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REGIONAL AND COMMUNITY PROFILES  
FOR THE  
LANCASTER SOUND PLANNING AREA

Prepared by:

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Northern Land Use Planning Office

February 1987

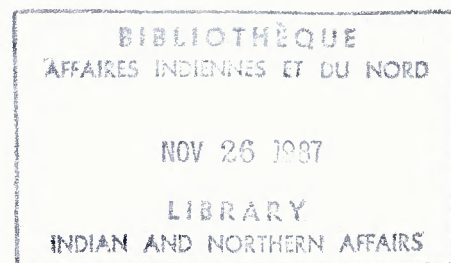
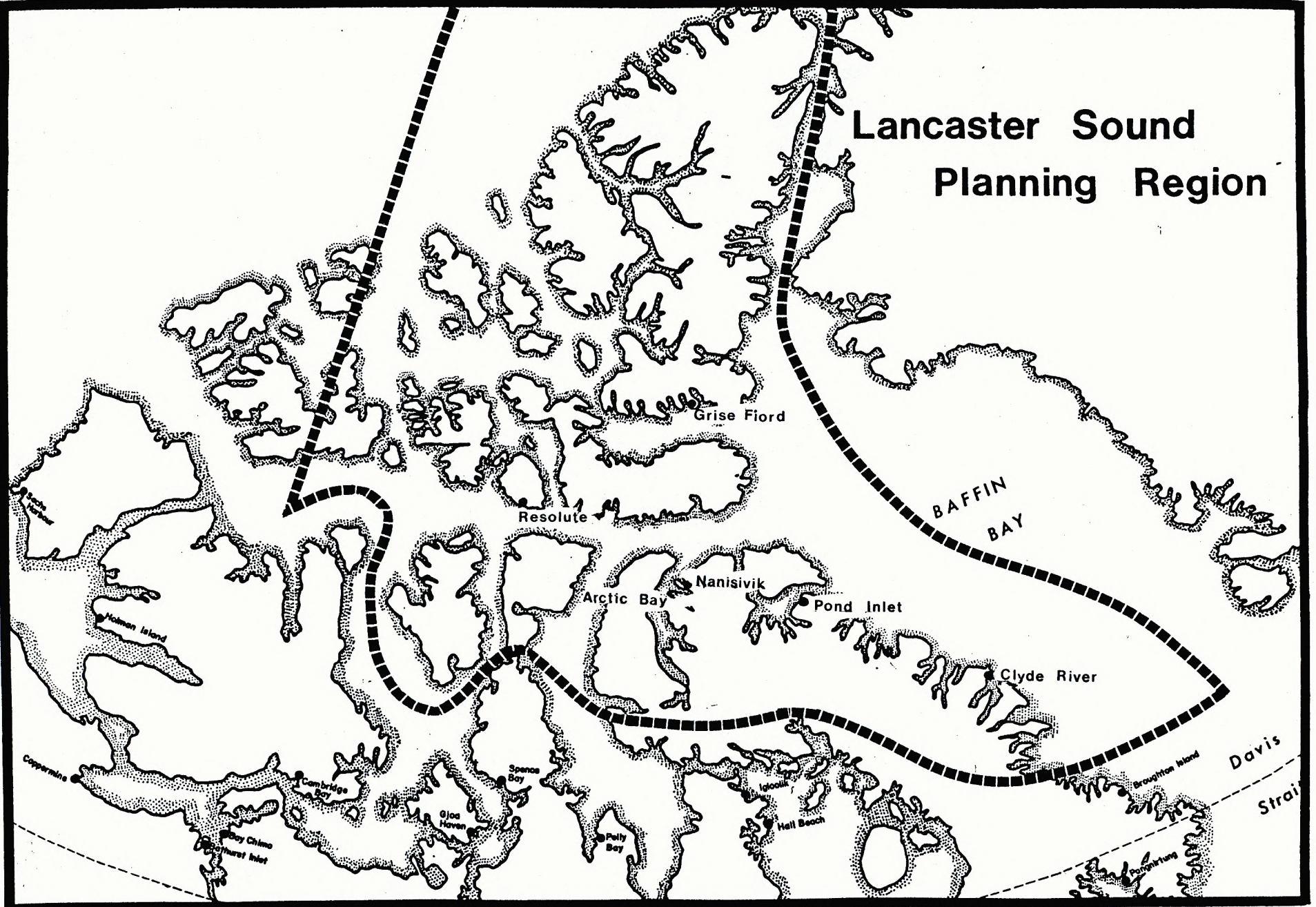


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# Lancaster Sound Planning Region



# LANCASTER SOUND REGIONAL AND COMMUNITY PROFILES

## INTRODUCTION

### Purpose

The purpose of these regional and community profiles is to describe the important social and economic make up of the region and each community within the Lancaster Sound planning area. The profiles are intended to help the Commission, the Regional Commission and the planning partners to develop a vision of the future. They will also form the background for information exchange and discussions with communities and other interested groups.

### Scope of the Study

These profiles are resource documents intended to initiate discussions on what opportunities and constraints exist in the individual community and in the planning region as a whole. The profiles attempt to give a sense of general socio-economic trends.

Each profile describes (wherever data was available), the history, human resources, the economy and future economic prospects. What is missing from the profiles is a more in-depth look at the social and political structure of each community and the region and resource inventory and analysis. These factors play a vital role in determining the "what and how" of initiating new economic ventures. These and other questions, will be discussed during the completion of the "Situation Analysis".

Each profile is a self contained unit that can be removed from this binder and thus utilized by each person as per his/her requirements.

### Methodology

The data for the profiles was collected from various studies, censuses, surveys, government records, and professional contacts. Data sources included:

- (1) Statistics Canada;
- (2) GNWT Departments of Community and Municipal Affairs, Education, Renewable Resources and Social Services;
- (3) GNWT Bureau of Statistics;
- (4) Media reports, news releases and news clippings;
- (5) Northern Land Use Planning Office data collections;
- (6) DIAND and other federal departments; and
- (7) Personal communications with professionals.

In extracting information from these sources care was taken to provide the most accurate and current data available. Since complete and accurate figures were not always available, some sources provide estimates.

LANCASTER SOUND  
REGIONAL PROFILE

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LANCASTER SOUND  
REGIONAL PROFILES

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# LANCASTER SOUND REGIONAL PROFILE

## 1. INTRODUCTION

This regional profile is organized into three sections:

1. a regional narrative describing history, human resources, economy and future prospects;
2. a section containing figures which illustrates historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which supports the data used to prepare the graphics and text.

In describing the social and economic makeup of the region, this profile will help people of the region focus on where they have come from, where they are now, and where they are going. This profile is meant to help the communities identify opportunities and constraints to development. The communities can develop a vision of where they want to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

## 2. HISTORY

### 2.1 Introduction

People have been living in the Lancaster Sound area for at least 5,000 years. The past 100 years has been a period of intense contact between native and non-native people, a process which has required tremendous adjustments and adaptations. This process has led to the growth of communities with a unique retention of the past and perceptions of the present. It is out of their past and present that the communities in the region now face the task of developing a vision of the future.

There have been several eras of major change in the history of the region. The present era, in which the search for oil and gas, mining exploration and development, and scientific research has been dominant, was preceded by periods in which fur and whaling were major staples, and later, by others in which government and defence were extended into the area. Each such era has had a major effect on the people of the region, changing their culture, customs and economic base.

### 2.2 Prehistory

The Inuit and their ancestors, dating back at least 5,000 years, were present in various locations throughout the

planning region (Naysmith, 1975). The work of archaeologists indicates that Pre-Dorset, Early-Dorset, Late-Dorset and Thule cultures occupied the area in the past. Their analysis suggests that the occupation period varied from a few days to very lengthy stays. Prehistoric sites have been found at Devon Island, Cornwallis Island, Somerset Island, Admiralty Inlet, Eclipse Sound and Navy Board Inlet.

Recent archaeological field studies conducted during 1977 and 1978 have discovered many new unreported sites. The distribution of these sites and their contents suggest a greater continuity and density of human occupation in the region than previous evidence had indicated.

The sites of Pre-Dorset culture indicate that these people lived in small, widely scattered, nomadic bands, moving seasonally in order to hunt caribou and seal, probably supplemented by fish and birds in summer. The Pre-Dorset culture persisted to about 800 B.C. (Naysmith, 1975).

The people of the Dorset culture (Early and Late Dorset cultures) lived a seasonally nomadic life similar to their Pre-Dorset ancestors. The Dorset cultures are characterized by delicate carvings in ivory, antler and bone, depicting animals, fish, birds and humans. It is believed that these cultures invented the snow house (Taylor, 1971). About 900 A.D. the Dorset cultures began to disappear and to be replaced by the Thule culture.

The Thule culture, just as the Pre-Dorset culture originated from the Bering Sea region, moved eastward along the arctic coast and northward through the Arctic islands. The Thule hunters made extensive use of dogs, thereby increasing their mobility. This culture also developed expertise with which to hunt the baleen whale (Crowe, 1969). Thus, the relatively large constant source of food available to those early whalers allowed them to lead less nomadic lives.

By about the 18th century, with the decline in whaling, the Thule had resorted to a more nomadic life, relying upon the more scattered herds of seal and walrus. The decline in whale hunting may have been in part a result of a harsher climate during the period 1650-1850 and the presence of European whalers which reduced the whale population (Taylor, 1971). The change from Thule to Central Eskimo or Inuit was completed with the arrival of Europeans in the 18th century.

### 2.3 Discovery

The first recorded discovery of Cumberland Sound was by John Davis in 1585, and by William Baffin who entered the Lancaster

Sound area as early as 1616. Despite this earlier probing of northern waters, exploratory work remained at a standstill until the early 1800's with the renewed interest in the Northwest Passage (Bissett, 1967). The earliest known contact between the local population of the region and the outside world occurred as a result of expeditions led by explorers like John C. Ross in 1818, Captain Penny in 1839 and Sir John Franklin in 1845. Such voyages had major bearing on the subsequent history of the region, but had little impact on the local people at the time.

From 1847 to 1880, many expeditions were undertaken, in particular in search of the missing Franklin expedition. Many of these attempts were combined with whaling ventures (Harper, 1980). During the early 1900's, the Northwest Passage was finally navigated first by the Norwegian, Roald Amundsen in 1903, the first Canadian government expedition led by A.P. Low in 1904 and by Captain Bernier in 1906. From 1910 to 1922, the Lancaster Sound area was virtually forgotten by all except traders, until the Eastern Arctic Patrol was initiated in 1922.

#### 2.4 Whaling

Following the exploratory work of the British Admiralty, Scottish and English whalers who had been working the Greenland coasts extended into the area in pursuit of whales. Whaling was dominant until 1860 and remained important until the turn of the century. Most contacts between whalers and the Inuit occurred in the areas of Pond Inlet and Clyde River, since many of the whalers preferred to exploit the less hazardous waters east of Baylot Island (Harper, 1980).

During the whaling era, the Inuit were introduced to the English language, acquired new customs and technology, and learned much about the non-native values from the whalers. As the bowhead whale population declined rapidly because of whaling, Inuit contacts with the whalers increasingly focussed on the fur trade, which began in earnest in the early 1900's. The Inuit traded furs, skins, ivory, and seal oil for guns, ammunition and other southern goods.

The Inuit were employed casually in whaling tasks in the Pond Inlet and Clyde River areas until the whaling era ended about 1914.

#### 2.5 Trading

With the bowhead population greatly depleted, and with the increased dependence on non-native goods and technology, trading in furs and other game, which was introduced by the

whalers and the "free traders", became the most important element in the economic and social life of the Inuit in the area.

Trading on a permanent basis began in the High Arctic with the establishment of the Hudson's Bay Company trading post in Pond Inlet in 1921. A second permanent trading post was established in Arctic Bay in 1926, but closed the following year, re-opening permanently in 1936. Several other Hudson's Bay trading posts were opened on a seasonal basis on Somerset Island and Dundas Harbour, but permanently closed by 1948.

The establishment of the trading posts provided a focal point at which the Inuit could congregate and settle in permanent homes. These posts also became places for the government to establish schools and services.

## 2.6 Government

Shortly after the establishment of the trading posts, the first government presence was that of the R.C.M.P. The R.C.M.P., apart from performing their traditional role, also carried out errands of mercy in times of food shortage.

The post World War II era had witnessed many changes. The Federal Government initiated a wide range of programs such as education, health, housing, community infrastructure, social assistance and local economic development. These programs were undertaken following the collapse of the fur trade, in which many people found themselves in difficult economic situations. It also represented an attempt to raise social and economic standards in the Arctic to levels comparable to the rest of Canada.

In 1947, a weather station was established at Resolute Bay. Two years later, an airstrip was opened, and Resolute became a focal point of Arctic transportation. As a further step which was intended to help assert Canada's sovereignty over the High Arctic, the Federal Government, in the early 1950's, relocated several families from Port Harrison, Quebec, and from Pond Inlet to new settlements at Resolute and Grise Fiord. Since that time, other people have moved to those communities from some Baffin Island areas.

The provision of government services lured people from the life of traditional camps to life in modern serviced communities. Thus, by the end of the 1960's, most of the people had abandoned their traditional nomadic lifestyle and moved to the communities. However, some Inuit still live permanently in outpost camps as well as on a seasonal basis.

Oil and gas exploration and the establishment of Nanisivik and Polaris mines contributed toward transforming many communities into a wage economy. Some communities, such as Grise Fiord and Clyde River, still have predominantly traditional economies. With the decline in prices for furs, hunters in the area can no longer depend on supplementing their cash incomes by hunting seals and other furbearers.

Most Inuit people, even those that are employed by the wage economy, return to the land and sea, back to their cultural roots, on a part-time basis. Thus, the life of renewable resources still continues to play an important role in the physical and psychological well being of the local Inuit.

### 3. HUMAN RESOURCES

#### 3.1 Demography

During the last 25 years, from 1961 to 1986, the population of the Lancaster Sound planning region increased from 365 to 2,328 (Statistics Canada, Censuses). The population increase during this period was 638 percent. For the same period, the communities that had the greatest increase were Pond Inlet (1,483%), Clyde River (1,163%), and Arctic Bay (961%). The greatest regional increase occurred between 1961 and 1971 by 242 percent. Similarly, on a community basis, the greatest increase occurred during the same period. The smallest increase in population occurred between the last two Censuses (1981-86) by 13 percent. Most of the communities experienced a steady constant increase in population in the last 10 years. Grise Fiord is the only community that experienced a relatively small increase in population between 1981 and 1986, with an overall decline since 1976 by 7 percent. On the other hand, Resolute's population fluctuated considerably between the Census years. Thus, Resolute's overall increase over 25 years was only 19 percent. The rapid growth period reflected the movement of people off the land and into the settlements, as well as their subsequent high rates of natural increase due to conditions of better health care, housing and social assistance programs. The decline in population is a reflection of job availability and adjustment due to the creation of the Nanisivik mining town. Based on a 3 percent growth rate per annum, it is estimated that by the year 2000 the regional population will be about 3,800.

The region has a young population. The latest available age specific data are for 1981. They reveal that some 69 percent of the population was under the age of 24; 45 percent under the age of 14, and 18 percent under the age of 4. For the same period, about 16 percent of the population was between the ages

of 25-34; 15 percent between the ages of 35-54; 4 percent between the ages of 55-64, and only about 2 percent were 65 and older. The projections for the subsequent years indicate a similar trend. For example, about 63 percent of the population will be under the age of 24, or over 78 percent of the population will be under the age of 34. At the same time, it is estimated that the population over 55 years old will remain quite stable. That is, it is not expected that the older regional population will increase substantially.

The community specific data shows that Grise Fiord, Arctic Bay and Pond Inlet have the most youthful populations, while Clyde River has the least youthful population. The projections to the year 2000 indicate a similar trend for those communities.

In 1981, the region had about 53 percent males and 47 percent females. This difference in sexes is estimated to remain about the same to the year 2000. The difference between male and female among the non-native population was higher (60% males in 1981), mainly due to the nature of jobs which attract more males than females, and in particular, due to the Nanisivik mine's job market, which is by-and-large a male dominated work environment.

In 1981, the majority of residents were Inuit (88%) and the remainder were English-speaking government, education, or service industry employees, and miners. It is expected that by the year 2000 the Inuit population will increase slightly to 90 percent. However, with the expected closure of Nanisivik Mines by 1992, the Inuit population may increase to 95 percent. The increase to the Inuit population can result due to the Inuit's ability to assume the many roles the non-native population perform currently in the region.

The largest proportion of the population under the age of 24 could produce problems for the communities as they enter the labour force. Since there are few opportunities for expansion in the existing economy, and if new fields of endeavour are not developed, the younger members of the region will be forced to leave in search of employment. In order to keep its young people from leaving, the communities in the region must seek to expand their economy.

### 3.2 Education

Most of the communities in the region have a school system from kindergarten to grade 9. Grise Fiord has a grade 8 class, and Pond Inlet a grade 10 class, which was only added in the 1985-86 school year. Students who wish to go to high school have to relocate to the residential high school in Iqaluit.

In the 1985-86 school year, the region had an enrollment of 728 students, the highest enrollment in the last 5 years. This high enrollment is mainly due to the addition of a grade 10 class in Pond Inlet. In all other years, from 1981 to 1985, the overall regional enrollment fluctuated between 601 students for 1982-83 to 691 students for the 1983-84 school year. The greatest fluctuation in enrollment occurred in Nanisivik and Resolute Bay, the two communities that are largely dependent on wage economy. The enrollment in school, as a percentage of the regional population, has increased to 33 percent in the 1985-86 school year.

About 50 percent of the school enrollment for 1985-86 was in primary grades (K-3); 31 percent in the intermediate grades (4-6), and about 13 percent in the middle grades (7-9). This percentage did not vary significantly from 1981 to 1986. Generally, on a regional basis, there were more males than females enrolled in school. However, there were more females enrolled in the middle grades in all the years, except in the 1984-85 school year.

The overall percentage of attendance was between 60-88 percent, ranging from 60-79 percent in 1981-82 to 73-87 percent in the 1984-85 school year. The community specific data shows that the lowest percentage of attendance was in 1981-82, for all communities except for Grise Fiord where the lowest attendance occurred during the 1983-84 school year. The highest attendance occurred in Nanisivik (88%), Arctic Bay (81%), and Clyde River (80%). It appears that in most communities, students take little time off to accompany their parents onto the land, since the percentage of non-attendance due to land days is relatively low, ranging from 0.5-10 percent. The highest percentage of non-attendance due to land days occurred in Resolute Bay (4-10%) and in Arctic Bay (3-6%). In examining the trends over the last 5 years, it appears that there is no apparent relationship between an increase in land days and attendance at school. Therefore, non-attendance must be linked to other reasons than participation in renewable resource harvesting.

On a regional basis between 1976-85, 30 students graduated from high school (grade 12) (G.N.W.T., Department of Education, 1986). During this period, 60 percent of the graduates were Inuit. The highest number of graduates were from Resolute Bay (9 students) and Pond Inlet (8 students), while the lowest number of graduates came from Clyde River and Nanisivik, 2 students, respectively. It appears that there is a high

students, respectively. It appears that there is a high drop-out rate of students from grades 9 through 12. One of the reasons that so few graduate is that students must leave their home community to attend the regional high school in Iqaluit. Many of the students find it difficult to be away from their home community. Loneliness, alcohol, drugs, and pressure from parents to return home are some of the reasons that students do not complete their studies.

Many of the essential skills such as leadership, motivation, demonstrated ability to absorb new learning, ability to verbalize in English and social skills are usually fostered in the high school atmosphere. When individuals do not attend high school or leave prior to high school completion, these areas suffer as well as the required core subject areas.

Based on Statistics Canada's 1981 census, 51 percent of the working age population (15-64) has less than grade 9 education; 26 percent had no schooling at all. On a community basis, this ranges from 77 percent for Grise Fiord to 9 percent for Nanisivik. For all other communities, the range is between 48-71 percent. The same census data also shows that about 14 percent of the people in the region had more than grade 9 schooling; 2 percent had some schooling between grades 9-12; 11 percent had trade diplomas and about 6 percent had some university education and/or received a degree or diploma. Generally, the non-native population is more educated and thus hold most of the skilled and managerial and/or professional positions.

It appears that the educational system presently available, particularly in the smaller communities, is not designed to prepare individuals for employment in the technological field of the regional development. This weakness has been one of the major hindrances in hiring, developing and promoting large numbers of native regional people in particular. Thus, the area of adult education is one which shows great promise and could provide much needed training, especially in activities such as oil and gas which could become an important source of income and employment for each community in the future, once exploration and development will resume.

#### 4. ECONOMY

##### 4.1 Introduction

The regional economy can be broken down into three major categories that include the public, private and renewable resource sectors. The public sector includes income from the Territorial, Federal and Municipal Governments, as well as the



Crown Corporations. The private sector is made up of local private businesses, oil and gas, mining, tourism and crafts. The third category includes income from sale of raw renewable resources such as fish, meat and furs, as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

The proportion of income from the different sectors based on 1982 data provided by the G.N.W.T. (1984) was: 57 percent from the private sector, 40 percent from the public sector (excluding transfer of payments), and 3 percent from renewable resources (excluding the imputed value of country food). The Federal and Territorial transfer of payments contributed over 7 percent to the regional cash income. If we include the imputed value of country food, then the renewable resource sector accounted for about 17 percent of the total regional income. For 1982, the average regional income per capita was over \$12,000, ranging from \$27,000 for Resolute to \$6,000 for Pond Inlet.

The economy has evolved from a subsistence hunting, fishing and gathering economy to one involved in trapping and trading of furs in the late 1800's, to a mixed wage/subsistence economy starting in the 1960's with the expansion of government programs. This has become an increasingly dependent wage economy for most communities with the advent of oil and gas exploration and the establishment of the Nanisivik mining project.

According to the 1981 Census, the region had about 1,405 people at the working age (15-64), but only 580 people were employed. The majority of these people were employed by the service and secondary industries. The 1984 labour force survey of G.N.W.T.'s Bureau of Statistics indicated that the unemployment rate for the region was about 18 percent, ranging from 27 percent for Resolute Bay to 5 percent for Grise Fiord (Nanisivik, since it is a mining town, had no unemployed persons). The participation rate for the region was about 63 percent, ranging from 87 percent for Nanisivik to 49 percent for Clyde River. Most of the people were employed in the unskilled or semi-skilled jobs. Since 1970 to July 1986, 69 people from the region received Journeyman certification. The majority of Journeymen came from Nanisivik (30 people or 43%).

#### 4.2 Renewable Resources

Activities such as hunting, trapping and fishing are an important part of the regional lifestyle. They provide part of the food supply and a portion of the cash income for many

people, as well as materials for arts and crafts. This subsistence production is characterized by a high participation rate by most of the people throughout the year on a largely part-time and opportunistic basis.

The available data on trapping indicates that many people are engaged in some trapping in all of the communities with the exception of Nanisivik, which is by-and-large a non-native mining town. The cash income derived from furs by the majority of individuals was less than \$600. During the last 12 years, only about 10 percent earned up to \$1,000 from trapping, while about 2 percent of all trappers earned \$5,000 or more from trapping. Overall, trapping appears to be more of a part-time activity than a full-time way of life in the region.

There are variations in the degree to which people participate in trapping in the region's communities. Participation measured as a percentage of the total population is less in Pond Inlet and Resolute Bay. However, the proportion of trappers attaining different income ranges was similar to other communities in the region.

Income from fur production has dropped considerably since the 1976-77 trapping season when 328 registered trappers had a reported income of \$489,000 (1985 dollars), to a low of \$69,000 for the 1984-85 trapping season (180 trappers). For most communities the highest cash return was during the 1976-77 trapping season. The trend appears to have been the result of higher returns for furs until 1980, combined with an increased number of part-time trappers, rather than a reflection of greater participation in full-time trapping.

During the last 15 years, income from fur production fluctuated considerably, as did the number of registered trappers. For example, the number of trappers dropped from a peak of 328 trappers for 1976-77 to a low of 153 trappers for the 1982-83 trapping season. In the last 4 years the average trapper's income was very low, ranging from \$600 for 1981-82 to \$360 for the 1984-85 season. It appears that protest by animal rights groups had a drastic effect on prices, particularly on seal skins. Today seal skins are mostly used in producing various handicrafts and clothing. If this situation continues it is likely that fur harvesting will provide minimal income to trappers in the future, thereby forcing some trappers to seek other means to supplement their cash income.

In examining the fluctuations in the number of registered trappers, in particular the decline since the 1976-77 season, one can attribute this decline, not just due to the low cash return from furs, but as well, due to increase in wage employ-

ment opportunities arising from Panarctic's and Nanisivik's operations. The increase in the number of trappers could be due to the slow down in the wage economy, resulting in more people returning to the land.

People in the region, as well as some non-native regional residents, obtain part of their food supply through hunting and fishing. Caribou and seal are the key meat species for the communities in the region. Fish, in particular char, are a staple in every community.

Records regarding the number of game and fish harvested for domestic consumption are not reliable. It is therefore difficult to estimate the proportion of the region's food supply that comes from its fish and game resources, or the imputed value of country food. Nevertheless, based on BRIA's (1982) harvesting study, the value of country food was about \$3.6 million for 1982. This value was based on 363,000 kgs of edible weight. The per capita edible weight averaged about 176 kgs, and thus the per capita value was about \$2,000. Based on the per capita meat production, the protein content of the regional harvest exceeds the required "adequate" diet, as defined by Health and Welfare Canada (Science Advisory Board, 1980). Therefore, with the addition of other wildlife to their diet, the communities in the region are more than self sufficient in protein content from wildlife products alone.

The 1983 data from the above study estimates that the edible weight from harvesting was almost twice that of the previous study (Wong, 1985). Therefore, it is possible to assume that the value of country food may be closer to \$7 million, or about \$4,000, per person. Thus, the value of country food contributed about 25 percent to the total regional income.

Commercial resource harvesting activities are at the development stages. Arctic char is the most promising commercial product which can contribute substantially to the regional economy. However, the cash income from this resource is currently quite low. In 1982, it was estimated that the total regional income from commercial fishing was about \$32,000, ranging from \$2,000 in Clyde River to \$12,500 for Pond Inlet. The potential to expand commercial fishing for Arctic char and other species is there, not only in the rivers but in the offshore areas as well. Sport hunts for polar bear and muskox also contributed considerably to the total economy of some communities. Future sport hunts look promising, if they are combined with the overall tourism efforts.

It was estimated that hunting and trapping accounted for about 3 percent of the regional cash income, or about \$396,500, in

1982. When the imputed value of country food is included, these activities account for about 19 percent, or over \$4 million, for the same period. Thus, the renewable resources sector did contribute substantially to the regional economy, not as much in cash income but more in subsistence living for many people.

#### 4.3 Public Sector

The public sector includes income and employment from the Territorial and Federal governments, local municipalities and crown corporations. In 1982, the total income from the public sector was about \$6.5 million (G.N.W.T., 1984), which is about 40 percent of the regional cash income (excluding transfer of payments). With the addition of transfer of payments, the public sector's contribution has increased to 45 percent. During the same period, the public sector accounted for about 12 percent in Nanisivik to about 71 percent in Grise Fiord (excluding transfer of payments). For all other communities the public sector accounted for about 40-60 percent of the cash income (excluding transfer of payments). It appears that the public sector is a major contributor to the cash economy of most communities; it provides many essential services free of charge, or at a low cost, such as subsidized housing, which is not included in the above incomes.

Apart from providing direct employment to many residents, the public sector also provides considerable business opportunities through contracts for goods and services, and funds projects with various community organizations. Thus, these contracts and funded projects generate considerable employment and hence cash income for many people on a permanent, part-time, or seasonal basis.

In 1982, the G.N.W.T. was the largest contributor to the cash economy of the region (44%); 38 percent came from the Federal government, and 18 percent from the municipal governments. In most of the communities over half of their cash income came from the G.N.W.T. During the 1985-86 fiscal year, the G.N.W.T. alone spent over \$3.7 million on salaries and wages; \$2.4 million on grants and contributions; \$2.8 million on other operation and maintenance, and over \$4.8 million on buildings and equipment. During the same period, the G.N.W.T.'s total contribution to the regional economy was over \$13.7 million (O&M and capital expenditures).

Transfer of payments are also an important additional cash income for many residents in the region. These transfers from the Federal and Territorial governments accounted for about \$1.3 million for 1982 (G.N.W.T., 1984). In 1984-85, 756 people

received social assistance at an average of \$1,621 per person, ranging from \$903 in Resolute Bay to \$2,091 in Clyde River (G.N.W.T., 1985). The number of people on social assistance has not increased significantly over the last 5 years, but the amount per recipient has been increased annually for all communities except for Resolute Bay. On average, about 30 percent of the working age population has been on social assistance. The actual time spent on social assistance averaged to about 4 months per person. This would indicate that social assistance is used to supplement income during periods of lower economic activity.

The federal transfers of payment were given in the form of family allowance, old age security, unemployment insurance and guaranteed income supplement to pensioners only. It is not known how many people received these payments, but in 1982, about \$432,900 was distributed in the region to those that were qualified to receive these payments.

#### 4.4 Private Sector

The region has a diversity of small to medium businesses which provide employment and hence cash income to many residents. In 1982, the private sector contributed about \$9.3 million in cash income, ranging from \$3.8 million for Nanisivik to \$137,000 for Grise Fiord (G.N.W.T., 1984). Since the 1970's, when Panarctic's oil exploration program began, and since the start of the Nanisivik and Polaris mining projects, considerable business and employment opportunities were available. Thus, any able person who wanted to work for wages or had the entrepreneurial capacity, could take advantage of the industrial activity that was going on, and which is still in progress.

Most of the local businesses are primarily geared to the need of the local market such as local construction, retail merchandise and food sales, transportation, tourism and crafts. Most businesses in the region are small in terms of capitalization, personnel, facilities and annual business volumes. Many were started in makeshift quarters, as one-or-two person operations, and have since grown to be quite sophisticated. A number of businesses, primarily involving transportation, tourism and hospitality, and retail, have grown to be enterprises of considerable size, particularly the Co-ops.

The current state of the regional business sector is a reflection of the talents, initiatives and perseverance. Some are non-native who moved to the region over two decades ago. There is an indication that in recent years more Inuit people entered the business world and thus it is expected to grow considerably.

In 1982, within the private sector, about 42 percent was accounted due to mining activities; 92 percent of all income from mining activities accrued to Nanisivik (the bulk of this income went to non-native employees). Some 30 percent of the income came from the service industry; 8 percent of the income was derived from oil and gas activities; 9 percent from the retail industry; 5 percent from arts and crafts (over 70% from Clyde River alone); 4 percent from the construction industry, and some 3 percent from the tourism industry.

Given the fact that less employment will be available from oil and gas activities, and from mining after 1992, when the expected shutdown of Nanisivik Mines will materialize, tourism and arts and crafts will have to bridge the gap. Thus, with proper marketing, the communities in the region can increase the importance of tourism and consequently increase income from arts and crafts.

#### 4.5 Cost of Living

The cost of living in 1983 was between 60-99 percent higher than Montreal, ranging from 60-69 percent for Arctic Bay, Clyde River, Nanisivik and Resolute Bay, respectively, to 90-99 percent for Grise Fiord, and 70-79 percent for Pond Inlet (Yellowknife was 15-29 percent higher than Edmonton). This is mainly due to remoteness and high cost of transportation. All fresh produce and perishable items must be flown in from Montreal via Iqaluit and/or from Edmonton via Yellowknife.

The 1985 food price survey of the G.N.W.T., Bureau of Statistics, shows that food prices for all items were about 62-75 percent higher than Yellowknife. The highest costs were for dairy and eggs, ranging from 185 percent in Grise Fiord to 67 percent in Clyde River; vegetables and fruits, ranging from 63-120 percent. Therefore, the higher cost of living in the region diminishes the actual earnings in many communities.

#### 5. FUTURE PROSPECTS

Currently the economic base of the region centers around wage income from governments and from local businesses who in turn rely on business opportunities arising from the public sector, from oil and gas, and from mining activities. Some people, particularly the native population, work for wages and use a portion of the income from such work to purchase capital goods needed for a land-based lifestyle. Even though a shift towards increased industrial employment is unlikely due to the economic downturn of oil and gas activities, expectations are rising among the regional population, and more people are becoming interested in working for wages. However, the way of life

involving renewable resource harvesting for the native people as a cash income and as a source of food will continue to be a strong factor in the future.

A basic concern that needs to be addressed is the level of harvest of different wildlife species that can be sustained without depleting the resource. A depletion of the resource could have a negative effect both in loss of country food as a food source and as a cash income.

Traditional hunting and trapping pursuits will probably continue to play a large role in the economic and cultural life of regional communities. An upturn in the price of fur would increase the cash value of hunting and trapping. The value of hunting and trapping to the region cannot be overestimated. A policy of managing the land, fish and game will ensure the region's continuing ability to use these essential resources in the future.

The recent downturn of oil and gas activities in the High Arctic will negatively effect the regional economy, particularly in Pond Inlet and Arctic Bay. The oil and gas industry, namely Panarctic Oils, has hired significant numbers of people from the regional communities since the 1970's, and these people have come to rely on this particular source of income. Similarly, the mining industry contributed significantly to the regional economy. With the expected shutdown of Nanisivik mine by 1992, an important source of income will be lost. Nevertheless, opportunities may be forthcoming and thus in order to prepare people for future industrial employment and business opportunities, there will exist a need to expand the role of small businesses and to train young people for employment in higher skilled occupations. For some people it represents their entire income, while for others it enables them to buy supplies for hunting and trapping.

In addition to employment and cash income, Nanisivik mine also provided for several communities in the region and for the entire Baffin Island, training for people to acquire important industrial skills. These skills are transferable to similar occupations, and thus the loss of this experience could be felt in many communities.

For as long as the government remains in each community and supports its existence, the communities in the region will survive. However, most of the communities had a taste of wage income from industrial activities, and may not be content to depart from this source of employment and business opportunity. Thus, other economic endeavours must be pursued,

such as expansion of tourism, commercial fishing, markets for country food, and arts and crafts. Future prospects for most communities appear to depend on utilizing available renewable resources for domestic and commercial use.



TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

| Community    | 1961 - 2005       |                   |                   |                   |                   |                   |                         |                   |                   |                   |      |                         |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|------|-------------------------|
|              | Historic Records  |                   |                   |                   |                   |                   | Estimated and Projected |                   |                   |                   |      | % Increase<br>1961-1986 |
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup>       | 1995 <sup>2</sup> | 2000 <sup>2</sup> | 2005 <sup>2</sup> |      |                         |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504                     | 591               | 681               | 782               | 961  |                         |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586                     | 673               | 756               | 841               | 1163 |                         |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162                     | 190               | 210               | 224               | 61   |                         |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325                     | 367               | 406               | 430               | N/A  |                         |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939                     | 1063              | 1186              | 1332              | 1483 |                         |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188                     | 212               | 236               | 262               | 19   |                         |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704                    | 3096              | 3475              | 3871              | 638  |                         |

Sources: <sup>1</sup> Statistics Canada, census data

<sup>2</sup> GNWT, Bureau of Statistics

POPULATION BY ETHNIC ORIGIN  
AGE AND SEX FOR CENSUS YEARS  
AND PROJECTIONS

TABLE 2

LANCASTER SOUND REGION

| Year     | Ethnicity         | Sex | All Ages | %   | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |
|----------|-------------------|-----|----------|-----|-----|------|-------|-------|-------|-------|-----|
| 1976 *   | ***<br>All Groups | M   | 850      | 56  | 130 | 255  | 170   | 130   | 135   | 25    | 15  |
|          |                   | F   | 675      | 44  | 120 | 205  | 155   | 130   | 105   | 35    | 15  |
|          |                   | T   | 1525     | 100 | 250 | 460  | 325   | 260   | 240   | 60    | 30  |
| 1981 *   | ALL GROUPS        | M   | 1100     | 53  | 205 | 310  | 190   | 190   | 170   | 45    | 30  |
|          |                   | F   | 955      | 47  | 160 | 255  | 220   | 145   | 140   | 35    | 15  |
|          |                   | T   | 2055     | 100 | 365 | 565  | 410   | 335   | 310   | 80    | 45  |
|          | DENE/<br>METIS    | M   | -        | -   | -   | -    | -     | -     | -     | -     | -   |
|          |                   | F   | 5        | -   | -   | -    | -     | -     | -     | -     | -   |
|          |                   | T   | 5        | 0.2 | -   | 5    | -     | -     | -     | -     | -   |
|          | INUIT             | M   | 960      | -   | 180 | 275  | 175   | 145   | 120   | 35    | 30  |
|          |                   | F   | 850      | -   | 155 | 250  | 185   | 100   | 130   | 35    | 15  |
|          |                   | T   | 1810     | 88  | 335 | 525  | 360   | 245   | 250   | 75    | 45  |
|          | NON<br>NATIVE     | M   | 148      | -   | 11  | 20   | 20    | 52    | 35    | 10    | -   |
|          |                   | F   | 100      | -   | 26  | 50   | 20    | 42    | 10    | -     | -   |
|          |                   | T   | 248      | 12  | 37  | 70   | 45    | 94    | 45    | 5     | -   |
| 1985 *** | ALL GROUPS        | M   | 1247     | 53  | 238 | 330  | 223   | 194   | 192   | 45    | 22  |
|          |                   | F   | 1091     | 47  | 176 | 298  | 245   | 170   | 153   | 28    | 21  |
|          |                   | T   | 2338     | 100 | 414 | 628  | 468   | 367   | 345   | 73    | 43  |
|          | DENE/<br>METIS    | M   | 4        | -   | 4   | -    | -     | -     | -     | -     | -   |
|          |                   | F   | 2        | -   | 2   | -    | -     | -     | -     | -     | -   |
|          |                   | T   | 6        | 0.2 | 6   | -    | -     | -     | -     | -     | -   |
|          | INUIT             | M   | 1091     | -   | 217 | 312  | 199   | 159   | 143   | 32    | 22  |
|          |                   | F   | 970      | -   | 164 | 275  | 216   | 130   | 138   | 40    | 17  |
|          |                   | T   | 2061     | 88  | 381 | 587  | 415   | 289   | 281   | 72    | 39  |
|          | NON<br>NATIVE     | M   | 152      | -   | 11  | 18   | 24    | 38    | 49    | 12    | -   |
|          |                   | F   | 118      | -   | 10  | 23   | 29    | 55    | 19    | 1     | -   |
|          |                   | T   | 270      | 12  | 21  | 41   | 53    | 93    | 68    | 13    | -   |
| 1990 **  | ALL GROUPS        | M   | 1438     | 53  | 207 | 425  | 265   | 207   | 243   | 60    | 29  |
|          |                   | F   | 1266     | 47  | 191 | 344  | 263   | 215   | 179   | 57    | 18  |
|          |                   | T   | 2704     | 100 | 398 | 769  | 528   | 422   | 422   | 117   | 47  |
|          | DENE/<br>METIS    | M   | 4        | -   | -   | 4    | -     | -     | -     | -     | -   |
|          |                   | F   | 2        | -   | -   | 2    | -     | -     | -     | -     | -   |
|          |                   | T   | 6        | 0.2 | -   | 6    | -     | -     | -     | -     | -   |
|          | INUIT             | M   | 1278     | -   | 195 | 404  | 242   | 168   | 196   | 48    | 25  |
|          |                   | F   | 1143     | -   | 179 | 319  | 236   | 175   | 161   | 55    | 18  |
|          |                   | T   | 2421     | 89  | 374 | 723  | 478   | 343   | 357   | 103   | 43  |
|          | NON<br>NATIVE     | M   | 156      | -   | 14  | 17   | 23    | 39    | 47    | 12    | 4   |
|          |                   | F   | 121      | -   | 26  | 23   | 27    | 40    | 17    | 2     | 0   |
|          |                   | T   | 277      | 11  | 40  | 40   | 50    | 79    | 64    | 14    | 4   |

\* Based on Statistics Canada Censuses.

\*\* Estimated and projected based on zero growth due migration.

\*\*\* Data for Manisivik for 1976 is not included, as it was not yet considered as a community.

TABLE 3

POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
SETTLEMENT/REGION:

## Raw Population Statistics:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 4          | 2      | 6     | 223   | 164    | 387   | 11         | 10     | 21    | 238        | 176    | 414   |
| 5-9       | 0          | 0      | 0     | 181   | 155    | 336   | 11         | 13     | 24    | 192        | 168    | 360   |
| 10-14     | 0          | 0      | 0     | 131   | 120    | 251   | 7          | 10     | 17    | 138        | 130    | 268   |
| 15-19     | 0          | 0      | 0     | 111   | 116    | 227   | 4          | 12     | 16    | 115        | 123    | 243   |
| 20-24     | 0          | 0      | 0     | 88    | 100    | 188   | 20         | 17     | 37    | 108        | 117    | 225   |
| 25-29     | 0          | 0      | 0     | 80    | 75     | 155   | 18         | 18     | 36    | 98         | 93     | 191   |
| 30-34     | 0          | 0      | 0     | 79    | 55     | 134   | 20         | 22     | 42    | 99         | 77     | 176   |
| 35-39     | 0          | 0      | 0     | 56    | 44     | 100   | 16         | 9      | 25    | 72         | 53     | 125   |
| 40-44     | 0          | 0      | 0     | 31    | 30     | 61    | 16         | 5      | 21    | 47         | 35     | 82    |
| 45-49     | 0          | 0      | 0     | 30    | 32     | 62    | 10         | 0      | 10    | 40         | 32     | 72    |
| 50-54     | 0          | 0      | 0     | 26    | 32     | 58    | 7          | 1      | 8     | 33         | 33     | 66    |
| 55-59     | 0          | 0      | 0     | 22    | 23     | 45    | 3          | 1      | 9     | 30         | 24     | 54    |
| 60-64     | 0          | 0      | 0     | 11    | 4      | 15    | 4          | 0      | 4     | 15         | 4      | 19    |
| 65+       | 0          | 0      | 0     | 22    | 21     | 43    | 0          | 0      | 0     | 22         | 21     | 43    |

Total Population: 2,338

## Population By Percentages:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0.2        | 0.1    | 0.3   | 9.5   | 7.0    | 16.6  | 0.5        | 0.4    | 0.9   | 10.2       | 7.5    | 17.7  |
| 5-9       | 0.0        | 0.0    | 0.0   | 7.7   | 6.6    | 14.4  | 0.5        | 0.6    | 1.0   | 8.2        | 7.2    | 15.4  |
| 10-14     | 0.0        | 0.0    | 0.0   | 5.6   | 5.1    | 10.7  | 0.3        | 0.4    | 0.7   | 5.9        | 5.6    | 11.5  |
| 15-19     | 0.0        | 0.0    | 0.0   | 4.7   | 5.0    | 9.7   | 0.2        | 0.5    | 0.7   | 4.9        | 5.5    | 10.4  |
| 20-24     | 0.0        | 0.0    | 0.0   | 3.8   | 4.3    | 8.0   | 0.9        | 0.7    | 1.6   | 4.6        | 5.0    | 9.6   |
| 25-29     | 0.0        | 0.0    | 0.0   | 3.4   | 3.2    | 6.6   | 0.8        | 0.8    | 1.5   | 4.2        | 4.0    | 8.2   |
| 30-34     | 0.0        | 0.0    | 0.0   | 3.4   | 2.4    | 5.7   | 0.9        | 0.9    | 1.8   | 4.2        | 3.3    | 7.5   |
| 35-39     | 0.0        | 0.0    | 0.0   | 2.4   | 1.9    | 4.3   | 0.7        | 0.4    | 1.1   | 3.1        | 2.3    | 5.3   |
| 40-44     | 0.0        | 0.0    | 0.0   | 1.3   | 1.3    | 2.6   | 0.7        | 0.2    | 0.9   | 2.0        | 1.5    | 3.5   |
| 45-49     | 0.0        | 0.0    | 0.0   | 1.3   | 1.4    | 2.7   | 0.4        | 0.0    | 0.4   | 1.7        | 1.4    | 3.1   |
| 50-54     | 0.0        | 0.0    | 0.0   | 1.1   | 1.4    | 2.5   | 0.3        | 0.0    | 0.3   | 1.4        | 1.4    | 2.8   |
| 55-59     | 0.0        | 0.0    | 0.0   | 0.9   | 1.0    | 1.9   | 0.3        | 0.0    | 0.4   | 1.3        | 1.0    | 2.3   |
| 60-64     | 0.0        | 0.0    | 0.0   | 0.5   | 0.2    | 0.6   | 0.2        | 0.0    | 0.2   | 0.6        | 0.2    | 0.8   |
| 65+       | 0.0        | 0.0    | 0.0   | 0.9   | 0.9    | 1.8   | 0.0        | 0.0    | 0.0   | 0.9        | 0.9    | 1.8   |

SOURCE: Bureau of Statistics, GNMT, 1986

TABLE 4

**ENROLMENT BY SEX AND GRADE  
For School Years  
1981 - 1985**

LANCASTER SOUND REGION

| Y E A R S |   | PRIMARY<br>K - 3 | INTERMEDIATE<br>4 - 6 | MIDDLE<br>7 - 9 | SENIOR<br>10 - 12 | T O T A L |
|-----------|---|------------------|-----------------------|-----------------|-------------------|-----------|
| 1981-82   | M | 159              | 103                   | 51              | 0                 | 313       |
|           | F | 141              | 94                    | 64              | 0                 | 299       |
|           | T | 300              | 197                   | 115             | 0                 | 612       |
| 1982-83   | M | 150              | 102                   | 60              | 0                 | 312       |
|           | F | 147              | 80                    | 62              | 0                 | 289       |
|           | T | 297              | 182                   | 122             | 0                 | 601       |
| 1983-84   | M | 162              | 123                   | 73              | 0                 | 358       |
|           | F | 154              | 109                   | 70              | 0                 | 333       |
|           | T | 316              | 232                   | 143             | 0                 | 691       |
| 1984-85   | M | 163              | 112                   | 66              | 0                 | 341       |
|           | F | 165              | 101                   | 56              | 0                 | 322       |
|           | T | 328              | 213                   | 122             | 0                 | 663       |
| 1985-86   | M | 192              | 117                   | 44              | 19                | 372       |
|           | F | 176              | 109                   | 47              | 24                | 356       |
|           | T | 368              | 226                   | 91              | 43                | 728       |

TABLE 5  
**SCHOOL ATTENDANCE SUMMARY**  
**For School Years**  
**1981-1985**

LANCASTER SOUND REGION

| Y E A R S | Number of Students Enrolled | Percentage of non-attendance due to Land Days | Average percentage of attendance |
|-----------|-----------------------------|---|----------------------------------|
| 1981 - 82 | 612                         | 0.5-10  | 60-79                            |
| 1982 - 83 | 601                         | 0.5-9   | 67-84                            |
| 1983 - 84 | 691                         | 0.5-9   | 63-88                            |
| 1984 - 85 | 663                         | 0.5-4   | 73-87                            |

SOURCE: GNWT, Department of Education, 1986

TABLE 5  
 PERCENTAGE OF ENROLMENT BY ETHNICITY  
 ANY BY COMMUNITY  
 FOR SCHOOL YEARS 1981 - 86

| COMMUNITY    | DENE      | METIS | INUIT | OTHER |
|--------------|-----------|-------|-------|-------|
| ARCTIC BAY   | 1981 - 82 |       | 95.4  | 4.6   |
|              | 1982 - 83 |       | 95.5  | 4.5   |
|              | 1983 - 84 | 0     | 93.7  | 6.3   |
|              | 1984 - 85 |       | 97.2  | 2.8   |
| 1985 - 86    |           | 98.0  | 2.0   |       |
| RESOLUTE BAY | 1981 - 82 | 0     | 81.0  | 19.0  |
|              | 1982 - 83 | 8.5   | 74.5  | 17.0  |
|              | 1983 - 84 | 0     | 86.5  | 13.5  |
|              | 1984 - 85 | 0     | 97.0  | 3.0   |
| 1985 - 86    | 0         | 87.5  | 12.5  |       |
| POND INLET   | 1981 - 82 | 0     | 95.0  | 5.0   |
|              | 1982 - 83 | 0     | 95.2  | 4.8   |
|              | 1983 - 84 | 0.5   | 94.0  | 5.1   |
|              | 1984 - 85 | 0     | 98.0  | 2.0   |
| 1985 - 86    | 0.3       | 0     | 96.4  | 3.3   |
| GRISE FIORD  | 1981 - 82 | 0     | 100.0 | 0     |
|              | 1982 - 83 | 0     | 100.0 | 0     |
|              | 1983 - 84 | 0     | 100.0 | 0     |
|              | 1984 - 85 | 0     | 96.0  | 4.0   |
| 1985 - 86    | 0         | 0     | 100.0 | 0     |
| NANISIVIK    | 1981 - 82 | 1.5   | 57.5  | 41.0  |
|              | 1982 - 83 | 0     | 62.0  | 38.0  |
|              | 1983 - 84 | 0     | 51.0  | 47.7  |
|              | 1984 - 85 | 1.0   | 51.6  | 47.4  |
| 1985 - 86    | 1.4       | 0     | 58.6  | 40.0  |
| CLYDE RIVER  | 1981 - 82 | 0     | 98.0  | 2.0   |
|              | 1982 - 83 | 0     | 91.5  | 8.5   |
|              | 1983 - 84 | 0     | 96.6  | 3.4   |
|              | 1984 - 85 | 0.6   | 97.5  | 1.9   |
| 1985 - 86    | 0.6       | 0     | 98.2  | 1.2   |

SOURCE: Department of Education, GNWT, 1986

TABLE 7

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYOE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 2          | 30    |

SOURCE: Department of Education, GNWT, 1986

TABLE 8

EDUCATION LEVELS, 15+ POPULATION, 1981

## HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION<br>15 yrs+<br>Native | Other | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|---------------------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
| Arctic Bay   | 210                             | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220                             | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Fiord  | 60                              | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155                             | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370                             | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215                             | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230                            | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.



