 2A.2 - Western Arctic Area,
Schedule V Commercial and Experimental Fisheries,
Sales Value by Species
1994/94 Total = \$17765**

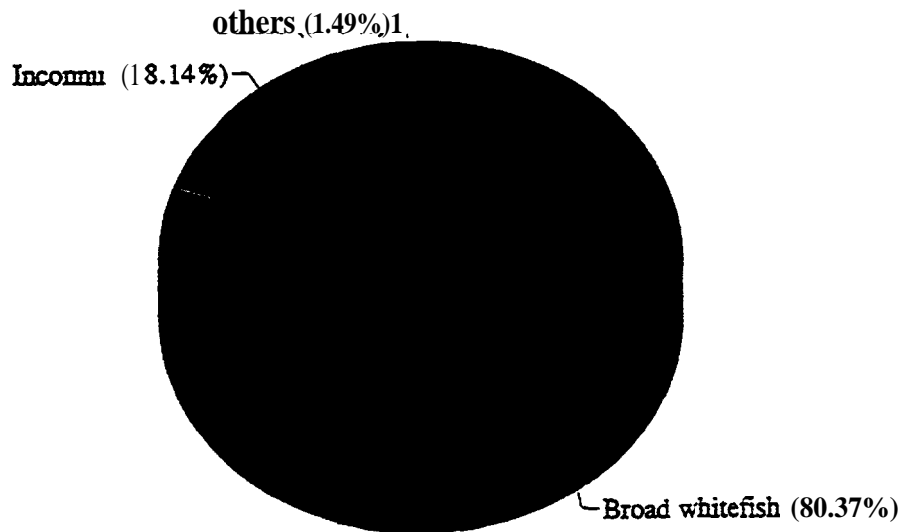


Table 2A.3

Schedule V **Commercial** Fisheries
 Western Arctic Area
 1993/94

Community/ Waterbody Information	Species	Quots	Harvest (rd kgs)	Amount	Landed	Data Sorsrcc	Data Quality	Other	Data	Contact
				Sold	Value (\$)					
Alfred Lake Sch. V No. : 1-1 Location : 65-34N 126-33W Open Season: 08MAY93 -31 MAR94	Lake trout Lake whitefish	28tM	t)	0	0	1'SV	--			
Brackett Lake Sch. V No. : 1-5 Location : 65-13N 125-20W Open Season: 08MAY93 -31 MAR94	Lake trout Lake whitefish	2800	0	0	o	FSV	-			
Kagloryuak River Sch. V No.: IV-16 Location: 70-18N 111-24W Open Season: 160C'f93 - 30NOV93	Arctic charr (sr)	4500	0	0	0	FSV	--			
Lemie Lake Sch. V No. : 1-10 Location : 65-34N 126-33W Open Season: 08MAY93 -31 MAR94	Lake whitefish	2800	0	(t	0	FSV	--			
Liverpool Bay Sch. V No. : 1-11 Location : 69-45N 130-OOW Open Season: 08MAY93 -31 MAR94	Inconnu Cisco Herring	1200 24cm 2fmo	0 o o	0 0 0	0 0 0	FSV	--			

NOTE: DATA IS INCOMPLETE. ONLY THE HARVESTS OF 55% OF LICENSED COMMERCIAL FISHERMEN WERE REPORTED TO DFO.

Data quality estimates are omitted because it is impossible to estimate how much **those** fishermen who did not fill out a survey harvested.

Table 2A.3 (cont'd)

Schesfrsfe V Comssrerclal Fisheries
Western **Arctic Area**
1993/94

commuNty/ Waterbody Information	Species	Quota -----	Harvest (rd kgs)	Amount	Landed	Dars Source	Data		
				Sold -----	Value (\$)		Quality	Other	Data
Mackenzie Delta (Area II)									
Sch. V No. : I-13	Burbot)	--	600	0	0	FSV	--		
Location : 68-15N 125-20W	Northern pike)	451M	283	0	0				
Open Season: 08MAY93 -31 MAR94	Cisco	2300	0	0	0				
	Broad whitefish	2000	3128	552	1170				
	Inconnu	--	545	68	75				
	Lake whitefish	--	73	0	0				
	Others	-	23	0	0				
Mackenzie Delta (Area III)									
Sch. V No. : I-14	Burbot)								
Location : 68-20N 135-00W	Northern pike)	4600	0	0	0	FSV	--		
Open Season: 08MAY93 -31 MAR94	Lake trout	2300	0	0	0				
	Cisco	2300	0	0	0				
	Broad whitefish	1000	0	0	0				
Mackenzie Delta (Area IV)									
Sch. V No. : I-15	Inconnu	4600	0	0	0	FSV	--		
Location : 69-20N 135-00W	Broad whitefish	1000	460	0	0				
Open Season: 08MAY93 -31 MAR94	Herring	500	0	0	0				
Mackenzie Delta (Area V)									
Sch. V No. : I-16	Broad whitefish	1000	2300	345	505	FSV	--		
Location : 63-30N 132-45W	Herring	600	0	0	0				
Open Season: 08MAY93 -31 MAR94	Lake whitefish	--	871	0	0				
	Inconnu	--	720	225	400				
	Northern pike	--	230	0	0				
	Burbot	--	90	0	0				
	Others	--	60	0	0				

NOTE: DATA IS INCOMPLETE. ONLY THE HARVESTS OF 55% **OF** LICENSED COMMERCIAL FISHERMEN WERE REPORTED TO DFO.

Data **quality** estimates are omitted because **it** is impossible to estimate how much those **fishermen** who did not fill out a survey harvested.

Table 2A.3 (cont'd)

Schedule V **Commercial Fisheries**
 Western Arctic Area
 1993/94

Community/ Waterbody Information	species	Quota	Harvest (rd kgs)	Amount Sold	Landed Value (\$)	Data Source	Data Quality	OUrcr	Data Contact
Mahony Lake Sch. V No. : I -17 Location : 65-30N 125-20W Open Season: 08MAY93 -31 MAR94	Lake trout Lake whitefish	46(XI)	0	0	0	Fsv	--		
Manuel Lake Sch. V No. : I -18 Location : 67-OON 128-56W Operr Season: 08MAY93 -31 MAR94	Lake trout) Lake whitefish)	800	0	0	0	FSV			
Peel River Sch. V No. : I -21 Location : 67-37N 134-52W Open Season: 08MAY93 -31 MAR94	Broad whitefish Lake whitefish Inconnu Northern pike Burbot Others	23fxt	2300	0	0	FSV	--		
Rorey Lake Sch. V No. : I -23 Location : 66-55N 128-25W Operr Season: 08MAY93 -31 MAR94	Lake trout) Lake whitefish)	800	0	0	0	FSV	--		
Sitidgi Lake Sch. V No. : I -25 Location : 68-30N 132-40W Open Season: 08 MAY93 -31 MAR94	Lake trout) Lake whitefish) Broad whitefish Others	300	60	48	175	FSV	--		

NOTE: DATA IS INCOMPLETE. ONLY **THE** HARVESTS OF 55% **OF** LICENSED COMMERCIAL FISHERMEN WERE REPORTED TO DFO.

Data quality estimates are omitted because it is impossible to estimate how much those **fishermen** who did not fill out a survey harvested.

Table 2A.4

Western Arctic Area
Experimental Fisheries
 1993/94

Licence Number, Waterbody Name and Location	Species	Gear or Mesh Size	Quota (rd kgs)	Harvest	Landed Value	Data Source	Data Quality	Other Data Available	Contact
EF-9394-13									
Middle Channel (Mackenzie River)	Broad whitefish	139 mm	20450	11 821	12530	13FL	+/- 0%		
69-21N 135-33W	Northern pike	139 mm	10200	0	0				
	halibut	139 mm	3400	1124	2731				
	Whitefish roe		..	131	89				
IX-9394-27									
Mackenzie Delta (Area V) 63-30N 132-45W	Broad whitefish	139 mm	1000		NOT FISHED				

NOTE: whitefish me includes eggs **and** pipes (stomachs) of broad whitefish.

Table 2A.5

Western Arctic Area,
Commercial Fishing Licence Sales and
Number of Licensed Commercial Fishermen, by Community
1993/94

Community	Resident		Non-resident		Total	
	Licences	Fishermen	Licences	Fishermen	Licences	Fishermen
Aklavik	2	2	0	0	2	2
Arctic Red River	2	2	0	0	2	2
Fort Good Hope	1	1	0	0	1	1
Holman Island	0	0	0	0	0	0
Inuvik	15	15	0	0	15	15
Norman Wells	0	0	0	0	0	0
Paulatuk	0	0	0	0	0	0
Tuktoyaktuk	2	2	0	0	2	2
Total	22	22	0	0	22	22

B. MARINE MAMMAL HARVESTS

Table 2B.1
Western Arctic Area, Marine Mammal Harvests,
by Species and Community, 1993/94

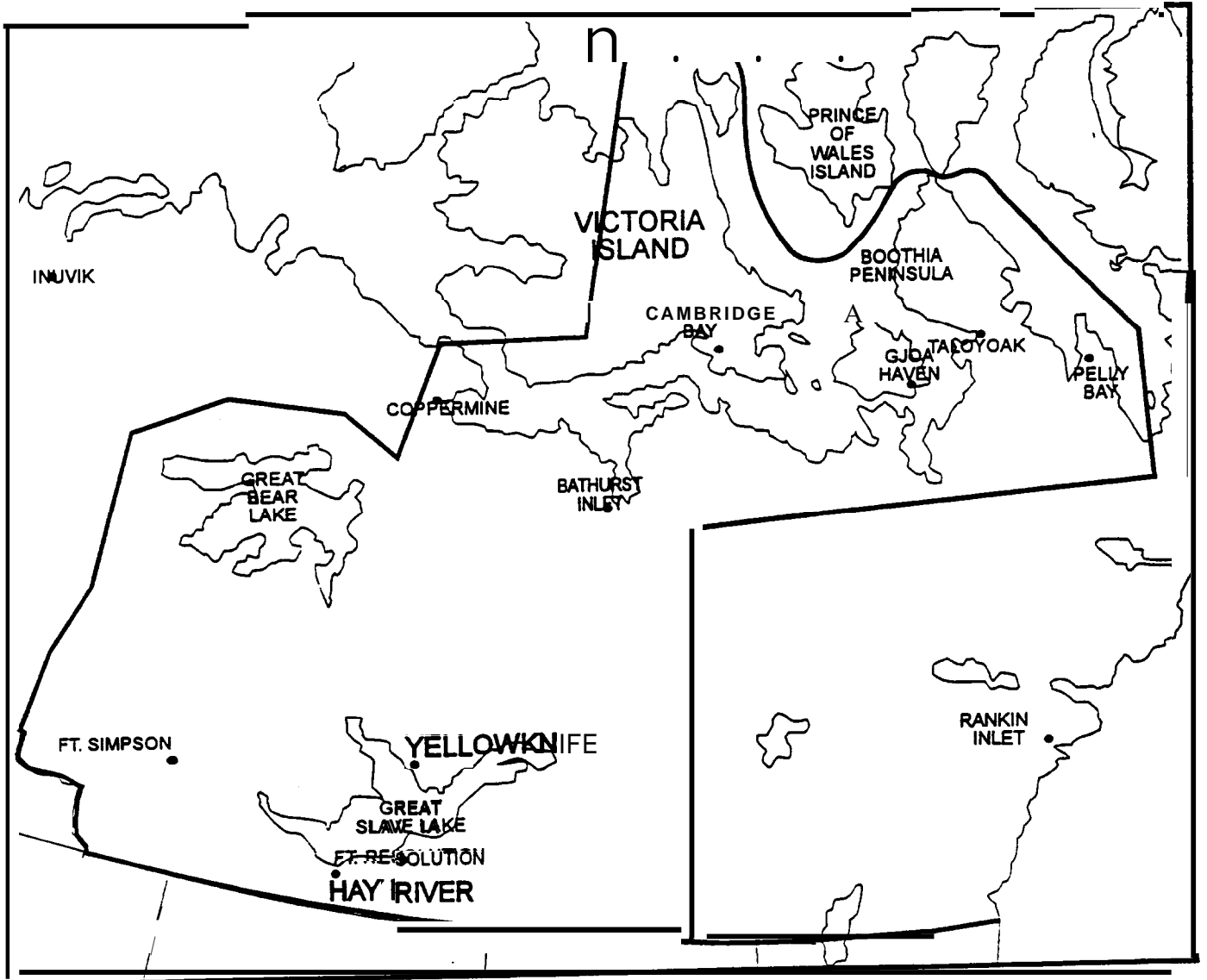
Community	Species	Number Landed (a)	Data Source	Data Quality
Aklavik	Bowhead	0	FJM	n/a
	Beluga walrus	36	FJM	+/- 0%
	walrus	0	FJM	n/a
Holman	Beluga walrus	0	FJM	n/a
	walrus	0	FJM	n/a
Inuvik	Beluga walrus	60	FJM	+/- 0%
	walrus	0	FJM	n/a
Paulatuk	Beluga walrus	3	FJM	+/- 0%
	walrus	0	FJM	n/a
Sachs Harbour	Beluga walrus	0	FJM	n/a
	walrus	0	FJM	n/a
Tuktoyaktuk	Beluga walrus	25	FJM	● FJ- 0%
	walrus	0	FJM	n/a
Western Arctic Totals	Bowhead	0	FJM	n/a
	Beluga walrus	124	FJM	+/- 0%
	walrus	0	FJM	n/a