TABLE 9

revised: 87-02-11

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income@ | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$224,000           | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000           | \$3,369,000  |
| Grise Fiord    | \$384,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100            | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,811,000       | \$555,000        | \$79,000            | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,698,000      | \$467,600           | \$4,395,800  |
| Resolute Bay   | \$287,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000           | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,328,500       | \$6,535,100      | \$1,306,700         | \$21,185,000 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

@ Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNHT.

TABLE 10  
**COMMUNITY INCOME BY SOURCE 1982**

| Community    | PRIVATE SECTOR                     |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|--------------|------------------------------------|----------------|-----------------|----------------|--------------------|-------------------|-----------------------------------|-----------------|---------------------------|------------------------------|-------------------------------------|
|              | PRIMARY SECTOR                     |                |                 |                | SECONDARY SECTOR   |                   |                                   | TERTIARY SECTOR |                           |                              |                                     |
|              | Renewable Resource Harvests*       | Mining         | Oil & Gas       | Total          | Arts & Crafts      | Construction      | Total                             | Retail          | Tourism                   | Other                        | Total                               |
| Arctic Bay   | \$111,700.00                       | \$110,500.00   | \$275,500.00    | \$697,700.00   | \$30,000.00        | \$38,000.00       | \$68,000.00                       | \$192,000.00    | \$44,400.00               | \$34,000.00                  | \$270,400.00                        |
| Clyde River  | \$74,000.00                        | \$84,000.00    | NA              | \$158,000.00   | \$300,000.00       | \$183,000.00      | \$483,000.00                      | \$175,000.00    | NA                        | NA                           | \$173,000.00                        |
| Grise Fiord  | \$45,000.00                        | NA             | NA              | \$45,000.00    | \$20,000.00        | \$12,000.00       | \$32,000.00                       | \$20,000.00     | \$41,000.00               | \$4,200.00                   | \$105,200.00                        |
| Nanisivik    | NA                                 | \$3,576,000.00 | NA              | \$3,576,000.00 | NA                 | NA                | NA                                | \$25,000.00     | NA                        | \$170,000.00                 | \$235,000.00                        |
| Pond Inlet   | \$118,500.00                       | \$3,530.00     | \$490,000.00    | \$612,030.00   | \$70,000.00        | \$100,000.00      | \$170,000.00                      | \$343,000.00    | \$116,500.00              | \$129,700.00                 | \$598,200.00                        |
| Resolute Bay | \$55,100.00                        | NA             | NA              | \$55,100.00    | \$8,000.00         | \$20,000.00       | \$28,000.00                       | \$47,000.00     | \$27,200.00               | \$2,415,000.00               | \$2,510,200.00                      |
| TOTAL        | \$396,200.00                       | \$3,682,000.00 | \$765,500.00    | \$1,044,000.00 | \$436,000.00       | \$193,000.00      | \$789,000.00                      | \$330,000.00    | \$149,100.00              | \$2,782,900.00               | \$3,892,000.00                      |
| Community    | PUBLIC SECTOR                      |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|              | Gov't of the Northwest Territories | Federal Gov't  | Municipal Gov't | Total          | All Sectors Income | Unearned Income ‡ | Imputed Value of FISH Harvested + | Total Income    | Average Income per Capita | Average Income per Household | Average Earned Income per Household |
|              | Arctic Bay                         | \$530,000.00   | \$111,000.00    | \$326,000.00   | \$967,000.00       | \$1,930,100.00    | \$224,000.00                      | \$875,000.00    | \$3,129,100.00            | \$6,077.60                   | \$43,272.66                         |
| Clyde River  | \$544,000.00                       | \$319,000.00   | \$356,000.00    | \$1,219,000.00 | \$2,929,000.00     | \$375,000.00      | \$966,000.00                      | \$2,329,000.00  | \$7,570.79                | \$42,112.50                  | \$25,350.00                         |
| Grise Fiord  | \$244,100.00                       | \$152,000.00   | \$47,000.00     | \$443,100.00   | \$225,500.00       | \$57,100.00       | \$384,000.00                      | \$1,268,600.00  | \$10,159.10               | \$23,330.00                  | \$31,275.00                         |
| Nanisivik    | \$235,000.00                       | \$260,000.00   | NA              | \$495,000.00   | \$4,286,000.00     | \$79,000.00       | \$254,000.00                      | \$4,299,000.00  | \$18,073.03               | \$37,128.57                  | \$62,371.43                         |
| Pond Inlet   | \$906,000.00                       | \$168,000.00   | \$429,000.00    | \$1,503,000.00 | \$3,073,200.00     | \$467,600.00      | \$253,000.00                      | \$4,295,200.00  | \$6,225.18                | \$35,186.40                  | \$24,601.60                         |
| Resolute Bay | \$360,000.00                       | \$1,169,000.00 | \$15,000.00     | \$1,544,000.00 | \$4,203,300.00     | \$104,000.00      | \$287,000.00                      | \$4,210,300.00  | \$27,213.53               | \$41,306.25                  | \$37,315.16                         |
| TOTAL        | \$2,979,100.00                     | \$2,495,000.00 | \$1,161,000.00  | \$6,635,100.00 | \$16,260,100.00    | \$1,306,700.00    | \$3,619,000.00                    | \$21,185,300.00 | \$12,888.04               | \$47,052.76                  | \$34,831.01                         |

\* Income from renewable resources includes that from the sale of fish, fur, meat and ivory.  
 † Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.  
 ‡ Estimates based on BNA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GSWT.

TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>ployment | Unem-<br>ployment | Unem-<br>ployment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|-----------------|-------------------|---------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)           | (no.)             | (%)                       | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93              | 26                | 22                        | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115             | 18                | 14                        | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53              | 3                 | 5                         | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59              | -                 | -                         | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183             | 60                | 25                        | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40              | 15                | 27                        | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985

TABLE 12  
INDUSTRY DIVISION AND CLASS OF WORKERS  
1981 CENSUS

| COMMUNITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|-------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Arctic Bay  | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Clyde River | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Grise Flord | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Nanisivik   | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Pond Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Resolute    | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL       | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. If there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining Industry.

\*\* Employment with the renewable resources sector.

TABLE 13

## CERTIFIED JOURNEYMAN BY COMMUNITY

FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehouseman | Burner Mechanic | Industrial Electrician | Refrigeration; Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|-------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|
| NAANISIVIK*  |           |                        | 6                   |                 |                                | 1                       |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 | 30    |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                         |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 | 2     |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                         |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 | 13    |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 | 8     |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                         |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 | 9     |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 | 7     |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                       | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               | 69    |

\* About 30% of certified journeymen from Naanisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
The data is based on home addresses given at the time of certification.  
Thus the particular journeyman may or may not be currently a resident  
of the community indicated.

TABLE 14  
LANCASTER SOUND REGION  
Trapping Income  
from 1973-85

| Year      | No. Trappers | No. Trappers Earning Over \$400 | No. Trappers Earning Over \$600 | \$ of Trappers Earning |                    |          | Total Income from Trapping |                      | Average Trapper Income |              |
|-----------|--------------|---------------------------------|---------------------------------|------------------------|--------------------|----------|----------------------------|----------------------|------------------------|--------------|
|           |              |                                 |                                 | \$400 to \$1,000       | \$1,000 to \$5,000 | \$5,000+ | Real Dollars \$(000)       | Real Dollars \$(000) | Real Dollars           | 1985 Dollars |
| 1973-1974 | 276          | 134                             | -                               | 56                     | 67                 | 9        | \$203                      | \$489                | \$736                  | \$1,773      |
| 1974-1975 | 294          | 144                             | -                               | 66                     | 74                 | 4        | \$185                      | \$402                | \$629                  | \$1,367      |
| 1975-1976 | 295          | 149                             | -                               | 75                     | 71                 | 3        | \$202                      | \$408                | \$683                  | \$1,381      |
| 1976-1977 | 328          | 191                             | -                               | 99                     | 87                 | 5        | \$261                      | \$489                | \$795                  | \$1,489      |
| 1977-1978 | 268          | -                               | 57                              | 20                     | 30                 | 5        | \$153                      | \$263                | \$570                  | \$982        |
| 1978-1979 | 298          | -                               | 136                             | 32                     | 100                | 6        | \$300                      | \$473                | \$1,006                | \$1,586      |
| 1979-1980 | 304          | -                               | 113                             | 34                     | 75                 | 4        | \$219                      | \$314                | \$720                  | \$1,031      |
| 1980-1981 | 303          | -                               | 121                             | 46                     | 75                 | -        | \$206                      | \$262                | \$680                  | \$865        |
| 1981-1982 | 273          | -                               | 73                              | 22                     | 49                 | 2        | \$147                      | \$169                | \$638                  | \$618        |
| 1982-1983 | 153          | -                               | 35                              | 16                     | 19                 | -        | \$61                       | \$66                 | \$398                  | \$432        |
| 1983-1984 | 159          | -                               | 30                              | 14                     | 15                 | 1        | \$57                       | \$59                 | \$355                  | \$369        |
| 1984-1985 | 180          | -                               | 35                              | 14                     | 21                 | -        | \$69                       | \$69                 | \$368                  | \$368        |

Source: GNWT, Department of Renewable Resources, 1986

TABLE 15  
WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: Lancaster Sound

| SPECIES              | TOTAL NO. HARVESTED | TOTAL EDIBLE MASS | TOTAL HARVESTED PER CAPITA | PER CAPITA EDIBLE MASS | ESTIMATED MASS USED TO CALCULATE EDIBLE BIOMASS |
|----------------------|---------------------|-------------------|----------------------------|------------------------|---|
| Ringed Seal          | 10012               | 200240            | 4.92                       | 98.40                  | 20  |
| Polar Bear           | 119                 | 18921             | 0.06                       | 9.30                   | 159   |
| Other Marine Mammals | 560                 | 48557             | 0.28                       | 23.86                  | 86.708  |
| Muskox               | 10                  | 1100              | 0.01                       | 0.54                   | 110   |
| Arctic Hare          | 1121                | 2242              | 0.55                       | 1.10                   | 2   |
| Caribou              | 3849                | 184752            | 1.89                       | 90.79                  | 48  |
| Rock Ptarmigan       | 1550                | 976               | 0.76                       | 0.48                   | 0.6296  |
| Waterfowl            | 2946                | 4595              | 1.45                       | 2.26                   | 1.5597  |
| Seabirds             | 129                 | 80                | 0.06                       | 0.04                   | 0.6201  |
| Char (anadromous)*   | 36486               | 61592             | 17.93                      | 30.27                  | 1.6880  |
| Other                | 2547                | 681               | 1.25                       | 0.33                   | 0.2673  |
| Ocean Fish           |                     |                   |                            |                        |   |
| Landlocked Char      | 118                 | 118               | 0.06                       | 0.06                   | 1   |
| Lake Trout           | X                   | X                 | X                          | X                      | X   |
| Other                |                     |                   |                            |                        |   |
| Freshwater Fish      | X                   | X                 | X                          | X                      | X   |
| Whale **             | 239                 | 114824            | 0.12                       | 56.42                  | 480.43  |
| TOTALS               |                     | 638678            |                            | 313.85                 |   |

NOTES:

All masses measured in kilograms.

An "X" indicates that data for these species was not collected for this year. (ave) indicates that several species were included in this category.

\* Anadromous implies that fish were caught while ascending rivers to spawn.

\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 209 Narwal and 30 Beluga.

SOURCE: Wong, MP, Chemical Residues in Fish and Wildlife Species Harvested In Northern Canada, 1985.

TABLE 16

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&M EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&M |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&M     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,069          |
| Clyde River            | 632,226                         | 848,326                  | 304,502          | 1,765,054        | 135,994                           | 6,288          |                          | 142,282          | 1,927,336          |
| Grise Fiord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,468          |
| Hanulvik               | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,327          |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,975          |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 897,201          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,127          |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,302</b>  |

SOURCE: Department of Finance, GNWT, 1986



TABLE 17

## SOCIAL ASSISTANCE EXPENDITURES BY COMMUNITIES &amp; REGIONS, 1980 - 1985

| COMMUNITY    |         | SA BY COMMUNITY<br>1980-85<br>(CALCULATED IN<br>1980 DOLLARS) | \$ SA<br>EXPENDITURES<br>(ACTUAL \$'s) | RECIP-<br>IENTS | AVERAGE \$/<br>RECIPIENT | TOTAL<br>CASES | AVERAGE<br>NO.<br>CASE/MONTH | AVERAGE<br>SA \$/CASE<br>(ACTUAL \$'s) |
|--------------|---------|---|--|-----------------|--------------------------|----------------|------------------------------|--|
| Arctic Bay   | 1980-81 | 44,081  | 44,081                                 | 43              | 1,025                    | 138            | 12                           | 319                                    |
|              | 1981-82 | 49,415  | 55,460                                 | 40              | 1,387                    | 158            | 13                           | 351                                    |
|              | 1982-83 | 40,574  | 50,030                                 | 34              | 1,471                    | 143            | 12                           | 350                                    |
|              | 1983-84 | 57,197  | 74,186                                 | 48              | 1,546                    | 192            | 16                           | 386                                    |
|              | 1984-85 | 49,135  | 66,309                                 | 38              | 1,761                    | 170            | 14                           | 390                                    |
| Clyde River  | 1980-81 | 103,606   | 103,606                                | 64              | 1,619                    | 266            | 22                           | 390                                    |
|              | 1981-82 | 120,142   | 134,839                                | 61              | 2,210                    | 335            | 28                           | 403                                    |
|              | 1982-83 | 128,788   | 158,801                                | 80              | 1,985                    | 412            | 32                           | 385                                    |
|              | 1983-84 | 142,264   | 184,519                                | 93              | 1,984                    | 435            | 36                           | 424                                    |
|              | 1984-85 | 134,706   | 181,790                                | 87              | 2,091                    | 437            | 36                           | 416                                    |
| Grise Fiord  | 1980-81 | 7,233   | 7,233                                  | 9               | 804                      | 30             | 3                            | 241                                    |
|              | 1981-82 | 12,662  | 14,211                                 | 19              | 748                      | 54             | 4                            | 263                                    |
|              | 1982-83 | 10,635  | 13,113                                 | 17              | 771                      | 57             | 5                            | 230                                    |
|              | 1983-84 | 24,766  | 32,122                                 | 29              | 1,108                    | 101            | 8                            | 318                                    |
|              | 1984-85 | 37,286  | 50,318                                 | 31              | 1,623                    | 148            | 12                           | 340                                    |
| Fond Inlet   | 1980-81 | 94,240  | 94,240                                 | 64              | 1,473                    | 246            | 21                           | 383                                    |
|              | 1981-82 | 84,638  | 94,992                                 | 60              | 1,583                    | 247            | 21                           | 385                                    |
|              | 1982-83 | 94,306  | 116,283                                | 75              | 1,550                    | 301            | 12                           | 386                                    |
|              | 1983-84 | 110,496   | 143,315                                | 93              | 1,541                    | 330            | 27                           | 434                                    |
|              | 1984-85 | 101,855   | 137,456                                | 79              | 1,727                    | 304            | 25                           | 452                                    |
| Resolute Bay | 1980-81 | 17,736  | 17,736                                 | 17              | 1,043                    | 60             | 5                            | 296                                    |
|              | 1981-82 | 13,073  | 14,672                                 | 13              | 1,129                    | 49             | 4                            | 299                                    |
|              | 1982-83 | 18,374  | 22,656                                 | 16              | 1,416                    | 59             | 5                            | 384                                    |
|              | 1983-84 | 24,223  | 31,418                                 | 24              | 1,309                    | 83             | 7                            | 379                                    |
|              | 1984-85 | 13,660  | 18,435                                 | 21              | 903                      | 54             | 5                            | 341                                    |

SOURCE: Report on the Social Assistance Program: 1980-1985, GNHT, Department of Services, Yellowknife, 1985

TABLE 18  
FOOD PRICE INDEXES, By Major Category and Selected Communities  
Northwest Territories, June 1985  
 (Yellowknife = 100)

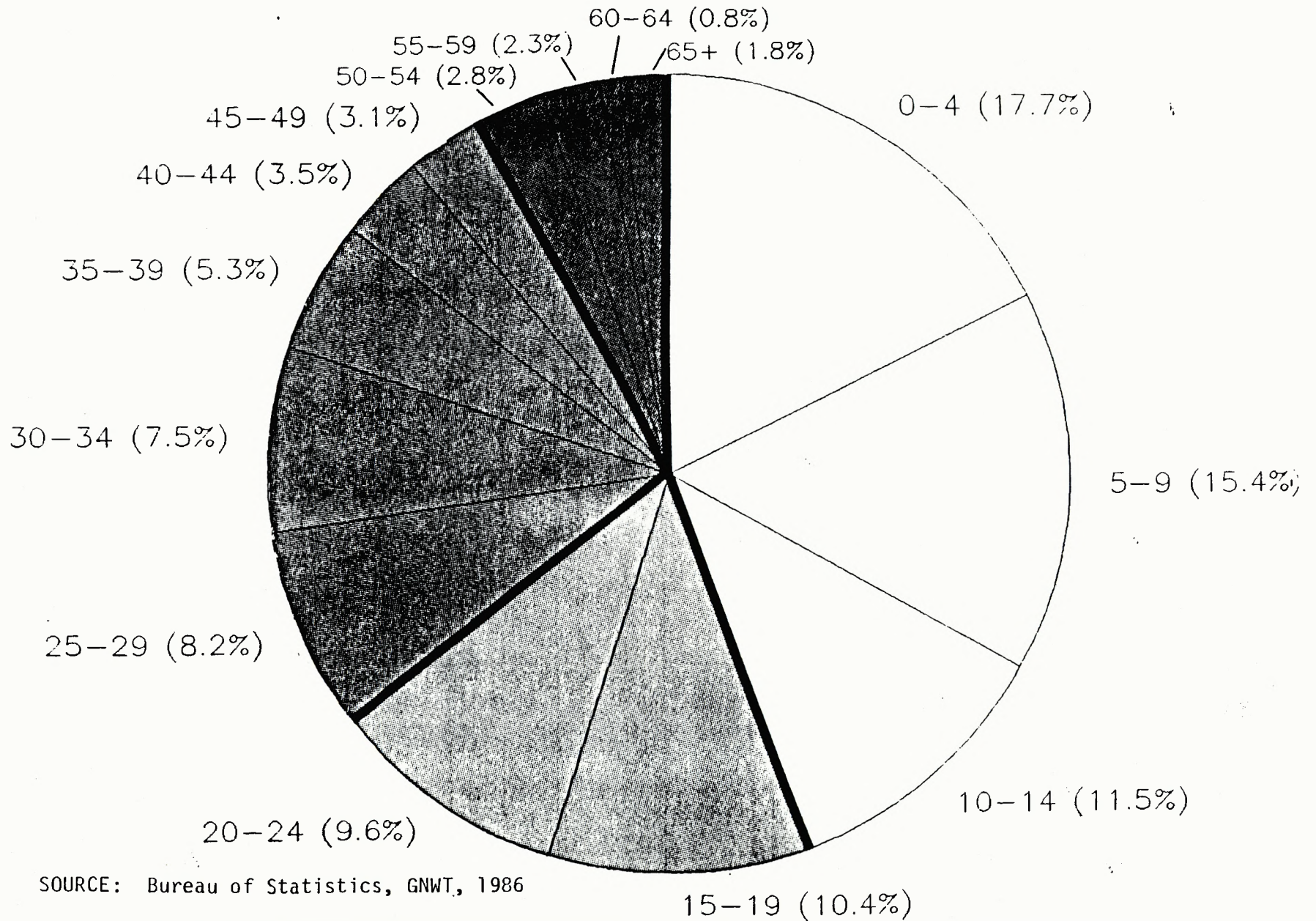
| Community   | All<br>Items | Meat | Fish | Dairy<br>& Eggs | Cereal<br>&<br>Bakery | Fruit | Vege-<br>tables | Sugar | Coffee<br>& Tea | Fats<br>& Oils | Non-<br>Alcoh.<br>Bev. | Other<br>Food<br>Items |
|-------------|--------------|------|------|-----------------|-----------------------|-------|-----------------|-------|-----------------|----------------|------------------------|------------------------|
| Arctic Bay  | 167          | 142  | 119  | 189             | 115                   | 212   | 214             | 157   | 101             | 168            | 150                    | 159                    |
| Clyde River | 166          | 160  | 127  | 167             | 137                   | 176   | 220             | 154   | 100             | 154            | 147                    | 154                    |
| Grise Fiord | 175          | 130  | 131  | 285             | 145                   | 143   | 190             | 175   | 118             | 192            | 174                    | 143                    |
| Nanisivik   | 163          | 151  | 109  | 201             | 128                   | 156   | 191             | 154   | 109             | 141            | 159                    | 163                    |
| Pond Inlet  | 162          | 142  | 119  | 195             | 113                   | 186   | 193             | 148   | 89              | 150            | 140                    | 181                    |
| Resolute    | 163          | 149  | 116  | 196             | 158                   | 143   | 163             | 150   | 136             | 148            | 219                    | 159                    |

SOURCE: GNWT, Bureau of Statistics, 1985.

Figure 1

# LANCASTER SOUND REGION 1985

Population By Age



SOURCE: Bureau of Statistics, GNWT, 1986

FIGURE 2  
**LANCASTER SOUND REGION 1985**  
Population By Age, Sex and Ethnicity

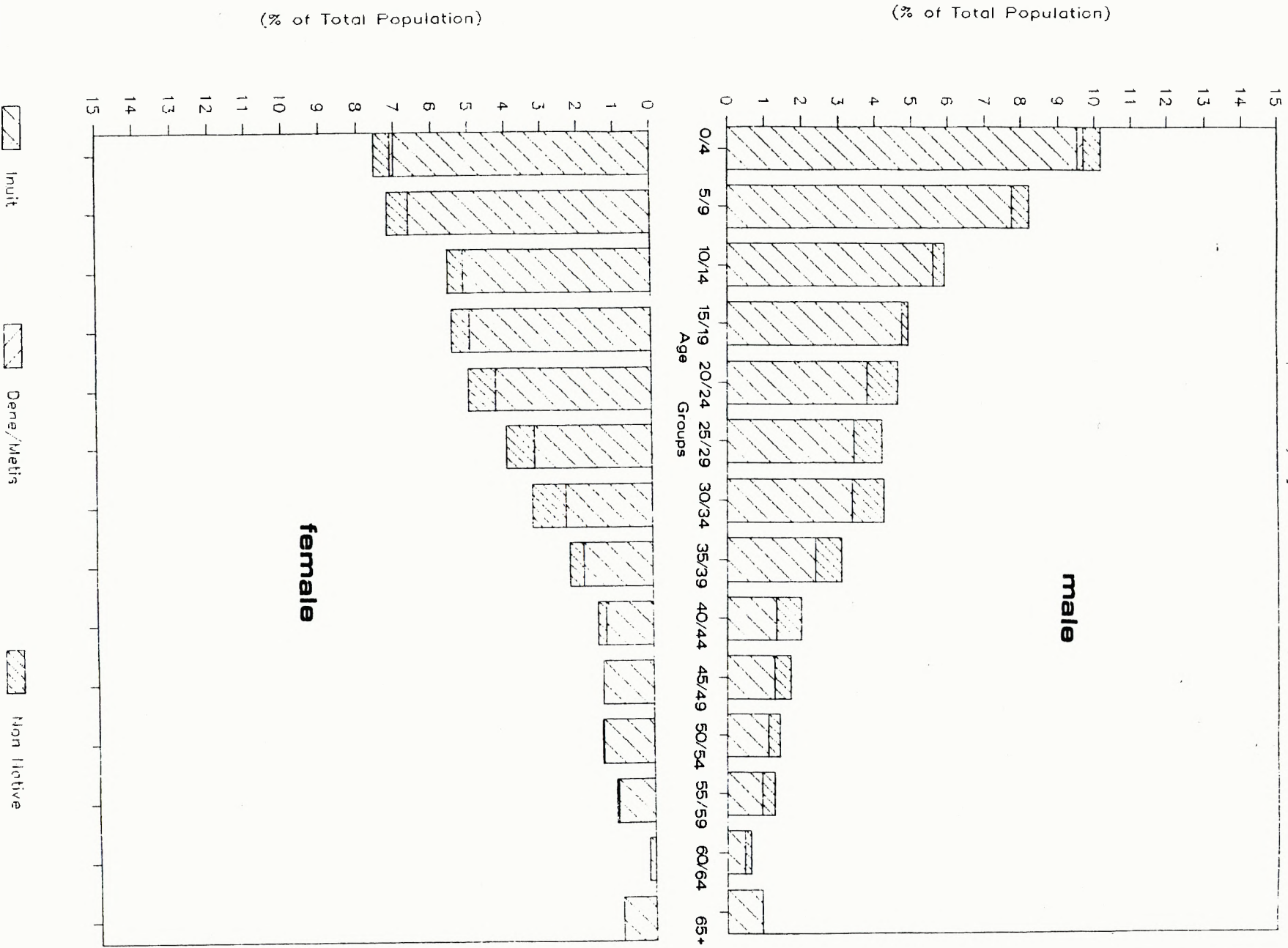


FIGURE 3  
**LANCASTER SOUND REGION**

ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

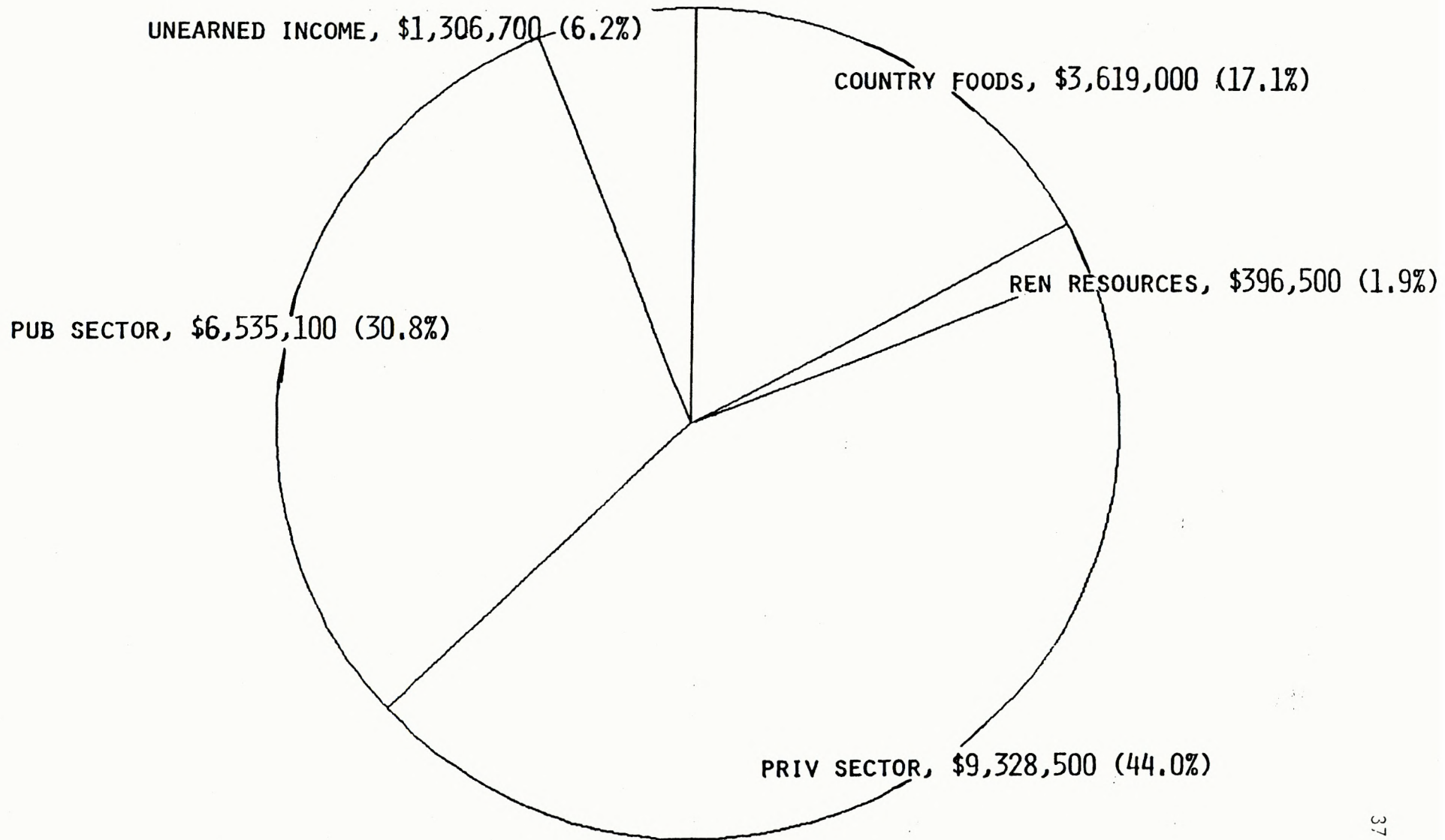
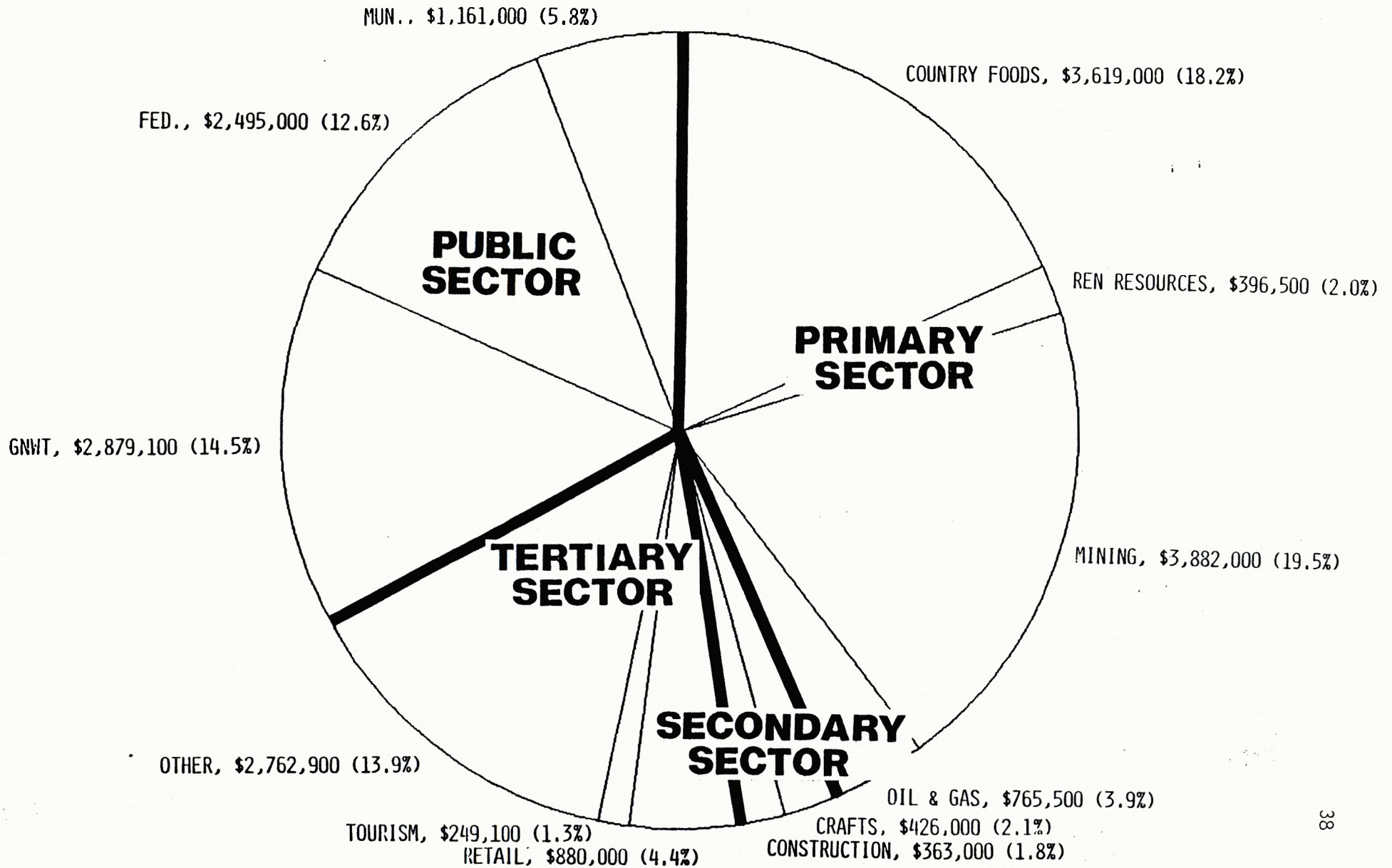


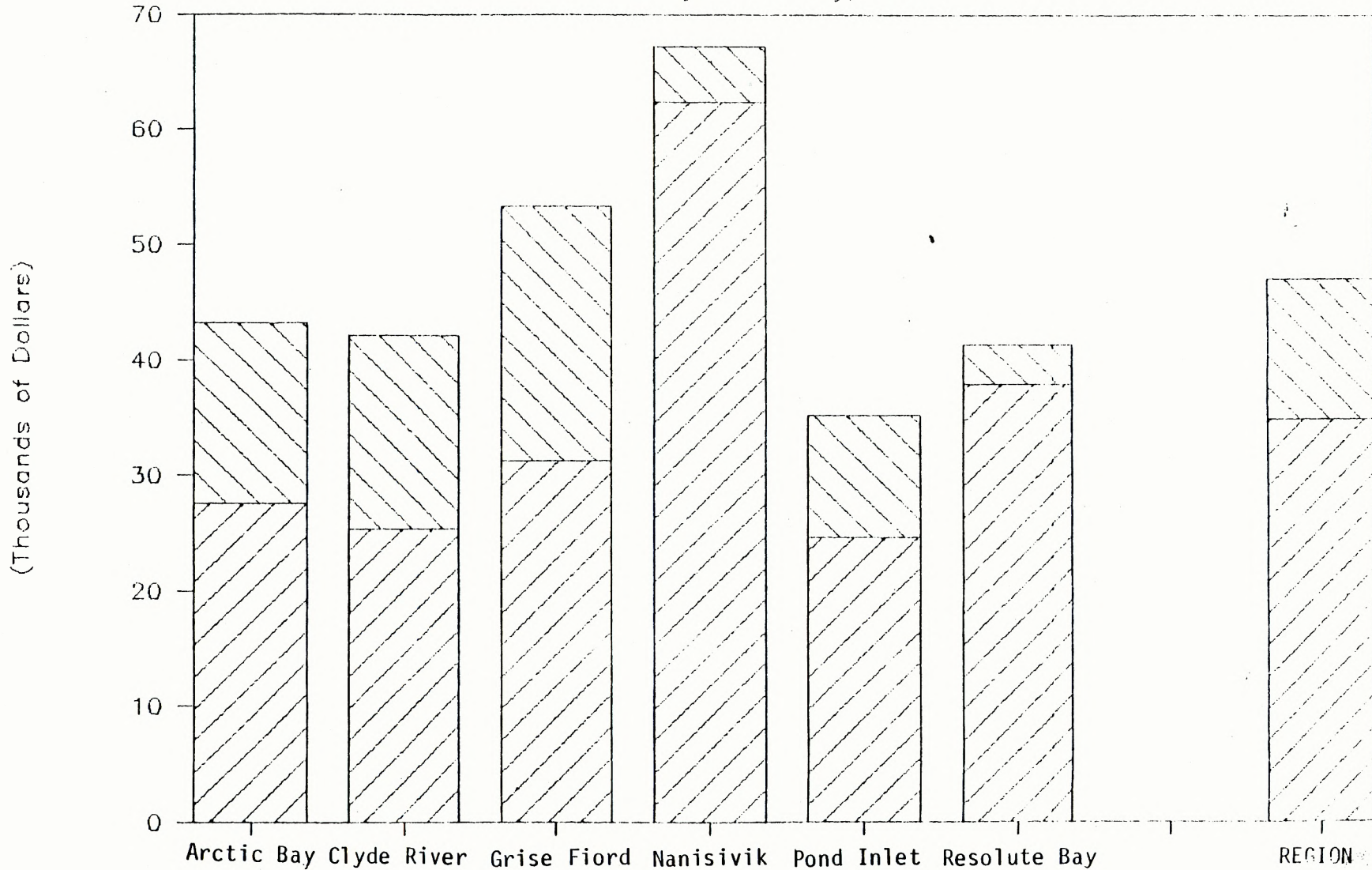
FIGURE 4  
**LANCASTER SOUND REGION**  
 INCOME BY SOURCE AND IMPUTED VALUE OF COUNTRY FOODS, 1982



Source: GNWT Department of Economic Development and Tourism,  
 A Baffin Region Economic Baseline Study, 1984.

FIGURE 5  
**LANCASTER SOUND REGION**

Incomes By Community, 1982



NOTE:  Average Earned Income Per Household

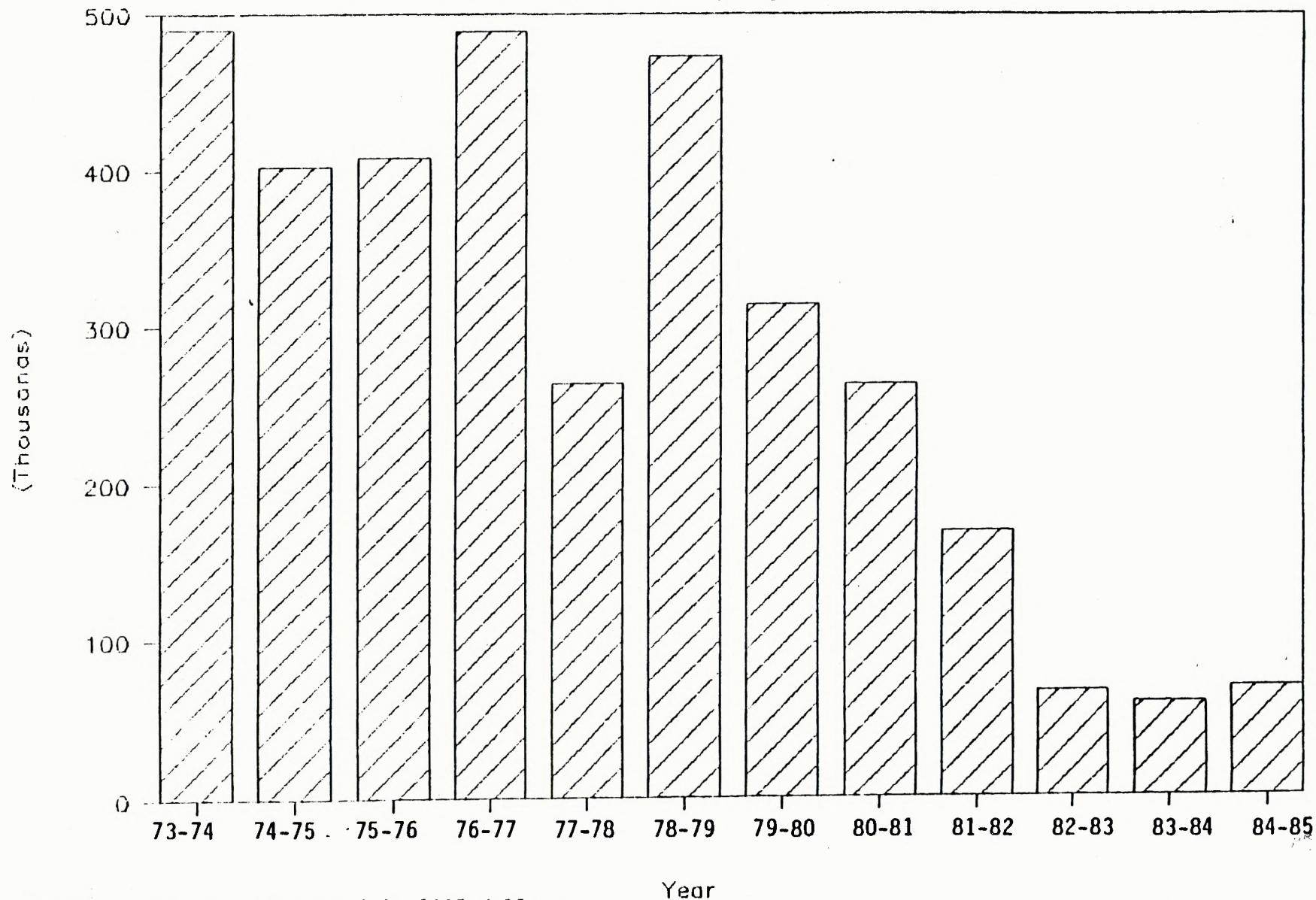
 Average Other Income Per Household

SOURCE: GNWT Department of Economic Development and Tourism, A Baffin Region Economic Baseline Study, 1984

FIGURE 6  
**LANCASTER SOUND REGION**

Original: 19 September 1986

Total Income From Trapping, 1973-1985



NOTE: Figures expressed in 1985 dollars

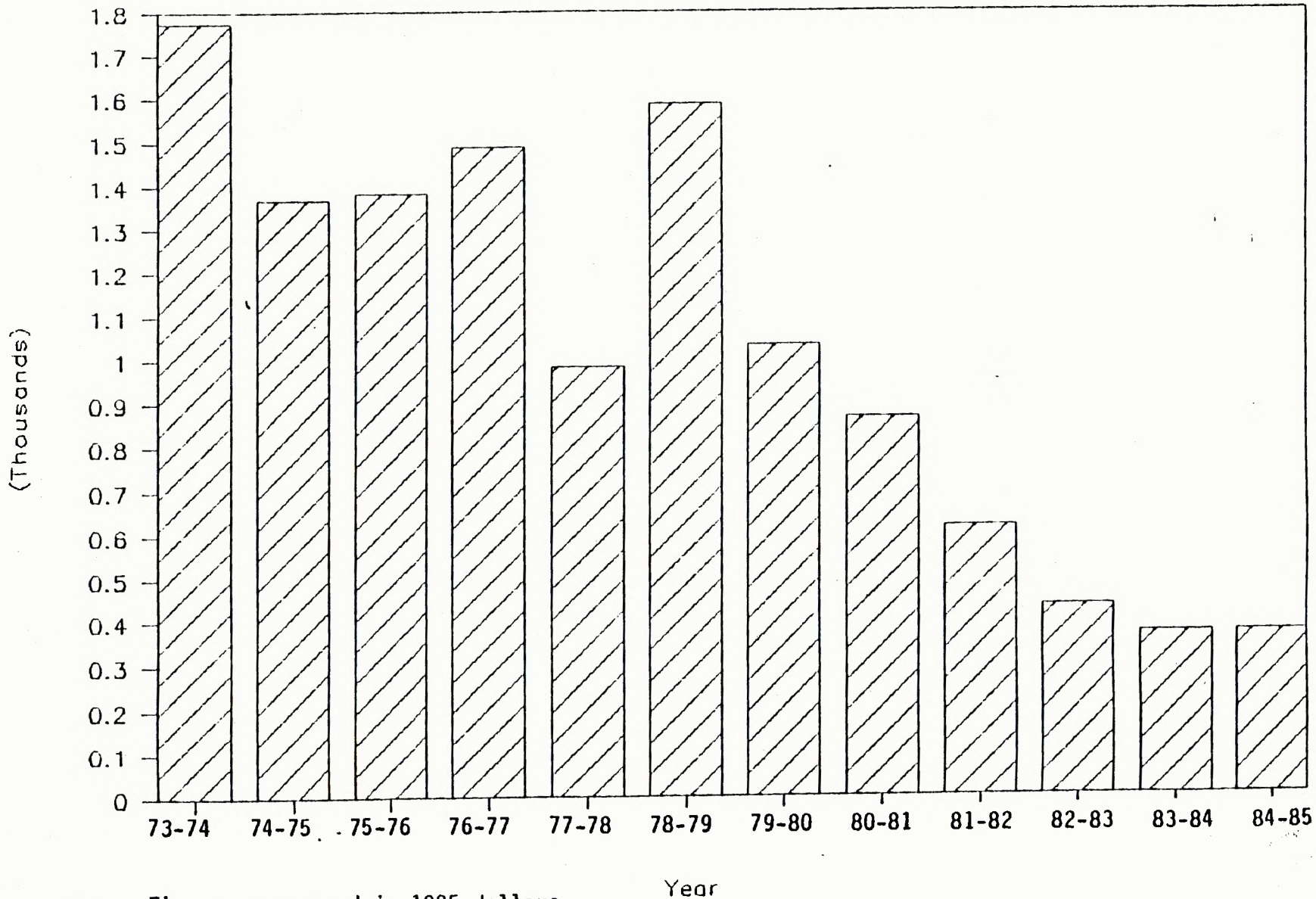
SOURCE: Department of Renewable Resources, GNWT, 1986



FIGURE  
**LANCASTER SOUND REGION**

Original: 19 September 1986

Average Income From Trapping, 1973-1985



NOTE: Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNWT, 1986

LANCASTER SOUND  
COMMUNITY PROFILE

ARCTIC BAY

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# IKPIARJUK ARCTIC BAY

## 1. INTRODUCTION

This community profile is organized into three sections:

1. a short section describing history, human resources, economy and future prospects;
2. a section containing figures which illustrate historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which provide the data used to prepare the graphics and text.

In describing the social and economic makeup of the community, this profile will help the people of the community focus on where they have come from, where they are now, and where they are going. This profile is meant to help the community identify opportunities and constraints to development. The community can develop a vision of where it wants to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

## 2. HISTORY

The Arctic Bay area has been occupied by nomadic hunters in successive waves of migration from the West for about 5000 years.

The community's Inuktitut name, Ikpiarjuk, means "a bag or pocket" which describes the bay's enclosed situation. Its English name derives from the visit of the whaling vessel "Arctic" commanded by Captain Willie Adams in 1872.

Modern permanent settlement of Arctic Bay began with the establishment of Hudson's Bay Company trading post in 1926. When the post was closed the following year, the Inuit living around Admiralty Inlet were encouraged to trade at Pond Inlet or were visited by traders. When the post was re-established in 1939, the Hudson's Bay Company relocated a group of Cape Dorset, Pangnirtung, Igloolik and Pond Inlet people at the new post. Many of them came from a post at Dundas Harbour on Devon Island which was closed the same year (Bissett, 1968).

Arctic Bay was the site of the first mercy flight into the Canadian Arctic Islands in August 1938, when the Rev. Paul Schulte flew his plane, the "Flying Cross" from Churchill for a sick missionary.

The operation of a Department of Transport weather station during 1942-1952 and a Federal school in 1962 provided incentives for year-round settlement living. The development of oil exploration and the nearby lead-zinc mine at Nanisivik in the early 1970's were important events in transforming Arctic Bay into the largely wage-employed community it is today.

### 3. HUMAN RESOURCES

#### 3.1 Demography

Arctic Bay's population rose from 49 in 1961 to 391 in 1976 and then declined to 375 in 1981 (Statistics Canada, 1982). Currently the population is at 471 people (Statistics Canada, 1987). From 1961 to 1976 the population grew by about 700 percent. On average this growth represents about 46 percent of the annual growth rate. This is due to considerable in-migration from outpost camps and from other communities. The population grew considerably during 1975 to 1978 when Nanisivik mine was being constructed and was going into production. Numbers of people who had relatives there and were interested in wage employment moved to Arctic Bay. The subsequent decline in population, which is reflected in the 1981 Census, resulted due to many people returning to their home communities upon completion of the Nanisivik construction phase, and a number of people found the employment unattractive in the long run, or could not get housing (BRIA, 1979). Some residents of Arctic Bay moved to Nanisivik to take jobs at the mine during the production phase. The projected population of Arctic Bay for the year 2000 is about 680 people, which amounts to about 3 percent of annual rate of growth. It is also important to note that the impending closure of Nanisivik mine, now projected for 1992, may cause an increase in the population of Arctic Bay.

Detailed population data for the community are somewhat dated, being based on the 1981 Census. The data reveals that the community is youthful with 66 percent of the population under the age of 24 (45% under the age of 14). During the same period 29 percent of the population was between 25-54 years old (16% between 25-34) and only about 3 percent of the population was over 65 years old. The projection to year 2000 indicates that the community will remain relatively youthful.

In 1981, the community had about 52 percent males and 48 percent females. This difference in sexes is estimated to be about the same to year 2000.

The majority of residents are Inuit (94% in 1981), and the remainder are English-speaking, government, education or service industry employees. It is estimated that by the year

2000 the majority of Inuit residents may increase to 96 percent.

The large proportion of the population under the age of 24 could produce problems for the community as they enter the labour force. Since there are few opportunities for expansion in the existing economy, if new fields of endeavour are not developed, the younger members of the community will be forced to leave in search of employment. In order to keep its young people from leaving, the community must seek to expand its economy.

### 3.2 Education

The community has a modern school which provides education from kindergarten to grade 9. In 1985-86 it had an enrollment of 157 students, the highest enrollemnt since the beginning of schooling years, as compared to 119 students in the 1981-82 school year. During the last 5 years between 49-59 percent of enrollment was in the primary grades (K-3), while the enrollment in middle grades (7-9) was between 2-20 percent for the same period.

Students who wish to go to high school (grades 10-12) have to go to Iqaluit. The number of students that were enrolled in high school is not known. However, the data shows that between 1976 and 1985 only 5 students have graduated from high school (grade 12). One of the reasons that so few graduate is that students must leave their home community to attend the regional high school in Iqaluit. Many of the students find it difficult to be away from their home community. Loneliness, alcohol, drugs, and pressure from parents to return home are some of the reasons that students do not complete their studies.

The average percentage of attendance is quite high, ranging from 75 percent for 1981-82 to 81 percent for 1984-85. During the past 4 years the average of attendance has steadily increased by 5 percent for 1981-83 and by one percent during 1983-85. The percentage of non-attendance due to land days was relatively low and fluctuated during the last 5 years, ranging from 3-6 percent. Apparently there is no relationship between an increase in land days and attendance. Therefore, non-attendance must be linked to other reasons than participation in renewable resource harvesting.

Statistics Canada's 1981 Census indicates that over 55 percent of the working age population (15-64 years) had less than grade 9 schooling (29 percent had no schooling at all), and about 15 percent had more than grade 9 schooling. There appears to be a very high drop out rate of students from grades 9 through 12.

Vocational and continuing education are also available in the community. There is an adult education centre which offers a variety of subjects. Course through the Arctic College are also available locally or in Iqaluit.

#### 4. ECONOMY

##### 4.1 Introduction

The economy of Arctic Bay can be broken down into three major categories that include the public, private and renewable resources sectors. The public sector includes income from the territorial, federal and municipal governments. The private sector is made up of local private businesses, income from oil and gas and mining, tourism and crafts. The third category includes income from sale of raw renewable resources such as fish, meat and furs, and as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

The proportion of income from different sectors based on 1982 data provided by G.N.W.T. (1984) was: 44 percent from the private sector, 50 percent from the public sector (excluding transfer of payments), and 6 percent from the renewable resources sector (excluding the imputed value of country food).

The economy has evolved from a subsistence hunting, fishing and gathering economy to one involved in trapping and trading of furs in the late 1800's, to a mixed wage/subsistence economy starting in the 1960's with the expansion of government programs. This has become an increasingly dependent wage economy with the advent of oil and gas exploration and the establishment of the Nanisivik mining project.

According to the 1981 Census, there were 225 people at the working age (15-64 years), but only 90 people were employed. The majority of these people were employed by the service and secondary sectors. The 1984 labour force survey of G.N.W.T.'s Bureau of Statistics indicated that the unemployment rate was 22 percent (93 employed) and that the participation rate was 53 percent. Most of the people were employed in the unskilled or semi-skilled jobs, although the community has the second largest number of certified journeymen in the region. Since 1970 to July 1986, 13 people have received Journeyman certification. This is probably due to Nanisivik mine offering Journeymen certificate courses and apprenticeship training for workers from the community. With the expected mine shutdown, this type of training will no longer be as accessible as it has been in the past.

The income per capita, excluding imputed value of country food, was about \$6,000 in 1982. If we include the estimated imputed value of country food, the income per capita increased to about \$8,000. Therefore, about 25 percent of the per capita income came from the value of country food.

#### 4.2 Renewable Resources

Arctic Bay and its surrounding area is rich in game and fish. Traditionally, the residents have relied on seal, caribou and fish for meat and have used narwhale, polar bear, ducks, geese and ptarmigan to supplement their diet. An accurate estimate of the total edible weight of the harvest is not available. According to BRIA's (1982) harvesting study, based on over 79,500 kgs of edible weight, it was estimated that the value of country food was about \$875,000. It was also estimated that the per capita weight of country food was over 212 kgs and that per capita value was over \$2,000. Based on the per capita meat production, the protein content of this harvest will exceed the required "adequate" diet, as defined by Health and Welfare Canada (Science Advisory Board, 1980). Therefore the residents in the community consume much more than the minimal "adequate" amount of protein. With the addition of other wildlife to the diet, one could surmise that the community is more than self sufficient in protein products from wildlife alone.

Income from fur production has dropped considerably since the 1973-74 season when 60 trappers had a total reported income of about \$152,500 (1985 dollars). During the last 15 years income from furs fluctuated drastically, so had the number of registered trappers. For example, the number of trappers has dropped from a peak of 73 trappers in 1976-77 to a low of 28 trappers in 1982-83, which is also the lowest reported income of \$5,500. Generally, very few trappers earned more than \$600. In the 1984-85 season, 32 trappers reported \$11,700 in income; 7 trappers earned over \$600; 3 trappers earned up to \$1,000 and only 7 trappers earned between \$1,000-\$5,000. It appears that protest by animal right groups had a drastic effect on prices, particularly on seal skins. Today seal skins are mostly used in producing various handicrafts and clothing. If this situation continues it is likely that fur harvesting will provide minimal income to hunters in the future, thereby forcing some hunters to seek other means to supplement their income.

In examining the fluctuations in the number of registered trappers, in particular the decline of the 1977-78 season, one can attribute this decline due to increase in wage employment opportunities arising from Panarctic's operation, and due to the decline in the community's population, while the increase in



the number of trappers could be perceived as a result of slow down in the wage economy resulting in more people returning to the land.

It was estimated that hunting and trapping accounted for 6 percent, or \$112,000, to the cash economy of the community in 1982. When the imputed value of country food is included, these activities account for about 32 percent, or \$987,000, of the total economy for the same period. Thus, the renewable resources sector did contribute substantially to the local economy, not as much in cash income but more in subsistence living for many residents.

Generally, subsistence production in Arctic Bay is characterized by a high participation rate by most of the residents throughout the year on a largely part-time basis and opportunistic basis. Income from wages is usually used to purchase the means of production for harvesting activities. For most residents, wildlife harvesting is more a cultural affair rather than a need to acquire the needed staple food for survival.

#### 4.3 Public Sector

The public sector includes income and employment with the Hamlet administration, Housing administration, Nursing Station, the school, different territorial government departments and federal government. In 1982 the total income from the public sector was about \$961,000, which is about 50 percent of the cash economy of Arctic Bay (excluding transfer of payments). The public sector, apart from being the major contributor to the local cash economy, also provides many essential services free of charge or at a very low cost, such as housing which is not included in the above income.

Apart from providing direct employment to many people, the public sector also provides considerable business opportunities through contracts for goods and services particularly in the construction of housing and other facilities and in maintenance. During the 1985-86 fiscal year, the G.N.W.T. spent about \$656,000 on salaries and wages; about \$622,000 in grants and contributions; about \$376,000 in operation and maintenance and over \$2.2 million on building and equipment. For the same period G.N.W.T.'s total contribution to the local economy was over \$3.8 million (O&M and capital expenditures).

Transfer of payments are also an important additional cash income for some residents. These transfers from the federal and territorial governments accounted for about 10 percent from the total community's cash income, or \$224,000 for 1982. In

1984-85, 38 people received social assistance at an average of \$1,761 per person. During the last 5 years (1980-85) between 34 to 48 people received social assistance. The number of people on social assistance during this period has not increased drastically, but the amount per recipient has been increased annually from \$1,025 for 1980-81 to \$1,761 for 1984-85. During the 1984-85 fiscal year, about 9 percent of the population was on social assistance. The actual time spent on social assistance averaged to about 4.5 months per recipient. This would indicate that social assistance is used to supplement income during periods of lower economic activity. The federal transfers of payment were given in the form of family allowance, old age security, unemployment insurance and guaranteed income supplement to pensioners only. It is not known how many people received these payments, but in 1982 about \$52,000 was distributed in Arctic Bay to those that were qualified to receive these payments.

#### 4.4 Private Sector

There is a diversity of small to medium businesses which provide employment and income for Arctic Bay's residents. Since 1972, when Panarctic Oil's program had begun and since the Nanisivik project commenced in 1974, many local businesses and people had acquired considerable industrial employment and business experiences. Arctic Bay experienced boom conditions not only because of such employment, but also because people moved to the community from other parts of Baffin Island to take construction jobs in the mine. When the mine was completed in 1976, people began to leave the community. Now in the operational phase, the Nanisivik mine employs some 20 to 30 people from Arctic Bay. Most of these people continue to live at Arctic Bay and commute to the mine daily.

Most local businesses are service oriented and primarily geared to the need of the local market such as local construction, retail merchandise and food sales, hotel and restaurant and taxi. A small but dynamic element in the business community is involved in providing services to the oil and gas industry and to the Nanisivik mining project.

The private sector contributed about \$857,000 in 1982 toward the community's total cash income. During the same period, the oil and gas industry, namely Panarctic Oil, contributed \$275,000, which is about 32 percent of the sector's income, or about 14 percent of Arctic Bay's total cash income. Similarly, the income from mining accounted for about 27 percent of the private sector's income, and about 11 percent of all the community's cash income. Together, these industries contributed over 25 percent to the community's cash income.

Thus, with the slow down in Panarctic's operation and with the impending closure of the Nanisivik mine, now projected for 1992, a very important cash income will be drastically reduced or eliminated.

Arts and crafts and tourism are also important contributors to the local cash economy. It was estimated that in 1982, arts and crafts contributed only about \$35,000 to the local economy, which is only about 2 percent of the community's total cash income. Tourism also contributed a slightly larger amount to the community's cash income. These two industries have the potential of becoming much more important as a cash income. Thus, with proper marketing the community can increase the importance of tourism and thus increase income from arts and crafts.

#### 4.4 Cost of Living

The cost of living in 1983 was about 60-69 percent higher than Montreal. This is mainly due to its remoteness and the high cost of transportation. All fresh produce and perishable items must be flown in from Montreal via Nanisivik or Resolute Bay. Arctic Bay has enjoyed frequent scheduled Nordair Boeing 737 jet service from Montreal, Toronto and Iqaluit. This has helped to keep air freight costs down. It is questionable that this service will continue once the mine closes. The implications of this will probably be higher air freight costs due to the limited pay-load capacities of smaller aircraft such as the Twin Otter.

The 1985 food price survey of the G.N.W.T., Bureau of Statistics, shows that food prices for all items were about 67 percent higher than Yellowknife. The highest costs were for fruit (112%), vegetables (114%), dairy and eggs (89%) and for fats and oils (68%). Therefore, if local residents have to spend their cash income on the above items, their actual earnings will be greatly diminished.

#### 5. FUTURE PROSPECTS

Currently, the local economy is of a mixed character; people work for wages and use a portion of the income from such work to purchase capital goods needed for a land-based lifestyle. Even though a shift towards increased industrial employment is unlikely due to the economic downturn of oil and gas activities, expectations are rising, and more people are becoming interested in working for wages. However, the way of life involving renewable resource harvesting as a cash income and as a source of food will continue to be a strong factor in the community in the future. Harvest of wildlife for food by-

and-large does not show up in terms of cash income and is often difficult to measure directly. A basic concern that needs to be addressed is the level of harvest of different wildlife species that can be sustained without depleting the resource. A depletion of the resource could have a negative effect in the loss of country food as a food source, as well as the scarcity of animals could frustrate tourists who wish to view animals in their natural habitat close to the community.

Another development that will have negative consequences is the impending closure of the Nanisivik mine, now projected for 1992. The mine has hired a number of people from the community since 1974 and many have come to rely on this particular source of income. Nevertheless, opportunities may be forthcoming and thus, in order to prepare people for future industrial employment and business opportunities, there will exist a need to expand the role of small businesses and to train young people for employment in higher skilled occupations.

Tourism could generate more jobs and cash income for the residents of Arctic Bay. The community has a number of drawing cards to attract tourists seeking a traditional Arctic experience. The area offers beautiful scenery and is rich in wildlife. In addition, the people of the community lead a relatively traditional lifestyle, making it attractive to tourists who want to experience a unique culture. With proper marketing the community might be able to increase the importance of tourism.

Traditional hunting and trapping pursuits will probably continue to play a large role in the economic and cultural life of the community. An upturn in the price of fur would increase the cash value of hunting and trapping. The value of hunting and trapping to the community cannot be overestimated. A policy of managing the land, the sea, fish and game will ensure Arctic Bay's continuing ability to use these essential resources in the future.

TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

1961 - 2005

| Community    | Historic Records  |                   |                   |                   |                   |                   | Estimated and Projected |                   |                   | % Increase<br>1961-1986 |                   |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------|
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup>       | 1995 <sup>2</sup> | 2000 <sup>2</sup> |                         | 2005 <sup>2</sup> |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504                     | 591               | 681               | 782                     | 961               |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586                     | 673               | 756               | 841                     | 1163              |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162                     | 190               | 210               | 224                     | 61                |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325                     | 367               | 406               | 430                     | N/A               |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939                     | 1063              | 1186              | 1332                    | 1483              |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188                     | 212               | 236               | 262                     | 19                |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704                    | 3096              | 3475              | 3871                    | 638               |

Sources: <sup>1</sup> Statistics Canada, census data

<sup>2</sup> GNWT, Bureau of Statistics

POPULATION BY ETHNIC ORIGIN  
AGE AND SEX FOR CENSUS YEARS  
AND PROJECTIONS  
COMMUNITY: ARCTIC BAY

TABLE 2

10

| Year   | Ethnicity  | Sex | All Ages | %     | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |    |
|--------|------------|-----|----------|-------|-----|------|-------|-------|-------|-------|-----|----|
| 1976** | ALL GROUPS | M   | 200      | 51.0  | 40  | 55   | 30    | 35    | 30    | 5     | 5   |    |
|        |            | F   | 190      | 49.0  | 35  | 50   | 40    | 35    | 25    | 5     | --  |    |
|        |            | T   | 390      | 100.0 | 75  | 105  | 70    | 70    | 55    | 10    | 5   |    |
| 1981** | ALL GROUPS | M   | 195      | 52.0  | 35  | 55   | 35    | 35    | 30    | 10    | 5   |    |
|        |            | F   | 180      | 48.0  | 30  | 50   | 45    | 20    | 20    | 5     | 5   |    |
|        |            | T   | 375      | 100.0 | 65  | 105  | 80    | 60    | 50    | 15    | 10  |    |
|        | OENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        |            | F   | 5        | --    | --  | 5    | --    | --    | --    | --    | --  | -- |
|        |            | T   | 5        | 1.0   | --  | 5    | --    | --    | --    | --    | --  | -- |
|        | INUIT      | M   | 186      | --    | 30  | 45   | 35    | 30    | 20    | 5     | 5   |    |
|        |            | F   | 170      | --    | 30  | 50   | 45    | 20    | --    | --    | --  |    |
|        |            | T   | 350      | 94.0  | 60  | 100  | 75    | 50    | 45    | 5     | 5   |    |
|        | NON NATIVE | M   | 15       | --    | --  | 5    | --    | 5     | 5     | --    | --  |    |
|        |            | F   | 5        | --    | --  | --   | --    | 5     | --    | --    | --  |    |
|        |            | T   | 20       | 5.0   | --  | 5    | --    | 10    | 5     | --    | --  |    |
| 1985*  | ALL GROUPS | M   | 217      | 51.0  | 55  | 65   | 35    | 27    | 28    | 4     | 3   |    |
|        |            | F   | 215      | 49.0  | 37  | 71   | 47    | 24    | 29    | 2     | 5   |    |
|        |            | T   | 432      | 100.0 | 92  | 136  | 82    | 51    | 57    | 6     | 8   |    |
|        | OENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        |            | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        |            | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        | INUIT      | M   | 203      | --    | 55  | 61   | 35    | 24    | 21    | 4     | 3   |    |
|        |            | F   | 209      | --    | 37  | 69   | 47    | 21    | 28    | 2     | 5   |    |
|        |            | T   | 412      | 95.0  | 92  | 130  | 82    | 45    | 49    | 6     | 8   |    |
|        | NON NATIVE | M   | 14       | --    | --  | 4    | --    | 3     | 7     | --    | --  |    |
|        |            | F   | 6        | --    | --  | 2    | --    | 3     | 1     | --    | --  |    |
|        |            | T   | 20       | 5.0   | --  | 6    | --    | 6     | 8     | --    | --  |    |
| 1990*  | ALL GROUPS | M   | 254      | 51.0  | 38  | 96   | 45    | 29    | 38    | 5     | 3   |    |
|        |            | F   | 250      | 49.0  | 36  | 79   | 58    | 35    | 29    | 9     | 4   |    |
|        |            | T   | 504      | 100.0 | 74  | 175  | 103   | 64    | 67    | 14    | 7   |    |
|        | OENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        |            | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        |            | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  | -- |
|        | INUIT      | M   | 240      | --    | 38  | 92   | 45    | 26    | 31    | 5     | 3   |    |
|        |            | F   | 244      | --    | 36  | 77   | 58    | 32    | 28    | 9     | 4   |    |
|        |            | T   | 484      | 96.0  | 74  | 169  | 103   | 58    | 59    | 14    | 7   |    |
|        | NON NATIVE | M   | 14       | --    | --  | 4    | --    | 3     | 7     | --    | --  |    |
|        |            | F   | 6        | --    | --  | 2    | --    | 3     | 1     | --    | --  |    |
|        |            | T   | 20       | 4.0   | --  | 6    | --    | 6     | 8     | --    | --  |    |

\* Estimated and projected based on zero growth due migration.

\*\* Based on Statistics Canada Census

Source: Statistics Canada and Bureau of Statistics, GNWT

PRELIMINARY POPULATION PROJECTIONS

Next planned update: Sept 1986

1986 May 8

GOVERNMENT OF THE NORTHWEST TERRITORIES  
BUREAU OF STATISTICS  
PRELIMINARY POPULATION PROJECTIONS  
POPULATION BY AGE BY ETHNICITY BY SEX

Base year : 1985 June  
Fertility/Mortality Rates : Model 2  
Growth due to migration : 0

SETTLEMENT/REGION : Arctic Bay

| no         | Group      | Sex        | All Ages | Age Groups |     |       |       |       |       |       |       |       |       |       |       |       |     |
|------------|------------|------------|----------|------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|            |            |            |          | 0-4        | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |
| 85         | All Groups | T          | 432      | 92         | 81  | 65    | 60    | 32    | 29    | 22    | 21    | 14    | 13    | 9     | 1     |       |     |
|            |            | F          | 227      | 102        | 42  | 39    | 11    | 12    | 10    | 11    | 8     | 7     | 7     | 1     |       |       |     |
|            | Dene/Metis | T          | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |     |
|            |            | F          | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |     |
|            | Inuit      | T          | 412      | 92         | 77  | 63    | 60    | 32    | 28    | 19    | 19    | 11    | 10    | 9     | 1     |       |     |
|            |            | F          | 203      | 102        | 40  | 39    | 11    | 12    | 10    | 11    | 8     | 7     | 7     | 7     | 1     |       |     |
|            | Non Native | T          | 20       | -          | 4   | -     | -     | -     | 3     | 1     | 2     | 1     | 1     | 1     | 1     | 1     |     |
|            |            | F          | 14       | -          | 2   | -     | -     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |     |
|            | 90         | All Groups | T        | 504        | 74  | 95    | 80    | 53    | 50    | 35    | 29    | 19    | 22    | 19    | 11    |       |     |
|            |            |            | F        | 254        | 38  | 56    | 40    | 24    | 21    | 14    | 12    | 10    | 8     | 6     | 5     | 4     |     |
|            |            | Dene/Metis | T        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            |            |            | F        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| Inuit      |            | T          | 484      | 74         | 92  | 77    | 53    | 50    | 32    | 28    | 19    | 19    | 11    | 10    |       |       |     |
|            |            | F          | 240      | 38         | 57  | 40    | 24    | 21    | 14    | 12    | 10    | 8     | 6     | 5     | 4     |       |     |
| Non Native |            | T          | 20       | -          | 3   | -     | -     | -     | 3     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
|            |            | F          | 14       | -          | 2   | -     | -     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
| 95         |            | All Groups | T        | 591        | 90  | 77    | 94    | 78    | 53    | 53    | 35    | 28    | 20    | 23    | 13    | 11    |     |
|            |            |            | F        | 300        | 47  | 39    | 44    | 28    | 32    | 18    | 12    | 10    | 7     | 10    | 6     | 6     |     |
|            |            | Dene/Metis | T        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            |            |            | F        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | Inuit      | T          | 571      | 90         | 74  | 92    | 77    | 53    | 50    | 35    | 28    | 19    | 19    | 11    | 10    |       |     |
|            |            | F          | 286      | 47         | 38  | 44    | 28    | 32    | 18    | 12    | 10    | 9     | 6     | 6     | 6     |       |     |
|            | Non Native | T          | 20       | -          | 3   | -     | 1     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
|            |            | F          | 14       | -          | 2   | -     | 1     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
|            | 900        | All Groups | T        | 661        | 105 | 92    | 74    | 68    | 75    | 55    | 55    | 32    | 27    | 21    | 21    | 11    |     |
|            |            |            | F        | 347        | 55  | 48    | 35    | 37    | 38    | 21    | 23    | 14    | 14    | 10    | 10    | 6     |     |
|            |            | Dene/Metis | T        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            |            |            | F        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| Inuit      |            | T          | 661      | 105        | 89  | 72    | 68    | 74    | 52    | 50    | 32    | 26    | 19    | 19    | 11    |       |     |
|            |            | F          | 333      | 55         | 41  | 35    | 37    | 38    | 21    | 23    | 14    | 14    | 10    | 10    | 6     |       |     |
| Non Native |            | T          | 20       | -          | 3   | -     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
|            |            | F          | 14       | -          | 2   | -     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
| 905        |            | All Groups | T        | 782        | 115 | 107   | 91    | 71    | 85    | 76    | 55    | 49    | 33    | 28    | 19    | 21    |     |
|            |            |            | F        | 402        | 60  | 55    | 49    | 37    | 34    | 21    | 23    | 14    | 14    | 10    | 10    | 6     |     |
|            |            | Dene/Metis | T        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            |            |            | F        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | Inuit      | T          | 762      | 115        | 104 | 89    | 71    | 85    | 72    | 52    | 49    | 32    | 26    | 19    | 19    |       |     |
|            |            | F          | 388      | 60         | 54  | 47    | 37    | 34    | 21    | 24    | 14    | 14    | 10    | 10    | 6     |       |     |
|            | Non Native | T          | 20       | -          | 3   | -     | -     | -     | 4     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |
|            |            | F          | 14       | -          | 2   | -     | -     | -     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |       |     |

SOURCE: Bureau of Statistics, GNWT, 1986

POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
 SETTLEMENT/REGION: ARCTIC BAY

TABLE 4

Raw Population Statistics:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0          | 0      | 0     | 55    | 37     | 92    | 0          | 0      | 0     | 55         | 37     | 92    |
| 5-9       | 0          | 0      | 0     | 37    | 40     | 77    | 2          | 2      | 4     | 39         | 42     | 81    |
| 10-14     | 0          | 0      | 0     | 24    | 29     | 53    | 2          | 0      | 2     | 26         | 29     | 55    |
| 15-19     | 0          | 0      | 0     | 21    | 29     | 50    | 0          | 0      | 0     | 21         | 29     | 50    |
| 20-24     | 0          | 0      | 0     | 14    | 18     | 32    | 0          | 0      | 0     | 14         | 18     | 32    |
| 25-29     | 0          | 0      | 0     | 12    | 14     | 26    | 0          | 3      | 3     | 12         | 17     | 29    |
| 30-34     | 0          | 0      | 0     | 12    | 7      | 19    | 3          | 0      | 3     | 15         | 7      | 22    |
| 35-39     | 0          | 0      | 0     | 10    | 9      | 19    | 1          | 1      | 2     | 11         | 10     | 21    |
| 40-44     | 0          | 0      | 0     | 5     | 6      | 11    | 3          | 0      | 3     | 8          | 6      | 14    |
| 45-49     | 0          | 0      | 0     | 4     | 6      | 10    | 3          | 0      | 3     | 7          | 6      | 13    |
| 50-54     | 0          | 0      | 0     | 2     | 7      | 9     | 0          | 0      | 0     | 2          | 7      | 9     |
| 55-59     | 0          | 0      | 0     | 3     | 2      | 5     | 0          | 0      | 0     | 3          | 2      | 5     |
| 60-64     | 0          | 0      | 0     | 1     | 0      | 1     | 0          | 0      | 0     | 1          | 0      | 1     |
| 65+       | 0          | 0      | 0     | 3     | 5      | 8     | 0          | 0      | 0     | 3          | 5      | 8     |

Total Population: 432

Population By Percentages:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0.0        | 0.0    | 0.0   | 12.7  | 8.6    | 21.3  | 0.0        | 0.0    | 0.0   | 12.7       | 8.6    | 21.3  |
| 5-9       | 0.0        | 0.0    | 0.0   | 8.6   | 9.3    | 17.8  | 0.5        | 0.5    | 0.9   | 9.0        | 9.7    | 18.8  |
| 10-14     | 0.0        | 0.0    | 0.0   | 5.6   | 6.7    | 12.3  | 0.5        | 0.0    | 0.5   | 6.0        | 6.7    | 12.7  |
| 15-19     | 0.0        | 0.0    | 0.0   | 4.9   | 6.7    | 11.6  | 0.0        | 0.0    | 0.0   | 4.9        | 6.7    | 11.6  |
| 20-24     | 0.0        | 0.0    | 0.0   | 3.2   | 4.2    | 7.4   | 0.0        | 0.0    | 0.0   | 3.2        | 4.2    | 7.4   |
| 25-29     | 0.0        | 0.0    | 0.0   | 2.8   | 3.2    | 6.0   | 0.0        | 0.7    | 0.7   | 2.8        | 3.9    | 6.7   |
| 30-34     | 0.0        | 0.0    | 0.0   | 2.8   | 1.6    | 4.4   | 0.7        | 0.0    | 0.7   | 3.5        | 1.6    | 5.1   |
| 35-39     | 0.0        | 0.0    | 0.0   | 2.3   | 2.1    | 4.4   | 0.2        | 0.2    | 0.5   | 2.5        | 2.3    | 4.8   |
| 40-44     | 0.0        | 0.0    | 0.0   | 1.2   | 1.4    | 2.5   | 0.7        | 0.0    | 0.7   | 1.9        | 1.4    | 3.2   |
| 45-49     | 0.0        | 0.0    | 0.0   | 0.9   | 1.4    | 2.3   | 0.7        | 0.0    | 0.7   | 1.6        | 1.4    | 3.0   |
| 50-54     | 0.0        | 0.0    | 0.0   | 0.5   | 1.6    | 2.1   | 0.0        | 0.0    | 0.0   | 0.5        | 1.6    | 2.1   |
| 55-59     | 0.0        | 0.0    | 0.0   | 0.7   | 0.5    | 1.2   | 0.0        | 0.0    | 0.0   | 0.7        | 0.5    | 1.2   |
| 60-64     | 0.0        | 0.0    | 0.0   | 0.2   | 0.0    | 0.2   | 0.0        | 0.0    | 0.0   | 0.2        | 0.0    | 0.2   |
| 65+       | 0.0        | 0.0    | 0.0   | 0.7   | 1.2    | 1.9   | 0.0        | 0.0    | 0.0   | 0.7        | 1.2    | 1.9   |

SOURCE: Bureau of Statistics, GNWT, 1986



ENROLMENT BY SEX AND GRADE  
For School Years  
1981 - 1985

TABLE 5

ARCTIC BAY

| Y E A R S | PRIMARY<br>K - 3 | INTERMEDIATE<br>4 - 6 | MIDDLE<br>7 - 9 | SENIOR<br>10 - 12 | T O T A L |
|-----------|------------------|-----------------------|-----------------|-------------------|-----------|
| 1981-82   | M                | 31                    | 23              | 5                 | 59        |
|           | F                | 31                    | 22              | 7                 | 60        |
|           | T                | 62                    | 45              | 12                | 119       |
| 1982-83   | M                | 39                    | 18              | 12                | 69        |
|           | F                | 31                    | 16              | 15                | 62        |
|           | T                | 70                    | 34              | 27                | 131       |
| 1983-84   | M                | 35                    | 26              | 9                 | 70        |
|           | F                | 35                    | 20              | 17                | 72        |
|           | T                | 70                    | 46              | 26                | 142       |
| 1984-85   | M                | 41                    | 27              | 2                 | 70        |
|           | F                | 41                    | 28              | 4                 | 70        |
|           | T                | 82                    | 55              | 6                 | 144       |
| 1985-86   | M                | 47                    | 30              | 2                 | 79        |
|           | F                | 45                    | 27              | 6                 | 78        |
|           | T                | 92                    | 57              | 8                 | 157       |

SOURCE: Department of Education, GNWT, 1986

SCHOOL ATTENDANCE SUMMARY  
 For School Years  
 1981 - 1985

TABLE 6

ARCTIC BAY

| Y E A R S | Number of<br>Students<br>Enrolled | Percentage of non-<br>attendance due to<br>Land Days | Average percentage<br>of attendance |
|-----------|-----------------------------------|--|-------------------------------------|
| 1981 - 82 | 120                               | 3  | 73                                  |
| 1982 - 83 | 131                               | 5  | 78                                  |
| 1983 - 84 | 145                               | 6  | 80                                  |
| 1984 - 85 | 144                               | 3  | 81                                  |

SOURCE: Department of Education, GNWT, 1986

TABLE 7

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYDE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 2          | 30    |

SOURCE: Department of Education, GNWT, 1986

TABLE 8

EDUCATION LEVELS, 15+ POPULATION, 1981

## HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION<br>15 yrs+<br>Native | Other | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|---------------------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
| Arctic Bay   | 210                             | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220                             | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Flord  | 60                              | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155                             | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370                             | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215                             | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230                            | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.

TABLE 9

revised: 87-02-11

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income® | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$224,000           | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000           | \$3,369,000  |
| Grise Fiord    | \$384,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100            | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,011,000       | \$555,000        | \$79,000            | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,690,000      | \$467,600           | \$4,395,000  |
| Resolute Bay   | \$287,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000           | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,320,500       | \$6,535,100      | \$1,306,700         | \$21,185,000 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

® Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 10

COMMUNITY INCOME BY SOURCE 1982

| Community    | PRIVATE SECTOR                     |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|--------------|------------------------------------|----------------|-----------------|----------------|--------------------|-------------------|-----------------------------------|-----------------|---------------------------|------------------------------|-------------------------------------|
|              | Renewable Resource Harvests*       | PRIMARY SECTOR |                 |                | SECONDARY SECTOR   |                   |                                   | TERTIARY SECTOR |                           |                              |                                     |
|              |                                    | Mining         | Oil & Gas       | Total          | Arts & Crafts      | Construction      | Total                             | Retail          | Tourism                   | Other                        | Total                               |
| Arctic Bay   | \$111,700.00                       | \$210,500.00   | \$175,100.00    | \$609,700.00   | \$30,000.00        | \$38,000.00       | \$98,000.00                       | \$122,000.00    | \$44,400.00               | \$34,000.00                  | \$270,400.00                        |
| Clyde River  | \$74,000.00                        | \$84,000.00    | NA              | \$152,000.00   | \$330,000.00       | \$103,000.00      | \$483,000.00                      | \$170,000.00    | NA                        | NA                           | \$173,000.00                        |
| Grise Fiord  | \$45,000.00                        | NA             | NA              | \$45,000.00    | \$20,000.00        | \$12,000.00       | \$32,000.00                       | \$60,000.00     | \$41,000.00               | \$4,200.00                   | \$105,200.00                        |
| Nanisivik    | NA                                 | \$3,576,000.00 | NA              | \$3,576,000.00 | NA                 | NA                | NA                                | \$85,000.00     | NA                        | \$170,000.00                 | \$255,000.00                        |
| Pond Inlet   | \$110,500.00                       | \$1,500.00     | \$490,000.00    | \$699,000.00   | \$70,000.00        | \$100,000.00      | \$170,000.00                      | \$343,000.00    | \$128,000.00              | \$128,700.00                 | \$599,700.00                        |
| Resolute Bay | \$55,100.00                        | NA             | NA              | \$55,100.00    | \$8,000.00         | \$23,000.00       | \$26,000.00                       | \$47,000.00     | \$27,000.00               | \$2,428,000.00               | \$2,502,000.00                      |
| TOTAL        | \$396,500.00                       | \$1,861,000.00 | \$765,500.00    | \$3,041,000.00 | \$426,000.00       | \$562,000.00      | \$789,000.00                      | \$580,000.00    | \$249,400.00              | \$2,782,900.00               | \$3,591,300.00                      |
| Community    | PUBLIC SECTOR                      |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|              | Gov't of the Northwest Territories | Federal Gov't  | Municipal Gov't | Total          | All Sectors Income | Unearned Income @ | Imputed Value of Food Harvested † | Total Income    | Average Income per Capita | Average Income per Household | Average Earned Income per Household |
|              |                                    |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
| Arctic Bay   | \$330,000.00                       | \$111,000.00   | \$320,000.00    | \$861,000.00   | \$1,990,100.00     | \$224,000.00      | \$875,000.00                      | \$3,029,100.00  | \$8,177.60                | \$43,272.66                  | \$27,572.66                         |
| Clyde River  | \$344,000.00                       | \$340,000.00   | \$350,000.00    | \$1,034,000.00 | \$2,328,000.00     | \$375,000.00      | \$366,000.00                      | \$3,069,000.00  | \$7,570.79                | \$42,112.50                  | \$25,350.00                         |
| Grise Fiord  | \$244,100.00                       | \$152,000.00   | \$47,000.00     | \$443,100.00   | \$825,500.00       | \$57,100.00       | \$384,000.00                      | \$1,066,600.00  | \$10,138.10               | \$53,330.00                  | \$31,275.00                         |
| Nanisivik    | \$295,000.00                       | \$260,000.00   | NA              | \$555,000.00   | \$4,170,000.00     | \$79,000.00       | \$254,000.00                      | \$4,699,000.00  | \$18,473.08               | \$57,128.57                  | \$22,371.43                         |
| Pond Inlet   | \$306,000.00                       | \$163,000.00   | \$429,000.00    | \$1,698,000.00 | \$3,078,200.00     | \$467,600.00      | \$853,000.00                      | \$4,395,200.00  | \$6,335.18                | \$35,168.40                  | \$24,601.60                         |
| Resolute Bay | \$360,000.00                       | \$1,269,000.00 | \$15,000.00     | \$1,644,000.00 | \$4,215,300.00     | \$104,000.00      | \$287,000.00                      | \$4,626,300.00  | \$27,213.53               | \$41,306.25                  | \$37,315.18                         |
| TOTAL        | \$2,879,100.00                     | \$2,495,000.00 | \$1,181,000.00  | \$6,555,100.00 | \$16,260,100.00    | \$1,368,700.00    | \$3,619,000.00                    | \$21,195,300.00 | \$12,459.04               | \$47,052.76                  | \$34,831.01                         |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

@ Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.

† Estimates based on ERIA's harvesting study, 1981

SOURCE: A Eaffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>p-<br>loyment | Unem-<br>p-<br>loyment | Unem-<br>p-<br>loyment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|----------------------|------------------------|--------------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)                | (no.)                  | (%)                            | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93                   | 26                     | 22                             | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115                  | 18                     | 14                             | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53                   | 3                      | 5                              | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59                   | -                      | -                              | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183                  | 60                     | 25                             | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40                   | 15                     | 27                             | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985

TABLE 12  
 INDUSTRY DIVISION AND CLASS OF WORKERS  
 1981 CENSUS

| COMMUNITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|-------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Arctic Bay  | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Clyde River | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Grise Fiord | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Nanisivik   | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Pond Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Resolute    | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL       | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. If there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining Industry.

\*\* Employment with the renewable resources sector.



TABLE 13  
CERTIFIED JOURNEYMAN BY COMMUNITY  
FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehouseman | Burner Mechanic | Industrial Electrician | Refrigeration; Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |    |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|-------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|----|
| NAKISIVIK*   |           |                        | 6                   |                 |                                | 1                       |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 |       | 30 |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                         |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 |       | 2  |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                         |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 |       | 13 |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 8  |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                         |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 |       | 9  |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 7  |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                       | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               |       | 69 |

\* About 30% of certified journeymen from Napisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
 The data is based on home addresses given at the time of certification.  
 Thus the particular journeyman may or may not be currently a resident  
 of the community indicated.