(a) Quantities are adjusted to include animals that were lost.

n/a = not applicable

SECTION 3
SOUTH/CENTRAL ARCTIC AREA

Figure 3
SOUTH/CENTRAL ARCTIC AREA



**SOUTH/CENTRAL ARCTIC AREA
1993/94 STATISTICAL HIGHLIGHTS**

Commercial and Experimental Fisheries

39 waterbodies opened for commercial fishing under Schedule V of the N.W.T. Fisheries Regulations, of which 21 were fished;

160 commercial fishing licences were sold to 150 fishermen in 9 **South/Central Arctic** communities;

25 waterbodies licensed for experimental fisheries, of which 11 were fished;

Total reported commercial and experimental fishery **landings** of 1445684 kgs and landed value of \$1041 947;

Principal **commercial** species harvested were lake **whitefish** (79% of landings), northern pike (8%), arctic **charr** (4%) and lake trout (4%);

Great Slave Lake accounted for 94% of the **Area's commercial** fishery landings.

Recreational Fisheries

10 153 sport fishing licences sold, including 5452 N.W.T resident, 2969 other **Canadian** resident, **and 1 732** non-resident licences. **In** addition, 994 **Special** Management Area licences were sold to anglers wishing access to Great Bear Lake;

32 lodges with a total bed capacity of 676 beds;

2 lodges participated in the angler diary monitoring **program**. **Fifty two anglers** at Blachford Lake Lodge reported harvests of 321 lake trout and 187 other species. Twelve anglers at Brabant Lodge, located on the Mackenzie River participated in the angler diary monitoring program. Because of the low participation rate at Brabant Lodge, there was insufficient data to make accurate harvest estimates.

Marine Mammal Harvest

There were no harvests of narwhal, beluga or walrus.

Domestic Fisheries

Total reported domestic fishery landings of 91564 kgs.

A. COMMERCIAL AND EXPERIMENTAL FISHERIES

Table 3A.1

**South/Central Arctic Area,
Schedule V Commercial Fisheries,
Harvest and Landed Values, by Species,
1993/94**

species	Harvest (rdkgs)	Landed (a) value
Arctic char (U)	45	\$99
Arctic charr (sr)	54408	108925
Inconnu	35400	56000
Lake trout	60800	27000
Lake whitefish	1140822	671948
Northempike	112100	71400
Walleye	34392	74274
Total	1437967	\$1009646

(a) does not include final payments for barvest delivered to the FFMc, see **Appendix 1**. Does not include subsidies administered by the ONWT, see Appendix 2.

Table 3A.2

**South/Central Arctic Area,
Experimental Fisheries, Harvests and
Landed Values, by Species, 1993/94**

species	Harvest (rd kgs)	Landed value
Arctic charr (Sr)	6667	\$29 791
Lake trout	1000	2460
Lake whitefish	50	50
Total	7717	\$32301

Fig. 3A.1 - South/Central Arctic Area,
 Schedule V Commercial Fisheries,
Harvests by Species,
 1993/94 Total = 1 437 738@

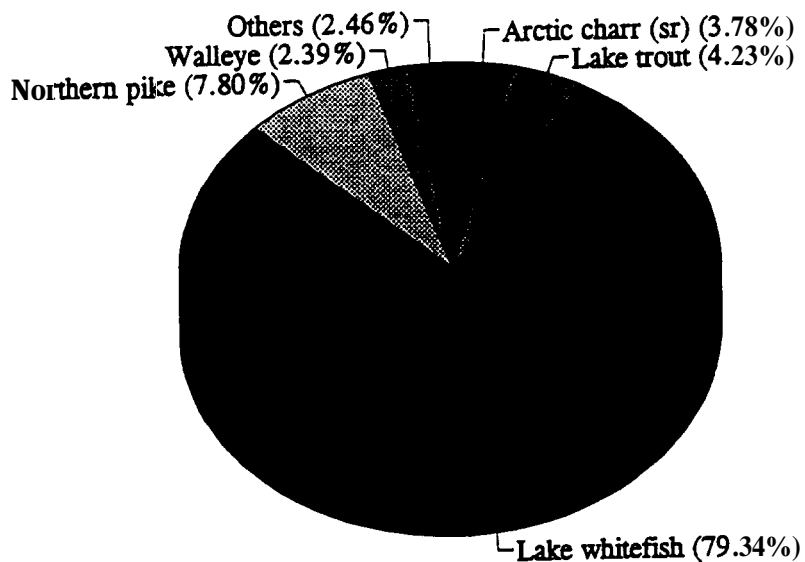
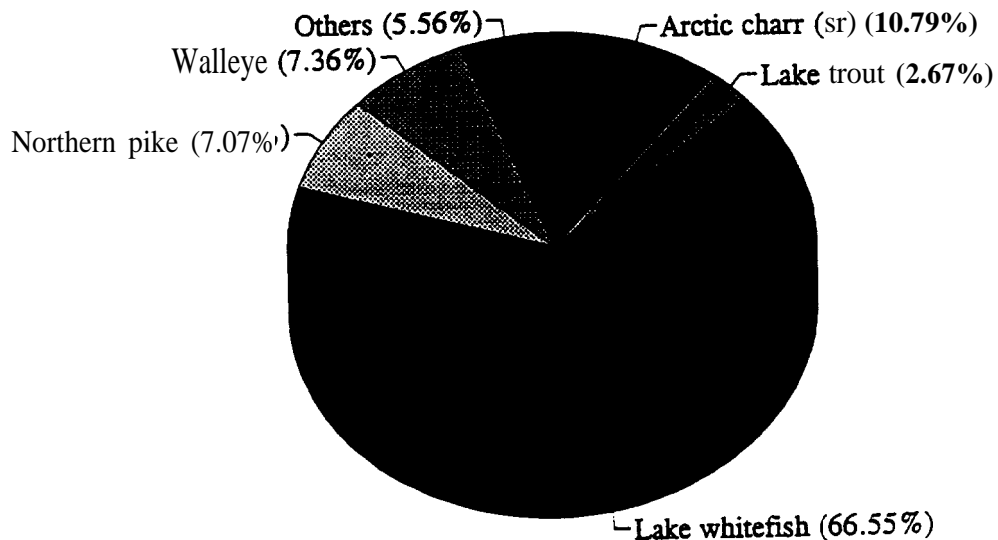
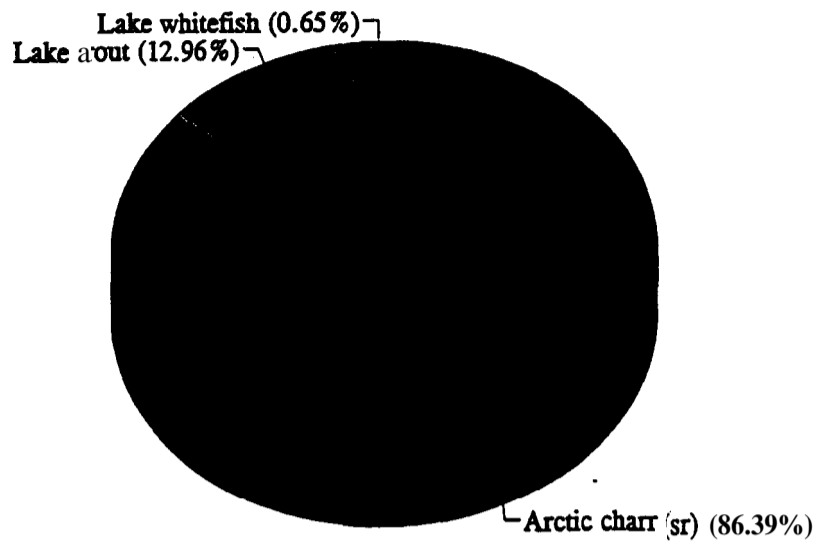


Fig. 3A.2 - South/Central Arctic Area,
 Schedule V Commercial Fisheries,
Landed Values by Species,
 1993/94 Total = \$1009646



**Fig. 3A> South/Central Arctic Area,
Experimental Fisheries,
Harvest by Species,
1993/94 Total = 7717 kgs**



**Fig. 3A.4- South/Central Arctic Area,
Experimental Fisheries,
Landed Values by Species,
1993/94 Total = S32 301**

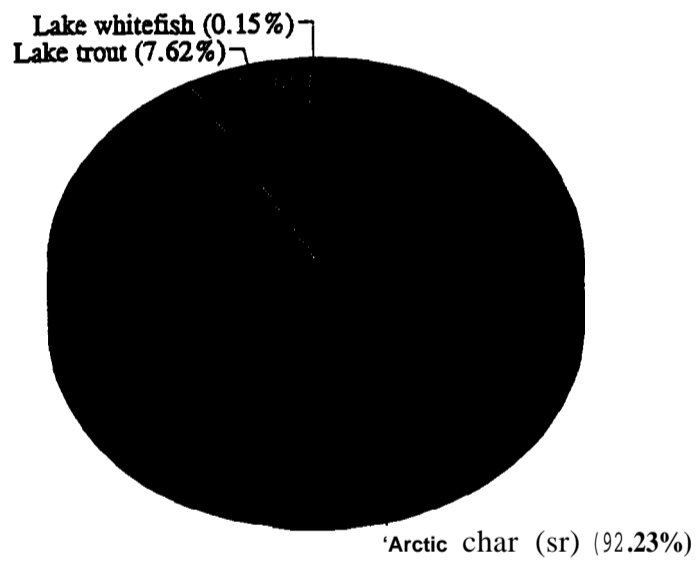


Table 3A.3

South/Central Arctic Area
Arctic Charr Commercial Fisheries, by Community
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value. (\$)	Data Source	Data Quality	Other Data	Contact
CAMBRIDGE BAY								
Ekalluk River Sch. V No. : IV -9 Location : 69-25N 106-17W Open Season: OIAUG93 -30SEP93	Arctic charr (sr)	7500	1478	3252	FO +/-	10 %	Samples	G. Low
Ellice River Sch. V No. : IV -JO. Location : 68-03N 104-OOW Open Season: 01 AUG93 -30SEP93	Arctic charr (sr)	8000	8016	14990	STR +/-	1%	Samples	G. Low
Halovik River (30 Mile River) Sch. V No. : IV -13. Location : 69-ION 107-04W Open Season: OIIUL93 -30SEP93	Arctic charr (sr)	6800	5939	11106	STR +/-	1%	Samples	G. Low
Jayco Kiver, Albert Edward Bay Sch. V No. : W -14 Location : 69-34N 103-21W Open Season: OIAUG93 -30SEP93	Arctic charr (sr)	15600	15 411	28819	STR +/-	1%	Samples	G. Low
Kulgayuk River (Dease Pl.) Sch. V No. : IV -20 Location : 68-16N 105-03W Open Season: 01 JUL93 -30SEP93	Arctic charr (sr)	4000	3120	5834	STR +/-	1%	Samples	G. Low