TRAPPER INCOME BY COMMUNITY, LANCASTER SOUND REGION

TABLE 14

Settlement: ARCTIC BAY

| Year      | Total<br>Number of<br>Trappers | Total No.<br>Trappers<br>Earning<br>Over \$400 | Total No.<br>Trappers<br>Earning<br>Over \$600 | # of Trappers Earning |                       |          | Total Income From<br>Trapping |                 | Average Trapper<br>Income |                 |
|-----------|--------------------------------|--|--|-----------------------|-----------------------|----------|-------------------------------|-----------------|---------------------------|-----------------|
|           |                                |  |  | \$400 to<br>\$1,000   | \$1,000 to<br>\$5,000 | \$5,000+ | Real<br>Dollars               | 1985<br>Dollars | Real<br>Dollars           | 1985<br>Dollars |
| 1973-1974 | 60                             | 39   | -  | 18                    | 19                    | 2        | \$63,357.00                   | \$152,632.77    | \$1,055.95                | \$2,543.88      |
| 1974-1975 | 71                             | 22   | -  | 16                    | 6                     | -        | \$28,153.00                   | \$61,214.73     | \$396.52                  | \$862.18        |
| 1975-1976 | 65                             | 45   | -  | 17                    | 28                    | -        | \$66,810.00                   | \$135,107.03    | \$1,027.85                | \$2,078.57      |
| 1976-1977 | 73                             | 43   | -  | 26                    | 17                    | -        | \$57,084.00                   | \$106,937.92    | \$781.97                  | \$1,464.90      |
| 1977-1978 | 44                             | -  | 13   | 2                     | 5                     | 4        | \$31,381.45                   | \$54,015.16     | \$713.21                  | \$1,227.62      |
| 1978-1979 | 70                             | -  | 18   | 5                     | 10                    | 3        | \$79,327.00                   | \$125,035.87    | \$1,133.24                | \$1,786.23      |
| 1979-1980 | 64                             | -  | 23   | 7                     | 16                    | -        | \$45,437.25                   | \$65,012.58     | \$709.96                  | \$1,015.82      |
| 1980-1981 | 70                             | -  | 23   | 8                     | 15                    | -        | \$44,155.00                   | \$56,165.16     | \$630.79                  | \$802.36        |
| 1981-1982 | 41                             | -  | 10   | 5                     | 5                     | -        | \$18,069.00                   | \$20,743.47     | \$440.71                  | \$505.94        |
| 1982-1983 | 28                             | -  | 1  | -                     | 1                     | -        | \$5,058.00                    | \$5,489.57      | \$180.64                  | \$196.06        |
| 1983-1984 | 31                             | -  | 7  | 3                     | 4                     | -        | \$13,419.00                   | \$13,956.64     | \$432.87                  | \$450.21        |
| 1984-1985 | 32                             | -  | 7  | 3                     | 4                     | -        | \$11,710.00                   | \$11,710.00     | \$365.94                  | \$365.94        |

SOURCE: Department of Renewable Resources, GNWT, 1986

TABLE 15

WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: ARCTIC BAY

| SPECIES                 | TOTAL NO.<br>HARVESTED | TOTAL<br>EDIBLE<br>MASS | TOTAL<br>HARVESTED<br>PER CAPITA | PER CAPITA<br>EDIBLE<br>WEIGHT | ESTIMATED MASS<br>USED TO CALCULATE<br>EDIBLE BIOMASS |
|-------------------------|------------------------|-------------------------|----------------------------------|--------------------------------|---|
| Ringed Seal             | 2446                   | 48920                   | 6.18                             | 123.53                         | 20  |
| Polar Bear              | 15                     | 2385                    | 0.04                             | 6.02                           | 159   |
| Other Marine<br>Mammals | 147                    | 12766                   | 0.37                             | 32.24                          | 86.84   |
| Muskox                  | 3                      | 330                     | 0.01                             | 0.93                           | 110   |
| Arctic Hare             | 311                    | 622                     | 0.78                             | 1.57                           | 2   |
| Caribou                 | 891                    | 42768                   | 2.25                             | 108                            | 48  |
| Rock Ptarmigan          | 322                    | 203                     | 0.81                             | 0.51                           | 0.63  |
| Waterfowl               | 478                    | 753                     | 1.21                             | 1.9                            | 1.58  |
| Seabirds                | 58                     | 38                      | 1.14                             | 0.09                           | 0.68  |
| Char                    | 9782                   | 19564                   | 24.7                             | 49.4                           | 2   |
| (anadromous)*<br>Other  | 22                     | 5                       | 0.05                             | 0.01                           | 0.23  |
| Ocean Fish              |                        |                         |                                  |                                |   |
| Landlocked<br>Char      | 9                      | 9                       | 0.02                             | 0.02                           | 1   |
| Lake Trout              | X                      | X                       | X                                | X                              | X   |
| Other                   |                        |                         |                                  |                                |   |
| Freshwater Fish         | X                      | X                       | X                                | X                              | X   |
| Whale **                | 81                     | 39680                   | 0.02                             | 100.2                          | 489.88  |
| TOTALS                  |                        | 168043                  |                                  | 424.32                         |   |

## NOTES:

An "X" indicates that data for these species was not collected for this year.  
(ave) indicates that several species were included in this category.

\* Anadromous implies that fish were caught while ascending rivers to spawn.  
\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 77 Narwal and 4 Beluga.

SOURCE: Wong, MP, Chemical Residues in Fish and Wildlife Species Harvested  
In Northern Canada, 1985.

TABLE 16

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&M EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&M |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&M     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,069          |
| Clyde River            | 632,226                         | 848,326                  | 304,502          | 1,785,054        | 135,994                           | 6,288          |                          | 142,282          | 1,927,338          |
| Grise Fiord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,468          |
| Nanisivik              | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,327          |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,975          |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 897,201          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,127          |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,302</b>  |

SOURCE: Department of Finance, GNWT, 1986

TABLE 17

## SOCIAL ASSISTANCE EXPENDITURES BY COMMUNITIES &amp; REGIONS, 1980 - 1985

| COMMUNITY    | SA BY COMMUNITY<br>1980-85<br>(CALCULATED IN<br>1980 DOLLARS) | \$ SA<br>EXPENDITURES<br>(ACTUAL \$'s) | RECIP-<br>IENTS | AVERAGE \$/<br>RECIPIENT | TOTAL<br>CASES | AVERAGE<br>NO.<br>CASE/MONTH | AVERAGE<br>SA \$/CASE<br>(ACTUAL \$'s) |     |
|--------------|---|--|-----------------|--------------------------|----------------|------------------------------|--|-----|
| Arctic Bay   | 1980-81   | 44,081                                 | 44,081          | 43                       | 1,025          | 138                          | 12                                     | 319 |
|              | 1981-82   | 49,415                                 | 55,460          | 40                       | 1,387          | 158                          | 13                                     | 351 |
|              | 1982-83   | 40,574                                 | 50,030          | 34                       | 1,471          | 143                          | 12                                     | 350 |
|              | 1983-84   | 57,197                                 | 74,186          | 48                       | 1,546          | 192                          | 16                                     | 386 |
|              | 1984-85   | 49,135                                 | 66,309          | 38                       | 1,761          | 170                          | 14                                     | 390 |
| Clyde River  | 1980-81   | 103,606                                | 103,606         | 64                       | 1,619          | 266                          | 22                                     | 390 |
|              | 1981-82   | 120,142                                | 134,839         | 61                       | 2,210          | 335                          | 28                                     | 403 |
|              | 1982-83   | 128,788                                | 158,801         | 80                       | 1,985          | 412                          | 32                                     | 385 |
|              | 1983-84   | 142,264                                | 184,519         | 93                       | 1,984          | 435                          | 36                                     | 424 |
|              | 1984-85   | 134,706                                | 181,790         | 87                       | 2,091          | 437                          | 36                                     | 416 |
| Grise Fiord  | 1980-81   | 7,233                                  | 7,233           | 9                        | 804            | 30                           | 3                                      | 241 |
|              | 1981-82   | 12,662                                 | 14,211          | 19                       | 748            | 54                           | 4                                      | 263 |
|              | 1982-83   | 10,635                                 | 13,113          | 17                       | 771            | 57                           | 5                                      | 230 |
|              | 1983-84   | 24,766                                 | 32,122          | 29                       | 1,108          | 101                          | 8                                      | 318 |
|              | 1984-85   | 37,286                                 | 50,318          | 31                       | 1,623          | 148                          | 12                                     | 340 |
| Fond Inlet   | 1980-81   | 94,240                                 | 94,240          | 64                       | 1,473          | 246                          | 21                                     | 383 |
|              | 1981-82   | 84,638                                 | 94,992          | 60                       | 1,583          | 247                          | 21                                     | 385 |
|              | 1982-83   | 94,306                                 | 116,283         | 75                       | 1,550          | 301                          | 12                                     | 386 |
|              | 1983-84   | 110,496                                | 143,315         | 93                       | 1,541          | 330                          | 27                                     | 434 |
|              | 1984-85   | 101,855                                | 137,456         | 79                       | 1,727          | 304                          | 25                                     | 452 |
| Resolute Bay | 1980-81   | 17,736                                 | 17,736          | 17                       | 1,043          | 60                           | 5                                      | 296 |
|              | 1981-82   | 13,073                                 | 14,672          | 13                       | 1,129          | 49                           | 4                                      | 299 |
|              | 1982-83   | 18,374                                 | 22,656          | 16                       | 1,416          | 59                           | 5                                      | 384 |
|              | 1983-84   | 24,223                                 | 31,418          | 24                       | 1,309          | 83                           | 7                                      | 379 |
|              | 1984-85   | 13,660                                 | 18,435          | 21                       | 903            | 54                           | 5                                      | 341 |

SOURCE: Report on the Social Assistance Program: 1980-1985, GNMT, Department of Services, Yellowknife, 1985

TABLE 18  
FOOD PRICE INDEXES, By Major Category and Selected Communities  
 Northwest Territories, June 1985  
 (Yellowknife = 100)

| Community   | All<br>Items | Meat | Fish | Dairy<br>& Eggs | Cereal<br>&<br>Bakery | Fruit | Vege-<br>tables | Sugar | Coffee<br>& Tea | Fats<br>& Oils | Non-<br>Alcoh.<br>Bev. | Other<br>Food<br>Items |
|-------------|--------------|------|------|-----------------|-----------------------|-------|-----------------|-------|-----------------|----------------|------------------------|------------------------|
| Arctic Bay  | 167          | 142  | 119  | 189             | 115                   | 212   | 214             | 157   | 101             | 168            | 150                    | 159                    |
| Clyde River | 166          | 160  | 127  | 167             | 137                   | 176   | 220             | 154   | 100             | 154            | 147                    | 154                    |
| Grise Fiord | 175          | 130  | 131  | 285             | 145                   | 143   | 190             | 175   | 118             | 192            | 174                    | 143                    |
| Nanisivik   | 163          | 151  | 109  | 201             | 128                   | 156   | 191             | 154   | 109             | 141            | 159                    | 163                    |
| Pond Inlet  | 162          | 142  | 119  | 195             | 113                   | 186   | 193             | 148   | 89              | 150            | 140                    | 181                    |
| Resolute    | 163          | 149  | 116  | 196             | 158                   | 143   | 163             | 150   | 136             | 148            | 219                    | 159                    |

SOURCE: GNWT, Bureau of Statistics, 1985.

# ARCTIC BAY, 1985

FIGURE 1

Population By Age, Sex and Ethnicity

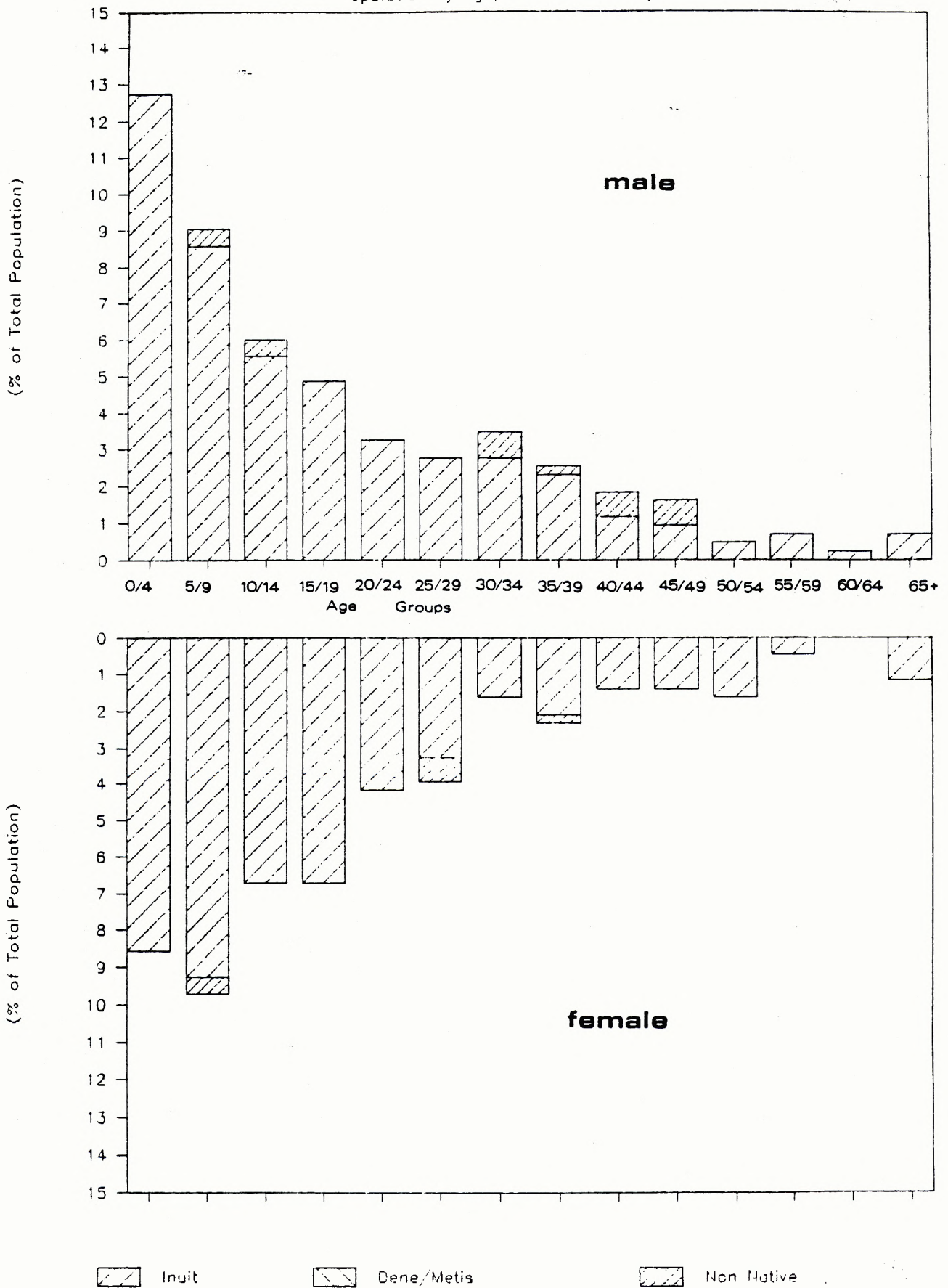


FIGURE 2  
ARCTIC BAY

ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

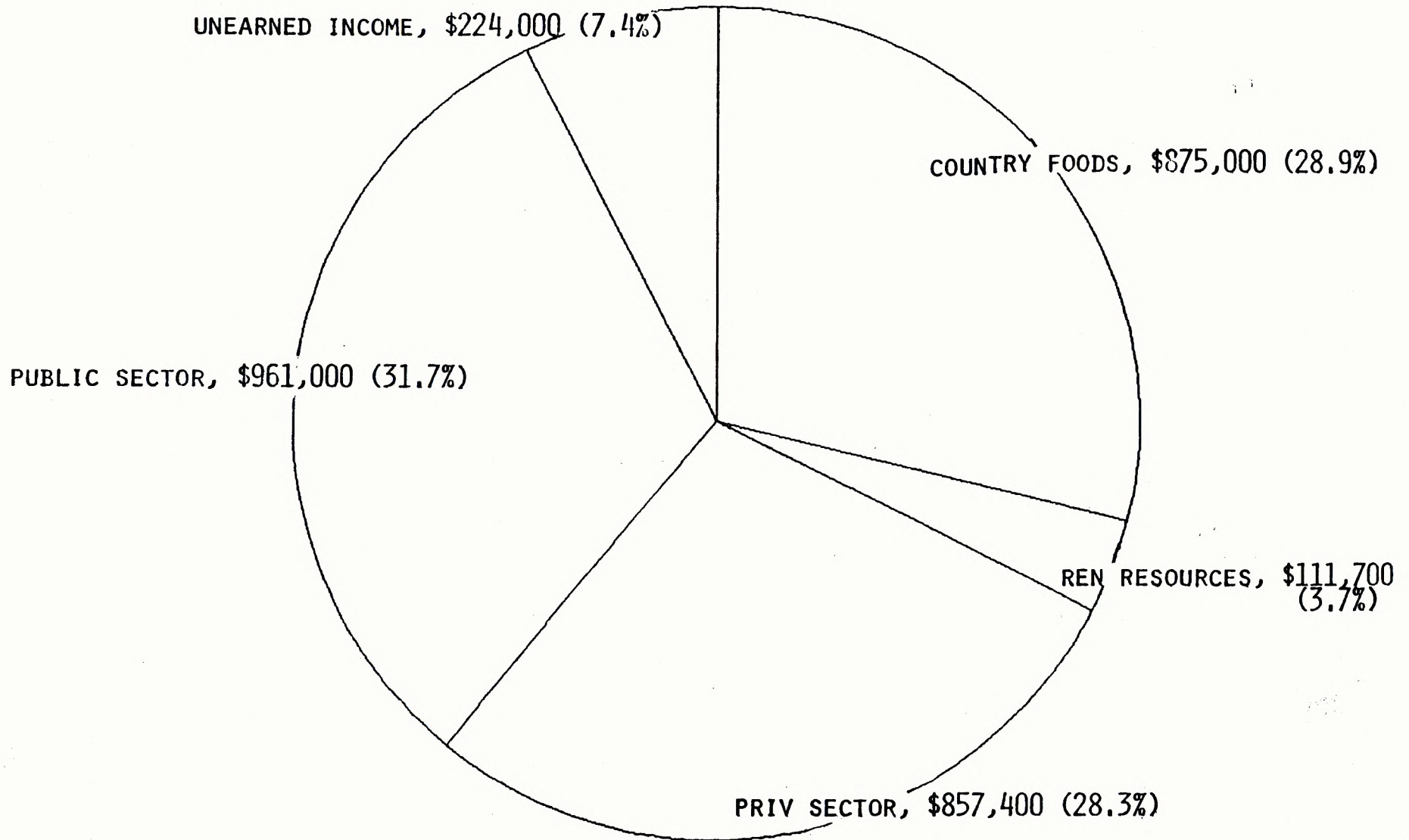
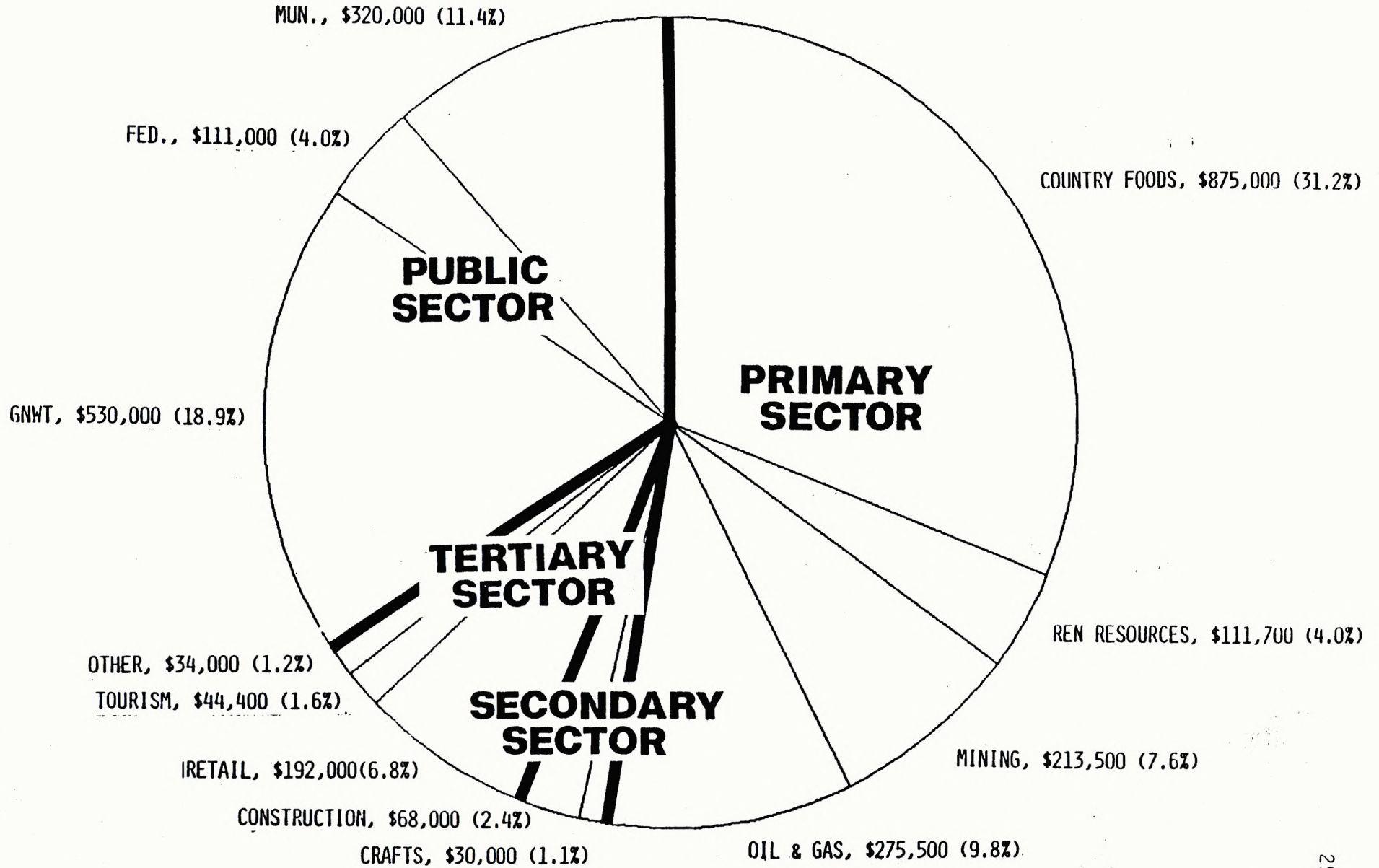




FIGURE 3  
**ARCTIC BAY**  
 INCOME BY SOURCE AND IMPUTED VALUE OF COUNTRY FOODS, 1982

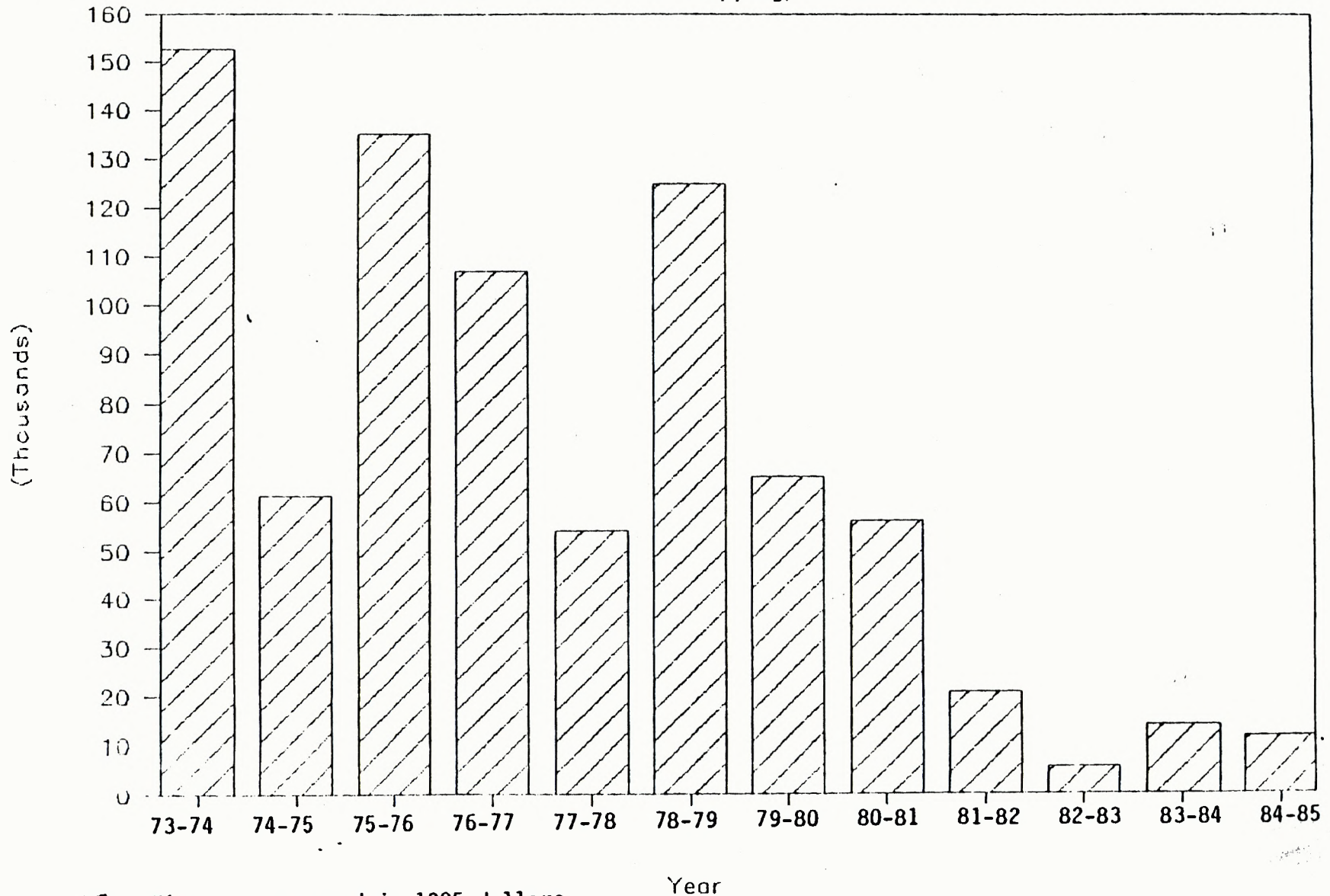


Source: GNWT Department of Economic Development and Tourism,  
 A Baffin Region Economic Baseline Study, 1984.

# ARCTIC BAY

FIGURE 4

Total Income From Trapping, 1973-1985



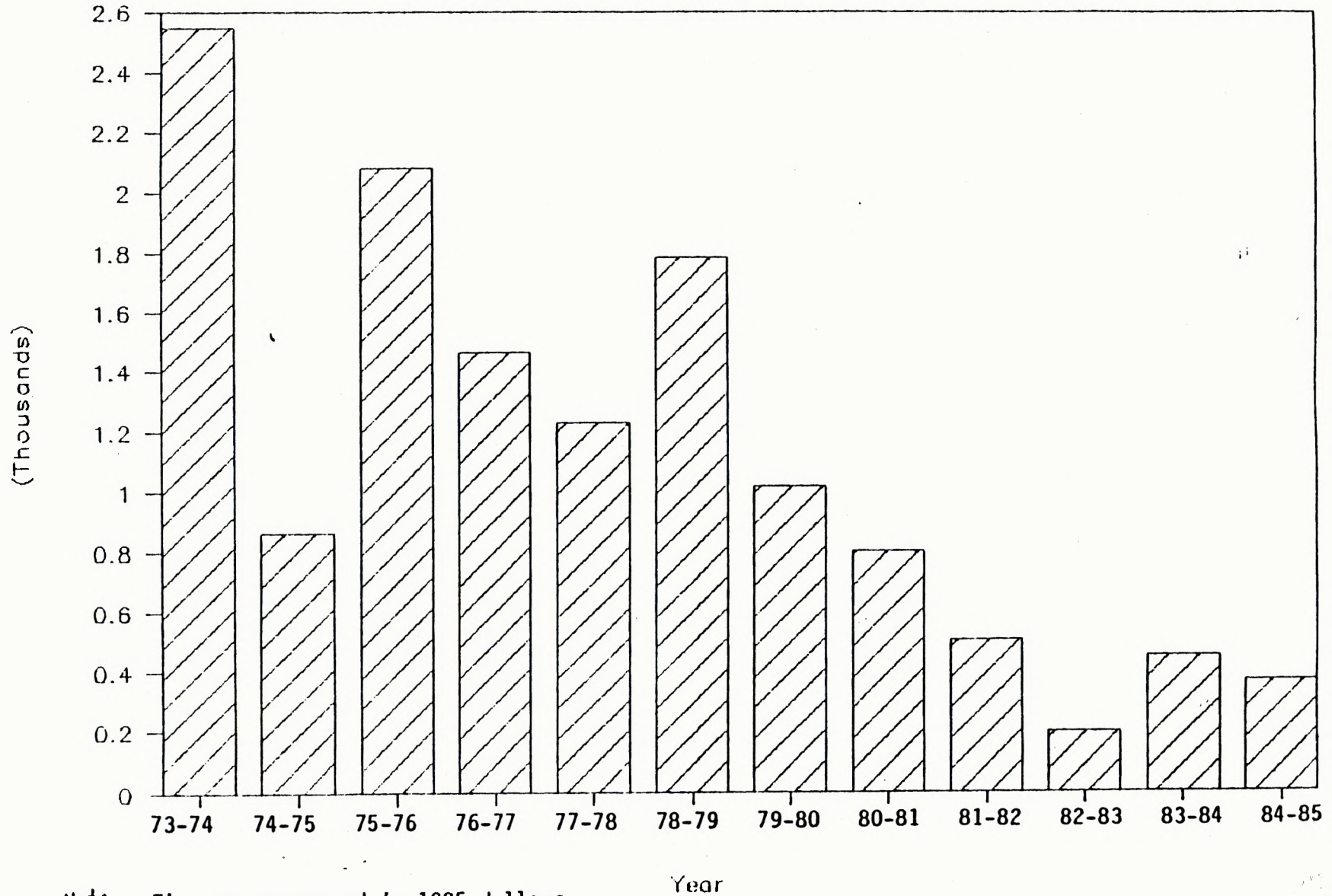
Note : Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNKT, 1986

# ARCTIC BAY

FIGURE 5

Average Income From Trapping, 1973-1985



Note : Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNWT, 1986

LANCASTER SOUND  
COMMUNITY PROFILE

CLYDE RIVER

Prepared by:

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Northern Land Use Planning Office

February 1987

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# KANGIQIUGAAPIK

## CLYDE RIVER

### 1. INTRODUCTION

This community profile is organized into three sections:

1. a short section describing history, human resources, economy and future prospects;
2. a section containing figures which illustrate historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which provide the data used to prepare the graphics and text.

In describing the social and economic makeup of the community, this profile will help the people of the community focus on where they have come from, where they are now, and where they are going. This profile is meant to help the community identify opportunities and constraints to development. The community can develop a vision of where it wants to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

### 2. HISTORY

Around Clyde River the remains of the Dorset and Thule cultures are to be found. The large number of Thule ruins can be attributed to the abundance of bowhead whales that once frequented the Cumberland Sound area (Haller, 1966). When the European whalers arrived in the 19th century, however, this culture had disappeared and been replaced by the central Eskimo tribes.

According to Boas (1888) there were at least 10 camps around Clyde River. Since the immediate area around Clyde River was almost uninhabited when the Hudson's Bay Company opened its trading post in 1923, it had to relocate several Inuit families in order to exploit the local fur resources. Eventually, families who had lived in the various camps around the Clyde River area settled around the trading post. The closure of whaling stations around Clyde also contributed to the movement of many families to the new post of the Hudson's Bay.

In the early years furs in the community were the sole source of cash income for nearly 20 years. However, trapping did not assume great importance in the local lifestyle. Depressed fur prices in the early 1940's lent some attraction to wage employment as an alternate source of income. A U.S. Coast Guard weather and navigation station was constructed during the same period.

In the early 1950's the Anglican church established its mission and the construction of a school and other government services encouraged more people to abandon the camps and settle at the settlement.

Between 1967 and 1970 the community was moved from the east side of Patricia Bay to the opposite shore. Today Clyde River is one of the most traditional communities where many people still live off the land for a large part of the year.

### 3. HUMAN RESOURCES

#### 3.1 Demography

Clyde River's population rose from 40 in 1961 to 443 in 1981 which is an increase of over 1,100 percent for these two decades (Statistics Canada, 1982). The average annual growth rate for the period 1961 to 1981 was about 55 percent. This rapid growth reflects the movement of people off the land and into the settlement and their subsequent high rate of natural increase amidst conditions of better health care, housing and social assistance. The 1986 Census indicates that the population at Clyde River is 465 people which is much less than it was estimated to be for 1985. Thus, since the last Census of 1981 the population has increased by 22 people. At this rate of growth it is estimated that the population will exceed 750 people by the year 2000.

Clyde River has a relatively young population. The latest available age specific population data are for 1981. They reveal that some 46 percent of the community's population in that year was under the age of 24; 17 percent between the ages of 25-34; 16 percent between the ages of 35-64 and about one percent of the population was 65 years old and over. The projection for subsequent years indicate that the population will be much more youthful. For example, by the year 2000, 63 percent of the population could be under the age of 24.

In 1981, the community had about 56 percent males and about 44 percent females. This ratio of sexes is estimated to be about the same to the year 2000.

The majority of residents are Inuit (98% in 1981), and the remainder are English-speaking, government, education or service industry employees. It is estimated that the same ratio of Inuit to non-natives will remain the same to the year 2000.

The large proportion of population under the age of 24 could produce problems for the community as they enter the labour

force. Since there are few opportunities for expansion in the existing economy, if new fields of endeavour are not developed, the younger members of the community will be forced to leave in search of employment. In order to keep its young people from leaving, the community must seek to expand its economy.

### 3.2 Education

The community has a modern school which provides education from kindergarten to grade 9. In 1985-86, it had an enrollment of 155 students. During the last 5 years school enrollment fluctuated considerably. The highest enrollment was in 1981-82 with 161 students. The lowest enrollment was in 1982-83 with 129 students. During the last 5 years between 47-55 percent of enrollment was in the primary grades (K-3), while the enrollment in the middle grades (7-9) was between 10-18 percent for the same period.

The average percentage of attendance is quite high, ranging from 77-80 percent from 1981-85. The percentage of non-attendance due to land days is very low, ranging from 0.6-2 percent for the same period. Apparently there is no relationship between an increase in land days and attendance. Therefore, non-attendance must be linked to other reasons than participation in renewable resource harvesting.

Students who wish to go to high school (grades 10-12) have to go to Iqaluit. The number of students that were enrolled in high school is not known. However, the data shows that between 1976 and 1985 only 2 students graduated from high school (grade 12). Thus, the development of business enterprises may be hampered by the lack of formal education or skill development.

Statistics Canada's 1981 Census indicates that over 48 percent of the working age population (15-64) had less than grade 9 education (34% had no schooling at all); 11 percent had more than grade 9 schooling and some 16 percent had received a trade diploma. There appears to be a very high drop out rate of students from grades 9 through 12.

Vocational and continuing education are also available in the community. There is an adult education centre which offers a variety of subjects. Courses through the Arctic College are also available locally or in Iqaluit.

## 4. ECONOMY

### 4.1 Introduction

The economy of Clyde River can be broken down into three major categories that include the public, private and renewable



resources sectors. The public sector includes income from the territorial, federal and municipal governments. The private sector is made up of local private businesses, income from mining and crafts. The third category includes income from sale of raw renewable resources such as fish, meat and furs, as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

The proportion of income from different sectors based on the 1982 data provided by the G.N.W.T. (1984) was: 31 percent from the private sector, 61 percent from the public sector (excluding the transfer of payments) and 8 percent from renewable resources (excluding the imputed value of country food).

The economy has evolved from a subsistence hunting, fishing and gathering economy, to one involved in trapping and trading of furs in the mid 1900's, to a mixed wage/subsistence economy with the expansion of government programs and with the establishment of the Nanisivik Mines.

According to the 1981 Census, there were 225 people at the working age (15-64), but only 95 people were employed during the year. The majority of the people were employed in the service and secondary sectors. The 1984 labour force survey of G.N.W.T.'s Bureau of Statistics indicated that the unemployment rate was 18 percent (115 people employed) out of a labour force of 133 people, and that the participation rate was 49 percent. Most of the people were employed in the unskilled or semi-skilled jobs. From 1970 to July 1986, 7 people from Clyde River have received Journeyman certification.

The income per capita, excluding imputed value of country food, was about \$5,500 for 1982. If we include the estimated imputed value of country food, the income per capita increased to about \$7,500. Therefore, about 25 percent of the per capita income came from the value of country food.

#### 4.2 Renewable Resources

Clyde River and its surrounding area is rich in game and fish. Traditionally, the residents have relied on seal, caribou and fish (char) for meat and have used narwhal, polar bear, beluga, ducks, geese and ptarmigan to supplement their diet. An accurate estimate of the total edible weight of the harvest is not available. However, according to BRIA's (1982) harvesting study, the value of country food was about \$966,000 for 1982. This value was based on 88,000 kgs of edible weight. The per capita edible weight was 198 kgs, and thus the per capita value was over \$2,000.

Based on the per capita meat production, the protein content of this harvest will exceed the required "adequate" diet, as defined by Health and Welfare Canada (Science Advisory Board, 1980). Therefore, with the addition of other wildlife to their diet the community is more than self sufficient in protein content from wildlife products alone.

The 1983 data from the above study estimates that edible weight from harvested game and fish was almost twice that of the previous study. Therefore, it is possible to assume that the value of country food may in fact be closer to \$2 million or about \$4,000 per person. Thus, the value of country food contributed about 45 percent to the total community income.

Income from fur production contributed very little to the total community cash income, just about 8 percent or \$158,000 of the community's income. Since 1974-75, when 84 trappers earned a reported income of \$222,000 (1985 dollars), income from fur production has dropped considerably to \$33,000 for the 1984-85 trapping season. The largest drop in income from fur production occurred since 1981-82, and since then it did not fluctuate. Most of the trappers earned very little income. For example, in 1984-85, out of 63 trappers only 18 trappers earned over \$600; 7 trappers earned up to \$1,000, and 11 trappers earned between \$1,000-\$5,000. When the price of furs was relatively good there were more trappers that earned over \$1,000 and over \$5,000. It appears that protest by animal rights groups had a drastic effect on prices, in particularly on seal skins. Today, seal skins are primarily used in producing various handicrafts and clothing. If this situation continues it is likely that fur harvesting will provide minimal income in the future, therefore forcing some hunters to seek other means to supplement their income.

In 1986, the community suffered yet another blow when the polar bear quota was cut back from 45 to 15 because of a recent decline in the polar bear population. Thus, income potential from polar bears, including fur sale and guided hunts, has been further reduced.

Generally, the engagement in the harvesting of wildlife in Clyde River is characterized by a high participation rate by most of the residents throughout the year on a largely part-time basis. Income from wages is usually used to purchase the means of production for harvesting activities. For most residents, wildlife harvesting is not only a cultural affair, but also the need to acquire the needed staple food for survival.

#### 4.3 Public Sector

The public sector includes employment and income with the Hamlet administration, Housing Authority, Nursing Station, the school and the territorial government. In 1982, the total income from the public sector was about \$1.2 million, which is about 61 percent of the cash economy of Clyde River (excluding transfer of payments). The public sector, apart from being the major contributor to the local cash economy, also provides many essential services free of charge or at a very low cost such as housing, which is not included in the above income.

Apart from providing direct employment to many residents in the community, the public sector also provides business opportunities through contracts for goods and services. During the 1985-86 fiscal year, the G.N.W.T. alone spent about \$632,000 in salaries and wages; about \$848,000 on grants and contributions; about \$304,000 on operation and maintenance and over \$142,000 on buildings and equipment. For the same period, the G.N.W.T.'s total contribution to the local economy was about \$2 million (O&M and capital expenditures).

Transfer of payments are also an important additional cash income for many residents. These transfers from the federal and territorial governments accounted for about 16 percent of the total community's cash income or \$375,000 in 1982. In 1984-85, 87 people received social assistance at an average of \$2,091 per person. During the last 5 years 61-93 people received social assistance. The highest number of recipients was in 1983-84, when 93 people received this assistance, and the lowest number of recipients was in 1981-82, when 61 people received social assistance. During the peak period of social assistance about 25 percent of the community's population was on social assistance for some period of the year.

The federal transfer of payments were given in the form of family allowance, old age security, unemployment insurance and guaranteed income supplement to pensioners only. It is not known how many people received these payments, but in 1982 about \$225,000 was distributed in the community to those that were qualified to receive these payments.

#### 4.4 Private Sector

There is a diversity of small businesses that provide employment and income for many residents. These businesses are service oriented and are primarily geared to the needs of the local market such as local construction, retail merchandise and food sales, hotel and restaurant, taxi, fuel products and crafts.

The private sector contributed about \$636,000 in 1982 towards the total community's cash income. Within this sector, arts and crafts was the major contributor with about 47 percent or \$300,000, followed by retail (\$173,000), construction (\$163,000) and income from the mining industry (\$84,000), namely employment at Nanisivik Mines. The mine at Nanisivik employed between 5-10 people for various durations. Lack of adequate skills prevented many people from acquiring meaningful and permanent jobs. Nevertheless, significant numbers of people did work at the mine and thus gained valuable industrial experience.

Tourism and related service activities can be the most promising factor for future development. The available data does not provide any estimated income generated from this industry. However, it is known that some tourism activity, although on a small scale, did take place. Sport hunting is also an area which can provide high income, even though the polar bear quota has been reduced to 15. Given the fact that the community has excellent accommodation facilities, tourism can increase the sales of arts and crafts and other local business.

#### 4.5 Cost of Living

The cost of living in 1983 was about 60-69 percent higher than in Montreal. This is mainly due to the remoteness and high cost of transportation. Fresh produce and perishable items must be flown in from Montreal via Iqaluit.

The 1985 food price survey of G.N.W.T., Bureau of Statistics, shows that food prices for all items were about 66 percent higher than Yellowknife. The highest costs were for vegetables (120%), fruit (76%), and for dairy and eggs (67%). Therefore, if local residents have to spend their cash income on the above items, their actual earnings will be diminished.

#### 5. FUTURE PROSPECTS

Currently, the local economy is of a mixed character; some people work for wages and use a portion of the income from such work to purchase capital goods needed for a land-based lifestyle. Even though a shift towards increased industrial employment is unlikely due to the economic downturn, expectations are rising, and more people are becoming interested in working for wages. However, the way of life involving renewable resource harvesting as a cash income and as a source of food will continue to be a strong factor in the community in the future. Harvest of wildlife for food by-and-large does not show up in terms of cash income and is

often difficult to measure directly. A basic concern that needs to be addressed is the level of harvest of different wildlife species that can be sustained without depleting the resource. A depletion of the resource could have a negative effect in the loss of country food as a food source, as well as the scarcity of animals could frustrate tourists who wish to view animals in their natural habitat close to the community.

Another development that will have negative consequences is the impending closure of Nanisivik Mines, now projected for 1992. The mine has hired a number of people from the community since 1974 and many have come to rely on this particular source of income. Nevertheless, opportunities may be forthcoming and thus, in order to prepare people for future industrial employment and business opportunities, there will exist a need to expand the role of small businesses and to train young people for employment in higher skilled occupations.

Tourism could generate jobs and cash income for the residents of Clyde River. The community has a number of drawing cards to attract tourists seeking a traditional Arctic experience. The area offers beautiful scenery and is rich in wildlife. In addition, the people of the community lead a relatively traditional lifestyle, making it attractive to tourists who want to experience a unique culture. With proper marketing the community might be able to increase the importance of tourism.

Traditional hunting and trapping pursuits will probably continue to play a large role in the economic and cultural life of the community. An upturn in the price of fur would increase the cash value of hunting and trapping. The value of hunting and trapping to the community cannot be overestimated. A policy of managing the land, the sea, fish and game will ensure Clyde River's continuing ability to use these essential resources in the future.

TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

1961 - 2005

| Community    | Historic Records  |                   |                   |                   |                   |                   | Estimated and Projected |                   |                   | % Increase<br>1961-1986 |                   |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------|
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup>       | 1995 <sup>2</sup> | 2000 <sup>2</sup> |                         | 2005 <sup>2</sup> |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504                     | 591               | 681               | 782                     | 961               |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586                     | 673               | 756               | 841                     | 1163              |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162                     | 190               | 210               | 224                     | 61                |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325                     | 367               | 406               | 430                     | N/A               |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939                     | 1063              | 1186              | 1332                    | 1483              |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188                     | 212               | 236               | 262                     | 19                |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704                    | 3096              | 3475              | 3871                    | 638               |

Sources: <sup>1</sup> Statistics Canada, census data

<sup>2</sup> GNWT, Bureau of Statistics

## AGE AND SEX FOR CENSUS YEARS

## AND PROJECTIONS

## COMMUNITY: CLYOE RIVER

TABLE 2

9

| Year   | Ethnicity      | Sex | All Ages | %     | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |
|--------|----------------|-----|----------|-------|-----|------|-------|-------|-------|-------|-----|
| 1976** | ALL GROUPS     | M   | 190      | 54.0  | 30  | 60   | 40    | 30    | 25    | 5     | --  |
|        |                | F   | 160      | 46.0  | 30  | 45   | 35    | 25    | 15    | 5     | --  |
|        |                | T   | 350      | 100.0 | 60  | 110  | 75    | 55    | 40    | 10    | --  |
| 1981** | ALL GROUPS     | M   | 245      | 56.0  | 55  | 75   | 40    | 45    | 30    | 10    | 10  |
|        |                | F   | 195      | 44.0  | 30  | 60   | 40    | 30    | 35    | 5     | 5   |
|        |                | T   | 440      | 100.0 | 80  | 30   | 85    | 75    | 65    | 5     | 5   |
|        | DENE/<br>METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT          | M   | 240      | --    | 50  | 65   | 45    | 45    | 25    | 10    | 10  |
|        |                | F   | 190      | --    | 30  | 60   | 35    | 20    | 30    | 5     | 5   |
|        |                | T   | 430      | 98.0  | 80  | 125  | 80    | 65    | 55    | 5     | 5   |
|        | NON<br>NATIVE  | M   | 5        | --    | --  | --   | --    | 5     | --    | --    | --  |
|        |                | F   | 5        | --    | --  | --   | --    | 5     | --    | --    | --  |
|        |                | T   | 10       | 2.0   | --  | --   | --    | 10    | --    | --    | --  |
| 1985*  | ALL GROUPS     | M   | 282      | 55.0  | 47  | 82   | 55    | 41    | 39    | 10    | 8   |
|        |                | F   | 228      | 45.0  | 47  | 63   | 43    | 38    | 33    | 4     | --  |
|        |                | T   | 510      | 100.0 | 94  | 145  | 98    | 79    | 72    | 14    | 8   |
|        | DENE/<br>METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT          | M   | 282      | --    | 47  | 82   | 55    | 41    | 39    | 10    | 8   |
|        |                | F   | 218      | --    | 46  | 63   | 42    | 30    | 33    | 4     | --  |
|        |                | T   | 500      | 98.0  | 93  | 145  | 97    | 71    | 72    | 14    | 8   |
|        | NON<br>NATIVE  | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | F   | 10       | --    | 1   | --   | 1     | 8     | --    | --    | --  |
|        |                | T   | 10       | 2.0   | 1   | --   | 1     | 8     | --    | --    | --  |
| 1990*  | ALL GROUPS     | M   | 321      | --    | 42  | 95   | 63    | 43    | 55    | 14    | 9   |
|        |                | F   | 265      | --    | 38  | 77   | 56    | 42    | 41    | 11    | --  |
|        |                | T   | 586      | 100.0 | 80  | 172  | 119   | 85    | 96    | 25    | 9   |
|        | DENE/<br>METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT          | M   | 321      | --    | 42  | 95   | 63    | 43    | 55    | 14    | 9   |
|        |                | F   | 255      | --    | 37  | 77   | 55    | 35    | 40    | 11    | --  |
|        |                | T   | 576      | 98.0  | 79  | 172  | 118   | 78    | 95    | 25    | 9   |
|        | NON<br>NATIVE  | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |                | F   | 10       | --    | 1   | --   | 1     | 7     | 1     | --    | --  |
|        |                | T   | 10       | 2.0   | 1   | --   | 1     | 7     | 1     | --    | --  |

\* Estimated and projected based on zero growth due migration.

\*\* Based on Statistics Canada Census.

Source: Statistics Canada and Bureau of Statistics, GNWT.

PRELIMINARY POPULATION PROJECTIONS

TABLE 3  
Next planned update: Sept 1986

1986 May 8

GOVERNMENT OF THE NORTHWEST TERRITORIES  
BUREAU OF STATISTICS

PRELIMINARY POPULATION PROJECTIONS  
POPULATION BY AGE BY ETHNICITY BY SEX

Base year : 1985 June  
Fertility/Mortality Rates : Model 2  
Growth due to migration : 0

SETTLEMENT/REGION : Clyde River

| June       | Group      | Sex | All Ages | Age Groups |     |       |       |       |       |       |       |       |       |       |       |       |     |   |
|------------|------------|-----|----------|------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---|
|            |            |     |          | 0-4        | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |   |
| 1985       | All Groups | T   | 510      | 94         | 79  | 66    | 52    | 46    | 37    | 42    | 28    | 13    | 16    | 15    | 10    | 4     | 8   |   |
|            |            | F   | 282      | 47         | 48  | 34    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 8     | 7     | 6     | 4   | 8 |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
| Inuit      | T          | 500 | 93       | 79         | 66  | 52    | 45    | 33    | 38    | 28    | 13    | 16    | 15    | 10    | 4     | 8     |     |   |
|            | F          | 282 | 47       | 48         | 34  | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 8     | 7     | 6     | 4     | 8   |   |
| Non Native | T          | 10  | 1        | -          | -   | -     | 1     | 4     | 4     | -     | -     | -     | -     | -     | -     | -     | -   |   |
|            | F          | 10  | 1        | -          | -   | -     | 1     | 4     | 4     | -     | -     | -     | -     | -     | -     | -     | -   |   |
| 1990       | All Groups | T   | 586      | 80         | 93  | 79    | 66    | 53    | 49    | 36    | 39    | 28    | 13    | 16    | 15    | 10    | 9   |   |
|            |            | F   | 321      | 42         | 47  | 48    | 34    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 8     | 7     | 6   | 9 |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
| Inuit      | T          | 576 | 79       | 93         | 79  | 66    | 52    | 45    | 33    | 38    | 28    | 13    | 16    | 15    | 10    | 9     |     |   |
|            | F          | 321 | 42       | 47         | 48  | 34    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 8     | 7     | 6     | 9   |   |
| Non Native | T          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | 1     | -     | -     | -     | -     | -     | -     | -   |   |
|            | F          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | 1     | -     | -     | -     | -     | -     | -     | -   |   |
| 1995       | All Groups | T   | 673      | 93         | 78  | 92    | 79    | 67    | 56    | 48    | 33    | 39    | 28    | 13    | 16    | 15    | 16  |   |
|            |            | F   | 364      | 48         | 41  | 46    | 48    | 34    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 7     | 12  |   |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
| Inuit      | T          | 663 | 92       | 78         | 92  | 79    | 66    | 52    | 45    | 33    | 38    | 28    | 13    | 16    | 15    | 16    |     |   |
|            | F          | 364 | 48       | 41         | 46  | 48    | 34    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 7     | 12    |     |   |
| Non Native | T          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | -     | 1     | -     | -     | -     | -     | -     | -   |   |
|            | F          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | -     | 1     | -     | -     | -     | -     | -     | -   |   |
| 2000       | All Groups | T   | 756      | 100        | 90  | 77    | 89    | 78    | 69    | 55    | 45    | 33    | 39    | 28    | 13    | 16    | 24  |   |
|            |            | F   | 405      | 52         | 47  | 40    | 45    | 46    | 33    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 15  |   |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
| Inuit      | T          | 746 | 99       | 90         | 77  | 89    | 77    | 65    | 52    | 45    | 33    | 38    | 28    | 13    | 16    | 24    |     |   |
|            | F          | 405 | 52       | 47         | 40  | 45    | 46    | 33    | 29    | 26    | 17    | 24    | 18    | 8     | 8     | 15    |     |   |
| Non Native | T          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | -     | -     | 1     | -     | -     | -     | -     | -   |   |
|            | F          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | -     | -     | 1     | -     | -     | -     | -     | -   |   |
| 2005       | All Groups | T   | 841      | 108        | 97  | 89    | 76    | 87    | 77    | 66    | 52    | 45    | 33    | 39    | 28    | 13    | 31  |   |
|            |            | F   | 449      | 56         | 50  | 46    | 40    | 44    | 44    | 32    | 26    | 19    | 17    | 24    | 18    | 8     | 18  |   |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | - |
| Inuit      | T          | 831 | 107      | 97         | 89  | 76    | 86    | 73    | 63    | 52    | 45    | 33    | 38    | 28    | 13    | 31    |     |   |
|            | F          | 449 | 56       | 50         | 46  | 40    | 44    | 44    | 32    | 26    | 19    | 17    | 24    | 18    | 8     | 18    |     |   |
| Non Native | T          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | 1     | -     | -     | 1     | -     | -     | -     |     |   |
|            | F          | 10  | 1        | -          | -   | -     | 1     | 4     | 3     | 1     | -     | -     | 1     | -     | -     | -     |     |   |

SOURCE: Bureau of Statistics, GNWT, 1986



POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
 SETTLEMENT/REGION: CLYDE RIVER

TABLE 4

Raw Population Statistics:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0          | 0      | 0     | 47    | 46     | 93    | 0          | 1      | 1     | 47         | 47     | 94    |
| 5-9       | 0          | 0      | 0     | 48    | 31     | 79    | 0          | 0      | 0     | 48         | 31     | 79    |
| 10-14     | 0          | 0      | 0     | 34    | 32     | 66    | 0          | 0      | 0     | 34         | 32     | 66    |
| 15-19     | 0          | 0      | 0     | 29    | 23     | 52    | 0          | 0      | 0     | 29         | 23     | 52    |
| 20-24     | 0          | 0      | 0     | 26    | 19     | 45    | 0          | 1      | 1     | 26         | 20     | 46    |
| 25-29     | 0          | 0      | 0     | 17    | 16     | 33    | 0          | 4      | 4     | 17         | 20     | 37    |
| 30-34     | 0          | 0      | 0     | 24    | 14     | 38    | 0          | 4      | 4     | 24         | 18     | 42    |
| 35-39     | 0          | 0      | 0     | 18    | 10     | 28    | 0          | 0      | 0     | 18         | 10     | 28    |
| 40-44     | 0          | 0      | 0     | 5     | 8      | 13    | 0          | 0      | 0     | 5          | 3      | 13    |
| 45-49     | 0          | 0      | 0     | 3     | 3      | 16    | 0          | 0      | 0     | 8          | 3      | 16    |
| 50-54     | 0          | 0      | 0     | 8     | 7      | 15    | 0          | 0      | 0     | 8          | 7      | 15    |
| 55-59     | 0          | 0      | 0     | 6     | 4      | 10    | 0          | 0      | 0     | 6          | 4      | 10    |
| 60-64     | 0          | 0      | 0     | 4     | 0      | 4     | 0          | 0      | 0     | 4          | 0      | 4     |
| 65+       | 0          | 0      | 0     | 8     | 0      | 8     | 0          | 0      | 0     | 8          | 0      | 8     |

Total Population: 510

Population By Percentages:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0.0        | 0.0    | 0.0   | 9.2   | 9.0    | 18.2  | 0.0        | 0.2    | 0.2   | 9.2        | 9.2    | 18.4  |
| 5-9       | 0.0        | 0.0    | 0.0   | 9.4   | 6.1    | 15.5  | 0.0        | 0.0    | 0.0   | 9.4        | 6.1    | 15.5  |
| 10-14     | 0.0        | 0.0    | 0.0   | 6.7   | 6.3    | 12.9  | 0.0        | 0.0    | 0.0   | 6.7        | 6.3    | 12.9  |
| 15-19     | 0.0        | 0.0    | 0.0   | 5.7   | 4.5    | 10.2  | 0.0        | 0.0    | 0.0   | 5.7        | 4.5    | 10.2  |
| 20-24     | 0.0        | 0.0    | 0.0   | 5.1   | 3.7    | 8.8   | 0.0        | 0.2    | 0.2   | 5.1        | 3.9    | 9.0   |
| 25-29     | 0.0        | 0.0    | 0.0   | 3.3   | 3.1    | 6.5   | 0.0        | 0.8    | 0.8   | 3.3        | 3.9    | 7.3   |
| 30-34     | 0.0        | 0.0    | 0.0   | 4.7   | 2.7    | 7.5   | 0.0        | 0.8    | 0.8   | 4.7        | 3.5    | 9.2   |
| 35-39     | 0.0        | 0.0    | 0.0   | 3.5   | 2.0    | 5.5   | 0.0        | 0.0    | 0.0   | 3.5        | 2.0    | 5.5   |
| 40-44     | 0.0        | 0.0    | 0.0   | 1.0   | 1.6    | 2.5   | 0.0        | 0.0    | 0.0   | 1.0        | 1.6    | 2.5   |
| 45-49     | 0.0        | 0.0    | 0.0   | 1.6   | 1.6    | 3.1   | 0.0        | 0.0    | 0.0   | 1.6        | 1.6    | 3.1   |
| 50-54     | 0.0        | 0.0    | 0.0   | 1.6   | 1.4    | 2.9   | 0.0        | 0.0    | 0.0   | 1.6        | 1.4    | 2.9   |
| 55-59     | 0.0        | 0.0    | 0.0   | 1.2   | 0.8    | 2.0   | 0.0        | 0.0    | 0.0   | 1.2        | 0.8    | 2.0   |
| 60-64     | 0.0        | 0.0    | 0.0   | 0.8   | 0.0    | 0.8   | 0.0        | 0.0    | 0.0   | 0.8        | 0.0    | 0.8   |
| 65+       | 0.0        | 0.0    | 0.0   | 1.6   | 0.0    | 1.6   | 0.0        | 0.0    | 0.0   | 1.6        | 0.0    | 1.6   |

SOURCE: Bureau of Statistics, GNWT, 1986

ENROLMENT BY SEX AND GRADE  
 r School Years  
 1981 - 1986

TABLE 5

CLYDE RIVER

| Y E A R S |   | PRIMARY<br>K - 3 | INTERMEDIATE<br>4 - 6 | MIDDLE<br>7 - 9 | SENIOR<br>10 - 12 | T O T A L |
|-----------|---|------------------|-----------------------|-----------------|-------------------|-----------|
| 1981-82   | M | 46               | 32                    | 11              |                   | 89        |
|           | F | 42               | 22                    | 8               |                   | 72        |
|           | T | 88               | 54                    | 19              |                   | 161       |
| 1982-83   | M | 31               | 34                    | 7               |                   | 72        |
|           | F | 30               | 21                    | 6               |                   | 57        |
|           | T | 61               | 55                    | 13              |                   | 129       |
| 1983-84   | M | 43               | 42                    | 11              |                   | 78        |
|           | F | 37               | 33                    | 16              |                   | 70        |
|           | T | 80               | 75                    | 27              |                   | 148       |
| 1984-85   | M | 45               | 28                    | 17              |                   | 90        |
|           | F | 38               | 23                    | 7               |                   | 68        |
|           | T | 83               | 51                    | 24              |                   | 158       |
| 1985-86   | M | 42               | 33                    | 12              |                   | 87        |
|           | F | 34               | 28                    | 7               |                   | 68        |
|           | T | 76               | 61                    | 18              |                   | 155       |

SOURCE: Department of Education, GNWT, 1986

SCHOOL ATTENDANCE SUMMARY  
For School Years  
1981 - 1985

TABLE 6

CLYDE RIVER

| Y E A R S | Number of<br>Students<br>Enrolled | Percentage of non-<br>attendance due to<br>Land Days | Average percentage<br>of attendance |
|-----------|-----------------------------------|--|-------------------------------------|
| 1981 - 82 | 155                               | 0.6  | 79                                  |
| 1982 - 83 | 128                               | 2  | 77                                  |
| 1983 - 84 | 148                               | 1  | 80                                  |
| 1984 - 85 | 157                               | 2  | 80                                  |

SOURCE: Department of Education, GNWT, 1986

TABLE 7

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYDE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 2          | 30    |

SOURCE: Department of Education, GNWT, 1986

TABLE 8  
EDUCATION LEVELS, 15+ POPULATION, 1981  
 HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION<br>15 yrs+<br>Native | Other | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|---------------------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
| Arctic Bay   | 210                             | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220                             | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Fiord  | 60                              | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155                             | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370                             | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215                             | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230                            | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.

TABLE 9

revised: 87-02-11

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income <sup>0</sup> | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$224,000                       | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000                       | \$3,369,000  |
| Grise Fiord    | \$384,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100                        | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,811,000       | \$555,000        | \$79,000                        | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,698,000      | \$467,600                       | \$4,395,800  |
| Resolute Bay   | \$287,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000                       | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,320,500       | \$6,535,100      | \$1,306,700                     | \$21,185,800 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

<sup>0</sup> Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 10

## COMMUNITY INCOME BY SOURCE 1982

| Community    | PRIVATE SECTOR                     |                    |                   |                                   |                  |                           |                              |                                     |              |                |                |
|--------------|------------------------------------|--------------------|-------------------|-----------------------------------|------------------|---------------------------|------------------------------|-------------------------------------|--------------|----------------|----------------|
|              | PRIMARY SECTOR                     |                    |                   |                                   | SECONDARY SECTOR |                           |                              | TERTIARY SECTOR                     |              |                |                |
|              | Renewable Resource Harvests*       | Mining             | Oil & Gas         | Total                             | Arts & Crafts    | Construction              | Total                        | Retail                              | Tourism      | Other          | Total          |
| Arctic Bay   | \$111,700.00                       | \$213,500.00       | \$75,500.00       | \$600,700.00                      | \$30,000.00      | \$58,000.00               | \$88,000.00                  | \$122,000.00                        | \$44,400.00  | \$34,000.00    | \$270,400.00   |
| Clyde River  | \$74,000.00                        | \$84,000.00        | NA                | \$158,000.00                      | \$300,000.00     | \$163,000.00              | \$463,000.00                 | \$175,000.00                        | NA           | NA             | \$173,000.00   |
| Grise Fiord  | \$45,200.00                        | NA                 | NA                | \$45,200.00                       | \$20,000.00      | \$12,000.00               | \$32,000.00                  | \$60,000.00                         | \$41,000.00  | \$4,200.00     | \$105,200.00   |
| Nanisivik    | NA                                 | \$3,576,000.00     | NA                | \$3,576,000.00                    | NA               | NA                        | NA                           | \$65,000.00                         | NA           | \$170,000.00   | \$235,000.00   |
| Pond Inlet   | \$110,500.00                       | \$5,500.00         | \$490,000.00      | \$609,000.00                      | \$70,000.00      | \$100,000.00              | \$170,000.00                 | \$343,000.00                        | \$128,500.00 | \$128,700.00   | \$599,200.00   |
| Resolute Bay | \$55,100.00                        | NA                 | NA                | \$55,100.00                       | \$6,000.00       | \$20,000.00               | \$26,000.00                  | \$17,000.00                         | \$37,250.00  | \$2,425,000.00 | \$2,510,200.00 |
| TOTAL        | \$356,500.00                       | \$3,882,000.00     | \$765,500.00      | \$5,044,000.00                    | \$426,000.00     | \$362,000.00              | \$789,000.00                 | \$530,000.00                        | \$249,150.00 | \$2,762,900.00 | \$3,932,000.00 |
| Community    | PUBLIC SECTOR                      |                    |                   |                                   |                  |                           |                              |                                     |              |                |                |
|              | Gov't of the Northwest Territories |                    |                   |                                   | Federal Gov't    |                           |                              | Municipal Gov't                     |              |                |                |
|              | Total                              | All Sectors Income | Unearned Income @ | Imputed Value of Food Harvested + | Total Income     | Average Income per Capita | Average Income per Household | Average Earned Income per Household |              |                |                |
| Arctic Bay   | \$530,000.00                       | \$111,000.00       | \$320,000.00      | \$961,000.00                      | \$1,930,100.00   | \$224,000.00              | \$875,000.00                 | \$3,029,100.00                      | \$6,077.80   | \$43,272.66    | \$27,572.66    |
| Clyde River  | \$544,000.00                       | \$340,000.00       | \$356,000.00      | \$1,244,000.00                    | \$2,028,000.00   | \$375,000.00              | \$966,000.00                 | \$3,369,000.00                      | \$7,570.79   | \$42,112.50    | \$25,350.00    |
| Grise Fiord  | \$244,100.00                       | \$152,000.00       | \$47,000.00       | \$443,100.00                      | \$325,500.00     | \$57,100.00               | \$384,000.00                 | \$1,066,600.00                      | \$10,158.10  | \$13,330.00    | \$31,275.00    |
| Nanisivik    | \$235,000.00                       | \$260,000.00       | NA                | \$555,000.00                      | \$4,366,000.00   | \$79,000.00               | \$254,000.00                 | \$4,699,000.00                      | \$18,073.08  | \$67,128.57    | \$62,371.43    |
| Pond Inlet   | \$908,000.00                       | \$363,000.00       | \$429,000.00      | \$1,699,000.00                    | \$3,075,200.00   | \$457,600.00              | \$853,000.00                 | \$4,395,200.00                      | \$6,235.18   | \$35,166.40    | \$24,601.60    |
| Resolute Bay | \$360,000.00                       | \$1,269,000.00     | \$15,000.00       | \$1,644,000.00                    | \$4,235,300.00   | \$104,000.00              | \$287,000.00                 | \$4,626,300.00                      | \$27,213.53  | \$41,306.25    | \$37,815.18    |
| TOTAL        | \$2,879,100.00                     | \$2,495,000.00     | \$1,161,000.00    | \$6,535,100.00                    | \$16,260,100.00  | \$1,306,700.00            | \$3,619,000.00               | \$21,195,300.00                     | \$12,998.04  | \$47,052.76    | \$34,831.01    |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

@ Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.

+ Estimates based on ERIA's harvesting study, 1981

SOURCE: A Eaffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>p-<br>loyment | Unem-<br>p-<br>loyment | Unem-<br>p-<br>loyment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|----------------------|------------------------|--------------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)                | (no.)                  | (%)                            | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93                   | 26                     | 22                             | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115                  | 18                     | 14                             | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53                   | 3                      | 5                              | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59                   | -                      | -                              | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183                  | 60                     | 25                             | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40                   | 15                     | 27                             | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985



TABLE 12

INDUSTRY DIVISION AND CLASS OF WORKERS  
1981 CENSUS

| COMMUNITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|-------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Arctic Bay  | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Clyde River | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Grise Flord | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Nanisivik   | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Pond Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Resolute    | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL       | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. if there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining industry.

\*\* Employment with the renewable resources sector.

TABLE 13

## CERTIFIED JOURNEYMAN BY COMMUNITY

FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehouseman | Burner Mechanic | Industrial Electrician | Refrigeration: Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |    |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|-------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|----|
| NANISIVIK*   |           |                        | 6                   |                 |                                | 1                       |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 |       | 30 |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                         |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 |       | 2  |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                         |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 |       | 13 |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 8  |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                         |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 |       | 9  |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 7  |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                       | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               |       | 69 |

\* About 30% of certified journeymen from Nanisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
The data is based on home addresses given at the time of certification.  
Thus the particular journeyman may or may not be currently a resident of the community indicated.

TABLE 14

## TRAPPER INCOME BY COMMUNITY, LANCASTER SOUND REGION

Settlement: CLYDE RIVER

| Year      | Total<br>Number of<br>Trappers | Total No.<br>Trappers<br>Earning<br>Over \$400 | Total No.<br>Trappers<br>Earning<br>Over \$600 | # of Trappers Earning |                       |          | Total Income From<br>Trapping |                 | Average Trapper<br>Income |                 |
|-----------|--------------------------------|--|--|-----------------------|-----------------------|----------|-------------------------------|-----------------|---------------------------|-----------------|
|           |                                |  |  | \$400 to<br>\$1,000   | \$1,000 to<br>\$5,000 | \$5,000+ | Real<br>Dollars               | 1985<br>Dollars | Real<br>Dollars           | 1985<br>Dollars |
| 1973-1974 | 76                             | 37   | -  | 17                    | 17                    | 3        | \$54,831.00                   | \$132,092.86    | \$721.46                  | \$1,738.06      |
| 1974-1975 | 84                             | 74   | -  | 15                    | 57                    | 2        | \$101,995.00                  | \$221,773.74    | \$1,214.23                | \$2,640.16      |
| 1975-1976 | 83                             | 42   | -  | 22                    | 17                    | 3        | \$57,989.00                   | \$117,268.69    | \$698.66                  | \$1,412.88      |
| 1976-1977 | 81                             | 64   | -  | 24                    | 35                    | 5        | \$99,297.50                   | \$186,018.29    | \$1,225.90                | \$2,296.52      |
| 1977-1978 | 84                             | -  | 35   | 12                    | 23                    | -        | \$71,244.00                   | \$122,628.37    | \$848.14                  | \$1,459.86      |
| 1978-1979 | 80                             | -  | 44   | 15                    | 28                    | 1        | \$80,814.00                   | \$127,379.69    | \$1,010.18                | \$1,592.25      |
| 1979-1980 | 83                             | -  | 46   | 9                     | 33                    | 4        | \$94,109.00                   | \$134,653.15    | \$1,133.84                | \$1,622.33      |
| 1980-1981 | 90                             | -  | 46   | 16                    | 30                    | -        | \$82,320.00                   | \$104,711.04    | \$914.67                  | \$1,163.46      |
| 1981-1982 | 88                             | -  | 21   | 6                     | 15                    | -        | \$37,375.00                   | \$42,907.04     | \$424.72                  | \$487.58        |
| 1982-1983 | 63                             | -  | 21   | 11                    | 10                    | -        | \$34,657.50                   | \$37,614.62     | \$550.12                  | \$597.06        |
| 1983-1984 | 66                             | -  | 13   | 5                     | 7                     | 1        | \$32,104.00                   | \$33,390.26     | \$486.42                  | \$505.91        |
| 1984-1985 | 63                             | -  | 18   | 7                     | 11                    | -        | \$32,767.00                   | \$32,767.00     | \$520.11                  | \$520.11        |

SOURCE: Department of Renewable Resources, GNWT, 1986

TABLE 15  
WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: Clyde River

| SPECIES                    | TOTAL NO. HARVESTED | TOTAL EDIBLE MASS | TOTAL HARVESTED PER CAPITA | PER CAPITA EDIBLE WEIGHT | ESTIMATED MASS USED TO CALCULATE EDIBLE BIOMASS |
|----------------------------|---------------------|-------------------|----------------------------|--------------------------|---|
| Ringed Seal                | 3257                | 65140             | 6.73                       | 134.59                   | 20  |
| Polar Bear                 | 51                  | 8109              | 0.1                        | 16.75                    | 159   |
| Other Marine Mammals (ave) | 54                  | 5414              | 0.11                       | 11.18                    | 100.26  |
| Muskox                     | 0                   | 0                 | 0                          | 0                        | 0   |
| Arctic Hare                | 252                 | 504               | 0.52                       | 1.04                     | 2   |
| Caribou                    | 765                 | 36720             | 1.58                       | 75.87                    | 48  |
| Rock Ptarmigan             | 392                 | 247               | 0.81                       | 0.51                     | 0.63  |
| Waterfowl (ave)            | 609                 | 923               | 1.26                       | 1.91                     | 1.52  |
| Seabirds (ave)             | 15                  | 8                 | 0.03                       | 0.02                     | 0.53  |
| Char (anadromous)*         | 9914                | 19828             | 20.48                      | 40.97                    | 2   |
| Other Ocean Fish           | 2425                | 653               | 5.01                       | 1.35                     | 0.27  |
| Landlocked Char            | 54                  | 54                | 0.11                       | 0.11                     | 1   |
| Lake Trout                 | X                   | X                 | X                          | X                        | X   |
| Other Freshwater Fish      | X                   | X                 | X                          | X                        | X   |
| Whale ** (ave)             | 49                  | 24180             | 0.1                        | 49.95                    | 493.47  |
| TOTALS                     |                     | 161780            |                            | 334.25                   |   |

NOTES:

An "X" indicates that data for these species was not collected for this year.  
(ave) indicates that several species were included in this category.

\* Anadromous implies that fish were caught while ascending rivers to spawn.

\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 48 Narwal and 1 Beluga.

SOURCE: Wong, MP, Chemical Residues in Fish and Wildlife Species Harvested In Northern Canada, 1985.

TABLE 16

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&M EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&M |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&M     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,069          |
| Clyde River            | 632,226                         | 848,326                  | 304,502          | 1,765,054        | 135,994                           | 6,288          |                          | 142,262          | 1,927,336          |
| Grise Fiord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,468          |
| Hamletvik              | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,327          |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,975          |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 897,201          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,127          |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,302</b>  |

SOURCE: Department of Finance, GNWT, 1986

TABLE 17  
SOCIAL ASSISTANCE EXPENDITURES BY COMMUNITIES & REGIONS, 1980 - 1985

| COMMUNITY    |         | SA BY COMMUNITY<br>1980-85<br>(CALCULATED IN<br>1980 DOLLARS) | \$ SA<br>EXPENDITURES<br>(ACTUAL \$'s) | RECIP-<br>IENTS | AVERAGE \$/<br>RECIPIENT | TOTAL<br>CASES | AVERAGE<br>NO.<br>CASE/MONTH | AVERAGE<br>SA \$/CASE<br>(ACTUAL \$'s) |
|--------------|---------|---|--|-----------------|--------------------------|----------------|------------------------------|--|
| Arctic Bay   | 1980-81 | 44,081  | 44,081                                 | 43              | 1,025                    | 138            | 12                           | 319                                    |
|              | 1981-82 | 49,415  | 55,460                                 | 40              | 1,387                    | 158            | 13                           | 351                                    |
|              | 1982-83 | 40,574  | 50,030                                 | 34              | 1,471                    | 143            | 12                           | 350                                    |
|              | 1983-84 | 57,197  | 74,186                                 | 48              | 1,546                    | 192            | 16                           | 386                                    |
|              | 1984-85 | 49,135  | 66,309                                 | 38              | 1,761                    | 170            | 14                           | 390                                    |
| Clyde River  | 1980-81 | 103,606   | 103,606                                | 64              | 1,619                    | 266            | 22                           | 390                                    |
|              | 1981-82 | 120,142   | 134,839                                | 61              | 2,210                    | 335            | 28                           | 403                                    |
|              | 1982-83 | 128,788   | 158,801                                | 80              | 1,985                    | 412            | 32                           | 385                                    |
|              | 1983-84 | 142,264   | 184,519                                | 93              | 1,984                    | 435            | 36                           | 424                                    |
|              | 1984-85 | 134,706   | 181,790                                | 87              | 2,091                    | 437            | 36                           | 416                                    |
| Grise Fiord  | 1980-81 | 7,233   | 7,233                                  | 9               | 804                      | 30             | 3                            | 241                                    |
|              | 1981-82 | 12,662  | 14,211                                 | 19              | 748                      | 54             | 4                            | 263                                    |
|              | 1982-83 | 10,635  | 13,113                                 | 17              | 771                      | 57             | 5                            | 230                                    |
|              | 1983-84 | 24,766  | 32,122                                 | 29              | 1,108                    | 101            | 8                            | 318                                    |
|              | 1984-85 | 37,286  | 50,318                                 | 31              | 1,623                    | 148            | 12                           | 340                                    |
| Fond Inlet   | 1980-81 | 94,240  | 94,240                                 | 64              | 1,473                    | 246            | 21                           | 383                                    |
|              | 1981-82 | 84,638  | 94,992                                 | 60              | 1,583                    | 247            | 21                           | 385                                    |
|              | 1982-83 | 94,306  | 116,283                                | 75              | 1,550                    | 301            | 12                           | 386                                    |
|              | 1983-84 | 110,496   | 143,315                                | 93              | 1,541                    | 330            | 27                           | 434                                    |
|              | 1984-85 | 101,855   | 137,456                                | 79              | 1,727                    | 304            | 25                           | 452                                    |
| Resolute Bay | 1980-81 | 17,736  | 17,736                                 | 17              | 1,043                    | 60             | 5                            | 296                                    |
|              | 1981-82 | 13,073  | 14,672                                 | 13              | 1,129                    | 49             | 4                            | 299                                    |
|              | 1982-83 | 18,374  | 22,656                                 | 16              | 1,416                    | 59             | 5                            | 384                                    |
|              | 1983-84 | 24,223  | 31,418                                 | 24              | 1,309                    | 83             | 7                            | 379                                    |
|              | 1984-85 | 13,660  | 18,435                                 | 21              | 903                      | 54             | 5                            | 341                                    |

SOURCE: Report on the Social Assistance Program: 1980-1985, GNWT, Department of Services, Yellowknife, 1985

TABLE 18  
FOOD PRICE INDEXES, By Major Category and Selected Communities  
 Northwest Territories, June 1985  
 (Yellowknife = 100)

| Community   | All<br>Items | Meat | Fish | Dairy<br>& Eggs | Cereal<br>&<br>Bakery | Fruit | Vege-<br>tables | Sugar | Coffee<br>& Tea | Fats<br>& Oils | Non-<br>Alcoh.<br>Bev. | Other<br>Food<br>Items |
|-------------|--------------|------|------|-----------------|-----------------------|-------|-----------------|-------|-----------------|----------------|------------------------|------------------------|
| Arctic Bay  | 167          | 142  | 119  | 189             | 115                   | 212   | 214             | 157   | 101             | 168            | 150                    | 159                    |
| Clyde River | 166          | 160  | 127  | 167             | 137                   | 176   | 220             | 154   | 100             | 154            | 147                    | 154                    |
| Grise Fiord | 175          | 130  | 131  | 285             | 145                   | 143   | 190             | 175   | 118             | 192            | 174                    | 143                    |
| Nanisivik   | 163          | 151  | 109  | 201             | 128                   | 156   | 191             | 154   | 109             | 141            | 159                    | 163                    |
| Pond Inlet  | 162          | 142  | 119  | 195             | 113                   | 186   | 193             | 148   | 89              | 150            | 140                    | 181                    |
| Resolute    | 163          | 149  | 116  | 196             | 158                   | 143   | 163             | 150   | 136             | 148            | 219                    | 159                    |

SOURCE: GNWT, Bureau of Statistics, 1985.

FIGURE 1  
**CLYDE RIVER, 1985**

Population By Age, Sex and Ethnicity

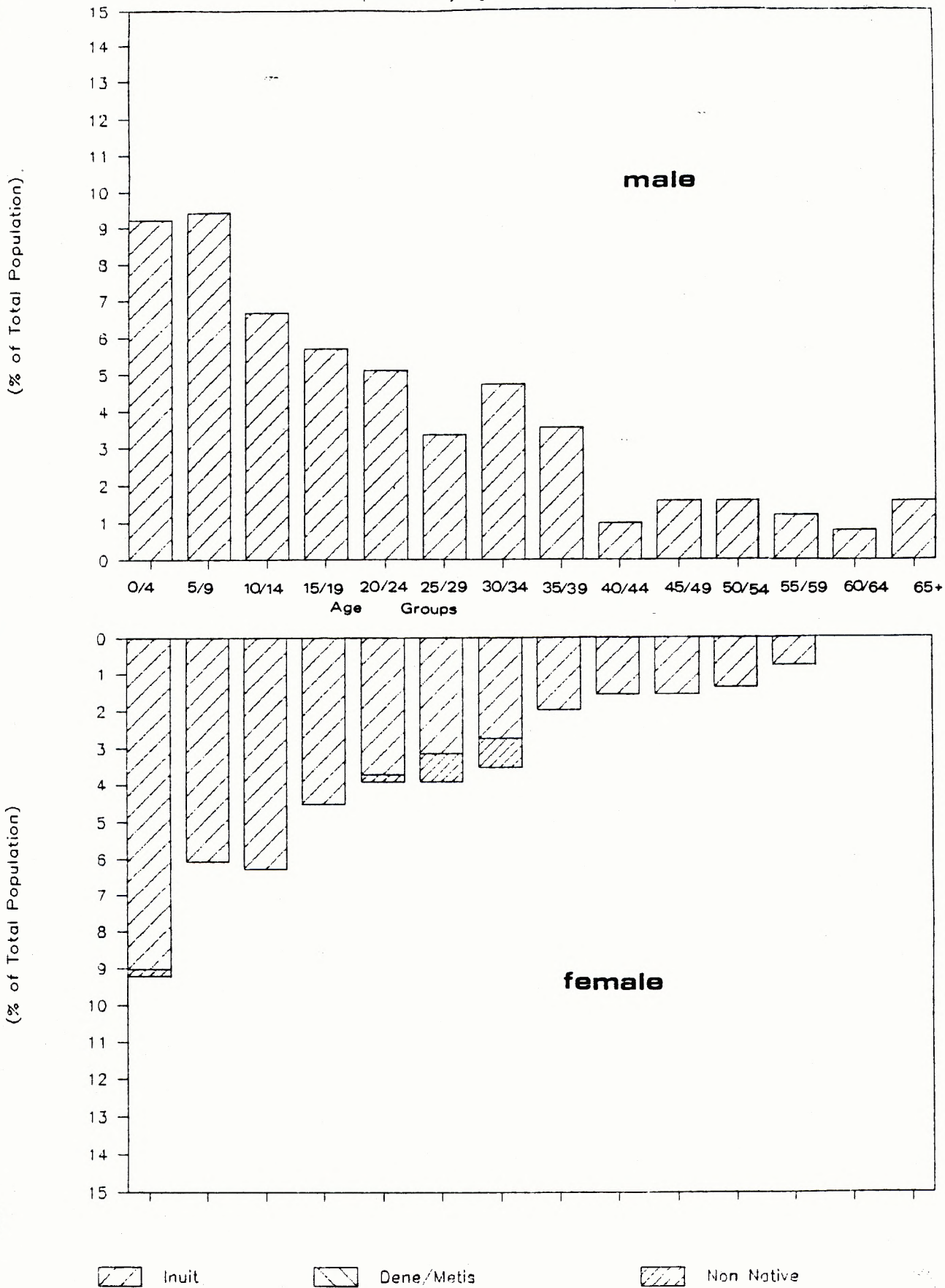
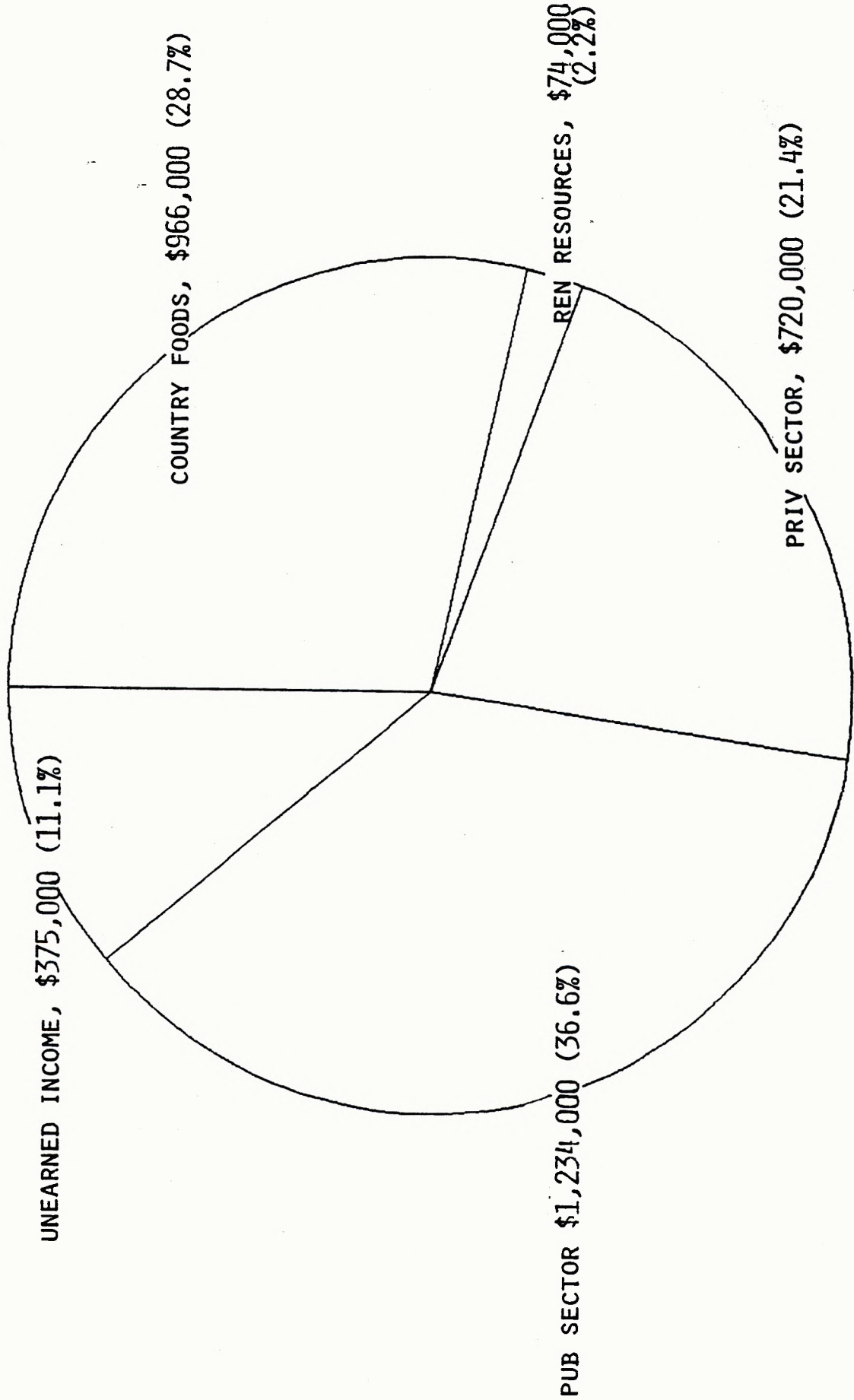




FIGURE 2

# CLYDE RIVER

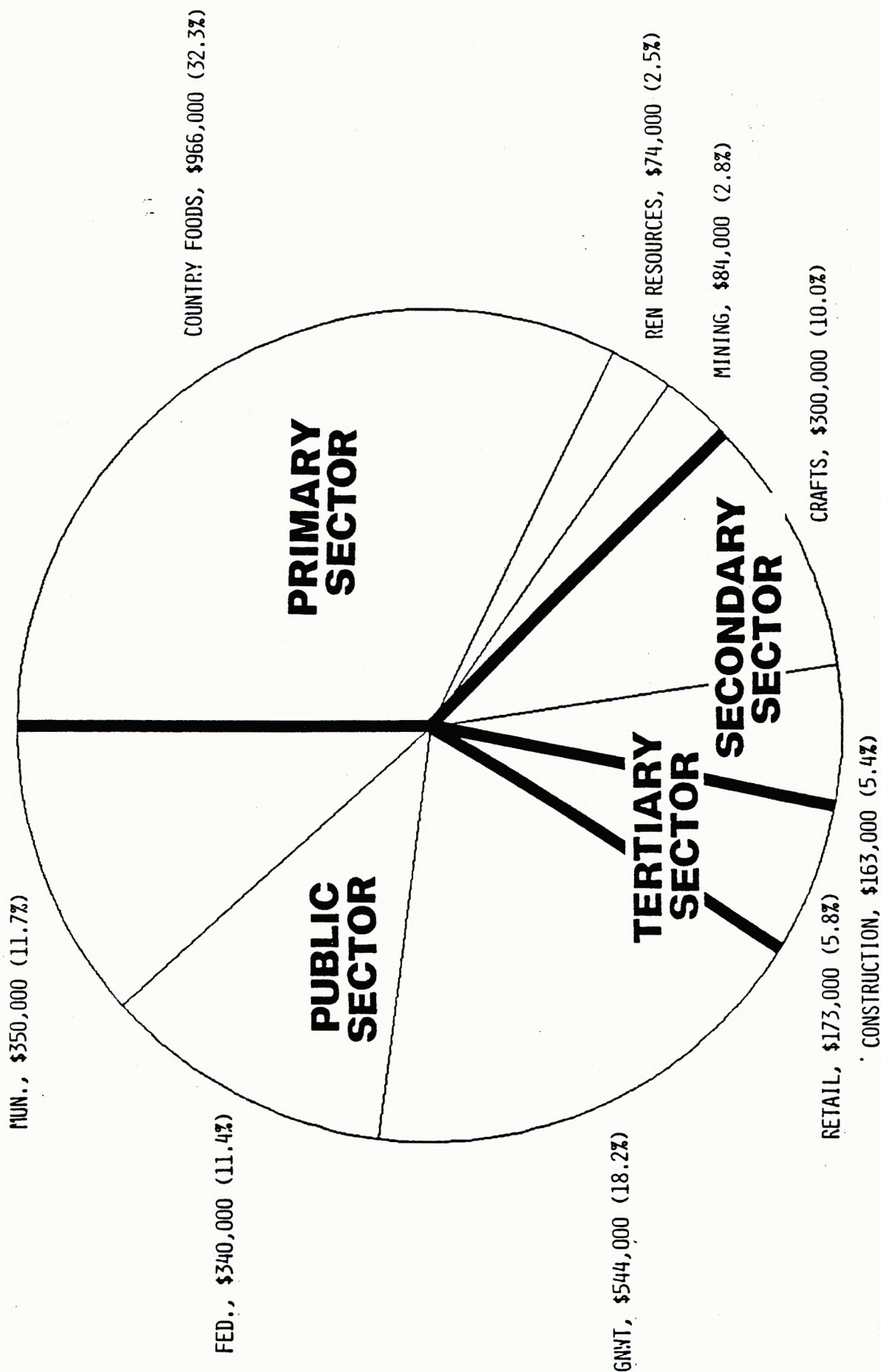
ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982



Source: GNWT, Department of Economic Development and Tourism. Baffin Region Economic Baseline Study, 1984.