Table 3A.3 (cont'd)

South/Central Arctic Area
Arctic Charr Commercial Fisheries, by Community
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
CAMBRIDGE BAY (cont'd)								
Lauchlan River (Byron Bay) Sch. V No. : W -22 Location : 68-56N 108-30W Open Season: 01 JUL93 -30SEP93	Arctic charr (sr)	9100	9306	17402	STR	+/- 1%	Samples	G. Low
Nonvay Bay River Area Sch. V No.: IV -26 Location : 71-05N 104-33W Open Season: 01 AUG93 -31 MAR94	Arctic charr (sr)	2500		NOT FISHED				
Palirytrak (Surrey River) Sch. V No. : IV -27 Location : 69-27N 106-40W Open Season: 01JUL93 -30SIW93	Arctic charr (sr)	9100	6579	12303	STR	+/- 1%	Samples	G. Low
Perry River Sch. V No. : IV -29. Location : 67-43N 102-10W Open Season: 01JUL93 -30SEP93	Arctic charr (sr)	6500		NOT FISHED				

Table 3A.3 (cont'd)

South/Central Arctic Area
Arctic Charr Commercial Fisheries, by Community
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
COPPERMINE								
Coppemrinc River Sch. V No.: IV -6 Location : 67-49N 115-04W Open Season: OIJUL93 - 30SEP93	Arctic charr (sr)	600	600	2300	RR()	+/- 1%	Samples	G. Low
GJOA HAVEN								
Port Parry Area Sch. V Nu. : IV -30 Location : 69-40N 97-20W Open Season : OIOCT93 -31 MAR94	Arctic charr (sr)	1 000	NOT FISHED					
Simpson River Sch. V No. : IV -32 Localion : 67-48N 100-45W Open Season: 01 AUG93 -31 MAR94	Arctic charr (sr)	4500	NOT FISHED					
PELLY BAY								
Arrowsmillh River Sch. V No. : IV -2 Location : 68-23N 90-17W Open Season: OIOCT93 -31 MAR94	Arctic charr (sr)	1 000	277	1218	s"rR	+/- 1%	Samples	G. Low

Table 3A.3 (cont'd)

South/Central Arctic Arcrr
Arctic Chrsrr Commercial Fisheries, by Community
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
PELLIY BAY (cont'd)								
Becher River Sch. V No. : IV -3 Location : 68-45N 90-08W Open Season: OIJUL93 -3i MAR94	Arctic charr (sr)	600	473	208[STR	+/- 1%	Samples	G. Low
Keilh Bay (Committee Bay) Sch. V No. : IV -17 Location : 68-i5N 88-15W Open Season: OIOCT93 -31 MAR94	Arctic charr (sr)	4500	709	3120	STR	+/- 5%	Samples	G. Low
TALOYOAK* (formerly Spence Bay)								
Agnew River (Ilaunnallic Bay) Sch. V No. : iV -1 Location : 70-40N 92-40W Open Season: OiOCT93 -3iMAR94	Arctic charr (sr)	4500	NOT FISHED					
i.csr d Lindsay Lake Sch. V No. : iV -23 Location : 70-iON 92-25W Open Season: OIAUG93 -31 MAR94	Arctic charr (sr)	2500	2500	6950	STR	+/-10%	Samples	(i. Low)

Table 3A.3 (cont'd)

**South/Central Arctic Area
Arctic Charr Commercial Fisheries, by Community
1993/94**

Community/ Waterbody Information	Species	Quota (rd kga)	Htrwest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
TALOYOAK (con't'd)								
Murchison River Sch. V No. : IV -25 Location : 68-35N 93-30W Open Season: OIAUG93 -31 MAR94	Arctic charr (sr)	9 1 0 0		NOT FISHED				

Table 3AA

South/Central Arctic Area
Other Commercial Fisheries
(excluding **Great** Slave and **Kakisa** Lakes)
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
Ueniah Lake Sch. V No.: III -9 Location : 62-24N 112-17W Open Season: 18 MAY93 -31 MAR94	Lake "I"rout Lake Whitefish	5700 (combined)			NOT FISHED			
McEwan Lake Sch. V No. : 11-32 Location : 60-48N 119-57W Operr Season: 18MAY93 -31 MAR94	Lake Trout lake Whitefish	600 (combined)			NOT FISHED			
Pangtium Lake Sch. V No. : IV -28 Location : 69-42N 106-22W Open Season: OIOCT93 -31 MAR94	Lake Trout Lake Whitefish	1100 (combined)			NOT FISHED			
Piera Lake Sch. V No.: II - 41 Location : 60-20N I I I -06W Operr Season: 18 MAY93 -31 MAR94	Lake Trout Lake Whitefish	1 000 (combined)			NOT FISHED			
Rcade Lake Sch. V No. : II -42 Location : 60-53N 119-55W Open Season: 18 MAY93 -31 MAR94	Lake Trout Lskc Whitefish	300 (combined)			NOT FISHED			

Table 3A.4 (cont'd)

South/Central Arctic Area
Other Commercial Fisheries
(excluding Great Slave and Kakisa Lakes)
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
Ross Lake Sch. V No.: III -47 Location : 62-41N 113-16W Open Season: 18MAY93 -31 MAR94	Lake Trout Lake Whitefish	1800 (combined)		NOT FISHED				
Sibbeston Lake Sch. V No. : II -48 Location : 61-47N 122-43W Open Season: 15 JUN93 -31 MAR94	Lake Trout Lake Whitefish	500 (combined)		NOT FISHED				
Tathlina Lake Sch. VNO.: I[-53 Location : 60-30N 117-30W Open Season: OIAPR93 -31 MAR94	Walleye	20000	9792	24774	STR	+/- 1%	Samples	G. Low
Thistlethwaite Lake Sch. V No. : III -53 Location : 63-ION 113-37W Open Season: 18 MAY93 -31 MAR94	Lake Trout Lake Whitefish	1900 (combined)		No'r FISHED				
Toassic Lake Sch. V No. : IV -37 Location : 69-41N106-39W Open Season: OINOV93 -31 MAR94	Lake Trout Lake Whitefish	900 (eombined)		NOT FISHED				

"I'aide 3A.4 (conl'd)

South/Central Arctic Area
 Other Commercial Fisheries
 (excluding **Great Slave and Kakisa Lakes**)
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
Tsetso Lake Sch. V No.: II -62 Location : 61-SIN 123-OiW Open Season: 15 JIJN93 -31 MAR94	Walleye	800		NOT FISHED				
Unnamed Lake Sch. V No. : IV -43 Localion : 68-57N 104-17W Open Season: 1SOCT93 -31 MAR94	Arctic charr (11) Lake trout Lake whitefish	2700 (combined)	45	99	IITA	+/- 1%		
Unnamed Lake Sch. V No. : IV -56 Location : 69-05N 104-4OW Open Season: 1SOCT93 -31 MAR94	Arctic charr (11)	250		NOT FISHED				
Vandyck Lake Sch. VNO. : H-63 Localion : 60-12N 109-28W Open Season: OIAPR93 - 31 MAR94	Lake trout Lake whitefish	1 200 (combined)		NOT FISHED				

Table 3A.5

**Great Slave Lake, Harvests by Administrative Areas
November 1,1992 to October 31,1993**

Area	Species	Quota (rdkgs)	Winter Harvest (rdkgs)	summer Harvest (rdkgs)	Quota Year Total (rd kgs)
I-WEST	Lake whitefish	227300	229460	0	229460
	Lake trout		4682	0	4682
	Northern pike		42649	0	42649
	Inconnu		2855	0	2855
	Walleye		73	0	73
	Maria		4250	0	4250
	Mullet		0	0	0
	TOTAL			283969	0
I-EAST	Lake whitefish	318200	53828	120504	174332
	Lake trout		918	7879	8797
	Northern pike		3051	2822	5873
	Inconnu		1729	3370	5099
	Walleye		10	1474	1484
	Maria		6596	0	6596
	Mullet		0	0	0
	TOTAL			66132	136049
II	Lake whitefish	318200	51784	181613	233367
	Lake trout		1505	9275	10780
	Northern pike		1015	9111	10126
	Inconnu		576	545	1121
	Walleye		1	99	100
	Maria		4330	0	4330
	Mullet		0	0	0
	TOTAL			59181	200643
III	Lake whitefish	91000	9619	37206	46825
	Lake trout		484	113	597
	Northern pike		383	732	1085
	Inconnu		2351	1434	3785
	Walleye		2	457	459
	Maria		1406	0	1406
	Mullet		0	0	0
	TOTAL			14215	39942

Table 3A.5

Great Slave Lake, Harvests by Administrative Areas
(cent'd) November 1, 1992 to October 31, 1993

Area	Species	Quota (rdkgs)	Winter Harvest (rdkgs)	Summer Harvest (rd kgs)	Quota Year Total (rd kgs)
Iv	Lake whitefish	409100	165006	224925	389931
	Lake trout		240	3598	3838
	Northern pike		9001	25648	34649
	Inconnu		1436	1209	2645
	Walleye		131	2313	2444
	Maria		2	0	2
	Mullet		0	0	0
	TOTAL		175816	257693	433509
v	Lake whitefish	363600	0	127967	127967
	Lake trout (combrned)		0	32869	32869
	Northern pike		0	48937	48937
	Inconnu		0	27529	27529
	Walleye		0	579	579
	Maria		0	0	0
	Mullet		0	0	0
	TOTAL		0	237881	237881
ALL	Lakewhitefish	1727400	509667	692215	1201882
	Lake trout		7829	53734	61563
	Northern pike		56069	87250	143319
	Inconnu		8947	34 087	43034
	Walleye		217	4922	5139
	Maria		16584	0	16584
	Mullet		0	0	0
	TOTAL		599313	872208	1471521

Note: the area V quota is for whitefish and trout; other quotas on the lake are for Lake whitefish only and other species caught are considered by-catch.

Table 3A.6

**Great Slave Lake Harvest Sold to the
Freshwater Fish Marketing Corporation
and Landed Values to Fishermen
November 1,1992 to October 31,1993**

Species	Winter		summer		Quota Year	
	Harvest Sold(a) (rd kgs)	Landed Value (b)	Harvest Sold(a) (rd kgs)	Landed Value (b)	Harvest Sold(a) (rd kgs)	Landed Value (b)
Whitefish Export	515900	\$710183	692100	\$494933	1208000	\$1205116
Lake trout	6100	6100	52400	18900	58500	25000
Northern pike	52200	54000	46100	28600	98300	82600
Inconnu	7500	17700	27700	43900	35200	61600
Walleye	200	800	4900	9600	5100	10400
Maria	24000	8 800"	o	0	24000	8800
TOTAL	605900	797583	823200	595933	1429100	1393516

(a) harvests does not include fish culled at plant.

(b) landed value does not include final payments, see Appendix 1. Does not include subsidies administered by the GNWT, see Appendix 2.