FIGURE 3

# CLYDE RIVER INCOME BY SOURCE AND IMPUTED VALUE OF COUNTRY FOODS, 1982

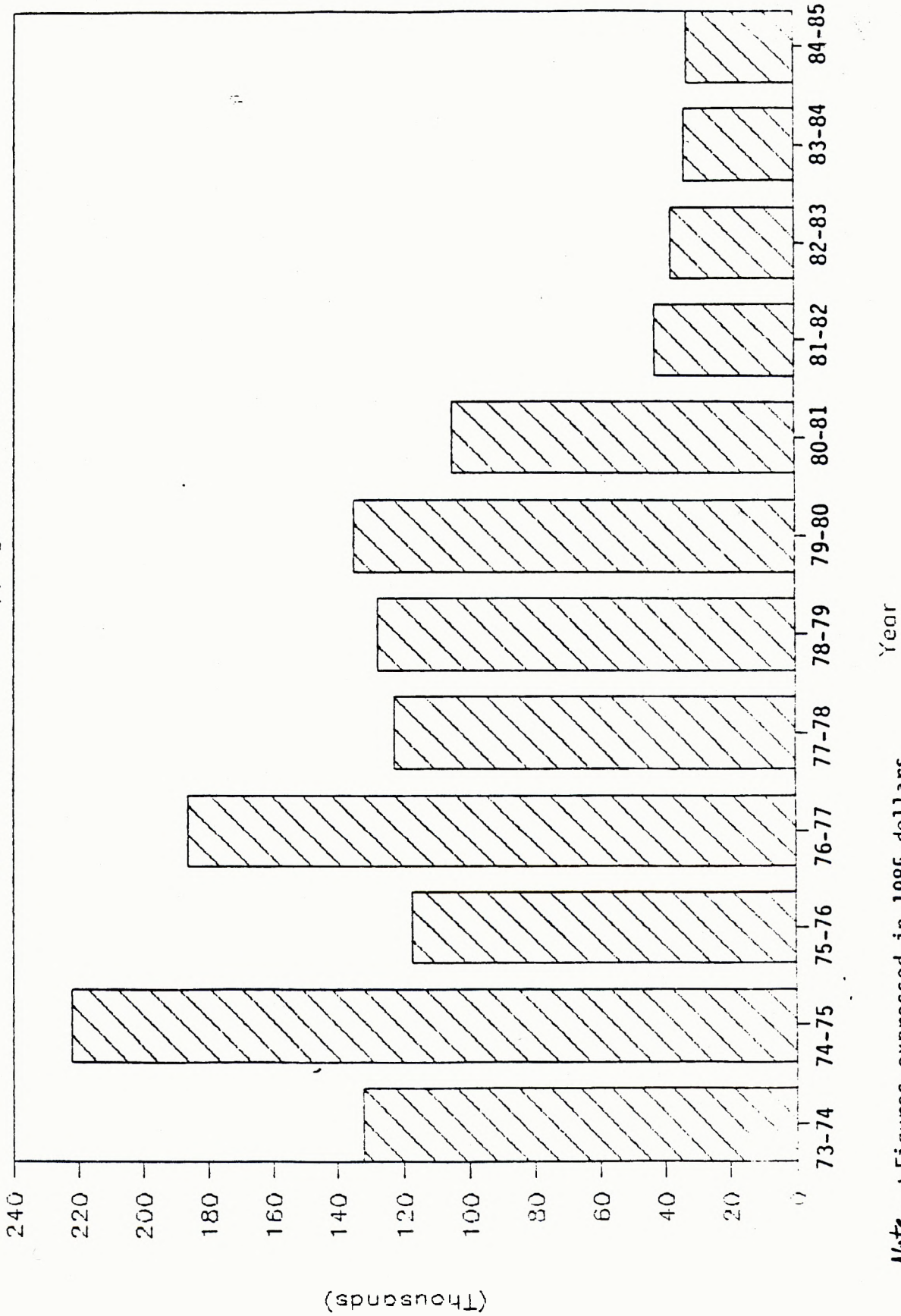


Source: GNWT Department of Economic Development and Tourism,  
A Baffin Region Economic Baseline Study, 1984.

# CLYDE RIVER

FIGURE 4

Total Income From Trapping, 1973-1985



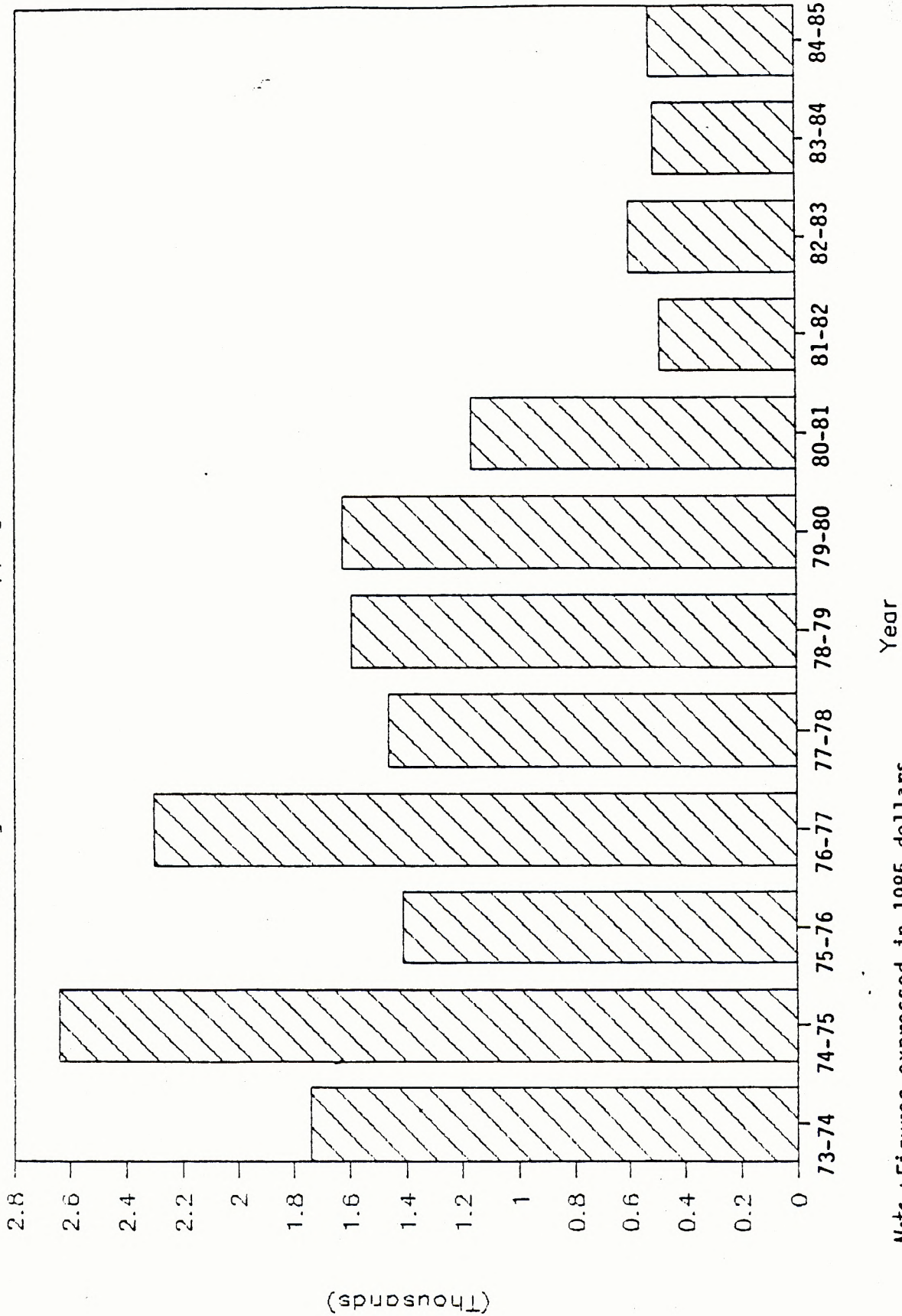
Note: Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNNT, 1985

# CLYDE RIVER

FIGURE 5

Average Income From Trapping, 1973-1985



Note: Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GIMT, 1986



LANCASTER SOUND  
COMMUNITY PROFILE

GRISE FIORD

Prepared by:

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Northern Land Use Planning Office

February 1987

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AUJUITTUQ  
GRISE FIORD

1. INTRODUCTION

This community profile is organized into three sections:

1. a short section describing history, human resources, economy and future prospects;
2. a section containing figures which illustrate historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which provide the data used to prepare the graphics and text.

In describing the social and economic makeup of the community, this profile will help the people of the community focus on where they have come from, where they are now, and where they are going. This profile is meant to help the community identify opportunities and constraints to development. The community can develop a vision of where it wants to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

2. HISTORY

Around the southern coast of Ellesmere Island where Grise Fiord is located, there is evidence of very ancient occupation of the area. Ruins of the later Thule culture have been found in the vicinity of the present settlement location. Like Resolute Bay, it is a government sponsored settlement. The present settlement was formed by the relocation of the R.C.M.P. post from Craig Harbour. In 1953 as a result of the federal government's effort to alleviate poor economic conditions among Inuit and to bolster Canadian sovereignty over the Arctic island, several families were moved from Port Harrison, Quebec.

Later on a few families from Pond Inlet joined the others (Kemp et al, 1977). Favourable reports of hunting later encouraged other Inuit families from Port Harrison, Pond Inlet, Pangnirtung and Arctic Bay to migrate to Grise Fiord (Riewe, 1976).

Grise Fiord, which means "Pig Fiord" in Norwegian, was named by the explorer Otto Svernum. The Inuit established a co-op in 1960 and the school was established two years later.

Grise Fiord is Canada's most northerly community, and is situated in a game-rich area from which the residents derive their living. The area is rated as the most beautiful spot in the North.



### 3. HUMAN RESOURCES

#### 3.1 Demography

Grise Fiord's population rose from 70 in 1961 to 113 in 1986 (Statistics Canada, Census years). During the past 25 years the community grew by about 61 percent. During the same period, the average annual rate of growth was about 6 percent. The highest growth rate occurred between 1961 and 1966. Between 1976 and 1981 the population in the community declined by over 12 percent. Thus, the population between 1971 and 1981 did not change, i.e. remained the same.

The decline in population between 1976-81 is largely due to out-migration of young and older people to their original home communities. The younger people left in search for more suitable employment which was not available in the community. The projected population of the community for the year 2000 is about 200 people, which amounts to about a 3 percent of annual rate of growth.

Detailed population data for the community are somewhat dated, being based on the 1981 Census. The data reveal that the community is very youthful with 67 percent of the population under the age of 24; 38 percent under the age of 14; 24 percent between the ages of 25-34; 14 percent between the ages of 35-54, and only 4 percent are 65 and older. The projection to year 2000 indicates that the population will remain relatively youthful, but there will be an increase in the number of people in the ages of 25-54 and a decrease in the 65 and older.

In 1981, the community had about 52 percent males and 48 percent females. This difference in sexes is estimated to increase by the year 2000. That is, it is expected that there will be more males (56%) than females.

The majority of the residents are Inuit (95% in 1981), and the remainder are English-speaking, government, education or service industry employees. It is estimated that by the year 2000 the ratio of Inuit to non-native will still remain the same.

The large proportion of population under the age of 24 could produce problems for the community as they enter the labour force. Since there are few opportunities for expansion in the existing economy, if new fields of endeavour are not developed, the younger members of the community will be forced to leave in search of employment. In order to keep its young people from leaving, the community must seek to expand its economy.

### 3.2 Education

The community has a modern school which provides education from kindergarten to grade 8. In 1985-86, it had an enrollment of 30 students. Over the last 5 years the enrollment did not fluctuate significantly, it usually ranged between 25 to 30 students. The lowest enrollment was in 1984-85 with 25 students. During the last 5 years between 36-50 percent of enrollment was in the primary grades (K-3), while enrollment in the intermediate grades (4-6) was between 24-51 percent. The least enrollment occurred in the middle grades (10-23%), except that in 1984-85 about 40% of enrollment was in grades 7 and 8.

The average percentage of attendance was relatively high, ranging from 63-73 percent from 1981-85. During the last 5 years the attendance rate remained quite stable at the 72-73 percent level except that it dropped considerably to 63 percent in the 1983-84 school year. The percentage of non-attendance due to land days was quite low ranging from 1 percent to 3 percent. In the years that the non-attendance due to land days was high the average attendance was also low, and the vice versa is true. It appears that there is some relationship between an increase in land days and attendance. However, the non-attendance at school cannot be totally explained by participation in renewable resources harvesting. Thus, the poor attendance at school must also be linked to other reasons than non-attendance due to land days.

Students who wish to go to high school (grades 9-12) must go to Iqaluit. The number of students that were enrolled in high school is not known. However, the data shows that between 1976 and 1985 only 3 students graduated from high school (grade 12). Thus, the development of business enterprises may further be hampered by the lack of formal education or skill development.

Statistics Canada's 1981 Census indicates that about 77 percent of the working age population (15-64) had less than grade 9 education (31 percent had no schooling); 15 percent had more than grade 9 education and 15 percent had received a trade diploma. There appears to be a very high drop out rate for students from grades 9 through 12.

Vocational and continuing education are provided in Iqaluit through the Arctic College, and thus are not available in the community.

## 4. ECONOMY

### 4.1 Introduction

The economy in Grise Fiord can be broken down into three major categories that include the public, private and renewable resources sectors. The public sector includes income from the territorial, federal and municipal governments. The private sector is made up of the local co-op. The third category includes income from sale of raw renewable resources such as fish, meat and furs, as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

The proportion of income from different sectors based on the 1982 data provided by the G.N.W.T. (1984) was: 22 percent from the private sector, 71 percent from the public sector (excluding the transfer of payments) and 7 percent from renewable resources (excluding the value of country food).

The economy in Grise Fiord is by enlarge characterized as a subsistence economy with a high dependence on government assistance.

According to the 1981 Census, there were 65 people at the working age (15-64), but only 35 people were employed during the year. The majority of the people were employed by the service industry. The 1984 labour force survey of G.N.W.T.'s Bureau of Statistics indicated that the unemployment rate was only 5 percent (53 people employed) out of a labour force of 57 people, and that the participation rate was 69 percent. Most of the people were employed on a part-time and/or seasonal basis. From 1970 to July 1986, 2 people from Grise Fiord have received Journeyman certification.

The income per capita, excluding imputed value of country food, was about \$6,500 for 1982. If we include the estimated imputed value of country food, the income per capita increased to about \$10,000. Therefore, about 54 percent of the per capita income came from the value of country food.

### 4.2 Renewable Resources

Grise Fiord and its surrounding area is rich in game and fish. The local residents have relied on seal, beluga, polar bear and caribou for meat and have used muskox, fish (char), ducks, geese and ptarmigan to supplement their diet. An accurate estimate of the total edible weight of the harvest is not available. However, according to BRIA's (1982) harvesting study the value of country food was about \$384,000 for 1982

which is about 36 percent of the total community income. This value was based on 35,000 kgs of edible weight. The per capita edible weight was 330 kgs, and thus the per capita value was over \$3,600.

Based on the above per capita meat production, the protein content of this harvest will exceed the required "adequate" diet, as defined by Health and Welfare Canada (Science Advisory Board, 1980). Therefore, with the addition of other wildlife to their diet, the community is more than self sufficient in protein content from wildlife alone.

Income from fur production fluctuated considerably during the last 20 years, and also the number of registered trappers. The highest income from furs was reported for the 1978-79 season, when 22 trappers reported about \$68,000 (1985 dollars). The lowest reported income was for the 1982-83 season, when 14 trappers had about \$3,000 in income. Most of the trappers earned very little income. For example, in the 1984-85 season, out of 17 trappers, only 3 trappers earned more than \$600. Actually, these trappers earned between \$1,000-\$5,000. Thus, 14 trappers earned less than \$600. The decline in earnings is mainly due to low prices for fur products. It appears that protest by animal right groups had a drastic effect on prices, in particular on seal skins. Today seal skins are primarily used in production of various handicrafts and clothing. The decline in fur prices probably also affected the willingness of trappers to engage in fur production, consequently the number of trappers had dropped considerably from a high of 37 in 1976-77 to a low of 14 trappers in the 1982-83 trapping season.

The engagement in the harvesting activities in Grise Fiord is characterized by the high participation rate by most of the residents throughout the year on a largely part-time basis. Most of the income from wages and from other sources is used to purchase the means of production for harvesting activities. Wildlife harvesting, e.g. fishing, hunting and trapping, is not only a cultural activity but as well a need to acquire the needed staple food for survival.

#### 4.3 Public Sector

The public sector includes employment and income with the settlement council, nursing station, the school and the territorial government. In 1982, the total income from the public sector was about \$443,000, which is about 71 percent of the total community's earned cash income (excluding transfer of payments). The public sector, apart from being the major contributor to the local cash economy, also provides many essential services free of charge or at a very low cost, such as

housing which is not included in the above income. The public sector also provides business opportunity to the local co-op and thus to many residents, through contracts for goods and services.

During the 1985-86 fiscal year, the G.N.W.T. alone spent about \$249,000 in salaries and wages; about \$91,000 in grants and contributions; about \$226,000 in operation and maintenance and about \$852,000 on building and equipment. For the same period, the G.N.W.T.'s total contribution to the local economy was about \$1.4 million (O&M and capital expenditures).

Transfer of payments are also an important additional cash income for many residents. These transfers from the federal and territorial governments accounted for over 8 percent of the total community's cash income in 1982. In 1984-85, 31 people received social assistance at an average of \$1,623 per recipient. During the last 5 years the number of recipients has increased drastically from 9 people in 1980-81 to 31 people in 1984-85. Thus, in 1984-85 about 37 percent of the working age population received social assistance. The amount per person has doubled since 1980-81 from \$804 to \$1,623 in 1984-85.

The federal transfer of payments were given in the form of family allowance, old age security, unemployment insurance and guaranteed income supplement to pensioners only. It is not known how many people received these payments, but in 1982 about \$42,000 was distributed in the community to those that were qualified to receive these payments.

#### 4.4 Private Sector

In Grise Fiord the local co-op organization, one outfitter and the local Hunters and Trappers Association (H.T.A.) constitute the private sector that provides employment and income to many residents. The co-op provides general services to the settlement such as construction, retail merchandising, outfitting, handicrafts and operates the local lodge. The local H.T.A. markets the big game sport hunts (muskox and polar bear).

The private sector contributed about \$137,000 in 1982 towards the community's cash income. Within this sector, the majority of income came from retail (44%), tourism (30%) and arts and crafts (15%).

Tourism and the related service activities can be the most promising factor for the future development. In 1982 tourism contributed to many seasonal jobs and increased the sales of handicrafts. For the same period tourists contributed about

\$100,000 to the local lodge revenues, and sport-hunting for polar bear and muskox brought in over \$50,000. Thus, the expansion of the tourism industry can further enhance the required cash income to sustain the well being of the community. With the establishment and development of the new Ellesmere Island National Park new job and business opportunities for the community may be forthcoming. However, any new jobs may require a lengthy separation from families as these jobs will be available outside the community. Thus, it could limit interest, and hence, continuity in establishing another source of community income.

#### 4.5 Cost of Living

The cost of living in 1983 was about 90-99 percent higher than in Montreal. This is mainly due to its remoteness and the high cost of transportation. Fresh produce and perishable items must be flown in from Montreal via Iqaluit and Resolute Bay or flown from Edmonton via Resolute Bay.

The 1985 food price survey of G.N.W.T., Bureau of Statistics, shows that food prices for all items were about 75 percent higher than Yellowknife. The highest costs were for dairy and eggs (185%), fats and oils (92%), vegetables (90%), sugar (75%) and non-alcoholic beverages (74%). Therefore, if local residents have to spend their cash income on the above items, their actual earnings will be greatly diminished.

#### 5. FUTURE PROSPECTS

Currently, the local economy is of a mixed character; some people work for wages and use a portion of the income from such work to purchase capital goods needed for a land-based lifestyle. Even though a shift towards increased industrial employment is unlikely due to the lack of economic opportunities, expectations are rising, and more people are becoming interested in working for wages. However, the way of life involving renewable resource harvesting as a cash income and as a source of food will continue to be a strong factor in the community in the future. Harvest of wildlife for food by-and-large does not show up in terms of cash income and is often difficult to measure directly. A basic concern that needs to be addressed is the level of harvest of different wildlife species that can be sustained without depleting the resource. A depletion of the resource could have a negative effect in the loss of country food as a food source, as well as the scarcity of animals could frustrate tourists who wish to view animals in their natural habitat close to the community.

Income from government sources is a very important part of the economy of Grise Fiord and will likely continue to be of major significance. However, its importance to the economy as a whole may be reduced through efforts to expand other parts of the economy.

Tourism could generate more jobs and cash income for the residents of Grise Fiord. The community has a number of drawing cards to attract tourists seeking a traditional Arctic experience. The area offers beautiful scenery and is rich in wildlife. In addition, the people of the community lead a relatively traditional lifestyle, making it attractive to tourists who want to experience a unique culture. With proper marketing the community might be able to increase the importance of tourism.

Traditional hunting and trapping pursuits will probably continue to play a large role in the economic and cultural life of the community. An upturn in the price of fur would increase the cash value of hunting and trapping. The value of hunting and trapping to the community cannot be overestimated. A policy of managing the land, the sea, fish and game will ensure Grise Fiord's continuing ability to use these essential resources in the future.

TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

| Community    | 1961 - 2005       |                   |                   |                   |                   |                   |                         |                   |                   |                   |                         |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|-------------------------|
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | Historic Records  |                   |                   |                   | Estimated and Projected |                   |                   |                   | % Increase<br>1961-1986 |
|              |                   |                   | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup>       | 1995 <sup>2</sup> | 2000 <sup>2</sup> | 2005 <sup>2</sup> |                         |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504                     | 591               | 681               | 782               | 961                     |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586                     | 673               | 756               | 841               | 1163                    |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162                     | 190               | 210               | 224               | 61                      |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325                     | 367               | 406               | 430               | N/A                     |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939                     | 1063              | 1186              | 1332              | 1483                    |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188                     | 212               | 236               | 262               | 19                      |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704                    | 3096              | 3475              | 3871              | 638                     |

Sources: <sup>1</sup> Statistics Canada, census data

<sup>2</sup> GNWT, Bureau of Statistics



POPULATION BY ETHNIC ORIGIN  
AGE AND SEX FOR CENSUS YEARS

AND PROJECTIONS

COMMUNITY: GRISE FIOR

TABLE 2

| Year   | Ethnicity  | Sex | All Ages | %     | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |
|--------|------------|-----|----------|-------|-----|------|-------|-------|-------|-------|-----|
| 1976** | ALL GROUPS | M   | 65       | 54.0  | 5   | 20   | 15    | 5     | 10    | 5     | 5   |
|        |            | F   | 55       | 46.0  | 5   | 15   | 20    | 5     | 10    | --    | --  |
|        |            | T   | 120      | 100.0 | 10  | 35   | 35    | 10    | 20    | 5     | 5   |
| 1981** | ALL GROUPS | M   | 55       | 52.0  | 10  | 15   | 10    | 15    | 10    | --    | 5   |
|        |            | F   | 50       | 48.0  | 5   | 10   | 20    | 10    | 5     | --    | --  |
|        |            | T   | 105      | 100.0 | 15  | 25   | 30    | 25    | 15    | --    | 5   |
|        | OENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT      | M   | 50       | --    | 10  | 15   | 10    | 10    | 10    | --    | 5   |
|        |            | F   | 50       | --    | 5   | 10   | 20    | 10    | 5     | --    | --  |
|        |            | T   | 100      | 95.0  | 15  | 25   | 30    | 30    | 15    | --    | 5   |
|        | NON NATIVE | M   | 3        | --    | 1   | --   | --    | 2     | --    | --    | --  |
|        |            | F   | 2        | --    | --  | --   | --    | 2     | --    | --    | --  |
|        |            | T   | 5        | 5.0   | 1   | --   | --    | 4     | --    | --    | --  |
| 1985*  | ALL GROUPS | M   | 75       | 57.0  | 16  | 14   | 13    | 14    | 11    | 3     | 4   |
|        |            | F   | 56       | 43.0  | 5   | 8    | 10    | 16    | 8     | --    | --  |
|        |            | T   | 131      | 100.0 | 21  | 22   | 32    | 30    | 19    | 3     | 4   |
|        | OENE/METIS | M   | 4        | --    | 4   | --   | --    | --    | --    | --    | --  |
|        |            | F   | 2        | --    | 2   | --   | --    | --    | --    | --    | --  |
|        |            | T   | 6        | 4.5   | 6   | --   | --    | --    | --    | --    | --  |
|        | INUIT      | M   | 67       | --    | 11  | 14   | 13    | 12    | 10    | 2     | 4   |
|        |            | F   | 52       | --    | 3   | 8    | 19    | 14    | 8     | --    | --  |
|        |            | T   | 119      | 91.0  | 14  | 22   | 32    | 26    | 18    | 3     | 4   |
|        | NON NATIVE | M   | 4        | --    | 1   | --   | --    | 2     | 1     | --    | --  |
|        |            | F   | 2        | --    | --  | --   | --    | 2     | --    | --    | --  |
|        |            | T   | 6        | 4.5   | 1   | --   | --    | 4     | 1     | --    | --  |
| 1990*  | ALL GROUPS | M   | 91       | 56.0  | 18  | 25   | 12    | 13    | 12    | 8     | 3   |
|        |            | F   | 71       | 44.0  | 15  | 9    | 12    | 21    | 14    | --    | --  |
|        |            | T   | 162      | 100.0 | 33  | 34   | 24    | 34    | 26    | 8     | 3   |
|        | OENE/METIS | M   | 4        | --    | --  | 4    | --    | --    | --    | --    | --  |
|        |            | F   | 2        | --    | --  | 2    | --    | --    | --    | --    | --  |
|        |            | T   | 6        | 4.0   | --  | 6    | --    | --    | --    | --    | --  |
|        | INUIT      | M   | 83       | --    | 17  | 21   | 12    | 11    | 11    | 8     | 3   |
|        |            | F   | 67       | --    | 15  | 7    | 12    | 19    | 14    | --    | --  |
|        |            | T   | 150      | 92.0  | 32  | 28   | 24    | 30    | 25    | 8     | 3   |
|        | NON NATIVE | M   | 4        | --    | 1   | --   | --    | 2     | 1     | --    | --  |
|        |            | F   | 2        | --    | --  | --   | --    | 2     | --    | --    | --  |
|        |            | T   | 6        | 4.0   | 1   | --   | --    | 4     | 1     | --    | --  |

\* Estimated and projected based on zero growth due migration.

\*\* Based on Statistics Canada Census.

PRELIMINARY POPULATION PROJECTIONS

Next planned update: Sept 1986

36 May 8

GOVERNMENT OF THE NORTHWEST TERRITORIES  
BUREAU OF STATISTICS

Page 1

PRELIMINARY POPULATION PROJECTIONS

POPULATION BY AGE BY ETHNICITY BY SEX

Base year : 1985 June  
Fertility/Mortality Rates : Model 2  
Growth due to migration : 0

SETTLEMENT/REGION : Grise Fiord

| June       | Group      | Sex | All Ages | Age Groups |     |       |       |       |       |       |       |       |       |       |       |       |
|------------|------------|-----|----------|------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            |            |     |          | 0-4        | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 |
| 1985       | All Groups | T   | 131      | 21         | 14  | 8     | 16    | 16    | 15    | 15    | 7     |       |       |       |       |       |
|            |            | F   | 75       | 16         | 10  | 4     | 8     | 8     | 9     | 7     | 4     |       |       |       |       |       |
|            | Dene/Metis | T   | 6        | 6          |     |       |       |       |       |       |       |       |       |       |       |       |
|            |            | F   | 2        | 2          |     |       |       |       |       |       |       |       |       |       |       |       |
| Inuit      | T          | 119 | 14       | 14         | 8   | 16    | 16    | 14    | 12    | 6     |       |       |       |       |       |       |
|            | F          | 67  | 11       | 10         | 4   | 8     | 8     | 8     | 6     | 6     |       |       |       |       |       |       |
| Non Native | T          | 6   | 1        |            |     |       |       | 1     |       | 1     |       |       |       |       |       |       |
|            | F          | 2   |          |            |     |       |       | 1     |       | 1     |       |       |       |       |       |       |
| 1990       | All Groups | T   | 162      | 33         | 20  | 14    | 8     | 16    | 17    | 17    | 12    | 7     |       |       |       |       |
|            |            | F   | 91       | 18         | 15  | 10    | 4     | 8     | 9     | 8     | 6     |       |       |       |       |       |
|            | Dene/Metis | T   | 6        |            | 6   |       |       |       |       |       |       |       |       |       |       |       |
|            |            | F   | 4        |            | 2   |       |       |       |       |       |       |       |       |       |       |       |
| Inuit      | T          | 150 | 32       | 14         | 14  | 8     | 16    | 16    | 14    | 12    | 6     |       |       |       |       |       |
|            | F          | 83  | 17       | 11         | 10  | 4     | 8     | 8     | 6     | 6     |       |       |       |       |       |       |
| Non Native | T          | 6   | 1        |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
|            | F          | 2   |          |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
| 1995       | All Groups | T   | 190      | 30         | 32  | 20    | 14    | 8     | 17    | 19    | 14    | 12    | 7     |       |       |       |
|            |            | F   | 105      | 16         | 17  | 15    | 10    | 4     | 4     | 7     | 8     | 6     | 4     |       |       |       |
|            | Dene/Metis | T   | 6        |            |     | 6     |       |       |       |       |       |       |       |       |       |       |
|            |            | F   | 4        |            |     | 2     |       |       |       |       |       |       |       |       |       |       |
| Inuit      | T          | 178 | 29       | 32         | 14  | 14    | 8     | 16    | 16    | 14    | 12    | 6     |       |       |       |       |
|            | F          | 97  | 15       | 17         | 11  | 10    | 4     | 8     | 8     | 6     | 6     | 6     |       |       |       |       |
| Non Native | T          | 6   | 1        |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
|            | F          | 2   |          |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
| 2000       | All Groups | T   | 210      | 23         | 23  | 32    | 20    | 14    | 9     | 19    | 16    | 14    | 12    | 7     |       |       |
|            |            | F   | 110      | 13         | 15  | 17    | 15    | 10    | 4     | 5     | 9     | 11    | 6     | 6     |       |       |
|            | Dene/Metis | T   | 6        |            |     |       |       |       |       |       |       |       |       |       |       |       |
|            |            | F   | 2        |            |     |       |       |       |       |       |       |       |       |       |       |       |
| Inuit      | T          | 198 | 22       | 29         | 32  | 14    | 14    | 8     | 16    | 16    | 14    | 12    | 6     |       |       |       |
|            | F          | 107 | 12       | 15         | 17  | 11    | 10    | 4     | 4     | 6     | 6     | 6     | 6     |       |       |       |
| Non Native | T          | 6   | 1        |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
|            | F          | 2   |          |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
| 2005       | All Groups | T   | 224      | 21         | 22  | 27    | 31    | 20    | 15    | 11    | 16    | 16    | 14    | 12    | 7     |       |
|            |            | F   | 120      | 11         | 12  | 14    | 16    | 15    | 10    | 5     | 6     | 8     | 6     | 6     | 6     |       |
|            | Dene/Metis | T   | 6        |            |     |       |       |       |       |       |       |       |       |       |       |       |
|            |            | F   | 4        |            |     |       |       |       |       |       |       |       |       |       |       |       |
| Inuit      | T          | 212 | 20       | 22         | 27  | 31    | 14    | 14    | 8     | 16    | 16    | 14    | 12    | 6     |       |       |
|            | F          | 112 | 10       | 12         | 14  | 16    | 11    | 10    | 4     | 4     | 6     | 6     | 6     | 6     |       |       |
| Non Native | T          | 6   | 1        |            |     |       |       | 1     |       |       |       |       |       |       |       |       |
|            | F          | 2   |          |            |     |       |       | 1     |       |       |       |       |       |       |       |       |

SOURCE: Bureau of Statistics, GNWT, 1986

TABLE 4

POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
SETTLEMENT/REGION: GRISE FIORD

## Raw Population Statistics:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 4          | 2      | 6     | 11    | 3      | 14    | 1          | 0      | 1     | 16         | 5      | 21    |
| 5-9       | 0          | 0      | 0     | 10    | 4      | 14    | 0          | 0      | 0     | 10         | 4      | 14    |
| 10-14     | 0          | 0      | 0     | 4     | 4      | 8     | 0          | 0      | 0     | 4          | 4      | 8     |
| 15-19     | 0          | 0      | 0     | 8     | 8      | 16    | 0          | 0      | 0     | 8          | 8      | 16    |
| 20-24     | 0          | 0      | 0     | 5     | 11     | 16    | 0          | 0      | 0     | 5          | 11     | 16    |
| 25-29     | 0          | 0      | 0     | 6     | 8      | 14    | 0          | 1      | 1     | 6          | 9      | 15    |
| 30-34     | 0          | 0      | 0     | 6     | 6      | 12    | 2          | 1      | 3     | 8          | 7      | 15    |
| 35-39     | 0          | 0      | 0     | 3     | 3      | 6     | 1          | 0      | 1     | 4          | 3      | 7     |
| 40-44     | 0          | 0      | 0     | 0     | 2      | 2     | 0          | 0      | 0     | 0          | 2      | 2     |
| 45-49     | 0          | 0      | 0     | 2     | 3      | 5     | 0          | 0      | 0     | 2          | 3      | 5     |
| 50-54     | 0          | 0      | 0     | 5     | 0      | 5     | 0          | 0      | 0     | 5          | 0      | 5     |
| 55-59     | 0          | 0      | 0     | 3     | 0      | 3     | 0          | 0      | 0     | 3          | 0      | 3     |
| 60-64     | 0          | 0      | 0     | 0     | 0      | 0     | 0          | 0      | 0     | 0          | 0      | 0     |
| 65+       | 0          | 0      | 0     | 4     | 0      | 4     | 0          | 0      | 0     | 4          | 0      | 4     |

Total Population: 131

## Population By Percentages:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 3.1        | 1.5    | 4.6   | 8.4   | 2.3    | 10.7  | 0.8        | 0.0    | 0.8   | 12.2       | 3.8    | 16.0  |
| 5-9       | 0.0        | 0.0    | 0.0   | 7.6   | 3.1    | 10.7  | 0.0        | 0.0    | 0.0   | 7.6        | 3.1    | 10.7  |
| 10-14     | 0.0        | 0.0    | 0.0   | 3.1   | 3.1    | 6.1   | 0.0        | 0.0    | 0.0   | 3.1        | 3.1    | 6.1   |
| 15-19     | 0.0        | 0.0    | 0.0   | 6.1   | 6.1    | 12.2  | 0.0        | 0.0    | 0.0   | 6.1        | 6.1    | 12.2  |
| 20-24     | 0.0        | 0.0    | 0.0   | 3.8   | 8.4    | 12.2  | 0.0        | 0.0    | 0.0   | 3.8        | 8.4    | 12.2  |
| 25-29     | 0.0        | 0.0    | 0.0   | 4.6   | 6.1    | 10.7  | 0.0        | 0.8    | 0.8   | 4.6        | 6.9    | 11.5  |
| 30-34     | 0.0        | 0.0    | 0.0   | 4.6   | 4.6    | 9.2   | 1.5        | 0.8    | 2.3   | 6.1        | 5.3    | 11.5  |
| 35-39     | 0.0        | 0.0    | 0.0   | 2.3   | 2.3    | 4.6   | 0.8        | 0.0    | 0.8   | 3.1        | 2.3    | 5.3   |
| 40-44     | 0.0        | 0.0    | 0.0   | 0.0   | 1.5    | 1.5   | 0.0        | 0.0    | 0.0   | 0.0        | 1.5    | 1.5   |
| 45-49     | 0.0        | 0.0    | 0.0   | 1.5   | 2.3    | 3.8   | 0.0        | 0.0    | 0.0   | 1.5        | 2.3    | 3.8   |
| 50-54     | 0.0        | 0.0    | 0.0   | 3.8   | 0.0    | 3.8   | 0.0        | 0.0    | 0.0   | 3.8        | 0.0    | 3.8   |
| 55-59     | 0.0        | 0.0    | 0.0   | 2.3   | 0.0    | 2.3   | 0.0        | 0.0    | 0.0   | 2.3        | 0.0    | 2.3   |
| 60-64     | 0.0        | 0.0    | 0.0   | 0.0   | 0.0    | 0.0   | 0.0        | 0.0    | 0.0   | 0.0        | 0.0    | 0.0   |
| 65+       | 0.0        | 0.0    | 0.0   | 3.1   | 0.0    | 3.1   | 0.0        | 0.0    | 0.0   | 3.1        | 0.0    | 3.1   |

SOURCE: Bureau of Statistics, GNWT, 1986

MENT BY SEX AND GRADE  
For School Years  
1981 - 1985

TABLE 5

GRISE FIORD

| Y E A R S |   | PRIMARY | INTERMEDIATE | MIDDLE | SENIOR  | T O T A L |
|-----------|---|---------|--------------|--------|---------|-----------|
|           |   | K - 3   | 4 - 6        | 7 - 9  | 10 - 12 |           |
| 1981-82   | M | 6       | 10           | 1      |         | 17        |
|           | F | 5       | 5            | 2      |         | 12        |
|           | T | 11      | 15           | 3      |         | 29        |
| 1982-83   | M | 7       | 5            | 3      |         | 15        |
|           | F | 7       | 6            | 0      |         | 13        |
|           | T | 14      | 11           | 3      |         | 28        |
| 1983-84   | M | 8       | 3            | 4      |         | 15        |
|           | F | 5       | 6            | 0      |         | 11        |
|           | T | 13      | 9            | 4      |         | 26        |
| 1984-85   | M | 6       | 2            | 6      |         | 14        |
|           | F | 3       | 4            | 4      |         | 11        |
|           | T | 9       | 6            | 10     |         | 25        |
| 1985-86   | M | 8       | 6            | 2      |         | 16        |
|           | F | 6       | 3            | 5      |         | 14        |
|           | T | 14      | 9            | 7      |         | 30        |

SOURCE: Department of Education, GNWT, 1986

SCHOOL ATTENDANCE SUMMARY  
For School Years  
1981 - 1985

TABLE 6

GRISE FIORD

| Y E A R S | Number of Students Enrolled | Percentage of non-attendance due to Land Days | Average percentage of attendance |
|-----------|-----------------------------|---|----------------------------------|
| 1981 - 82 | 29                          | 2   | 72                               |
| 1982 - 83 | 28                          | 2   | 72                               |
| 1983 - 84 | 26                          | 3   | 63                               |
| 1984 - 85 | 26                          | 1   | 73                               |

SOURCE: Department of Education, GNWT, 1986

TABLE 7

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYDE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 2          | 30    |

SOURCE: Department of Education, GNWT, 1986

TABLE 8

EDUCATION LEVELS, 15+ POPULATION, 1981

## HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION<br>15 yrst+<br>Native | Other | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|----------------------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
| Arctic Bay   | 210                              | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220                              | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Flord  | 60                               | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155                              | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370                              | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215                              | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230                             | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.

TABLE 9

revised: 87-02-11

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income® | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$224,000           | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000           | \$3,369,000  |
| Grise Fiord    | \$304,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100            | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,011,000       | \$555,000        | \$79,000            | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,690,000      | \$467,600           | \$4,395,800  |
| Resolute Bay   | \$207,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000           | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,328,500       | \$6,535,100      | \$1,306,700         | \$21,185,800 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

® Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNMT.



**TABLE 10  
COMMUNITY INCOME BY SOURCE 1982**

| Community    | PRIVATE SECTOR                     |                       |                       |                       |                        |                       |                                   |                        |                           |                              |                                     |
|--------------|------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------------------|------------------------|---------------------------|------------------------------|-------------------------------------|
|              | Renewable Resources Harvests*      | PRIMARY SECTOR        |                       |                       | SECONDARY SECTOR       |                       |                                   | TERTIARY SECTOR        |                           |                              |                                     |
|              |                                    | Mining                | Oil & Gas             | Total                 | Arts & Crafts          | Construction          | Total                             | Retail                 | Tourism                   | Other                        | Total                               |
| Arctic Bay   | \$111,700.00                       | \$210,500.00          | \$175,500.00          | \$600,700.00          | \$30,000.00            | \$68,000.00           | \$98,000.00                       | \$192,000.00           | \$44,400.00               | \$34,000.00                  | \$270,400.00                        |
| Clyde River  | \$74,000.00                        | \$84,000.00           | NA                    | \$158,000.00          | \$300,000.00           | \$103,000.00          | \$403,000.00                      | \$173,000.00           | NA                        | NA                           | \$173,000.00                        |
| Grise Fiord  | \$48,000.00                        | NA                    | NA                    | \$48,000.00           | \$20,000.00            | \$11,000.00           | \$31,000.00                       | \$60,000.00            | \$41,000.00               | \$4,200.00                   | \$105,200.00                        |
| Narsivik     | NA                                 | \$5,576,000.00        | NA                    | \$5,576,000.00        | NA                     | NA                    | NA                                | \$85,000.00            | NA                        | \$170,000.00                 | \$235,000.00                        |
| Fond Inlet   | \$110,000.00                       | \$5,500.00            | \$490,000.00          | \$605,000.00          | \$70,000.00            | \$100,000.00          | \$170,000.00                      | \$343,000.00           | \$126,500.00              | \$128,700.00                 | \$598,200.00                        |
| Resolute Bay | \$55,100.00                        | NA                    | NA                    | \$55,100.00           | \$8,000.00             | \$21,000.00           | \$29,000.00                       | \$47,000.00            | \$27,000.00               | \$2,400,000.00               | \$2,514,000.00                      |
| <b>TOTAL</b> | <b>\$398,800.00</b>                | <b>\$3,581,000.00</b> | <b>\$765,500.00</b>   | <b>\$5,044,900.00</b> | <b>\$428,000.00</b>    | <b>\$388,000.00</b>   | <b>\$739,000.00</b>               | <b>\$530,000.00</b>    | <b>\$249,100.00</b>       | <b>\$2,762,900.00</b>        | <b>\$3,852,000.00</b>               |
| Community    | PUBLIC SECTOR                      |                       |                       |                       |                        |                       |                                   |                        |                           |                              |                                     |
|              | Gov't of the Northwest Territories | Federal Gov't         | Municipal Gov't       | Total                 | All Sectors Income     | Unearned Income †     | Imputed Value of Food Harvested ‡ | Total Income           | Average Income per Capita | Average Income per Household | Average Earned Income per Household |
|              | Arctic Bay                         | \$530,000.00          | \$111,000.00          | \$320,000.00          | \$961,000.00           | \$1,930,100.00        | \$204,000.00                      | \$875,000.00           | \$3,029,100.00            | \$6,077.60                   | \$43,072.86                         |
| Clyde River  | \$544,000.00                       | \$340,000.00          | \$250,000.00          | \$1,134,000.00        | \$2,923,000.00         | \$371,000.00          | \$968,000.00                      | \$3,369,000.00         | \$7,571.79                | \$40,112.50                  | \$25,350.00                         |
| Grise Fiord  | \$244,100.00                       | \$152,000.00          | \$47,000.00           | \$443,100.00          | \$825,500.00           | \$57,100.00           | \$384,000.00                      | \$1,068,600.00         | \$10,139.10               | \$33,330.00                  | \$31,275.00                         |
| Narsivik     | \$236,000.00                       | \$260,000.00          | NA                    | \$496,000.00          | \$4,368,000.00         | \$79,000.00           | \$264,000.00                      | \$4,699,000.00         | \$18,079.08               | \$67,128.57                  | \$62,371.43                         |
| Fond Inlet   | \$908,000.00                       | \$185,000.00          | \$429,000.00          | \$1,522,000.00        | \$3,078,200.00         | \$467,000.00          | \$883,000.00                      | \$4,395,800.00         | \$6,219.18                | \$35,186.40                  | \$24,801.60                         |
| Resolute Bay | \$280,000.00                       | \$1,283,000.00        | \$15,000.00           | \$1,578,000.00        | \$4,235,300.00         | \$104,000.00          | \$297,000.00                      | \$4,626,300.00         | \$27,211.83               | \$41,306.25                  | \$37,315.18                         |
| <b>TOTAL</b> | <b>\$2,675,100.00</b>              | <b>\$2,428,000.00</b> | <b>\$1,161,000.00</b> | <b>\$6,535,100.00</b> | <b>\$16,260,100.00</b> | <b>\$1,368,700.00</b> | <b>\$3,619,000.00</b>             | <b>\$21,185,300.00</b> | <b>\$12,519.04</b>        | <b>\$47,352.76</b>           | <b>\$34,931.01</b>                  |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

† Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.

‡ Estimates based on ERIA's harvesting study, 1981

SOURCE: A Eaffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>ployment | Unem-<br>ployment | Unem-<br>ployment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|-----------------|-------------------|---------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)           | (no.)             | (%)                       | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93              | 26                | 22                        | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115             | 18                | 14                        | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53              | 3                 | 5                         | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59              | -                 | -                         | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183             | 60                | 25                        | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40              | 15                | 27                        | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985

TABLE 12

INDUSTRY DIVISION AND CLASS OF WORKERS  
1981 CENSUS

| COMMUNITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|-------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Arctic Bay  | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Clyde River | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Grise Fiord | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Nanisivik   | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Pond Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Resolute    | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL       | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. if there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining industry.

\*\* Employment with the renewable resources sector.

TABLE 13

## CERTIFIED JOURNEYMAN BY COMMUNITY

FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehouseman | Burner Mechanic | Industrial Electrician | Refrigeration; Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |    |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|-------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|----|
| NANISIVIK*   |           |                        | 6                   |                 |                                | 1                       |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 |       | 30 |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                         |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 |       | 2  |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                         |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 |       | 13 |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 8  |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                         |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 |       | 9  |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 7  |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                       | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               |       | 69 |

\* About 30% of certified journeymen from Nanisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
The data is based on home addresses given at the time of certification.  
Thus the particular journeyman may or may not be currently a resident  
of the community indicated.

TABLE 14

## TRAPPER INCOME BY COMMUNITY, LANCASTER SOUND REGION

Settlement: GRISE FJORD

| Year      | Total<br>Number of<br>Trappers | Total No.<br>Trappers<br>Earning<br>Over \$400 | Total No.<br>Trappers<br>Earning<br>Over \$600 | # of Trappers Earning |                       |          | Total Income From<br>Trapping |                 | Average Trapper<br>Income |                 |
|-----------|--------------------------------|--|--|-----------------------|-----------------------|----------|-------------------------------|-----------------|---------------------------|-----------------|
|           |                                |  |  | \$400 to<br>\$1,000   | \$1,000 to<br>\$5,000 | \$5,000+ | Real<br>Dollars               | 1985<br>Dollars | Real<br>Dollars           | 1985<br>Dollars |
| 1973-1974 | 20                             | 15   | -  | 2                     | 13                    | -        | \$20,051.50                   | \$48,305.89     | \$1,002.58                | \$2,415.29      |
| 1974-1975 | 30                             | 15   | -  | 12                    | 1                     | 2        | \$11,540.00                   | \$25,092.10     | \$384.67                  | \$836.40        |
| 1975-1976 | 29                             | 19   | -  | 9                     | 10                    | -        | \$22,059.75                   | \$44,610.50     | \$760.68                  | \$1,538.29      |
| 1976-1977 | 37                             | 21   | -  | 12                    | 9                     | -        | \$22,999.50                   | \$43,085.96     | \$621.61                  | \$1,164.49      |
| 1977-1978 | 28                             | -  | 3  | 2                     | 1                     | -        | \$8,008.00                    | \$13,783.73     | \$286.00                  | \$492.28        |
| 1978-1979 | 22                             | -  | 19   | -                     | 19                    | 2        | \$43,167.00                   | \$68,040.18     | \$1,962.14                | \$3,092.74      |
| 1979-1980 | 18                             | -  | 4  | 2                     | 2                     | -        | \$7,374.00                    | \$10,550.88     | \$409.67                  | \$586.16        |
| 1980-1981 | 32                             | -  | 16   | 9                     | 7                     | -        | \$21,243.00                   | \$27,021.10     | \$663.84                  | \$844.41        |
| 1981-1982 | 24                             | -  | 2  | -                     | 2                     | -        | \$6,232.00                    | \$7,154.43      | \$259.67                  | \$298.10        |
| 1982-1983 | 14                             | -  | 1  | 1                     | -                     | -        | \$2,561.00                    | \$2,779.52      | \$182.93                  | \$198.54        |
| 1983-1984 | 16                             | -  | 7  | 4                     | 3                     | -        | \$3,335.00                    | \$3,468.62      | \$208.44                  | \$216.79        |
| 1984-1985 | 17                             | -  | 3  | -                     | 3                     | -        | \$8,425.00                    | \$8,425.00      | \$495.59                  | \$495.59        |

SOURCE: Department of Renewable Resources, GNIIT, 1986

TABLE 15

WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: Grise Fiord

| SPECIES                       | TOTAL NO.<br>HARVESTED | TOTAL<br>EDIBLE<br>MASS | TOTAL<br>HARVESTED<br>PER CAPITA | PER CAPITA<br>EDIBLE<br>WEIGHT | ESTIMATED MASS<br>USED TO CALCULATE<br>EDIBLE BIOMASS |
|-------------------------------|------------------------|-------------------------|----------------------------------|--------------------------------|---|
| Ringed Seal                   | 727                    | 14540                   | 5.42                             | 108.51                         | 20  |
| Polar Bear                    | 20                     | 3180                    | 0.15                             | 23.73                          | 159   |
| Other Marine<br>Mammals (ave) | 202                    | 17449                   | 1.51                             | 130.21                         | 86.38   |
| Muskox                        | 5                      | 550                     | 0.04                             | 4.1                            | 110   |
| Arctic Hare                   | 124                    | 248                     | 0.93                             | 1.85                           | 2   |
| Caribou                       | 31                     | 1488                    | 0.23                             | 11.1                           | 48  |
| Rock Ptarmigan                | 160                    | 101                     | 1.19                             | 0.75                           | 0.63  |
| Waterfowl (ave)               | 341                    | 514                     | 2.54                             | 3.83                           | 1.51  |
| Seabirds (ave)                | 16                     | 11                      | 0.12                             | 0.08                           | 0.69  |
| Char<br>(anadromous)*         | 2850                   | 5700                    | 21.27                            | 42.54                          | 2   |
| Other                         | 0                      | 0                       | 0                                | 0                              | 0   |
| Ocean Fish                    |                        |                         |                                  |                                |   |
| Landlocked<br>Char            | 0                      | 0                       | 0                                | 0                              | 0   |
| Lake Trout                    | X                      | X                       | X                                | X                              | X   |
| Other                         |                        |                         |                                  |                                |   |
| Freshwater Fish               | X                      | X                       | X                                | X                              | X   |
| Whale ** (ave)                | 10                     | 4092                    | 0.07                             | 30.54                          | 409.2   |
| TOTALS                        |                        | 47873                   |                                  | 357.24                         |   |

## NOTES:

An "X" indicates that data for these species was not collected for this year.  
(ave) indicates that several species were included in this category.

\* Anadromous implies that fish were caught while ascending rivers to spawn.

\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 3 Narwal and 7 Beluga.

SOURCE: Wong, MP. Chemical Residues in Fish and Wildlife Species Harvested  
In Northern Canada, 1985.

TABLE 16

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&M EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&M |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&M     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,069          |
| Clyde River            | 632,226                         | 848,326                  | 304,502          | 1,785,054        | 135,994                           | 6,288          |                          | 142,282          | 1,927,336          |
| Grise Fjord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,468          |
| Hanulvik               | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,327          |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,975          |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 895,191          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,117          |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,302</b>  |

SOURCE: Department of Finance, GNWT, 1986

TABLE 17

## SOCIAL ASSISTANCE EXPENDITURES BY COMMUNITIES &amp; REGIONS, 1980 - 1985

| COMMUNITY    |         | SA BY COMMUNITY<br>1980-85<br>(CALCULATED IN<br>1980 DOLLARS) | \$ SA<br>EXPENDITURES<br>(ACTUAL \$'s) | RECIP-<br>IENTS | AVERAGE \$/<br>RECIPIENT | TOTAL<br>CASES | AVERAGE<br>NO.<br>CASE/MONTH | AVERAGE<br>SA \$/CASE<br>(ACTUAL \$'s) |
|--------------|---------|---|--|-----------------|--------------------------|----------------|------------------------------|--|
| Arctic Bay   | 1980-81 | 44,081  | 44,081                                 | 43              | 1,025                    | 138            | 12                           | 319                                    |
|              | 1981-82 | 49,415  | 55,460                                 | 40              | 1,387                    | 158            | 13                           | 351                                    |
|              | 1982-83 | 40,574  | 50,030                                 | 34              | 1,471                    | 143            | 12                           | 350                                    |
|              | 1983-84 | 57,197  | 74,186                                 | 48              | 1,546                    | 192            | 16                           | 386                                    |
|              | 1984-85 | 49,135  | 66,309                                 | 38              | 1,761                    | 170            | 14                           | 390                                    |
| Clyde River  | 1980-81 | 103,606   | 103,606                                | 64              | 1,619                    | 266            | 22                           | 390                                    |
|              | 1981-82 | 120,142   | 134,839                                | 61              | 2,210                    | 335            | 28                           | 403                                    |
|              | 1982-83 | 128,788   | 158,801                                | 80              | 1,985                    | 412            | 32                           | 385                                    |
|              | 1983-84 | 142,264   | 184,519                                | 93              | 1,984                    | 435            | 36                           | 424                                    |
|              | 1984-85 | 134,706   | 181,790                                | 87              | 2,091                    | 437            | 36                           | 416                                    |
| Grise Fiord  | 1980-81 | 7,233   | 7,233                                  | 9               | 804                      | 30             | 3                            | 241                                    |
|              | 1981-82 | 12,662  | 14,211                                 | 19              | 748                      | 54             | 4                            | 263                                    |
|              | 1982-83 | 10,635  | 13,113                                 | 17              | 771                      | 57             | 5                            | 230                                    |
|              | 1983-84 | 24,766  | 32,122                                 | 29              | 1,108                    | 101            | 8                            | 318                                    |
|              | 1984-85 | 37,286  | 50,318                                 | 31              | 1,623                    | 148            | 12                           | 340                                    |
| Fond Inlet   | 1980-81 | 94,240  | 94,240                                 | 64              | 1,473                    | 246            | 21                           | 383                                    |
|              | 1981-82 | 84,638  | 94,992                                 | 60              | 1,583                    | 247            | 21                           | 385                                    |
|              | 1982-83 | 94,306  | 116,283                                | 75              | 1,550                    | 301            | 12                           | 386                                    |
|              | 1983-84 | 110,496   | 143,315                                | 93              | 1,541                    | 330            | 27                           | 434                                    |
|              | 1984-85 | 101,855   | 137,456                                | 79              | 1,727                    | 304            | 25                           | 452                                    |
| Resolute Bay | 1980-81 | 17,736  | 17,736                                 | 17              | 1,043                    | 60             | 5                            | 296                                    |
|              | 1981-82 | 13,073  | 14,672                                 | 13              | 1,129                    | 49             | 4                            | 299                                    |
|              | 1982-83 | 18,374  | 22,656                                 | 16              | 1,416                    | 59             | 5                            | 384                                    |
|              | 1983-84 | 24,223  | 31,418                                 | 24              | 1,309                    | 83             | 7                            | 379                                    |
|              | 1984-85 | 13,660  | 18,435                                 | 21              | 903                      | 54             | 5                            | 341                                    |

SOURCE: Report on the Social Assistance Program: 1980-1985, GNWT, Department of Services, Yellowknife, 1985



TABLE 18  
FOOD PRICE INDEXES, By Major Category and Selected Communities  
Northwest Territories, June 1985  
 (Yellowknife = 100)

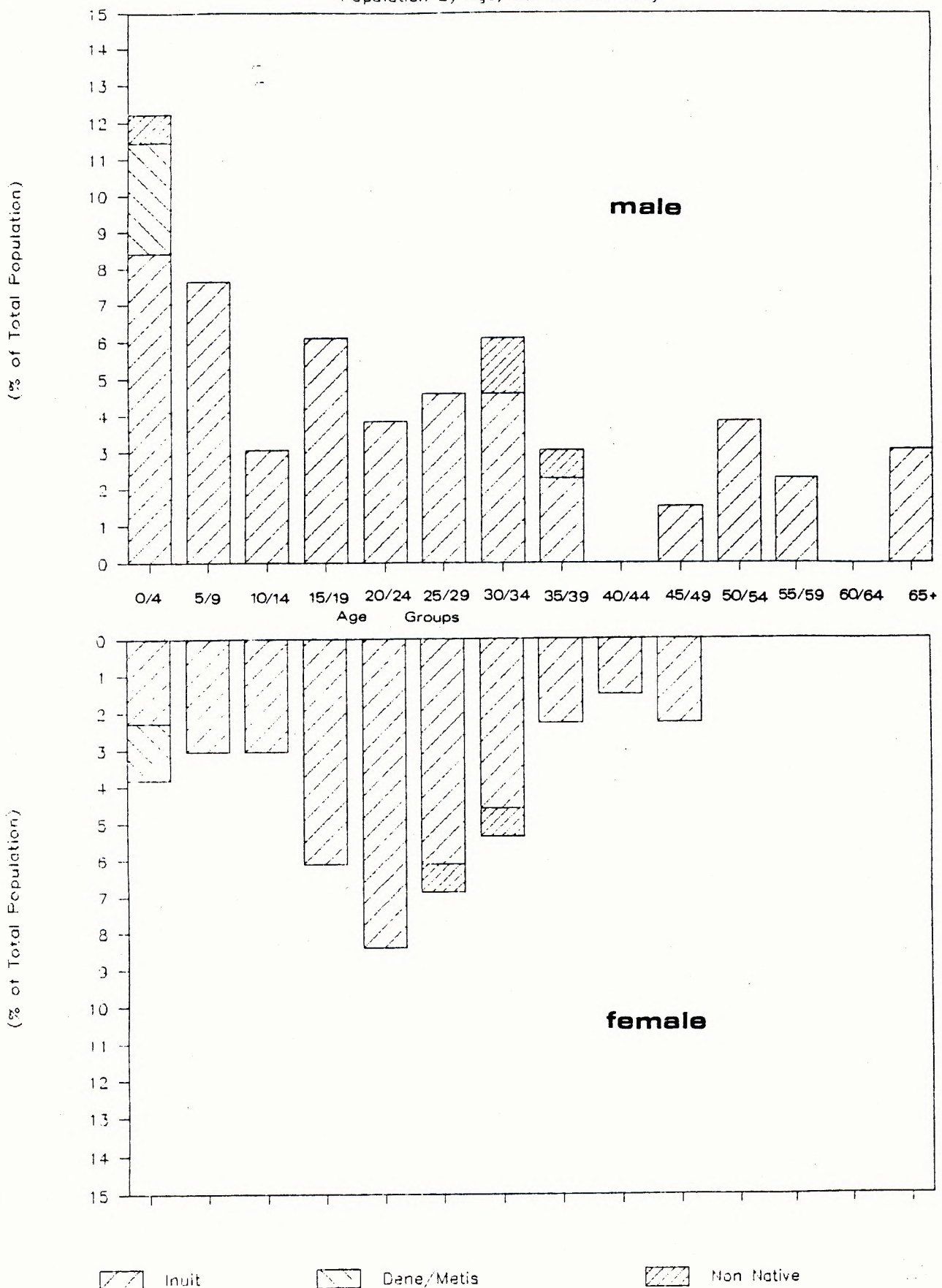
| Community   | All Items | Meat | Fish | Dairy & Eggs | Cereal |         |          |             |            | Vege- tables | Sugar | Coffee & Tea | Fats & Oils | Non- Other |  |
|-------------|-----------|------|------|--------------|--------|---------|----------|-------------|------------|--------------|-------|--------------|-------------|------------|--|
|             |           |      |      |              | Bakery | & Fruit | & Bakery | Alcoh. Bev. | Food Items |              |       |              |             |            |  |
| Arctic Bay  | 167       | 142  | 119  | 189          | 115    | 212     | 214      | 157         | 101        | 168          | 150   | 159          | 150         | 159        |  |
| Clyde River | 166       | 160  | 127  | 167          | 137    | 176     | 220      | 154         | 100        | 154          | 147   | 154          | 147         | 154        |  |
| Grise Fiord | 175       | 130  | 131  | 285          | 145    | 143     | 190      | 175         | 118        | 192          | 174   | 143          | 174         | 143        |  |
| Nanisivik   | 163       | 151  | 109  | 201          | 128    | 156     | 191      | 154         | 109        | 141          | 159   | 163          | 159         | 163        |  |
| Pond Inlet  | 162       | 142  | 119  | 195          | 113    | 186     | 193      | 148         | 89         | 150          | 140   | 181          | 140         | 181        |  |
| Resolute    | 163       | 149  | 116  | 196          | 158    | 143     | 163      | 150         | 136        | 148          | 219   | 159          | 219         | 159        |  |

SOURCE: GNWT, Bureau of Statistics, 1985.

# GRISE FIORD, 1985

FIGURE 1

Population By Age, Sex and Ethnicity

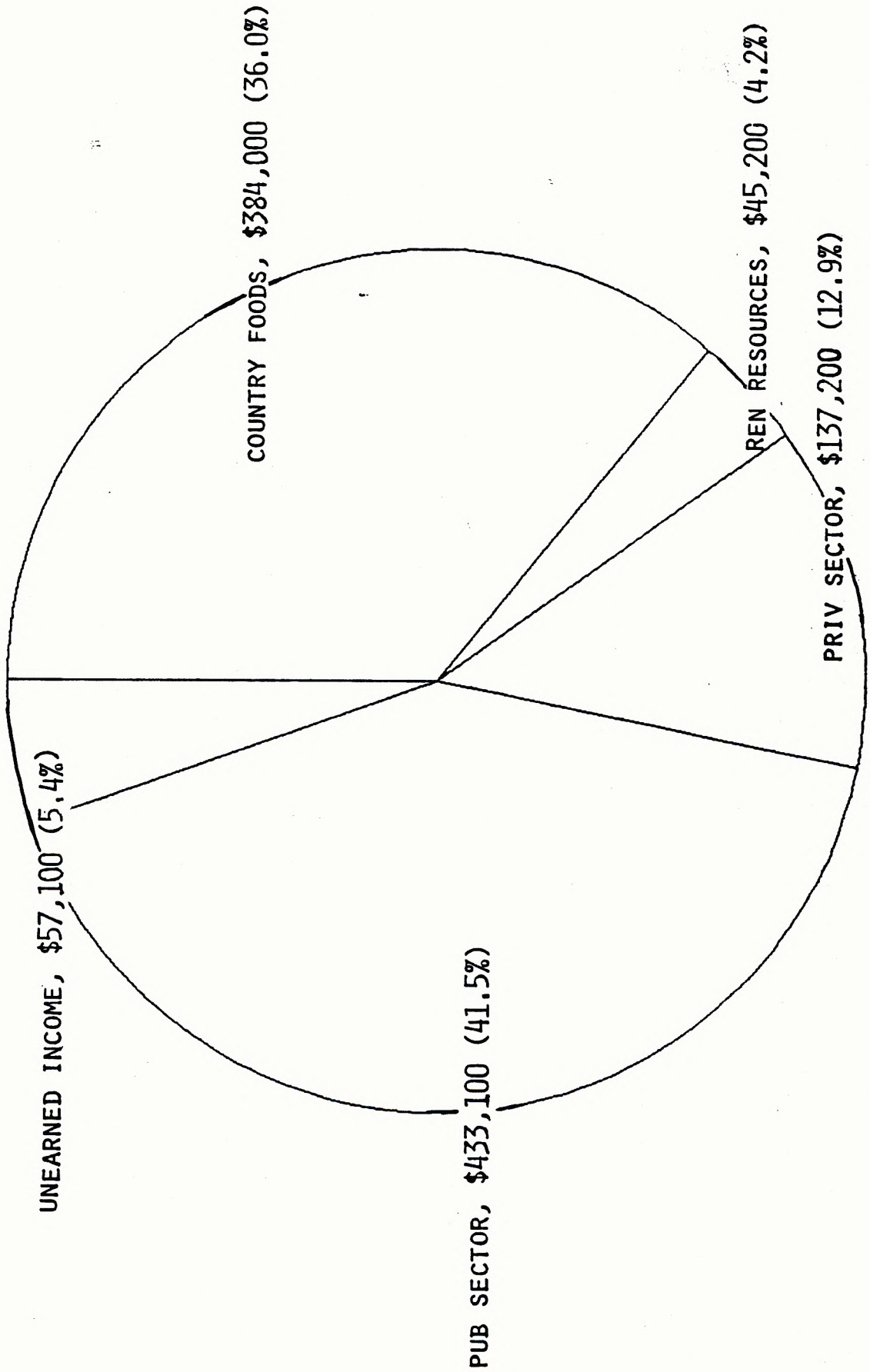


SOURCE: Bureau of Statistics, GNWT, 1986

# GRISE FIORD

FIGURE 2

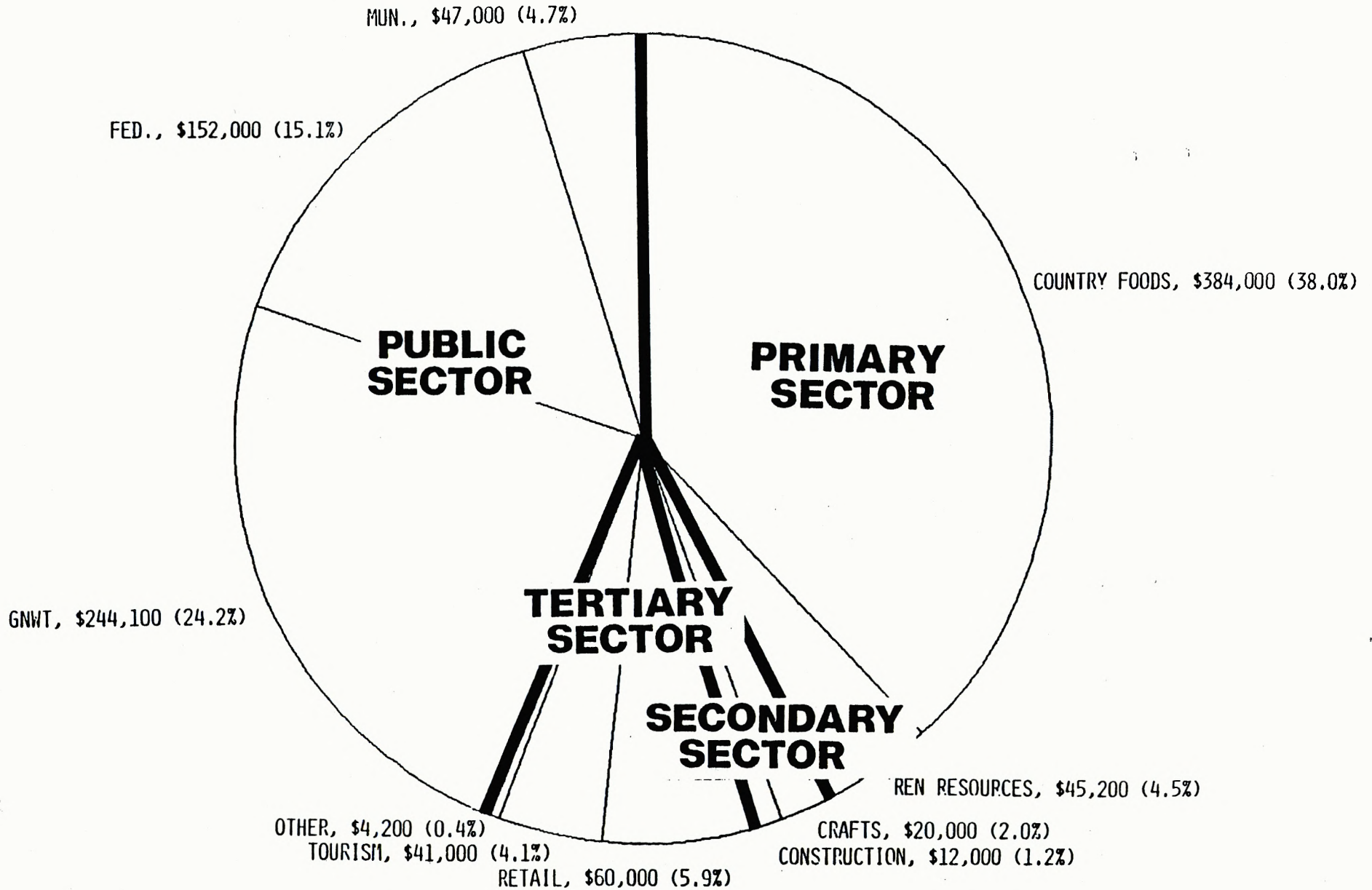
ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982



# GRISE FIORD

## INCOME BY SOURCE AND IMPUTED VALUE OF COUNTRY FOODS, 1982

FIGURE 3



Source: GNWT Department of Economic Development and Tourism,  
A Baffin Region Economic Baseline Study, 1984.

# GRISE FIOR

FIGURE 4

Total Income From Trapping, 1973-1985

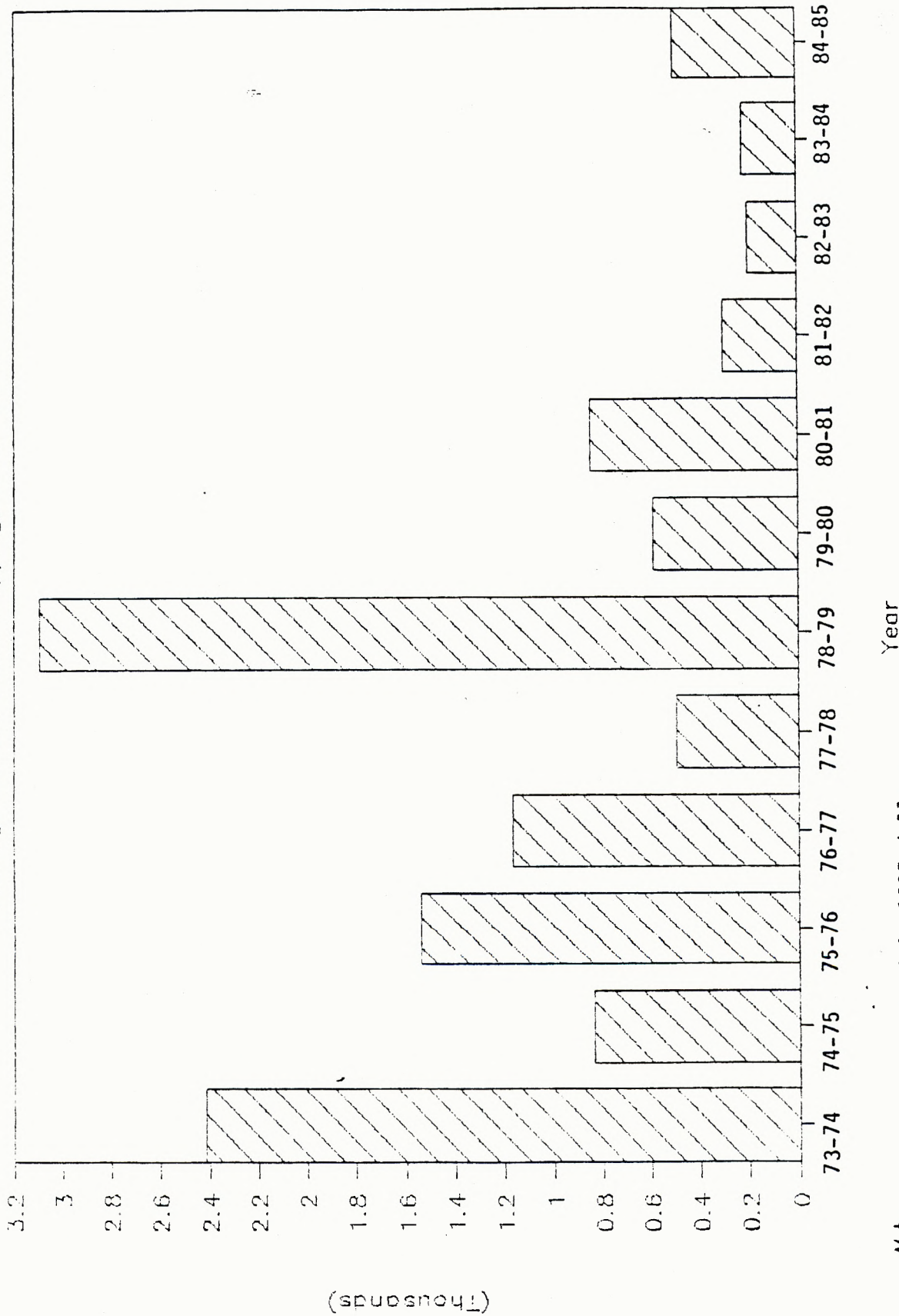


Note: Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNWT, 1986

FIGURE 5

Average Income From Trapping, 1973-1985



Note : Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNWT, 1986

LANCASTER SOUND  
COMMUNITY PROFILE

NANISIVIK

Prepared by:

David Moll

Northern Land Use Planning Office

February 1987

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# NANISIVIK

## 1. INTRODUCTION

This community profile is organized into three sections:

1. a short section describing history, human resources, economy and future prospects;
2. a section containing figures which illustrate historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which provide the data used to prepare the graphics and text.

In describing the social and economic makeup of the community, this profile will help the people of the community focus on where they have come from, where they are now, and where they are going. This profile is meant to help the community identify opportunities and constraints to development. The community can develop a vision of where it wants to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

## 2. HISTORY

Historical evidence suggests that the area was not populated by Inuit. Explorers first visited the area in 1820. In 1937 the first mineral claims were staked. In 1954 the Geological Survey of Canada mapped the area, and from then on exploration for minerals has been continuous.

In 1957, the Texas Gulf Sulphur Company discovered the present ore body, and from 1958 to 1970 carried out extensive exploration work. This work resulted in the discovery of a then estimated 6 million tons of lead-zinc-silver ore averaging 16 percent lead-zinc and 2 ounces of silver per ton. Negotiations for mining ore began in 1970 by Texas Gulf. In 1972 Mineral Resource International (MRI) acquired an option on the property from Texas Gulf. Negotiations with the Federal Government and further exploration for development lead to an agreement for development and creation of the town.

The agreement was signed in 1974 by Mineral Resource International and the Government of Canada which permitted the mine to open. The town site was then developed as part of an industrial complex to mine the lead-zinc-silver deposit. As a result of this agreement the Federal Government became a shareholder with an 18 percent interest in the mine. The agreement also included an extensive list of 29 provisions

governing the employment, training, housing and other socio-economic benefits for local residents. In October, 1986, the Federal Government sold its 18 percent equity interest in the mine to MRI for over \$6 million.

The original deposit was estimated to be for 12 years at a production rate of 600,000 metric tons of ore. Since then more deposits were found and it is now estimated to last until 1992. Today the mine employs Inuit and southern workers, with 26 percent being Inuit, mostly on a rotation system. Since 1979, the community has been the site of the world's furthest north marathon running event.

### 3. HUMAN RESOURCES

#### 3.1 Demography

During the construction and early operation phase of the mine, the population in the community was made up of adults. Once houses were constructed and basic community facilities were in place, many workers started to bring their spouses and children with them. The Census of 1981 provides us with a first picture of the population mix of the town. According to the Census the population in 1981 was 260, about 52 percent or 135 males and 48 percent or 125 females. Population projections indicate that the same ratio of males to females will remain to the year 1992. The latest Census data of 1986 shows that the population in the community is 311 people, which is an increase of 19 percent since the 1981 Census. Thus, the average annual rate of growth since 1981 was about 4 percent.

In 1981 ethnic distribution was 40 percent or 105 Inuit and 60 percent or 155 non-native. The same ratio will remain to the year 1992. In 1981, 60 percent of the population were of working age (15-64). About 32 percent or 92 persons of the population are 14 and under. More than half of this age are Inuit (1985). For 1985 it is estimated that 72 percent or 207 people were age 34 and under, but the Inuit population at this age is only 44 percent or 92 people. Generally the Inuit population is much younger while a higher percentage of females are Inuit. This is due to the nature of work allocated to and available for the Inuit, as they are involved in less skilled jobs.

Since it is not known if any mining activities will continue after 1992, it is possible that most of the people will have to return to their original community. Some 150 people will be affected by the mine closure.

### 3.2 Education

The community has a modern school which provides education from kindergarten to grade 9. The majority are in the primary grades (K-3), ranging from 61 percent or 34 students for the 1981-82 school year to 54 percent or 38 students in the 1985-86 school year. Most of the children in this age group are Inuit (51-61 percent, 1981-86 school years), while 15-35 percent of school enrollment attended in the intermediate grades (4-6). School enrollment during the last 4 years remained fairly constant, ranging from 70 students for 1985-96 to 88 students for 1983-84. During the 1981-82 school year, 56 students were enrolled which is the lowest enrollment during the last 5 years. The number of students enrolled is usually a function of the size of families which are employed by the mine. That is, enrollment depends on the number of school age children that a given family brings when it commences its employment with the mine.

The average percentage of attendance is quite high, with very little time off for land days, ranging from 71-88 percent from 1981-85. During the last 3 years (1982-85) attendance was above 80 percent, and in 1981-82 the average attendance was the lowest, at 71 percent. The difference between the low attendance period and the high attendance periods can be explained by the conditions of employment at the mine, i.e. by the amount and frequency that an employee gets vacation time off. That is, most of the employees work 6 weeks and have 2 weeks off or receive every 3 months a vacation period and thus may fly out south with their children and hence affect the attendance rate.

Students who wish to go to high school (grades 10-12) have to go to Iqaluit. The number of students that were enrolled in high school is not known. It is estimated, based on the nature of the work force and duration of employment at the mine, that very few students from Nanisivik attended high school in Iqaluit. The data on high school graduation indicates that only 2 students have graduated from the high school (grade 12). These 2 students were of non-native origin.

The 1981 Census shows that over 9 percent of the working age population (15-64) had less than grade 9 education (2% had no schooling); 13 percent had more than grade 9 schooling; 15 percent had a trade diploma and about 12 percent received a university degree or diploma or had some university education. It appears that the education level in Nanisivik is quite high compared to the predominantly native population of other communities in the region.

## 4. ECONOMY

### 4.1 Introduction

People who live in Nanisivik are there because they have employment with the mine, government, retail and service industry or they have a small business which services the town or the mine needs.

The economy can be broken down into three major categories which include the public, private and renewable resources sectors. The public sector includes income from the territorial, federal and municipal governments. The private sector is made up of local private businesses and employment with the mine. The third category includes income from sale of raw renewable resources such as fish and meat, as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

The proportion of income from the different sectors based on 1982 data provided by the G.N.W.T. (1982) was: 82 percent from the private sector, 12 percent from the public sector(excluding transfer of payments) and 6 percent from the renewable resources sector which is based solely on the imputed value of country food.

According to the 1984 labour force survey of the G.N.W.T.'s Bureau of Statistics, out of a labour force of 59 Inuit (68 Inuit persons were between 15-64 years old), the participation rate was 87 percent and everybody was employed.

Since Nanisivik is a mining town where wages are relatively high, the estimated per-capita-income for 1982 was about \$18,000, while the average earned income-per-household was about \$62,000. However, most of the householders are non-native couples where both husband and wife are usually employed.

### 4.2 Renewable Resources

Since people are primarily engaged in a wage economy in Nanisivik, there is no known renewable resource harvesting taking place. Most of the working people from Arctic Bay return home on a daily basis, and are involved in supplementing their income from harvesting. Other Inuit workers, if they are not returning home, hunt and fish only after working hours or during the two weeks time off. Therefore, the renewable resource sector does not contribute significantly to the local economy.

Even so, it was estimated by the BRIA's harvesting study (1983) that in 1981 the imputed value of country food was about \$254,000. The mine buys country food which is served to its employees and to all other people of the community who wish to pay for meals at the company's commercial kitchen.

#### 4.3 Public Sector

The public sector of Nanisivik in 1982 accounted for about 14 percent or \$634,000 of the total community income including about \$79,000 of transfer of payments such as social assistance and family allowance. These monies went primarily to government employees for the support of the town and the airport. During 1985-86 the G.N.W.T. spent about \$1.6 million on operation and maintenance of the community.

The community has good public facilities, some of which have been built by the company and some by the G.N.W.T., such as a local library, swimming pool, a covered ice rink and 17 government housing units. All of the public facilities are housed in one complex in the centre of town which also houses a nursing station, school, company daycare and the local Bay store. These facilities may have to be moved or will not be used if an alternative use will not be found for the town after the possible shut down of the mine in 1992.

#### 4.4 Private Sector

In 1982, over 82 percent, or \$3,811,000 of community income came from the private sector. Income from mining accounted for about 94 percent or \$3,576,000. However, mining contributed 77 percent to the total community income, while income from services was about 4 percent, or \$170,000, and 2 percent, or \$65,000, came from retail.

Since the mining company contributes such a large portion to the community income, the actual dollar amount that stays in the region is probably very small. It is estimated that over 80 percent of the wages go to southern Canada, as most Inuit are employed in unskilled jobs where wages are not high.

The average duration of continuous employment was about one year for both northerners and southerners. During 1986, the turnover rate was about 40 percent. However, many workers stay for three years, although there are still some employees around who started with the first shift. Inuit occupy the semi-skilled and training positions. The average salary for most of the workers is about \$41,000. Many of the employees work six-day weeks and nine-hour shifts. After 13 weeks in the mine, employees are given 3 weeks off and are flown to the

place where they were hired. There are very few skilled Inuit working at the mine. However, the mine functions as a training ground and provides work experiences for many people in the region. For example, since 1980 there were about 80 workers who occupied apprenticeship positions. Currently there are 12 positions for apprentices at the mine. Since the mine commenced its operation a total of 30 Journeymen have been certified. About 20 of these Journeymen were Inuit. However, we have no knowledge whether these Journeymen are still in the community. More than likely they are working for other communities.

#### 4.5 Cost of Living

The consumer prices for 1982 were 60-69 percent higher than Montreal and 63 percent higher than Yellowknife for 1985. In 1985 prices for dairy, eggs and vegetables were about 100 percent higher than Yellowknife. However, since the company provides all meals at a reasonable cost to its employees and to residents of the community, the actual cost of living is probably lower than in Yellowknife.

#### 5. FUTURE PROSPECTS

Being a mining town, Nanisivik is dependent on its infrastructure and proven ore reserve for its continued existence. According to the current estimates there are enough ore deposits to last, at present rate of mining, for an additional 5-6 years. The mine provides jobs for several communities in the region and is a good training ground for people to acquire some skills which are transferable to similar occupations. The loss of income and exposure to this experience could be felt in many communities.

At its May 13, 1986 meeting, the Nanisivik Monitoring Committee established a sub-committee to investigate all relevant clauses of the Agreement between the mine and the Federal Government with regard to alternative uses for the townsite. The sub-committee has developed Terms of Reference for a study. The objective of the study is to prepare a plan for the orderly abandonment of the Nanisivik mining project. The main goal of the study will be to investigate the possibility of various alternative uses of the townsite including economic and business opportunities. The study will also review the social and economic impacts of the mine and its closure. Therefore, the Regional Commission should have an active input into this study.

TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

1961 - 2005

| Community    | Historic Records  |                   |                   |                   |                   |                   | Estimated and Projected |                   |                   |                   | % Increase<br>1961-1986 |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|-------------------------|
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup>       | 1995 <sup>2</sup> | 2000 <sup>2</sup> | 2005 <sup>2</sup> |                         |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504                     | 591               | 681               | 782               | 961                     |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586                     | 673               | 756               | 841               | 1163                    |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162                     | 190               | 210               | 224               | 61                      |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325                     | 367               | 406               | 430               | N/A                     |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939                     | 1063              | 1186              | 1332              | 1483                    |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188                     | 212               | 236               | 262               | 19                      |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704                    | 3096              | 3475              | 3871              | 638                     |

Sources: <sup>1</sup> Statistics Canada, census data

<sup>2</sup> GNWT, Bureau of Statistics

AGE AND SEX FOR CENSUS YEARS  
AND PROJECTIONS

COMMUNITY: NANISIVIK

TABLE 2

| Year       | Ethnicity  | Sex         | All Ages | %     | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |
|------------|------------|-------------|----------|-------|-----|------|-------|-------|-------|-------|-----|
| 1976*      | ALL GROUPS | M<br>F<br>T |          |       |     |      |       |       |       |       |     |
| 1981**     | ALL GROUPS | M           | 135      | 52.0  | 20  | 25   | 20    | 25    | 30    | 20    | --  |
|            |            | F           | 125      | 48.0  | 20  | 30   | 25    | 25    | 25    | 10    | --  |
|            |            | T           | 260      | 100.  | 45  | 60   | 45    | 50    | 55    | 10    | --  |
|            | DENE/METIS | M           | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| F          |            | --          | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| T          |            | --          | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| INUIT      | M          | 50          | --       | 10    | 15  | 5    | 5     | 10    | --    | --    | --  |
|            | F          | 60          | --       | 10    | 25  | 10   | 5     | 10    | --    | --    | --  |
|            | T          | 105         | 40.      | 20    | 40  | 15   | 10    | 20    | --    | --    | --  |
| NON-NATIVE | M          | 90          | --       | 10    | 10  | 15   | 20    | 25    | 5     | --    | --  |
|            | F          | 65          | --       | 15    | 15  | 15   | 20    | 5     | --    | --    | --  |
|            | T          | 155         | 60.      | 25    | 25  | 30   | 40    | 30    | 5     | --    | --  |
| 1985***    | ALL GROUPS | M           | 156      | 54.0  | 20  | 24   | 23    | 33    | 44    | 12    | --  |
|            |            | F           | 132      | 46.0  | 8   | 40   | 37    | 22    | 24    | 1     | --  |
|            |            | T           | 288      | 100.0 | 28  | 64   | 60    | 55    | 68    | 13    | --  |
|            | DENE/METIS | M           | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| F          |            | --          | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| T          |            | --          | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| INUIT      | M          | 56          | --       | 13    | 14  | 6    | 10    | 11    | 2     | --    | --  |
|            | F          | 64          | --       | 3     | 21  | 17   | 8     | 14    | 1     | --    | --  |
|            | T          | 120         | 41.0     | 16    | 35  | 23   | 18    | 25    | 3     | --    | --  |
| NON-NATIVE | M          | 100         | --       | 7     | 10  | 17   | 23    | 33    | 10    | --    | --  |
|            | F          | 68          | --       | 5     | 19  | 20   | 14    | 10    | --    | --    | --  |
|            | T          | 168         | 59.0     | 12    | 29  | 37   | 37    | 43    | 10    | --    | --  |
| 1990***    | ALL GROUPS | M           | 175      | 54.0  | 25  | 29   | 29    | 31    | 42    | 16    | 3   |
|            |            | F           | 150      | 46.0  | 23  | 32   | 37    | 30    | 24    | 4     | --  |
|            |            | T           | 325      | 100.0 | 48  | 61   | 66    | 61    | 66    | 20    | 3   |
|            | DENE/METIS | M           | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| F          |            | --          | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| T          |            | --          | --       | --    | --  | --   | --    | --    | --    | --    | --  |
| INUIT      | M          | 71          | --       | 15    | 20  | 12   | 7     | 12    | 5     | --    | --  |
|            | F          | 79          | --       | 15    | 13  | 20   | 14    | 14    | 3     | --    | --  |
|            | T          | 150         | 46.0     | 30    | 33  | 32   | 21    | 26    | 8     | --    | --  |
| NON-NATIVE | M          | 104         | --       | 10    | 9   | 17   | 24    | 30    | 11    | 3     | --  |
|            | F          | 71          | --       | 8     | 19  | 17   | 16    | 10    | 1     | --    | --  |
|            | T          | 175         | 54.0     | 18    | 28  | 34   | 40    | 40    | 12    | 3     | --  |

\* Data for 1976 from Statistics Canada is not available. Nanisivik was not considered as a community. The mine just commenced its operation.

\*\* Based on Statistics Canada Census.

\*\*\* Estimated and projected based on zero growth due migration.

Source: Statistics Canada and Bureau of Statistics, GNWT.