Table 3A.7

Kakisa Lake
Commercial Harvests
 November 1,1992 to October 31,1993

Species	Quota (rd kgs)	Harvest (rd kgs)
Walleye	20000	18503
Total	20000	18503

Table 3A.8

Kakisa Lake Harvests Sold to the
Freshwater Fish Marketing Corporation
and Landed Values to Fishermen,
 November 1,1992 to October 31,1993

Species	Harvest Sold (a) (rdkgs)	Landed Value (b) (s)
Walleye	18200	36300
Total	18200	36 300

(a) does not include fish culled at plant

(b) does not include final payments, see Appendix 1

Table 3A.9

South/Central Arctic Area
Experimental Fisheries
 1993/94

Waterbody Information	Quota	Species	Gear	Quota (rd kgs)	Harvest	Landed Vsrirc (\$)	Data Source	Data Quaiity	Other Data Avaiiabile	Contact
EF-9394-03										
Unnamed Lake (Komoiak River) 68-45N 88-4i W	Arctic charr (sr)		i39 mm	1000		NOT FISHED				
Unnamed Lake (Tinitpayuk) 68-55N 90-34W	Arctic charr (sr)		i39 mm	i 000	979	4307	STR	+/- 5%	Sampies	G. Low
EF-9394-06										
Abemcthy River 70-53N 93-00W	Arctic chars (sr)		139 mm	i 000	47i	i 036	EFL	+/- 5%	Samples	G. Low
IIF-9394-09										
Great Bear Lake (Kcithi Arm) area (a)	Lake trout		i39 mm	600	300	990	STR	+/-50%		
	Lake whitefish		i39 mm	500						
	Cisco		139 mm	500						
EF-9394-i0										
Nakyoktok River 68-37N i 10-52W	Arctic chars (sr)		i39 mm	i 500		NOT FISHED				
Unnamed Lake 68-40N i I i-2iW	Lake trout		i39 mm	i000		NOT FISHED				
	Arctic charr (ii)		i39 mm							

(a) west of Fox Point (62-2iN**122-45W**) and Manitou isiand (65-02N i22-i7W)

Table 3A.9 (cont'd)

South/ Central Arctic Area
Experimental Fisheries
1993/94

Waterbody Information	Quota Species	Gear	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data Available Contact
W-9394-IO								
Unnamed Lake 68-37N 111-05W	Lake trout Arctic chmr (11)	139 mm 139 mm	1000		NOT FISHED			
Unnamed Lake (Emagyok) 68-15N 116-40W	Lake trout	139 mm	500		NOT FISHED			
Contwoyto Lake 65-36N 110-39W	Lake trout	139 mm	2000		NOT FISHED			
Unnamed Lake (Read Island) 69-12N 112-55W	Arctic charr (sr)	139 mm	1 000	1000	3850	RRO	+/- 1%	
Unnamed Lake (Pasley Cove) 68-24N 114-20W	Arctic charr (sr)	139 mm	1 000		NOT FISHED			
Unnamed Lake (Kikiktalik) 6g-1 IN 116-20W	Lake trout	139 mm	1000		NOT FISHED			

Table 3A.9 (contort)

South/ Central Arctic Area
Experimental Fisheries
1993/94

Waterbody Information	Quota Species	Gear	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data Available Contact
EF-9394-12								
Trout Lake	Lake trout	139 mm	1000	100	150	EFL	+/-50??	
60-35N, 121-19W	Lake whitefish	139 mm	1000	50	50	EFL	+/-50%	
	Walleye	139 mm	500					
EF-9394-19								
Ferguson Lake (Ekalluk River) 69-24N 105-15W	Arctic charrs (sr)	139 mm	1500	1 542	13386	EFL	+/-10%	
EF-9394-25								
Ogle Point 68-18N 95-53W	Arctic charr (sr) cod	"i'rap Gillnets Trawl Lines Holding Pcn	1 000 1200		UNSUCCESSFUL	FISHING		
Peterson Bay 68-17 N95-45W	Arctic chsrr (sr) cod	See above	1 000 1 200		UNSUCCESSFUL	FISHING		
Thunder Cove 68-22 N97-08W	Arctic charr (sr) cod	See above	1 000 1 200		UNSUCCESSFUL	FISHING		
Richardson Point 68-20N 97-28W	Arctic charr (sr) cod	See above	1000 1200		UNSUCCESSFUL	FISHING		

Table 3A.9 (cont'd)

Sorstth/Central Arctic Area
Experimental Fisheries
1993/94

Waterbody Information	Quota Species	Gear	Quota (rd kes)	Harvest	Landed value (s)	Data Source	Data Quality	Other Data Available Contact
JW-9394-29 Jayco River 69-34N 103-21W	Arctic charr (sr)	Conduit weir	15600		NOT FISHED - Quota takers by Schedule V fishery			
W-9394-32 Unnamed River/Lake (Tagioknitak) 69-15N 102-05W	Arctic charr (sr)	Stone weir	2500	2390	6585	HITA	+/- 1*%	Samples G. Low
EF-9394-42 Pangnikto Lake 69-31N 92-58W	Lake trout Arctic chars (11)	139 mm	500 500	200	440	HTA	+/-50??	
Krusenstem Lake 69-52N 93-00W	Lake trout Arctic charr (11)	139 mm	500 500	200	440	HITA	+/-50%	
Jekyll Lake 69-45N 93-40W	Lake trout Arctic charr (11)	139 mm	500 500	200	440	HTA	+/-50%	
Netsilik Lake 69-07N 93-04W	Lake whitefish	139 mm	1000	NOT FISHED				
EF-9394-49 Unnamed Lake (Swan Lake-lhrrnside Inlet) 66-47N 108-10W	Arctic charr(sr)	139 mm	2000	285	627	EFL	+J- 5%	Samples G. Low

Table 3A.10

South/Central Arctic Area
Commercial Fishing Licence Sales (a), by Community
1993-1994

Community	Resident Licences		Non-resident Licences		Total Licences	
	Sold	Fishermen	Sold	Fishermen	Sold	Fishermen
Cambridge Bay	33	28	0	0	33	28
Coppermine	11	9	0	0	11	9
Fort Providence	1	1	0	0	1	1
Fort Simpson	2	1	0	0	2	1
Fort Smith	2	2	0	0	2	2
Gjoa Haven	4	4	0	0	4	4
Hay River	96	94	0	0	96	94
Kakisa Lake	4	4	0	0	4	4
Yellowknife	7	7	0	0	7	7
Total	160	150	0	0	160	150

(a) preliminary data

Table 3A.11

South/Central Arctic Area
Great Slave Lake Operator Licences
1993/94

	Class "A"		Class "B"	
	summer 1993	Winter 1993/94	Summer 1993	Winter 1993/94
Number Available	28	32	61	49
Number Issued	18	30	44	34
Number Active	15	30	41	28

SECTION 4
EASTERN ARCTIC AREA

B. MARINE MAMMAL HARVESTS

Table 3B.I

South/Central Arctic Area
Marine Mammal Harvests,
by Community and Species, 1993/94

community	Species	Number Landed	Data Source	Data Quality
Bathurst Inlet	Beluga	0	RR0	+/- 0%
	Narwhal	0	RR0	+/- 0%
	walrus	0	RR0	+/- 0%
Cambridge Bay	Beluga	0	RR0	+/- 0%
	Narwhal	0	RR0	+/- 0%
	walrus	0	RR0	+/- 0%
Coppermine	Beluga	0	RR0	+/- 0%
	Narwhal	0	RR0	+/- 0%
	walrus	0	RR0	+/- 0%
Gjoa Haven	Beluga	0	RR0	+/- 0%
	Narwhal	0	RR0	+/- 0%
	Wahus	0	RR0	+/- 0%
Pelly Bay	Beluga	0	RR0	+/- 0%
	Narwhal	0	TAG	+/- 0%
	walrus	0	RR0	+/- 0%
Taloyoak (Spence Bay)	Beluga	0	RR0	+/- 0%
	Narwhal	0	TAG	+/- 0%
	walrus	0	RR0	+/- 0%
South/Central Arctic Totals	Beluga	0		
	Narwhal	0		
	walrus	0		

C. DOMESTIC FISHERIES

Table 3C.1

**Aboriginal Food Fishery Harvests
SouWCentral Arctic Area
by Waterbody and Community, 1993/94**

community	Waterbody	Species	Number Landed	Harvest (rd kgs)
Cambridge Bay	Freshwater Creek	Arctic Charr	99	170
		Lake trout	5	15
	Gravel Pit area	Arctic charr	481	1443
Coppennine	Coppennine River	Arctic Charr	16936	53315
		Arctic cisco/Lake whitefish	4480	4480
		Lake trout	111	.
		Other (unspecified)	2434	
Deline	Great Bear Lake (a)	Lake trout	731	
		Lake cisco	710	
		Arctic grayling	70	
		Lake whitefish	5	
		Burbot	1	
Fort Resolution	Little Buffalo River@)	Lake whitefish	13760	11709
		Northern pike	836	1970
		Walleye	215	215
	Resolution Bay (c)	Lake whitefish	1805	1 805
		Northern pike	804	1895
		Walleye	163	163
		Inconnu	118	413
		Mulle:	508	1016
	Burbot	214	428	
	Taloyoak	Lord Lindsay Lake	Arctic charr	1805
Total (d)				91564

(a) Harvest data collected - August 1 to August 31, 1993 represents an unknown % of total harvest.

(b) **Harvest** data collected - October 1 to October 30, 1993 represents approximately **90%** of total harvest.

(c) Harvest data collected - September 22 to October 30, 1993 **represents** an **unknown %** of total harvest.

(d) This total represents harvests from the few aboriginal fisheries **surveyed** in the area.

D. RECREATIONAL FISHERIES

Table 3D.1

**Blachford Lake Lodge Angler Diary Program
Response Rate
Summer 1993**

Estimated Total Number of Guests Days	350
Number of Diaries Returned	53
Number of Guest Days of Anglers who Returned Diaries	178
% of Estimated Total Number of Guest Days Sampled in Diaries	51%

Table 3D.2

**Blachford Lake Lodge Angler Diary Program
Trend Data**

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Number of Diaries Returned	135	59	67	55	55	56	102	68	80	72	53
Angler Days Reported	357	174	184	175	146	166	279	183	223	177	178
Average Angler Days per Diary	2.6	2.9	2.7	3.2	2.7	3.0	2.7	2.7	2.8	2.6	2.4
Catch per Angler Hour											
- Lake trout	0.72	0.56	0.68	0.82	0.62	0.74	0.84	0.52	0.74	1.14	0.79
- Nonhero pike	1.47	1.79	1.68	2.17	1.21	0.97	1.55	1.45	1.14	1.33	2.19
- All species	0.88	0.78	0.87	1.22	0.81	0.77	1.00	1.01	0.84	1.30	1.20
Harvest Estimates											
- Lake trout	n/a	n/a	n/a	n/a	n/a	282	206	281	223	245	321
- Nor&hem pike	n/a	n/a	n/a	n/a	n/a	71	55	207	207	125	153
- Others	n/a	n/a	n/a	n/a	n/a	2	71	89	122	28	34
- All species	n/a	n/a	n/a	n/a	n/a	355	332	577	552	398	508

1988 was the first year in which **sufficient**, reliable information was available on the number of guest days of all guests to generate **harvest** estimates.

Table 3D.3

**Brabant Lodge Angler Diary Program
Response Rate
Summer 1993**

Estimated Total Number of Guests Days	582
Number of Diaries Returned	12
Number of Guest Days of Anglers who Returned Diaries	68
% of Estimated Total Number of Guest Days Sampled in Diaries	12%

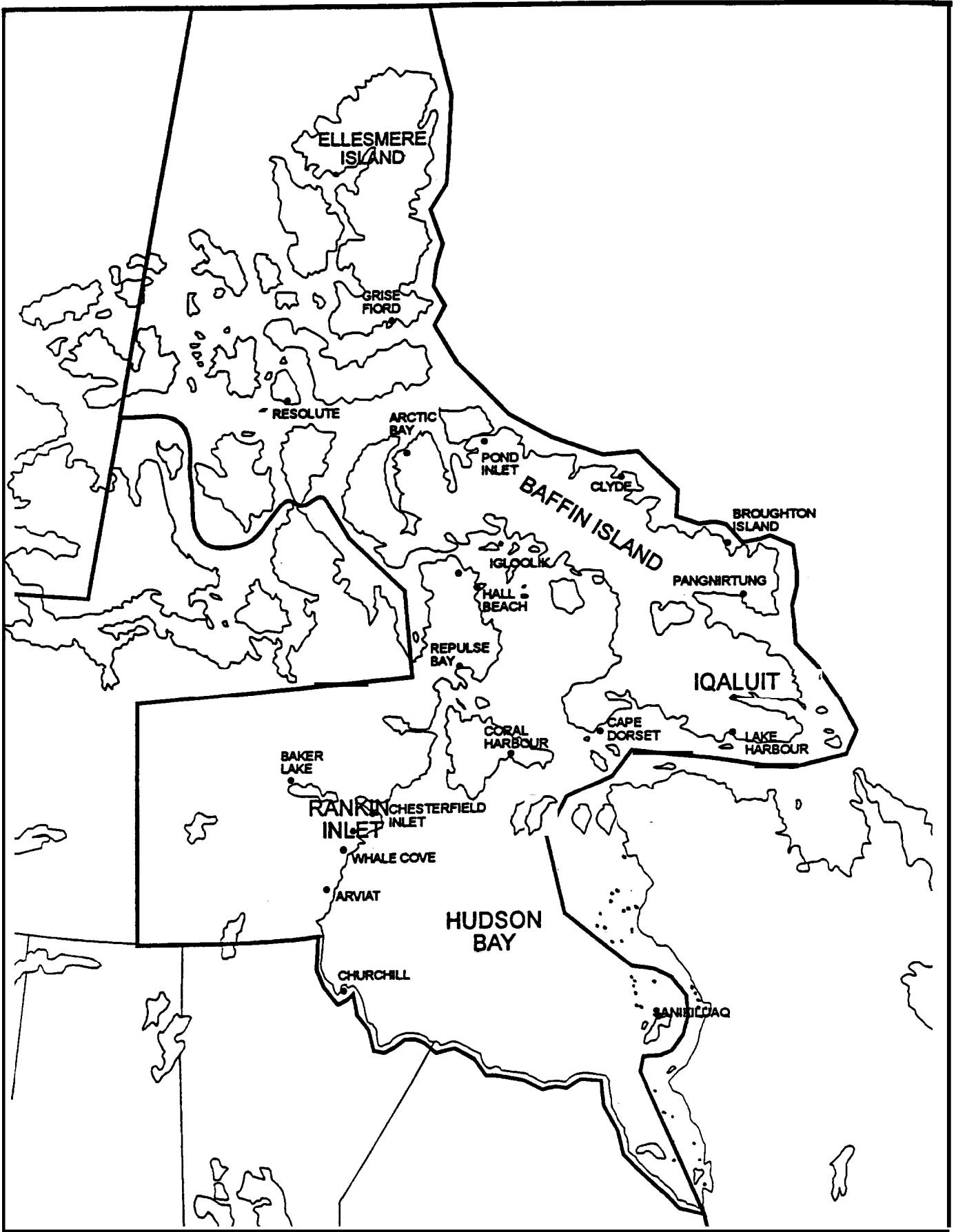
Table 3D.4

**Brabant Lodge Angler Diary Program
Trend Data**

	1991	1992	1993
Number of Diaries Returned	43	34	12
Angler Days Reported	198	150	66
Average Angler Days per Diary	4.6	4.4	5.5
Catch per Angler Hour			
- Northern pike	4.9	4.9	n.d.
- Arctic grayling	1.6	2.1	n.d.
- Walleye	1.2	1.0	n.d.
- All species	4.3	4.2	n.d.
Harvest Estimates			
- Northern pike	1183	1586	n.d.
- Arctic grayling	123	192	n.d.
- Walleye	129	400	n.d.
- Others	4	0	n.d.
- All species	1439	2178	

n.d. - no &ta. Insufficient data for accurate estimates

Figure 4
EASTERN ARCTIC AREA



EASTERN ARCTIC AREA
1993/94 STATISTICAL HIGHLIGHTS

Commercial and Experimental Fisheries

73 waterbodies opened for commercial **fishing** under Schedule V of the N.W.T. Fisheries Regulations;

39 waterbodies were commercially **fished**, including 2 which were not **opened**;

379 commercial **fishing licences** sold to 295 **fishermen** in 16 Eastern Arctic communities;

35 waterbodies were licensed for experimental arctic charr **fisheries**, of which 20 were fished;

10 experimental licences were issued for 12 marine **fisheries**, of which 2 were **fished**.

Total reported commercial and experimental **fishery** landings of 531981 kg and landed value of \$1111 822;

Principal commercial species harvested were turbot (76% of landings) and arctic charr (19%).

Recreational Fisheries

1730 sport **fishing** licences sold, including 923 resident, 386 other **Canadian** resident, and 421 non-resident licences;

· 8 lodges with a total bed capacity of 165 beds.

Marine Mammal Harvest

· Marine mammal landed harvest of 258 beluga, 331 narwhal and 389 walrus.

A. COMMERCIAL AND EXPERIMENTAL FISHERIES

Table 4A.1

**Eastern Arctic Area, Schedule V Commercial Fisheries
Harvests and Landed Values, by Species
1993/94**

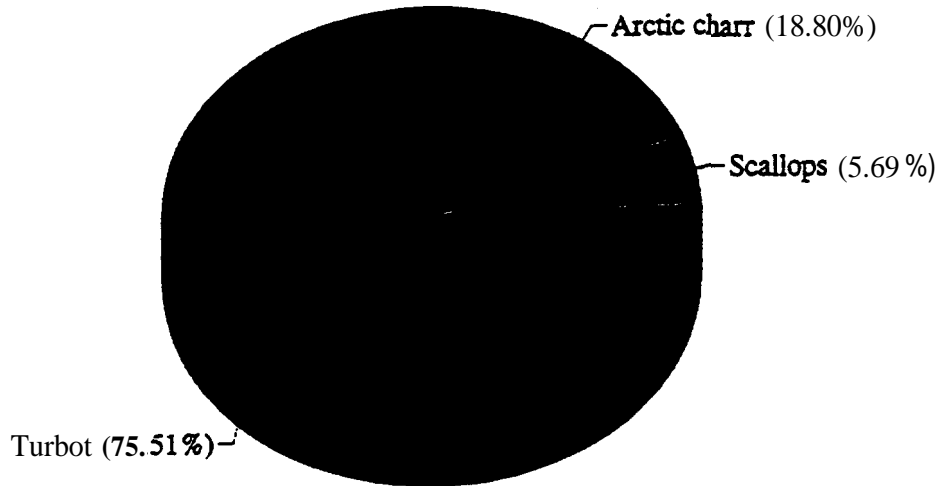
Species	Harvest (rd kgs)	Landed Value (\$)
Arctic charr (Sr)	69535	200775
Arctic Charr (U)	2993	11523
Total	72528	212298

Table 4A.2

**Eastern Arctic Area, Experimental Fisheries
Harvests and Landed Values, by Species,
1993/94**

Species	Harvest (rd kgs)	Landed Value (\$)
Arctic Charr	27486	94924
Icelandic scallops	30258	26600
Turbot	401709	778000
Total	459453	899524

**Fig. 4A.1 - Eastern Arctic Area,
Schedule V Commercial and
Experimental Fisheries,
Harvests by Species,
1993/94 Total = 531981 kgs**



**Fig. 4A.2 - Eastern Arctic Area,
Schedule V Commercial and Experimental Fisheries,
Landed Values by Species,
1993/94 Total = \$1111822**

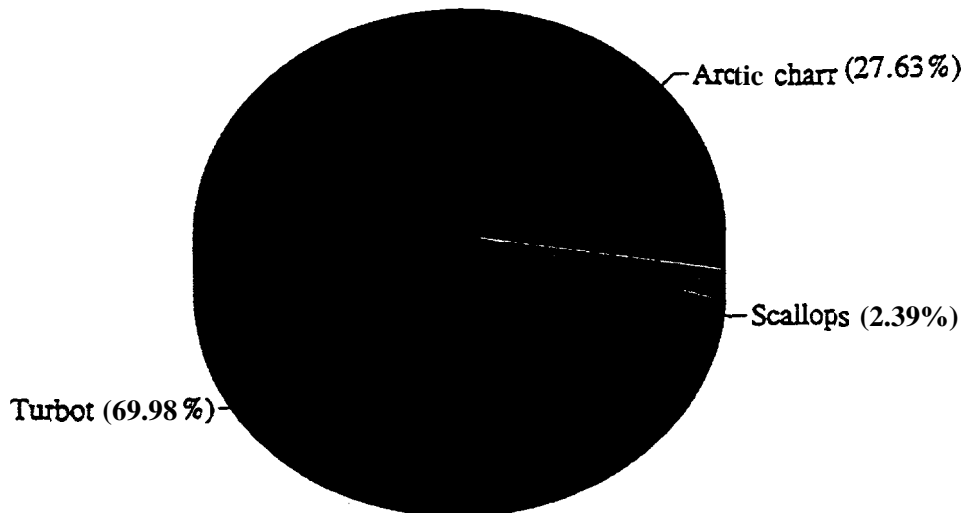


Table 4A.3

Eastern Arctic Area
Baffin and Central District
 Arctic Charr **Commercial Fisheries, By Community**
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality Other Data	Contact
ARCTIC ISLAND							
Ikikecsarjuk Lake Sch. V No. : VI -21.5 Location : 71-12N 87-22W Open Season: 01NOV93 -31 MAR94	Arctic charr (sr)	2000	786	2248	STR	+/- 5%	
Magda River Sch. V No. : VI -27.1 Location : 71-39N 84-37W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	3000	17%	5137	STR	+/- 5%	
Saputing River and Lake Sch. V No. : VI -45 Location : 70-48N 84-59W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	9100	8868	25362	STR	+/- 5%	
BROUGHTON ISLAND							
Circle Lake Sch. V No. : VI -8 Location : 66-32N 64-10W Open Season: 01 DEC93 -31 MAR94	Arctic charr (11)	3400	2993	11523	STR	+/- 5%	
Nudhrng Fiord Sch. V No. : VI -32 Location : 68-21N 67-27W Open Season: 08AUG93 -31 MAR94	Arctic charr (ar)	45cm	3536	13614	STR	-1-1- 5%	

Table 4A.3 (cont'd)

Eastern Arctic Area
Baffin and Central District
Arctic Ctrarr Commercial Fisheries, By Community
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality Other Data	Contact
CAPE DORSET							
Kaagisuajuaq Lake Sch. V No. : VI -23.1 Location : 64-40N 73-21W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	2700		NOT FISHED			
Tinitonito Lake Sch. V No. : VI -47.1 Location : 64-40N 73-58W Open Season: 08AUG93 -3tMAR94	Arctic charr (sr)	5500		NOT FISHED			
CLYDE RIVER							
Ayr Lake Sch. V No. : VI -4 Locatiun : 70-24N 70-15W Open Season: 08 AUG93 -31 MAR94	Arctic charr(II)	6800		NOT FISHED			
Cape Adair Lake and River Sch. V No. : VI -7 Location : 71-30N 71-55W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	2300		NOT FISHED			
Clyde Inlet Sch. V No. : VI -9 Location : 69-50N 70-30W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	2 300		NOT FISHED			

Table 4A.3 (cont'd)

Eastern Arctic Area
BaMn and Central District
 Arctic Charr Commercial Fisheries, By Community
 1993/94

Community/ Waterbody information	Species	Quota (rd kgs)	Harvest	Landed Vairre (\$)	Data Source	Data Quality Other	Data	Contact
CLYDE RIVER (cont'd)								
Duart Lake and River (Dexterity Fiord) Sch. V No. : VI -i3 Location : 71-20N 72-47W Open Season: 08AUG93 -31MAR94	Arctic charr (sr)	700						
			NOT FISHED					
Letbbrirfge Lake and River Sch. V No. : VI -27 Location : 7i-02N 73-55W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	2 500	255	842	STR	+/- 5%		
Sam Ford Fiord Area Sch. V No. : VI - 44 Location : 70-25N 71-10W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	3600	4220	13926	STR	+/- 5%		
Unnamed Lake & River (Dexterity Fiord) (Nagasariuk) Sch. V No. : VI -59 Location : 71-12N 72-40W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	23(M)	1494	4930	STR	+/- 5%		

Table 4A.3 (cont'd)

Baatem Arctic Area
Baffin and Central District
 Arctic Charr **Commercial** Fisheries, By Community
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Date Source	Data Quality Other Data	contact
IGLOOLIK AND HALL BEACH							
Cockbssm River Sch. V No. : VI -10 Location : 70-26N 78-41W Open Season: 01NOV93 -31MAR94	Arctic charr (sr)	5000				NOT FISHED	
Gifford River Sch. V No. : Vi -18 Location : 70-19N 83-03W Open Season: 01 NOV93 -31MAR94	Arctic charr (sr)	5 000	69(KI)	17181	STR	+1-5%	
Hall Lake Sch. V No. : Vi -19 Location : 68-41N 82-17W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	ii 400	i 874	4479	STR	+/- 5%	
Kukaiuk River Sch. V No. : Vi -26 Location : 70-i3N 81-57W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	3600	3940	9811	STR	+/- 5%	
Ravn River Sch. V No. : VI -42 Location : 70-28N 79-30W Open Season: 01NOV93 -31 MAR94	Arctic charr (sr)	9100	4894	12186	STR	+/- 5%	

Table 4A.3 (cont'd)

Eastern Arctic Area
Baffin and Central District
Arctic Charr Commercial Fisheries, By Community
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Snurec	Data Quality	Data Other	Data	Contact
IGLOOLIK AND HALL BEACH (cont'd)									
Rowley River Sch. V NO. : VI -43 Location : 70-15N 77-47W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	5000		NOT FISHED					
Whyte Lake and River Sch. V No. : VI -50 Location : 70-08N 84-47W Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	900		NOT FISHED					
IQALUIT (FROBISHER BAY)									
Amadjuak Lake Sch. V No. : VI -2 Location : 65-00N 71-00W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	9 100		NOT FISHED					
Newton Fjord Area Sch. V No. : VI -30 Location : 63-07N 66-07W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	2300		NOT FISHED					

Table 4A.3 (cont'd)

Eastern Arctic Area
BssMss srrrd Central District
 Arctic Charr **Commercial Fisheries**, By Community
 199X94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	contact
IQALUIT (FROBISHER BAY) (cont'd)								
Okalik Bay Sch. V No. : VI -33 Location : 64-OIN 65-IIW Open Season: 01 NOV93 -31 MAR94	Arctic charr (sr)	900	360	I 386	STR	+/-	5%	
Qualluatic Lake Sch. V No. : VI -41 Location : 65-45N 65-07W Open Season: 01NOV93 -31 MAR94	Arctic charr (sr)	700	363	1398	STR	+/-	5%	
PANGNIRTUNG								
Ijaruvung Lake Sch. V No. : VI -21.1 Location : 66-43N 67-46W Open Season: OIAPR93 -31 MAR94	Arctic charr (sr)	2otm	1828	7038	STR	+/-	5%	
Ikaluit Lake (Robert Peel Inlet) Sch. V Nn. : VI -21.2 Location : 65-02N 67-07W Open Season: 01 APR93 -31 MAR94	Arctic charr (sr)	14(M	998	3343	STR	+/-	5%	

Table 4A.3 (cent'd)

Eastern Arctic Arcs
Baffin and Central District
 Arctic Charr **Commercial Fisheries, By Community**
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
PANGNIRTUNG (cent'd)								
Iqalujuaq Fiord Sch. V No. : VI -21.8 Location : 65-43N 64-51W Open Season: 01 APR93 -31 MAR94	Arctic charr (sr)	1400	1384	4636	STR	+/- 5%		
Irvine Inlet (McKean River Area) Sch. V No. : VI -22 Location : 65-30N 68-00W Open Season: 07AUG93 - 31 MAR94	Arctic charr (sr)	4500	3772	14522	STR	+/- 5%		
Kingnait Fiord Sch. V No. : VI -24 Location : 66-15N 64-22W Open Season: 01 APR93 -31 MAR94	Arctic charr (sr)	4500	6247	21 865	STR	+/- 5%		
Ncuilling Lake Sch. V No. : VI -31 Location : 66-33N 70-55W Open Season: 01APR93 -31 MAR94	Arctic charr (sr)	22700		NOT FISHED				
Opingivik Lake Sch. V No. : VI -33.1 Location : 65-14N 67-22W Open Season: 01APR93 -31 MAR94	Arctic charr (sr)	lofm	1267	4244	STR	+/- 5%		

Table 4A.3 (cont'd)

Eastern Arctic Area
Baffin and Central District
Arctic Charr Commercial Fisheries, By Community
 1993/94

Community/ Waterbody Information	Species	Qoore (rd kgs)	Harvest	Landed Vahre (\$)	Data Source	Data Quality	Other Date	Contact
PANGNIRTUNG (cont'd)								
Tarrionituk Lake Sch. V No. : VI-45.1 Location : 66-20N 68-OOW Open Season: OIAPR93 -31 MAR94	Arctic charr (sr)	4 Sal		NOT FISHED				
Tasialojuak Lake Sch. V No. : VI-47 Location : 66-40N 68-46W Operr Season: OIAPR93 -31 MAR94	Arctic charr (sr)	4500		NOT FISHED				
POND INLET								
Coutts Inlet Area Sch. V No. : VI-11 Location : 71-43N 76-02W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	900	811	n.d	RRO	+/- 5%		
Ikaliut River (Tay Sound) Sch. V No. : VI-21.3 Location : 71-58N 79-15W Open Season: O1OCT93 -31 MAR94	Arctic charr (sr)	1400	2551	n.d	RRO	+/- 5%		

Table 4A.3 (cont'd)

Eastern Arctic Area
Baffin and Central District
 Arctic Charr Consrserchrl Fisheries, By Community
 1993194

Community/ Waterfrody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Data Other Data	Contact
POND INLET (cont'd)								
Paquet Bay River and Lake Sch. V No. : VI -37 Location : 71-38N 77-20W Open Season: 08AUG93 -31 MAR94	Arctic charr (sr)	1(KO)	595	n.d	RRO	+/- 5%		
RESOLUTE BAY								
Stsnwell-Fletcher Lake Sch. V No. : IV-33 Location : 72-39N 94-41W Open Season: 07MAY93 -31 MAR94	Arctic charr (sr)	6800	909	n.d	RRO	+/- 5%		

Table 4A.4

Eastern Arctic Area
Keewatin District
 Commercial Fisheries, by Community
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
ARVIAT (ESKIMO POINT)								
Copperneedle River Sch. V No. : V -20 Location : 61-52N 93-37W Open Season: 01JUN93 -31OCT93	Arctic charr (sr)	4500	28	92	STR	+/-10%		
Eskimo Point Area Sch. V No. : V-28 Location : 61-07N 94-04W Open Season:	Arctic charr (sr)	4500	400	1320	STR	+/-20%	Not	Opened
Maguse River Sch. V No. : V-45 Location : 61-17N 94-03W Open Season:	Arctic charr (sr)	4 500	500	1 650	STR	+/-20%	Not	Opened
Sandy Point Sch. V No. : V -66 Location : 61-MN 93-15W Open Season: 01JUN93 -30SEP93	Arctic charr (sr)	900		NOT FISHED				
Unnamed River Sch. V No. : V -81 Location : 61-33N 93-50W Open Season: 01JUN93 - 31OCT93	Arctic charr (sr)	2 3 #		NOT FISHED				

Table 4A.4 (cont'd)

Eastern Arctic Area
Keewatin District
Commercial Fisheries, by Community
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality Other Data	Contact
ARVIAT (ESKIMO POINT) (cont'd)							
Bray Lake Sch. V No. : V -12 Location : 61-29N 98-04W Open Season: OIAPR93 -31 MAR94	Lake whittfish Lake trout	700 (combined)		NOT FISHED			
McAleese Lake Sch. V No. : V -47 Location : 60-19N 98-38W Open Season: 01 APR93 -31 MAR94	Lake trout Lake whitefish	38(XI (combined)		NOT FISHED			
Unnamed River Sch. V No. : V -82 Location : 61-57N 93-22W Open Season: 01 JUN93 -31 OCT93	Arctic charr (sr)	2 3 m		NOT FISHED			
Wallace River Sch. V No. : V -76 Location : 61-37N 93-41W Open Season: OIJUN93 -31OCT93	Arctic charr (sr)	2300		NOT FISHED			

Table 4A.4 (cont'd)

**Eastern Arctic Area
Keewatin District
Commercial Fisheries, by Community
1993/94**

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Offcr Dara	Contact
BAKER LAKE								
Baker Lake Sch. V No. : V -3 Location : 64-19N 96-03W Open Season: 08MAY93 -31 MAR94	Lake trout Lake whitefish	227tm (combirrd)		NOT FISHED				
Garry Lake Sch. V No. : V -31 Location : 66-OON 100-00W Open Season: 08MAY93 -31 MAR94	Lake trout Lake whitefish	7600 (combined)		NOT FISHED				
Pits Lake Sch. V No. : V -60 Location : 64-OON 96-45W Open Season: 01 APR93 -31 MAR94	Lake trout Lake whitctish	2300 (combined)		NOT FISHED				
CHESTERFIELD INLET								
Robinhood Bay Sch. V No. : V -65 Location : 63-45N 92-02W Open Season: 01JUN93 -31 MAR94	Arctic charr (sr)	6800	349	1 1 5 2	STR	-t-l-	5%	

Table 4A.4 (cont'd)

Eastern Arctic Area
Keewatin District
Commercial Fisheries, by Community
1993/94

Community/ Waterbody information	Species	Quota (rd kgs)	harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
CHESTERFIELD INLET (cont'd)								
Stony Point area Sch. V No. : V -72 Location : 63-SIN 92-48W Open Season: 01 JUN93 -30SEP93	Arctic charr (sr)	6800	220	726	STR		4-I- 5%	
CHURCHILL								
Churchili River Area Sch. V No. : V -i7 Location : 58-47N 94-12W Open Season: 01 JUN93 -31 OCT93	Arctic charr (sr)	500		NOT FISHED				
	Cisco	500						
	Lake whittish	500						
CORAL HARBOUR								
Cleveland River Sch. V No. : V -i9 Location : 65-i3N 84-48W Open Season: 08OCT93 -31 MAR94	Arctic charr (sr)	3000	500	1650	STR		+/-30%	
Thomsen River (Duke of York Bay) Sch. V No. : V -75 Location : 65-3iN 85-i5W Open Season: 01JUN93 -31 MAR94	Arctic charr (sr)	8400		NOT FISHED				

Table 4A.4 (cont'd)

Eastern Arctic Area
Keewatin District
Commercial Fisheries, by Community
1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	contact
RANKIN INLET								
Baker Forland Lake Sch. V No. : V -4 Location : 62-55N 90-48W Opesr Season: 08MAY93 -31 MAR94	Arctic charr (sr)	4600	2072	6838	STR		+/- 5%	
Banks Lake Sch. V No. : V -5 Location : 63-10N 94-25W Open Season: 01 APR93 -31 MAR94	Lake trout Lake whitefish	1 400 (combined)			NOT FISHED			
Blakely Lake Sch. V No. : V -10 Location : 63-18N 94-55W Open Season: 01APR93 -31 MAR94	Lake trout Lake whitefish	400 (combined)			NOT FISHED			
Corbett Inlet Sch. V No. : V -21 Location : 62-28N 92-20W Open Season: 01 JUN93 -31 MAR94	Arctic charr (sr)	4500	2(X)	660	STR		+/- 5%	
Kaminak Lake Sch. V No. : V -41 Location : 62-10N 95-00W Open Season: 01APR93 -31 MAR94	Lake whitefish Lake trout	22700 (combined)			NOT FISHED			

Table 4A.4 (cont'd)

**Eastern Arctic Area
Keewatkn District
Commercial Fisheries, by Community
1993/94**

Community/ Waterbody Information	Species	Quota (ssJ kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
RANKIN INLET (cont'd)								
Kamiouriak Lake Sch. V No. : V -42 Location : 62-55N 95-30W Open Season: 01 JUN93 -30SEPT93	Lake trout Lake whitctish	45500 (combined)		NOT FISHED				
MacQuoid Lake Sch. V No. : V -44 Location : 63-25N 94-40W Open Season: 01APR93 -31 MAR94	Lake trout Lake whitefish	1000 (combined)		NOT FISHED				
Parker Lake A Sch. V No. : V -55 Location : 63-30N 95-15W Open Season: 01APR93 -31 MAR94	Lake trout Lake whitefish	1900 (combined)		NOT FISHED				
Parker Lake B Sch. V No. : V -56 Location : 63-17N 95-15W Open Season: 01 APR93 -31 MAR94	Lake trout Lake whitcfrsh	1 500 (combined)		NOT FISHED				
Rankin Inlet Area (Bay) Sch. V No. : V -64 Location : 62-45N 92-05W Open Season: 01JUL93 -14SEP93	Arctic charr (sr)	4 000	1801	5943	STR		+/- 5%	

Table 4AA (cent'd)

Essalern Arctic Area
Keewatin District
Commercial Fisheries, by Community
 1993/94

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Dara Quality	Other Data	Contact
RBPULSE BAY								
Bennett Bay, Wager Bay Sch. V No. : V -8 Location : 65-55N 89-40W Open Season: 01OCT93 -31 MAR94	Arctic charr (sr)	2300		NOT FISHED				
Brown River Sch. V No. : V -13 Location : 65-55N 90-55W Open Season: 01JUN93 -31 OCT93	Arctic charr (ar)	6 800		NOT FISHED				
Curtia River (Committee Bay) Sch. V No. : IV -7 Location : 67-12N 87-28W Open Season: 01OCT93 -31 MAR94	Arctic charr (sr)	45(XI)	1 754	5 788	STR	+/- 5%		
Gore Bay area Sch. V No. : V -34 Location : 66-19N 84-24W Open Season: 01JUN93 -31 MAR94	Arctic charr (sr)	3 600	493	1627	STR	+/- 5%		

Table 4A.4 (cont'd)

**Eastern Arctic Area
Keewatin District
Commercial Fisheries, by Community
1993/94**

Community/ Waterbody Information	Species	Quota (rd kga)	Harvest	Landed Value (\$)	Data Source	Data Quality Other Data	Contact
REPULSE BAY (cont'd)							
Haviland Bay area Sch. V No. : V -37 Location : 66-31N 85-25W Open Season: 01JUN93 -31 MAR94	Arctic charr (sr)	23c\$		NOT FISHED			
Piksimanik River (Douglas Harbour) Sch. V No. : V -58 Location : 65-38N 88-24W Open Season: 01 JUN93 -31 MAR94	Arctic charr (sr)	23LkI		NOT FISHED			
WHALE COVE							
Ferguson River Sch. V No. : V -29 Location : 62-03N 93-20W Open Season: 01 JUN93 -31OCT93	Arctic charr (sr)	13 600	621	2049	STR	+/- 5%	
Mistake Bay Sch. V No. : V -49 Location : 62-10N 92-57W Open Season: 01JUN93 -31OCT93	Arctic charr (sr)	23Mt	121	399	STR	+/- 5%	
Pistol Bay Sch. V No. : V -59 Location : 62-28N 92-44W Open Season: 01 JUN93 -31 OCT93	Arctic charr (sr)	2300	493	1 627	STR	+/- 5%	

Table 4A.4 (cont'd)

**Eastern Arctic Area
Keewatin District
Commercial Fisheries, by Community
1993/94**

Community/ Waterbody Information	Species	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data	Contact
WHALE COVE (cont'd)								
Wilson Bay Sch. V No. : V -79 Location : 62-18N 92-53W Open Season: 01 JUN93 -31 MAR94	Arctic charr (sr)	10 200	335	1106	STR	+/- 5%		

Table 4A.5

**Eastern Arctic Area
Experimental Fisheries
1993/94**

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data Available	Contact
EF-9394-02 Unnamed River (Confederation Fiord) 68-ION 68-COW	Arctic charr (sr)	139 mm	3 000	2889	11123	STR	+/- 5%		
EF-9394-07 Unnamed Lake (Loks Land) 62-27N 64-42W	Arctic charr (sr)	139 mm	2 000		NOT FISHED				
Unnamed Lake (Sabine Bay) 62-40N 65-19W	Arctic charr (sr)	139 mm	2000		NOT FISHED				
Unmmrxl Lake (Ebierbing Bay) 63-14N 64-55W	Arctic charr (sr)	139 mm	2 000		NOT FISHED				
EF-9394-08 Chesterfield Inlet - (a) Location: Zone I	Arctic charr (sr)	139 mm	7500	4071	13434	STR	+/- 5%		

(a) Zone 1 - Black Rocks Point (63-17N, 90-48W) to Wag Island (63-30.5N, 91-OOW) to Black Boulder Point (63-29N, 90-57W) to Observation Point (63-27N, 90-50N)

Table 4A.5 (cont'd)

Eastern Arctic Area
Experimental Fisheries
1993/94

Licence Numbr, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Dars Quaiiry	Other Data Available	Contact
Chesterfield Inlet Location: Zone 2	Arctic charr (sr)	139 mm	750t3	60	198	STR	+/- 5%		
Chesterfield Inlet Location: Zone 3	Arctic charr (sr)	139 mm	5000	323	1066	STR	+/- 5%		
EF-9394-11 Storrey Point 63-51N 92-48W	Arctic charr (sr)	Upstream trap	6800	180	594	STR	+/- 5%		
Robin Hood Bay 63-45N 92-02W	Arctic charr (sr)	Upstream trap	6800	NOT FISHED					
EF-9394-14 Ava Inlet 63-49N 71-55W	Arctic charr (sr)	139 mm	1 000	519	n.d	RRO	+/- 5% 214 Samples		
Markham Bay (Quaralik) 63-30N 71-48W	Arctic charr (sr)	139 mm	1000	62i	n.d	RRO	+/- 5% 263 Samples		

(a) Zons 2- Wag island (63-18N, 90-38W) to **Pintail** Isiand (63-26N, 90-36W) to BrrY on Hanbury **Island** (63-32N, 90-54W) to (63-30.5N, 90-00W)

(a) Zone 3- Point W. of Ephemeral Cow (63-27N, **91-04W**) to Western Point of **Ellis Island** (63-28N, **91-03W**) to Black Boulder Point (63-29N, 90-57W) to Bay on Hanbury Island (63-32N, 90-54W) to point S. of Mairdand (63-30N, **91-13W**) to point N. Mainfand (63-37N, **91-13W**)

Table 4A.5 (cont'd)

**Eastern Arctic Area
Experimental Fisheries
1993/94**

Licence Number, Waterbody Name and Location	Quora Species	Gear or Mesh size	Quora (n.! kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data Available	Contact
EF-9394-i5 Brown Lake River 63-57N 94-16W	Arctic charr (sr)	139 mm	1000	156	n.d	RRO	+/- 5%		
EF-9394-i6 Ajaquralik River 68-23N 82-33W	Arctic charr (sr)	139 mm	2000		NOT FISHED				
EF-9394-17 Tariuyakutaq Lake 64-58N 75-05W	Arctic charr (sr)	139 mm	2 000		NOT FISHED				
EF-9394-i8 Unnamed River (Daly Bay) 64-13N 89-47W	Arctic charr (sr)	139 mm	4000	737	2432	STR	+/- 5%		
Lorillard River 64-08N 90-06W	Arctic charr (sr)	139 mm	4(MH3)	1 i32	3736	STR	-1-1- 5%	90 Samples	DFO
EF-9394-20 Ikpit Bay (Kanayuktut) 65-21N 67-32W	Arctic charr (sr)	139 mm	1 000	1 396	4677	STR	-1-1- 5%		

Table 4A.5 (cont'd)

**Eastern Arctic Area
Experimental Fisheries
1993/94**

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data Available	Contact
EF-9394-21 Unnamed Lake/Brown Inlet (Ikpit) 65-26!467-38W	Arctic charr (sr)	139 mm	1 000	1713	5739	STR	+/- s%		
EF-9394-22 Unnamed Lake (Tagiojah) 65-34N 67-40W	Arctic charr (sr)	139 mm	1000		NOT FISHED				
EF-9394-23 Unnamed Lake (Tikirrahrk) 67-07N 67-35W	Arctic charr (sr)	139 mm	2 000	55	182	STR	+/- 5%		
EF-9394-24 Nettilling Fiord (Qasigialiminik) 65-45N 66-15W	Arctic charr (sr)	139 mm	1 000	902	3473	STR	+/- 5%		
EF-9394-26 Chidtiak Bay (Abitrajrk) 64-54N 66-53W	Arctic charr (sr)	139 mm	1 000	225	862	STR	+/- 5%		

Table 4A.5 (cont'd)

**Eastern Arctic Area
Experimental Fisheries
1993/94**

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data source	Data Quality	Other Data Available	Contract
EF-9394-28 Aberdeen Bay 63-43N 72-IOW	Arctic charr (sr)	139 mm	1 000		NOT FISHED				
EF-9394-33 Urmsmed Lake (Kipisa) 66-33N 67-57W	Arctic charr (sr)	139 mm	24(KI)	2640	10 164	STR	+/- 5%		
EF-9394-34 Unnamed Lake (Nardiniavik) 68-13N 63-SOW	Arctic charr (sr)	139 mm	100 fish	402	14 223	RRO	+/- 5%	Samples	
EF-9394-35 Unnamed Lake/Exaluit Fiord (Iqaluit) 64-54N 66-57W	Arctic charr (sr)	139 mm	2000		NOT FISHED				
EF-9394-36 Unnamed Lake (Qasigiyat) 64-37N 66-19W	Arctic charr (sr)	139 mm	1000	1241	4281	STR	4-I- 5%		

Table 4A.5 (cont'd)

**Eastern Arctic Area
Experimental Fisheries
1993/94**

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Dsts source	Data Qrraiity	Other Data Avaiiabile	Contact
EF-9394-37 Unnamed Lake (Ansktauuyuil) 65-17N 64-OSW	Arctic charr (sr)	139 mm	1000	910	3504	STR	+/- 5%		
EF-9394-41 Unnamed River (Ekaiugad Fiord) 68-50N 68-42W	Arctic charr (sr)	139 mm	1000		NOT FISHED				
EF-9394-43 Unnamed River 69-55N 67-06W	Arctic charr (sr)	139 mm	1 400		NOT FISHED				
EF-9394-44 Ross Inlet 67-09N 87-16W	Arctic charr (sr)	139 mm	25tm		NOT FISHED				
EF-9394-45 Padle & June River System	Arctic charr (sr)	139 mm	36tm	7094	27312	RRO	+/- 5%	350 Sampies	

Table 4A.5 (cont'd)

**Eastern Arctic Area
Experimental Fisheries
1993/94**

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Dax Quality	Other Data Available	Contact
EF-9394-48 Unnamed Lake (West of Ava Inlet) 63-52N 72-07W	Arctic charr (sr)	139 mm	1 000		NOT FISHED				
EF-9394-51 Unnamed Lake (Iqalalauit) 68-30N 68-35W	Arctic charr (sr)	139 mm	2 000		NOT FISHED				
ET-9394-52 Tasirjuaq River 67-04N 84-52W	Arctic charr (sr)	139 mm	2 500	220	726	STR	+/- 5%		

Table 4A.6

Eastern Arctic Area
Experimental Marine Fisheries
1993/94

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed value (\$)	Data Source	Data Quality	Other Data Available	Contact
EF-9394-01 Coastal area of Baftin Island (a) 67-58N 66-45W	Turbot	Longlines	2000		NOT FISHED				
EF-9394-04 Admiralty Inlet (b)	Turbot	Longlines	10000		NOT FISHED				
EF-9394-30 Eastern coast of Baftin Island (c)	Turbot	Longline	50000		NOT FISHED				
	Atlantic cod	Longline	20 000						
	Iceland Scallops	Scallop buckets	20000						
	Shrimp	Traps	25000						
	Snow Crab	Traps	5 000						

(a) between Kangccak Point and Cape Hooper

(b) contained within a line running from Cape Crauford to **Cape** Charles Yorke 73-44N 84-50W to 73-43N 82-50W

(c) In the tidal waters bounded within two hundred (200) nautical miles from the shoreline along the eastern coast of Baffin Island from a **point** at Cape Mercy (64-53N latitude, 63-32W Longitude) to a point at Clyde River (70-26N latitude, 68-23W longitude).

Table 4A.6 (cont's)

Eastern Arctic Area
 Experienced Marine Fisheries
 1993/94

Licence Number, Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data source	Data Quality	Other Data Available	Contact
EF-9394-3t Eastern coast of Baffin Island (b) (Cape Mercy to Clyde River)	Turbot	Longline	50000		NOT FISHED				
	Atlantic Cod	Longline	20000						
	Shrimp	Traps	25000						
	Snow Crab	Traps	5 000						
	Iceland Scallops	Scallop buckets	20 000						
EF-9394-38 Resolute Bay	Isopods	Scuba & trapnets	10		NOT FISHED				
	Coral	Scuba & trapnets	10						
Resolute Passage	Basket star	Scuba & trapnets	5		NOT FISHED				
	Spiny lump sucker	Scuba & trapnets	10						
	Mysid shrimp	Scuba & trapnets	200						
	Arctic cod	Scuba & trapnets	60						
	Brittle stars	Scuba & trapnets	100						
	Polychaete worms	Scuba & trapnets	800						

Table 4A.6 (et.,

Eastern Arctic Area
Experimental Marine Fisheries
1993/94

Licence Number. Waterbody Name and Location	Quota Species	Gear or Mesh size	Quota (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Data Available	Contact
EF-9394-39 Cumberland Sound (a) Location: Zone 1	Icelandic scallops	Digby drag	30 000	30258	266(W)	STR	+/- 0%		
Cumberland Sound (b) Location: Zone 2	Icelandic scallops	Digby drag	40 000		NOT FISHED				
EF-9394-40 Eastern coast of Baffin Island (c)	Turbot Atlantic cod Iceland scallops Shrimp Snow crab	Longline Longline Scallop buckets Traps Traps	50000 20 000 20 000 140 000 5 000		NOT FISHED				
EF-9394-46 Fury and Hecla Strait 69-55N 83-00W	Turbot	Longlines	2 000		NOT FISHED				

(a) Area lying north of Lat. 65-40N (southern **tip of Kekerten** Is.) and east of Long. 66-09W

(b) Areas within Cumberland Sound that lie outside Zone I

(c) In the **tidal** waters bounded within twelve (12) nautical miles from the shoreline along the eastern coast of Baffin Island from a point at Cape Mercy (64-53N latitude, 63-32W longitude) to a point at Clyde River (70-26N latitude, 68-23W longitude).

Table 4A.6 (cont'd)

Eastern Arctic Area
Experimental Marine Fisheries
1993/94

Liceorx Number, Waterbody Name and Location	Quote Species	Gear or Mesh size	Qrrotx (rd kgs)	Harvest	Landed Value (\$)	Data Source	Data Quality	Other Dara Available	Contact
EF-9394-50 Cumberland Sound Area (a)	Turbot	Longlines	5(KI 000	401709	778 000	STR	+/- 0%		
EF-9394-53 Hudson Bay - Whale Cove Area 63tKs/6330N 92 00/93 00W	Amphipods	Pots and trawls	5000		NOT FISHED				

(a) An area lying west of a line mrrning from a point at **Cape Merch (69-53N Lat.)** to a **point al Cape St. David (64-35W Long.)**

Table 4A.7

Eastern Arctic Area
Commercial Fishing Licence Sales, by Community
1993/94

community	Resident Licences		Non-resident Licences		Total Licences	
	Sold Fishermen		Sold Fishermen		Sold Fishermen	
Arctic Bay	17	17	0	0	17	17
Allen Island	3	1	0	0	3	1
Arviat	76	48	0	0	76	48
Baker Lake	7	5	0	0	7	5
Broughton Island	17	12	0	0	17	12
Chesterfield Inlet	41	31	0	0	41	31
Churchill	0	0	11	11	11	11
Clyde River	18	18	0	0	18	18
Coral Harbour	7	7	0	0	7	7
Creswell Bay	2	2	0	0	2	2
Hall Beach	6	6	0	0	6	6
Igloolik	26	25	0	0	26	25
Pangnirtung	58	47	0	0	58	47
Rankin Inlet	58	37	0	0	58	37
Repluse Bay	9	7	0	0	9	7
Whale Cove	23	21	0	0	23	21
Total	368	284	11	11	379	295

Table 4B.1

**Eastern Arctic Area
Marine Mammal Harvests,
by Region and Species, 1993/94**

Region	Beluga	Narwhal	Walrus
<i>High Arctic</i>	45	293	245
South Baffin/ Hudson Strait	98	24	52
West Hudson Bay	105	14	92
East Hudson Bay	10	0	n.d.
Total	258	331	389

Table 4B.2

**Eastern Arctic Area
Marine Mammal Harvests,
by Community and Species, 1993/94**

Region/ Community	Species	Number Landed	Data Source	Data Quality	Years with Reported Harvest used in FYA
High Arctic					
Arcac Bay	Beluga	2	FO	i-l- 0%	
	Narwhal	85	TAG	n/a	
	walrus	0	FO	+/- 0%	
Broughton Island	Beluga	0	FO	+/- 0%	
	Narwhal	52	TAG	n/a	
	walrus	0	FO	+/- 0%	
Clyde	Beluga	0	FO	n/a	
	Narwhal	34	TAG	n/a	
	walrus	0	FO	n.d.	

. . .continued

Table 4B.2 (cont'd)

Eastern Arctic Area
Marine Mammal Harvests,
by Community and Species, 1993/94

Region/ Community	Species	Number Landed	Data Source	Data Quality	Years with Reported Harvest used in FYA
High Arctic (cont'd)					
Cresswell Bay	Beluga	n.d.			
	Narwhal	8	TAG	n/a	- includes Resolute Bay harvest no historical data
	Walrus	0	.	n/a	
Beluga	10	FO	+/-20%		
Grise Fiord	Narwhal	9	TAG	n/a	
	walrus	12	FO	+/-17%	
	Beluga	1	FO	+/- 0%	
Hall Beach	Narwhal	0	TAG	n/a	
	Walrus	60	FO	+/-17%	
	Beluga	20	FO	+/-10%	
Igloolik	Narwhal	27	TAG	nia	
	walrus	165	FO	+/- 9%	
	Beluga	1	FO	+/- 0%	
Pond Inlet	Narwhal	78	TAG	n/a	
	walrus	2	FO	+/-50%	
	Beluga	11	FO	+/- 0%	
Resolute Bay	Narwhal	0	TAG	n/a	- see Cresswell Bay
	walrus	6	FO	+/- 0%	
	Beluga				
South Baffin/Hudson Strait					
Cape Dorset	Beluga	35	FO	+/-15%	
	Narwhal	0	TAG	n/a	
	walrus	23	FO	+/-13%	
Iqaluit	Beluga	35	FO	+/- 0%	
	Narwhal	0	TAG	n/a	
	walrus	29	FO	+/-10%	
Lake Harbour	Beluga	13	FO	+/- 0%	
	Narwhal	0	TAG	n/a	
	walrus	n.d.	-	n/a	
Pangnirtung	Beluga	15	FO	+/- 0%	
	Narwhal	24	TAG	n/a	
	walrus	0	FO	nia	

... continued

Table 4B.2 (cont'd)

Eaatern Arctic Area
Marine Mammal **Harvest**,
by **Community** and Species, 1993/94

Region/ Communiy species	Number Landed	Data Source	Data Quality	Years with Reported Harveat used in FYA
<u>West Hudson Bay</u>				
Arviat	Beluga	23	FO	+/- 13%
	Narwbal	0	TAG	n/a
	walrus	0	FO	n/a
Chesterfield Inlet	Beluga	17	FO	+/- 18%
	Narwbal	0	TAG	n/a
	Walrus	6	FO	+/- 0%
Churchill	Beluga	0	FO	n/a
	Narwbal	0	TAG	n/a
	Walrua	0	FO	never harvested
cod Harbour	Beluga	20	FO	+/- 10%
	Narwhal	1	TAG	n/a
	Walrua	55	FO	+/- 9%
Rankin Inlet	Beluga	14	FO	+/- 14%
	Nanvbal	0	TAG	n/a
	walrus	4	FO	+/- 0%
Repulse Bay	Beluga	12	FO	+/- 8%
	Narwhal	13	TAG	n/a
	walrus	25	FO	+/- 8%
Whale Cove	Beluga	19	FO	+/- 11%
	Narwbal	0	TAG	n/a
	Walrua	2	FO	+/- 0%
<u>Eaatern Hudaon Bay</u>				
Sanilciluag	Beluga	10	FO	+ 500%
	Nanvbal	0	TAG	n/a
	walrus	n.d.	.	n l a

n/a = not applicable

n.d. = no data

APPENDIX 1
FINAL PAYMENTS

The Freshwater Fish Marketing Corporation *usually makes* a final payment to fishermen in November or December following the end of the fiscal year (April 30). The final payments vary from year to year, depending on the marketed value the FFMC received for each species. The prices at which the

FFMC is able to market fish are set largely by world fish markets as approximately 80% of the FFMC'S sales are exports.

The following table shows the final payments made for the species harvested in the Northwest Territories for the past five years.

Freshwater Fish Marketing Corporation
Final Payments
by Species and Fiscal Year
(\$ per round equivalent kg)

Species	1990	1991	1992	1993	1994
Whitefish					
Export	0.23	0.03	0.04	.097	.097
Smoker	0.40	-	-	-	-
Walleye		0.21	1.14	1.20	.71
Lake Trout			0.38	-	-
Northern Pike	0.07	0.38	-	.23	-
Arctic Charr	0.31	0.36	-	-	-
Inconnu		0.34	0.30	.53	.41
Burbot					
Mullet (Suckers)	-	-	-	-	-

-- no final payment

APPENDIX 2
FISHERY SUBSIDIES

This table details the main government subsidies in support of the fisheries covered in this report. These subsidies are primarily paid by the GNWT Department of Economic Development and Tourism (EDT) and the Canada/Northwest Territories Economic Development Agreement (EDA). The method of subsidy varies, and the available subsidy data are aggregated such that it has not been possible given the subsidy data provided by ED&T to separate, in every case, the subsidy component from market value or price paid to fishermen. The table indicates the organization responsible for administering the subsidy program for the fisheries, it does not however, include subsidies administered through the Northwest Territories Development Corporation or any other provincial or federal government department.

Source: GNWT Economic Development and Tourism

Fishery	Species	Harvest (rd kgs)	Landed Value (\$)	Price to Fishermen	Method of Subsidy
Mackenzie Delta	Broad Whitefish	11821	12530	\$ 1.06 @	Processing Plant. This does not include additional funding by the EDA The price to fishermen includes the GNWT subsidy.
Cambridge Bay Ekalluk River Ellice River Halovik River (30 Mile River) Jayco River, Albert Edward Bay Kulgayuk River (Dease Pt.) Lauchlan River (Byron Bay) Paliryuak (Surrey River)	Arctic charr	49849	93706	\$1.88/kg	50% of freight costs from the plant to the nearest southern point of departure (eg. Winnipeg). Plants apply on behalf of the fishermen. All species of fish transported on a commercial basis between NWT communities are also eligible for a subsidy of 50% of freight costs. The price to fishermen includes the GNWT subsidy.
Great Slave Lake	Whitefish Walleye Lake trout Northern pike Incomu	1208000 5100 58500 98300 35200	1205116 10400 25000 82600 61600	1.00/kg 2.031kg .43/kg .84/kg 1.75/kg	Winter 1992/93 Price support \$260 083} whitefish Road Freight \$95 095} Summer 1993 Lake freight subsidy \$114 307} Wool Bay/Moraine Bay} whitefish Price support \$196 733.12} whitefish Road Freight \$122 958.20} whitefish The price to fishermen includes price support (whitefish reduction program). It does not include the lake freight or road freight subsidies.

Fishery	Species	Harvest rd kgs)	Landed Value (\$)	Price to Fishermen	Method of Subsidy
Keewatin charr fishery Arviat (Eskimo Point) Chesterfield Inlet Coral Harbour Rankin Inlet Repulse Bay Whaie Cove	Arctic charr	9805	3 2 3 5 6	3.301/kg	See Cambridge Bay The price to fishermen includes the GNWT subsidy.
Baffin charr fishery Arctic Bay Broughton Island Ciyde River Igloolik Hall Beach Iqaluit (Frobisher Bay) Pangnirtung Pond Inlet Resolute Bay	Arctic charr	62641	179671	2.87/kg	See Cambridge Bay The price to fishermen includes the GNWT subsidy.
Pangnirtung Turbot fishery	Turbot	401778	778000	1.94/kg	50% of freight costs between Pangnirtung and Iqaluit for turbot. The remaining cost shipping turbot from Iqaluit to Montreal (its primary market) is not eligible under the program. The price includes the subsidy administered by the GNWT

Source: GNWT Economic Development and Tourism

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