PRELIMINARY POPULATION PROJECTIONS

Next planned update: Sept 1986

May 8

GOVERNMENT OF THE NORTHWEST TERRITORIES  
BUREAU OF STATISTICS

PRELIMINARY POPULATION PROJECTIONS  
POPULATION BY AGE BY ETHNICITY BY SEX

Base year : 1985 June  
Fertility/Mortality Rates : Model 2  
Growth due to migration : 0

SETTLEMENT/REGION : Nanisivik

| Year       | Group      | Sex | All Ages | Age Groups |     |       |       |       |       |       |       |       |       |       |       |       |
|------------|------------|-----|----------|------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            |            |     |          | 0-4        | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 |
| 1985       | All Groups | T   | 288      | 28         | 35  | 29    | 26    | 34    | 31    | 24    | 25    | 18    | 12    | 13    | 10    |       |
|            |            | F   | 156      | 14         | 14  | 10    | 7     | 16    | 20    | 13    | 14    | 10    | 10    | 10    | 9     |       |
|            | Dene/Metis | T   | 132      | 8          | 21  | 19    | 19    | 18    | 11    | 11    | 11    | 8     | 2     | 3     | 1     |       |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Inuit      | T          | 120 | 16       | 17         | 18  | 14    | 9     | 12    | 6     | 10    | 5     | 2     | 2     | 2     |       |       |
|            | F          | 58  | 3        | 7          | 7   | 5     | 1     | 6     | 4     | 4     | 1     | 1     | 1     | 1     |       |       |
| Non Native | T          | 168 | 12       | 18         | 11  | 12    | 19    | 18    | 15    | 13    | 7     | 7     | 7     | 7     |       |       |
|            | F          | 100 | 7        | 7          | 3   | 2     | 14    | 9     | 10    | 4     | 1     | 1     | 1     | 1     |       |       |
| 1990       | All Groups | T   | 325      | 48         | 33  | 28    | 27    | 39    | 29    | 32    | 14    | 23    | 17    | 12    | 10    |       |
|            |            | F   | 175      | 25         | 19  | 10    | 11    | 19    | 13    | 18    | 9     | 10    | 10    | 7     | 7     |       |
|            | Dene/Metis | T   | 150      | 23         | 14  | 18    | 16    | 21    | 16    | 14    | 5     | 10    | 7     | 2     | 3     |       |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Inuit      | T          | 150 | 30       | 16         | 17  | 18    | 14    | 9     | 12    | 6     | 10    | 5     | 2     | 2     |       |       |
|            | F          | 71  | 15       | 13         | 7   | 7     | 9     | 1     | 6     | 4     | 4     | 4     | 1     | 1     |       |       |
| Non Native | T          | 175 | 18       | 17         | 11  | 9     | 25    | 20    | 20    | 13    | 12    | 7     | 7     | 7     |       |       |
|            | F          | 104 | 8        | 11         | 3   | 5     | 12    | 12    | 12    | 9     | 3     | 1     | 1     | 1     |       |       |
| 1995       | All Groups | T   | 367      | 55         | 53  | 26    | 26    | 40    | 34    | 30    | 22    | 12    | 22    | 17    | 11    | 10    |
|            |            | F   | 197      | 30         | 24  | 15    | 11    | 22    | 15    | 11    | 14    | 8     | 13    | 10    | 9     | 7     |
|            | Dene/Metis | T   | 170      | 25         | 29  | 11    | 15    | 18    | 19    | 19    | 8     | 4     | 9     | 7     | 2     | 1     |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Inuit      | T          | 184 | 34       | 30         | 16  | 17    | 18    | 14    | 9     | 12    | 6     | 10    | 5     | 2     | 2     |       |
|            | F          | 90  | 19       | 15         | 13  | 7     | 7     | 5     | 1     | 6     | 4     | 4     | 1     | 1     | 1     |       |
| Non Native | T          | 183 | 21       | 23         | 10  | 9     | 22    | 20    | 21    | 10    | 6     | 12    | 12    | 6     | 5     |       |
|            | F          | 107 | 11       | 9          | 2   | 4     | 15    | 10    | 10    | 11    | 2     | 3     | 3     | 1     | 1     |       |
| 2000       | All Groups | T   | 406      | 54         | 60  | 46    | 24    | 39    | 35    | 35    | 20    | 20    | 11    | 22    | 16    | 9     |
|            |            | F   | 217      | 29         | 29  | 20    | 16    | 22    | 19    | 13    | 13    | 7     | 13    | 13    | 9     | 7     |
|            | Dene/Metis | T   | 189      | 25         | 31  | 26    | 8     | 17    | 16    | 22    | 13    | 13    | 8     | 9     | 7     | 2     |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Inuit      | T          | 216 | 34       | 34         | 30  | 16    | 17    | 18    | 14    | 9     | 12    | 6     | 10    | 5     | 2     |       |
|            | F          | 107 | 18       | 19         | 15  | 13    | 7     | 7     | 5     | 1     | 6     | 4     | 4     | 4     | 1     |       |
| Non Native | T          | 190 | 20       | 26         | 16  | 8     | 22    | 17    | 21    | 11    | 8     | 5     | 12    | 11    | 4     |       |
|            | F          | 110 | 11       | 10         | 5   | 5     | 15    | 12    | 8     | 13    | 7     | 4     | 3     | 3     | 1     |       |
| 2005       | All Groups | T   | 430      | 48         | 58  | 51    | 43    | 37    | 34    | 36    | 25    | 18    | 19    | 11    | 21    | 14    |
|            |            | F   | 225      | 27         | 27  | 20    | 16    | 27    | 19    | 17    | 16    | 12    | 13    | 11    | 12    | 7     |
|            | Dene/Metis | T   | 205      | 22         | 31  | 28    | 23    | 10    | 15    | 15    | 19    | 12    | 12    | 10    | 7     | 4     |
|            |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Inuit      | T          | 240 | 30       | 33         | 32  | 30    | 16    | 17    | 18    | 14    | 9     | 12    | 6     | 10    | 5     |       |
|            | F          | 117 | 15       | 17         | 17  | 15    | 13    | 7     | 7     | 9     | 1     | 6     | 4     | 4     | 1     |       |
| Non Native | T          | 190 | 18       | 25         | 19  | 13    | 21    | 17    | 18    | 11    | 9     | 7     | 5     | 11    | 4     |       |
|            | F          | 108 | 7        | 10         | 6   | 5     | 14    | 12    | 10    | 4     | 4     | 1     | 4     | 3     | 1     |       |

SOURCE: Bureau of Statistics, GNWT, 1986

TABLE 4

POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
SETTLEMENT/REGION: NANISIVIK

Raw Population Statistics:

| Age Group         | Dene/Metis |        | Inuit |        | Non Native |        | All Groups |        |
|-------------------|------------|--------|-------|--------|------------|--------|------------|--------|
|                   | Male       | Female | Male  | Female | Male       | Female | Male       | Female |
| 0-4               | 0          | 0      | 13    | 3      | 7          | 5      | 20         | 8      |
| 5-9               | 0          | 0      | 7     | 10     | 3          | 11     | 14         | 21     |
| 10-14             | 0          | 0      | 7     | 11     | 3          | 8      | 10         | 19     |
| 15-19             | 0          | 0      | 5     | 9      | 2          | 10     | 7          | 19     |
| 20-24             | 0          | 0      | 1     | 8      | 15         | 10     | 16         | 18     |
| 25-29             | 0          | 0      | 6     | 6      | 14         | 5      | 20         | 11     |
| 30-34             | 0          | 0      | 4     | 2      | 9          | 9      | 13         | 11     |
| 35-39             | 0          | 0      | 4     | 6      | 10         | 5      | 14         | 11     |
| 40-44             | 0          | 0      | 1     | 4      | 9          | 4      | 10         | 8      |
| 45-49             | 0          | 0      | 3     | 2      | 7          | 0      | 10         | 2      |
| 50-54             | 0          | 0      | 3     | 2      | 7          | 1      | 10         | 3      |
| 55-59             | 0          | 0      | 2     | 1      | 7          | 0      | 9          | 1      |
| 60-64             | 0          | 0      | 0     | 0      | 3          | 0      | 3          | 0      |
| 65+               | 0          | 0      | 0     | 0      | 0          | 0      | 0          | 0      |
| Total Population: | 288        |        |       |        |            |        |            |        |

Population By Percentages:

| Age Group         | Dene/Metis |        | Inuit |        | Non Native |        | All Groups |        |
|-------------------|------------|--------|-------|--------|------------|--------|------------|--------|
|                   | Male       | Female | Male  | Female | Male       | Female | Male       | Female |
| 0-4               | 0.0        | 0.0    | 4.5   | 1.0    | 2.4        | 1.7    | 6.9        | 2.8    |
| 5-9               | 0.0        | 0.0    | 2.4   | 3.5    | 2.4        | 3.8    | 4.9        | 7.3    |
| 10-14             | 0.0        | 0.0    | 2.4   | 3.8    | 1.0        | 2.8    | 3.5        | 6.6    |
| 15-19             | 0.0        | 0.0    | 1.7   | 3.1    | 0.7        | 3.5    | 2.4        | 6.6    |
| 20-24             | 0.0        | 0.0    | 0.3   | 2.3    | 5.2        | 3.5    | 5.6        | 6.3    |
| 25-29             | 0.0        | 0.0    | 2.1   | 2.1    | 4.9        | 1.7    | 6.9        | 3.8    |
| 30-34             | 0.0        | 0.0    | 1.4   | 0.7    | 3.1        | 3.1    | 4.5        | 3.8    |
| 35-39             | 0.0        | 0.0    | 1.4   | 2.1    | 3.5        | 1.7    | 4.9        | 3.8    |
| 40-44             | 0.0        | 0.0    | 0.3   | 1.4    | 3.1        | 1.4    | 3.5        | 2.8    |
| 45-49             | 0.0        | 0.0    | 1.0   | 0.7    | 2.4        | 0.0    | 3.5        | 0.7    |
| 50-54             | 0.0        | 0.0    | 1.0   | 0.3    | 2.4        | 0.3    | 3.5        | 1.0    |
| 55-59             | 0.0        | 0.0    | 0.7   | 0.3    | 2.4        | 0.0    | 3.1        | 0.3    |
| 60-64             | 0.0        | 0.0    | 0.0   | 0.0    | 1.0        | 0.0    | 1.0        | 0.0    |
| 65+               | 0.0        | 0.0    | 0.0   | 0.0    | 0.0        | 0.0    | 0.0        | 0.0    |
| Total Population: | 288        |        |       |        |            |        |            |        |

SOURCE: Bureau of Statistics, GNWT, 1986

TABLE 5

ENROLLMENT BY SEX AND GRADE  
For School Years  
1981 - 198

NANISIVIK

| Y E A R S | PRIMARY<br>K - 3 | INTERMEDIATE<br>4 - 6 | MIDDLE<br>7 - 9 | SENIOR<br>10 - 12 | T O T A L |
|-----------|------------------|-----------------------|-----------------|-------------------|-----------|
| 1981-82   | M                | 12                    | 7               | 2                 | 21        |
|           | F                | 22                    | 10              | 3                 | 35        |
|           | T                | 34                    | 17              | 5                 | 56        |
| 1982-83   | M                | 12                    | 12              | 4                 | 28        |
|           | F                | 29                    | 9               | 5                 | 43        |
|           | T                | 41                    | 11              | 9                 | 71        |
| 1983-84   | M                | 21                    | 14              | 10                | 45        |
|           | F                | 22                    | 14              | 7                 | 43        |
|           | T                | 43                    | 28              | 17                | 88        |
| 1984-85   | M                | 15                    | 15              | 11                | 41        |
|           | F                | 25                    | 15              | 5                 | 46        |
|           | T                | 40                    | 31              | 16                | 87        |
| 1985-86   | M                | 17                    | 7               | 9                 | 33        |
|           | F                | 21                    | 9               | 7                 | 37        |
|           | T                | 38                    | 16              | 16                | 70        |

SOURCE: Department of Education, GNWT, 1986

TABLE 6

**SCHOOL ATTENDANCE SUMMARY  
For School Years  
1981 - 1985**

NANISIVIK

| Y E A R S | Number of<br>Students<br>Enrolled | Percentage of non-<br>attendance due to<br>Land Days | Average percentage<br>of attendance |
|-----------|-----------------------------------|--|-------------------------------------|
| 1981 - 82 | 56                                | 0.5  | 71                                  |
| 1982 - 83 | 69                                | 0.5  | 84                                  |
| 1983 - 84 | 98                                | 0.5  | 88                                  |
| 1984 - 85 | 87                                | 0.5  | 87                                  |

TABLE 7

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYDE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 2          | 30    |

SOURCE: Department of Education, GNWT, 1986

TABLE 8

EDUCATION LEVELS, 15+ POPULATION, 1981

## HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION<br>15 yrs+<br>Native | Other | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|---------------------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
| Arctic Bay   | 210                             | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220                             | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Fiord  | 60                              | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155                             | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370                             | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215                             | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230                            | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.

TABLE 9

revised: 87-02-11

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income® | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$224,000           | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000           | \$3,369,000  |
| Grise Fiord    | \$384,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100            | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,811,000       | \$555,000        | \$79,000            | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,698,000      | \$467,600           | \$4,395,000  |
| Resolute Bay   | \$287,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000           | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,328,500       | \$6,535,100      | \$1,306,700         | \$21,185,000 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

® Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 10  
COMMUNITY INCOME BY SOURCE 1982

| Community    | PRIVATE SECTOR                     |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|--------------|------------------------------------|----------------|-----------------|----------------|--------------------|-------------------|-----------------------------------|-----------------|---------------------------|------------------------------|-------------------------------------|
|              | Renewable Resources Harvested*     | PRIMARY SECTOR |                 |                | SECONDARY SECTOR   |                   |                                   | TERTIARY SECTOR |                           |                              |                                     |
|              |                                    | Mining         | Oil & Gas       | Total          | Arts & Crafts      | Construction      | Total                             | Retail          | Tourism                   | Other                        | Total                               |
| Arctic Bay   | \$111,700.00                       | \$210,500.00   | \$170,500.00    | \$692,700.00   | \$50,000.00        | \$85,000.00       | \$98,000.00                       | \$122,000.00    | \$44,400.00               | \$34,000.00                  | \$270,400.00                        |
| Clyde River  | \$74,000.00                        | \$84,000.00    | NA              | \$158,000.00   | \$300,000.00       | \$123,000.00      | \$463,000.00                      | \$170,000.00    | NA                        | NA                           | \$173,000.00                        |
| Grise Fiord  | \$45,100.00                        | NA             | NA              | \$45,100.00    | \$20,000.00        | \$12,000.00       | \$32,000.00                       | \$80,000.00     | \$41,000.00               | \$4,200.00                   | \$105,200.00                        |
| Narsivik     | NA                                 | \$2,578,000.00 | NA              | \$2,578,000.00 | NA                 | NA                | NA                                | \$85,000.00     | NA                        | \$170,000.00                 | \$235,000.00                        |
| Fond Inlet   | \$110,500.00                       | \$5,500.00     | \$490,000.00    | \$606,000.00   | \$70,000.00        | \$100,000.00      | \$170,000.00                      | \$343,000.00    | \$122,500.00              | \$122,700.00                 | \$588,200.00                        |
| Resolute Bay | \$55,100.00                        | NA             | NA              | \$55,100.00    | \$8,000.00         | \$20,000.00       | \$28,000.00                       | \$47,000.00     | \$27,200.00               | \$2,428,000.00               | \$2,502,200.00                      |
| TOTAL        | \$386,300.00                       | \$3,862,000.00 | \$785,500.00    | \$5,044,000.00 | \$466,000.00       | \$363,000.00      | \$789,000.00                      | \$530,000.00    | \$245,100.00              | \$2,782,900.00               | \$3,892,300.00                      |
| Community    | PUBLIC SECTOR                      |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|              | Gov't of the Northwest Territories | Federal Gov't  | Municipal Gov't | Total          | All Sectors Income | Unearned Income † | Imputed Value of Food Harvested ‡ | Total Income    | Average Income per Capita | Average Income per Household | Average Earned Income per Household |
|              |                                    |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
| Arctic Bay   | \$330,000.00                       | \$111,000.00   | \$320,000.00    | \$861,000.00   | \$1,930,100.00     | \$224,000.00      | \$675,000.00                      | \$3,029,100.00  | \$8,077.60                | \$43,270.86                  | \$27,572.56                         |
| Clyde River  | \$544,000.00                       | \$310,000.00   | \$350,000.00    | \$1,204,000.00 | \$2,028,000.00     | \$375,000.00      | \$966,000.00                      | \$3,369,000.00  | \$7,570.79                | \$42,112.50                  | \$25,350.00                         |
| Grise Fiord  | \$244,100.00                       | \$152,000.00   | \$47,000.00     | \$443,100.00   | \$625,500.00       | \$57,100.00       | \$384,000.00                      | \$1,066,600.00  | \$10,158.10               | \$53,320.00                  | \$31,275.00                         |
| Narsivik     | \$235,000.00                       | \$280,000.00   | NA              | \$515,000.00   | \$4,066,000.00     | \$79,000.00       | \$254,000.00                      | \$4,639,000.00  | \$18,073.08               | \$67,128.57                  | \$82,371.43                         |
| Fond Inlet   | \$906,000.00                       | \$683,000.00   | \$429,000.00    | \$1,818,000.00 | \$3,075,200.00     | \$467,000.00      | \$853,000.00                      | \$4,395,200.00  | \$6,235.18                | \$25,166.40                  | \$24,601.60                         |
| Resolute Bay | \$380,000.00                       | \$1,269,000.00 | \$15,000.00     | \$1,644,000.00 | \$4,235,300.00     | \$104,000.00      | \$287,000.00                      | \$4,606,300.00  | \$27,213.53               | \$41,306.25                  | \$37,315.18                         |
| TOTAL        | \$2,879,100.00                     | \$2,495,000.00 | \$1,161,000.00  | \$6,535,100.00 | \$16,280,100.00    | \$1,306,700.00    | \$3,619,000.00                    | \$21,135,300.00 | \$12,888.04               | \$47,052.76                  | \$34,931.01                         |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

† Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.

‡ Estimates based on ERIA's harvesting study, 1981

SOURCE: A Eaffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.



TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>p-<br>loyment | Unem-<br>p-<br>loyment | Unem-<br>p-<br>loyment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|----------------------|------------------------|--------------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)                | (no.)                  | (%)                            | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93                   | 26                     | 22                             | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115                  | 18                     | 14                             | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53                   | 3                      | 5                              | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59                   | -                      | -                              | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183                  | 60                     | 25                             | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40                   | 15                     | 27                             | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985

TABLE 12  
INDUSTRY DIVISION AND CLASS OF WORKERS  
1981 CENSUS

| LOCALITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Alc Bay    | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Alc River  | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Alc Fiord  | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Alc sivilk | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Alc Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Alcolute   | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL      | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. If there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining Industry.

\*\* Employment with the renewable resources sector.

TABLE 13

## CERTIFIED JOURNEYMAN BY COMMUNITY

FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehousman | Burner Mechanic | Industrial Electrician | Refrigeration; Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|
| NANISIVIK*   |           |                        | 6                   |                 |                                | 1                      |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 | 30    |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                        |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 | 2     |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                        |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 | 13    |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                        |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 | 8     |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                        |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 | 6     |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                        |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 | 7     |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                      | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               | 69    |

\* About 30% of certified journeymen from Nanisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
The data is based on home addresses given at the time of certification.  
Thus the particular journeyman may or may not be currently a resident  
of the community indicated.

TABLE 14  
WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: Nanisivik

| SPECIES                       | TOTAL NO.<br>HARVESTED | TOTAL<br>EDIBLE<br>MASS | TOTAL<br>HARVESTED<br>PER CAPITA | PER CAPITA<br>EDIBLE<br>WEIGHT | ESTIMATED MASS<br>USED TO CALCULATE<br>EDIBLE BIOMASS |
|-------------------------------|------------------------|-------------------------|----------------------------------|--------------------------------|---|
| Ringed Seal                   | 334                    | 6680                    | 3.12                             | 62.43                          | 20  |
| Polar Bear                    | 1                      | 159                     | 0.01                             | 1.49                           | 159   |
| Other Marine<br>Mammals (ave) | 11                     | 878                     | 0.1                              | 8.2                            | 79.82   |
| Muskox                        | 0                      | 0                       | 0                                | 0                              | 0   |
| Arctic Hare                   | 61                     | 122                     | 0.57                             | 1.14                           | 2   |
| Caribou                       | 127                    | 6096                    | 1.19                             | 56.97                          | 48  |
| Rock Ptarmigan                | 67                     | 42                      | 0.63                             | 0.39                           | 0.63  |
| Waterfowl (ave)               | 185                    | 295                     | 1.73                             | 2.76                           | 1.59  |
| Seabirds (ave)                | 0                      | 0                       | 0                                | 0                              | 0   |
| Char                          | 128                    | 256                     | 1.2                              | 2.39                           | 2   |
| (anadromous)*                 |                        |                         |                                  |                                |   |
| Other                         | 0                      | 0                       | 0                                | 0                              | 0   |
| Ocean Fish                    |                        |                         |                                  |                                |   |
| Landlocked                    | 0                      | 0                       | 0                                | 0                              | 0   |
| Char                          |                        |                         |                                  |                                |   |
| Lake Trout                    | X                      | X                       | X                                | X                              | X   |
| Other                         |                        |                         |                                  |                                |   |
| Freshwater Fish               | X                      | X                       | X                                | X                              | X   |
| Whale ** (ave)                | 1                      | 496                     | 0.01                             | 4.63                           | 496   |
| TOTALS                        |                        | 15024                   |                                  | 140.4 ***                      |   |

NOTES:

An "X" indicates that data for these species was not collected for this year.  
(ave) indicates that several species were included in this category.  
\* Anadromous implies that fish were caught while ascending rivers to spawn.  
\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 1 Narwal.  
\*\*\* Given that the populatio of Nanisivik is 60% non-native, per capita harvest figures are based on a native population of 107.

SOURCE: Wong, MP, Chemical Residues in Fish and Wildlife Species Harvested  
In Northern Canada, 1985.

TABLE 15

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&M EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&M |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&M     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,06           |
| Clyde River            | 632,226                         | 848,326                  | 304,502          | 1,785,054        | 135,994                           | 6,288          |                          | 142,282          | 1,927,33           |
| Grise Fiord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,46           |
| Nanisivik              | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,32           |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,97           |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 897,201          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,12           |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,30</b>   |

SOURCE: Department of Finance, GNWT, 1986

TABLE 17  
FOOD PRICE INDEXES, By Major Category and Selected Communities  
 Northwest Territories, June 1985  
 (Yellowknife = 100)

| Community   | All Items | Meat | Fish | Dairy & Eggs | Cereal & Bakery | Fruit | Vegetables | Sugar | Coffee & Tea | Fats & Oils | Non-Alcohol. Bev. | Other Food Items |
|-------------|-----------|------|------|--------------|-----------------|-------|------------|-------|--------------|-------------|-------------------|------------------|
| Arctic Bay  | 167       | 142  | 119  | 189          | 115             | 212   | 214        | 157   | 101          | 168         | 150               | 159              |
| Clyde River | 166       | 160  | 127  | 167          | 137             | 176   | 220        | 154   | 100          | 154         | 147               | 154              |
| Grise Fiord | 175       | 130  | 131  | 285          | 145             | 143   | 190        | 175   | 118          | 192         | 174               | 143              |
| Nanisivik   | 163       | 151  | 109  | 201          | 128             | 156   | 191        | 154   | 109          | 141         | 159               | 163              |
| Pond Inlet  | 162       | 142  | 119  | 195          | 113             | 186   | 193        | 148   | 89           | 150         | 140               | 181              |
| Resolute    | 163       | 149  | 116  | 196          | 158             | 143   | 163        | 150   | 136          | 148         | 219               | 159              |

SOURCE: GNWT, Bureau of Statistics, 1985.

FIGURE 1  
**NANISIVIK, 1985**

Population By Age, Sex and Ethnicity

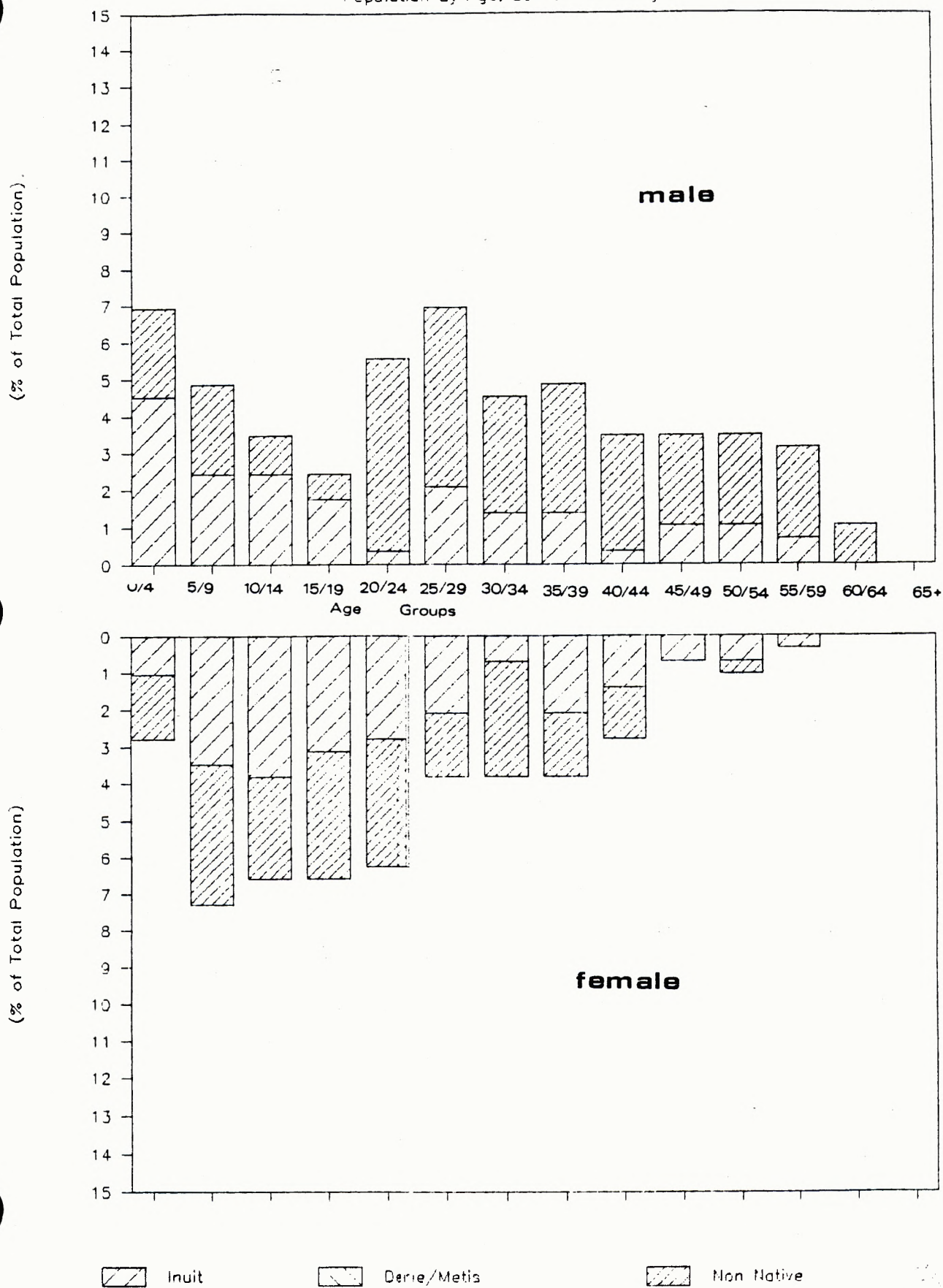


FIGURE 2

# NANISIVIK

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

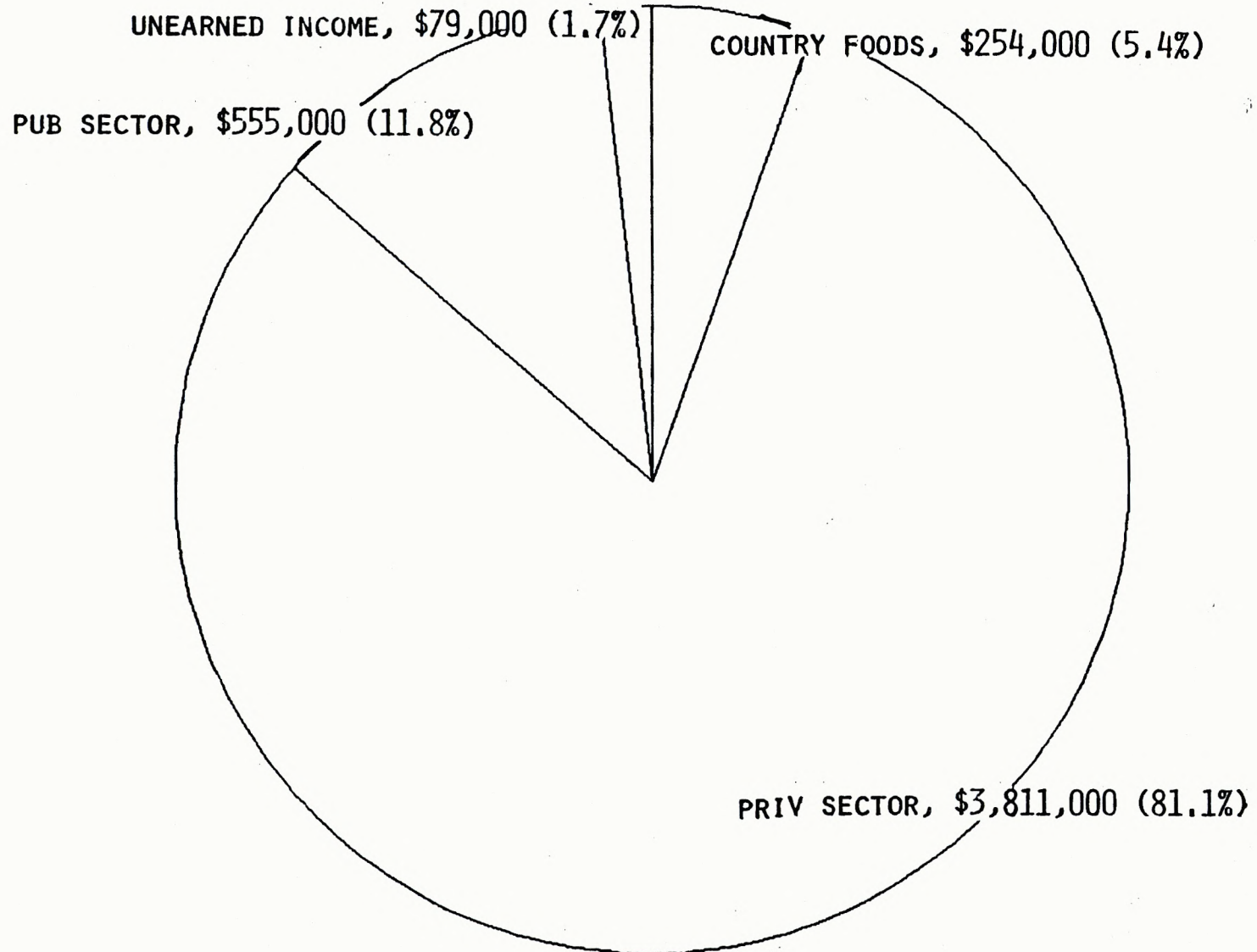
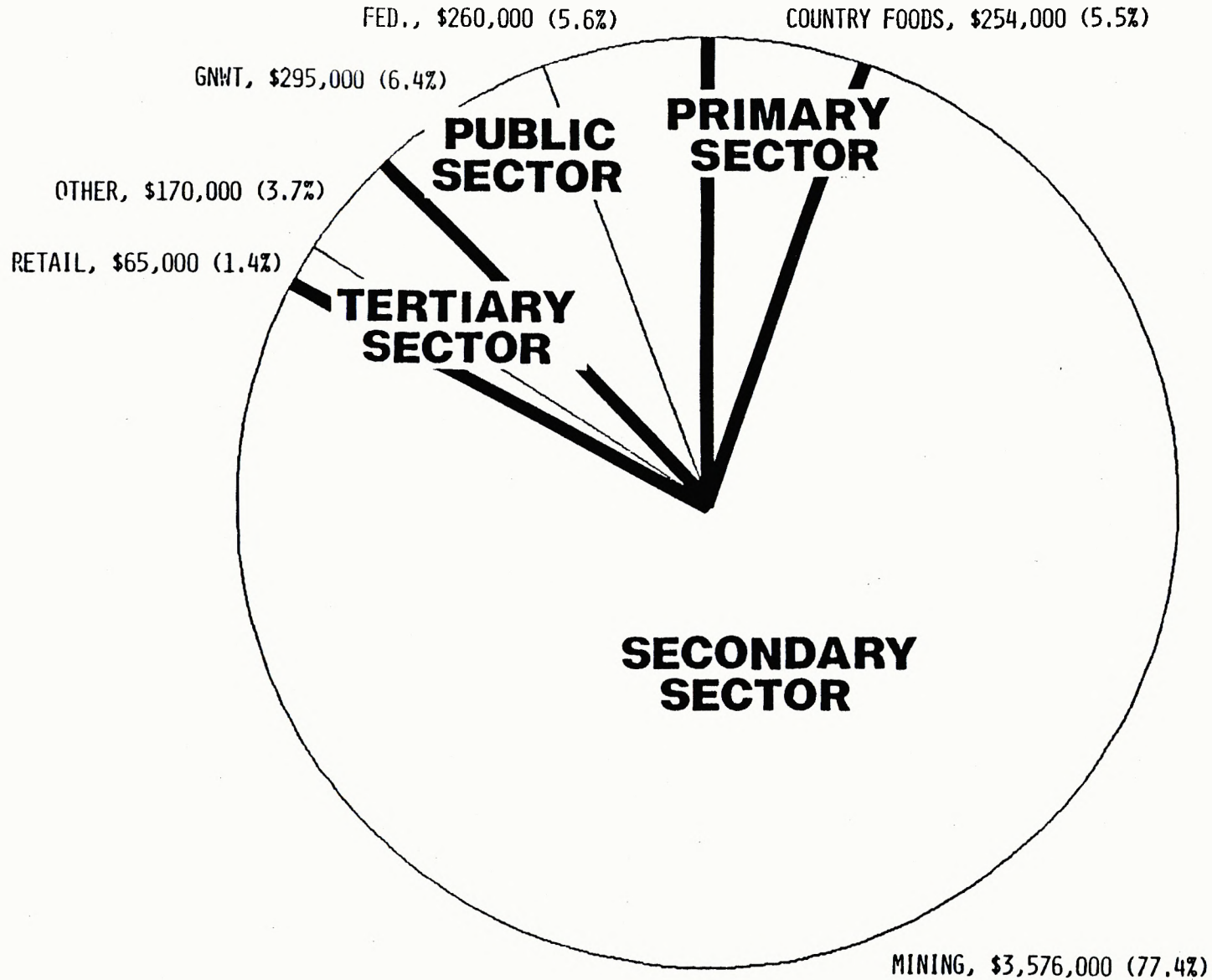




FIGURE 3

# NANISIVIK

## INCOME BY SOURCE AND IMPUTED VALUE OF COUNTRY FOODS, 1982



Source: GNWT Department of Economic Development and Tourism,  
A Baffin Region Economic Baseline Study, 1984.

LANCASTER SOUND  
COMMUNITY PROFILE

POND INLET

Prepared by:

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Northern Land Use Planning Office

February 1987

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# MITTIMATALIK

## POND INLET

### 1. INTRODUCTION

This community profile is organized into three sections:

1. a short section describing history, human resources, economy and future prospects;
2. a section containing figures which illustrate historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which provide the data used to prepare the graphics and text.

In describing the social and economic makeup of the community, this profile will help the people of the community focus on where they have come from, where they are now, and where they are going. This profile is meant to help the community identify opportunities and constraints to development. The community can develop a vision of where it wants to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

### 2. HISTORY

Pond Inlet is located on Eclipse Sound on northern Baffin Island, and is the ancestral homeland of the Inuit of the region. It is rich in prehistory and history. The region around it contains many archaeological sites, particularly those of Thule culture, and is believed to have been the area from which the last Inuit migration to Greenland originated.

Scottish and American whalers reached the area before 1820, and it was from that area, in the 1860's and 1870's, that the epic journey led by the Angakok Kridlak reunited the Inuit of Baffin Island and Greenland, a contact that had been broken for centuries. The Arctic explorer, W.E. Parry, is reputed to have been the first white man to visit the inlet in 1820. The Englishman, John Ross, named this place after the royal astronomer, John Pond, in 1880. The community's Inuktituk name is Mittimatalik, "The Place Where Mittima Rests", after the Inuk Mittima who ran the Subellum trading post at Singiyok in the 1930's.

The present settlement had its beginnings in the establishment of a fur trading post in 1903. As the sole post in the region, it attracted Inuit from both Baffin Island and Foxe Basin. The Hudson's Bay Company opened a trading post at Pond Inlet in 1921, the R.C.M.P. arrived in 1922, and the Anglican and Roman

Catholic missions were established in 1926. The first school was built in 1960 and was expanded in 1966.

Today the Hamlet of Pond Inlet is highly self-sufficient and is regarded as a cultural and economic centre for the north Baffin Island. Until Nanisivik mine was established in 1974 at Strathcona Sound, traditional pursuits and some handicraft production comprised the economic base of the community. With the development of the mine and Panarctic's exploration for oil and gas, and the current move to decentralization by G.N.W.T. from Iqaluit, however, wage employment has become increasingly important to the community.

### 3. HUMAN RESOURCES

#### 3.1 Demography

Pond Inlet's population rose from 53 in 1961 to 786 in 1986 (Statistics Canada, Census). From 1961 to 1986 the population has been increased by 1,483 percent. The largest increase in population occurred between 1961 and 1966, by 335 percent, and between 1966 to 1971 by 231 percent. In subsequent census years, the average rate of growth was about 5 percent per annum (1971-1986). However, between 1976-81 the annual growth rate was about 8 percent. The rapid growth rate reflects the movement of people off the camp sites and migration from other communities into the Pond Inlet area, and their subsequent high rate of natural increase amidst conditions of better health care and housing. Since 1986 the rate of growth is estimated to be about 3 percent. At this growth rate it is estimated that the population will exceed 1,000 people by the year 2000.

Pond Inlet has a very young population. The latest available age-specific population data are from the 1981 Census. They reveal that some 67 percent of the community's population in that year was under the age of 24 (47 percent under the age of 14); 15 percent are between the ages of 25-34; 14 percent are between the ages of 35-54, and 2 percent are between the ages of 55-64 and 65 and older, respectively. The projections to the year 2000 indicate that the community will remain relatively youthful. Many of these young people have reached, or are about to reach, the age when they will seek income producing opportunities and form new family units. It is questionable whether new jobs will be or are available and whether the renewable resource base can accommodate any significant increase in the number of harvesters. Thus, in order to keep its young people from leaving, the community must seek to expand its economy.

In 1981, the community had about 53 percent males and 47 percent females. This difference in sexes is estimated to be about the same to the year 2000.

The majority of residents are Inuit (94% in 1981), and the remainder are English-speaking, government, education, or service industry employees. It is estimated that by the year 2000 the majority of Inuit residents may increase to 96 percent.

### 3.2 Education

The community has a modern school which provides education from kindergarten to grade 10. The grade 10 class was only added in the 1985-86 school year. In 1985-86 it had an enrollment of 268 students. During the same period 47 percent were enrolled in the primary grades (K-3); 23 percent in the intermediate grades (4-6); 14 percent in the middle grades (7-9); and 16 percent in grade 10. From 1981 to 1985 between 42-45 percent of students were enrolled in primary grades and the remainder were equally distributed among the other grades. Enrollment figures from 1981 to 1985 did not substantially fluctuate, ranging from 190 to 226.

The average percentage of attendance fluctuated during the last 4 years (1981-85), ranging from 60 percent for 1981-82 to 76 percent for 1984-85. The percentage of non-attendance due to land days was quite low, ranging from 2 percent for 1982-83 to 4 percent for 1983-84. There appears to be no visible relationship between an increase in land days and attendance, e.g. an increase in land days also shows an increase in attendance. Therefore, non-attendance must be linked to other reasons than participation in renewable resource harvesting.

Students who wish to go to high school (grades 11-12) have to go to Iqaluit. The number of students that were enrolled in high school are not known. However, the data shows that between 1976 and 1985 only 8 students have graduated from high school (grade 12). One of the reasons that so few graduate is that students must leave their home community to attend the regional high school in Iqaluit. Many of the students find it difficult to be away from home for a long period of time and often drop out to return to their home community. Loneliness, alcohol, drugs, and pressure from parents to return home are some of the reasons that students do not complete their studies.

Statistics Canada's 1981 Census indicates that about 62 percent of the working age population (15-64) had less than grade 9 education (27 percent had no schooling at all). The same Census shows that over 11 percent had more than grade 9

schooling; 10 percent had a trade diploma, and about 6 percent had some university education and/or had a university degree or diploma.

Vocational and continuing education are also available in the community. The local adult education centre offers general upgrading, typing, bookkeeping, home management and other educational assistance to the general public; especially to people interested in continuing their education in Thebacha College (Ft. Smith) or at Arctic College in Iqaluit. Some interesting current activities include a program for theatre students such as those who travelled and performed in southern Canada in 1986. A course in Inuit history is also being taught to elders and younger people, which also ties in with the cultural inclusion program of the local Tourism Committee. The Home Management program, which offers subjects, such as special family education and marriage enrichment, is designed to have a trainee to eventually teach the course in Inuktitut.

The area of adult education is one which shows great promise and could provide much needed training, especially for skills and jobs related to tourism, which is rapidly becoming a major source of income and employment for the community. Some early success stories such as the theatre group and the Inuit history courses could go a long way to expand the types of courses offered and their future attractiveness for applicants.

#### 4. ECONOMY

##### 4.1 Introduction

The economy can be broken down into three major categories which include the public, private and renewable resources sectors. The public sector includes income from the territorial, federal and municipal governments, as well as crown corporations. The private sector is made up of local private businesses, oil and gas, mining, tourism and crafts. The third category includes income from sale of raw renewable resources such as fish, meats and furs, as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

The proportion of income from the different sectors based on 1982 data provided by the G.N.W.T. (1984) was: 41 percent from the private sector, 55 percent from the public sector (excluding transfer of payments) and 4 percent from the renewable resources sector (excluding the imputed value of country food).

The economy has evolved from a subsistence hunting, fishing and gathering economy, to one involved in trapping and trading of furs in the late 1800's, to a mixed wage/subsistence economy starting in the 1960's with the expansion of government programs. This has become an increasingly dependent wage economy with the advent of oil and gas exploration and the establishment of Nanisivik's mining project.

According to the 1981 Census, there were 405 people at the working age (15-64), but only 180 people were employed. The majority of the people were employed in the service and secondary sectors. The 1984 labour force survey of G.N.W.T.'s Bureau of Statistics indicates that the unemployment rate was 25 percent (183 people employed), and that the participation rate was 57 percent. Most of the people were employed in the unskilled or semi-skilled jobs. Since 1970 to July 1986, 8 people from Pond Inlet have received Journeyman certification.

The income per capita, excluding imputed value of country food, was about \$5,000 in 1982. If we include the estimated imputed value of country food, the income per capita increased to about \$6,200. Therefore, about 24 percent of the per capita income came from the value of country food.

#### 4.2 Renewable Resources

Pond Inlet and its surrounding area is rich in game and fish. Traditionally, the residents have relied on seal, whale and caribou for meat and have used fish, polar bear, ducks, geese, and other marine animals to supplement their diet. An accurate estimate of the total edible weight of the harvest is not available. According to BRIA's (1982) harvesting study, based on over 77,000 kgs of edible weight, it was estimated that the value of country food was about \$853,000. It was also estimated that the per capita edible weight was about 140 kgs (based on population of 4 years and older). Based on the above per capita meat production, the protein content of this harvest will exceed the required "adequate" diet, as defined by Health and Welfare Canada (Science Advisory Board, 1980). Therefore, with the addition of other wildlife to their diet, one could surmise that the community is more than self sufficient in protein content from wildlife products alone.

Wong (1985), based BRIA's harvesting data of 1983, estimates that the edible weight was about 220,000 kgs, or about 286 kgs per person. Consequently, the imputed value of this edible weight was estimated to be about \$2.4 million, or over \$3,000 per person. Thus, based on the available data, it is possible to conclude that wildlife harvesting does contribute substantially to the local subsistence economy.



Income from fur production has dropped considerably since the 1975-76 trapping season when 90 trappers had a total reported income of about \$93,000 (1985 dollars). During the last 15 years income from fur production fluctuated considerably from an all time high of \$93,000 to a low of \$5,500 in 1983-84 (1985 dollars). The number of registered trappers also fluctuated considerably from an all time high of 111 trappers in 1980-81 to a low of 35 trappers in 1983-84. Generally very few trappers earned more than \$600. For example, in 1984-85 out of 46 trappers only 3 trappers earned more than \$600; one earned up to \$1,000 and only 2 earned between \$1,000-\$5,000. It appears that protest by animal right groups has had a drastic effect on the prices, in particular on the seal skins and on narwhale ivory. Today seal skins are mostly used in producing various handicrafts and clothing. The sale of narwhal ivory still generates more income than furs, despite the European boycott.

Sport hunts for polar bear contributed about \$20,000 gross income, or about \$10,000 in net income in 1985. Future hunts for polar bear and caribou look promising. With proper marketing the community can realize greater income.

It was estimated that hunting and trapping contributed about \$110,500 to the cash economy of the community in 1982. When the imputed value of country food is included, these activities account for 22 percent, or \$964,500, of the total economy for the same period. Thus, the renewable resources did contribute substantially to the local economy, not as much in cash income, but more in subsistence living for many residents.

Subsistence production in Pond Inlet is characterized by a high participation rate by most of the residents throughout the year on a largely part-time and opportunistic basis. Income from wages is usually used to purchase the means of production for harvesting. For most residents, wildlife harvesting is more of a cultural affair rather than a need to acquire the needed staple food for survival.

#### 4.3 Public Sector

The public sector includes employment and income with the Hamlet administration, Housing Association, Nursing Station, the school, R.C.M.P. and different territorial government departments. In 1982 the total income from this was about \$1.7 million. The territorial government contributed 53 percent, the municipal government 25 percent, and the federal government 22 percent. The public sector, apart from being the major contributor to the local cash economy, also provides many essential services free of charge or at a very low cost such as housing, which is not included in the above income.

Apart from providing direct employment to many people, the public sector also provides considerable business opportunities through contracts for goods and services, in particular in the construction of housing and other facilities and in maintenance. During the 1985-86 fiscal year, the G.N.W.T. alone spent about \$1.2 million on salaries and wages; about \$730,000 on grants and contributions; about \$455,000 on operation and maintenance, and about \$574,000 on buildings and works. For the same period, the G.N.W.T.'s total contribution to the local economy was about \$2.9 million (O&M and capital expenditures).

Transfer of payments are also an important additional cash income for many residents. These transfers from the federal and territorial governments accounted for about 13 percent of the total community's cash income, or \$467,600, in 1982. Therefore, if we add this earned income to the total cash earnings, the public sector's contribution will increase to about 61 percent towards the community's total cash income.

In 1984-85, 79 people received social assistance at an average of \$1,727 per person. During the last 5 years the number of recipients fluctuated considerably, ranging from 60 in 1981-82 to 93 in 1983-84. During the 1984-85 fiscal year, about 19 percent of the working age population was on social assistance. The actual time spent on social assistance averaged to about 4.5 months per recipient. This would indicate that social assistance is used to supplement income during periods of low economic activity

The federal transfer of payments were given in the form of family allowance, old age security, unemployment insurance and guaranteed income supplement to pensioners only. It is not known how many people received these payments, but in 1982, about \$337,000 was distributed in Pond Inlet to those that were qualified to receive these payments.

#### 4.4 Private Sector

There is a diversity of small to medium businesses that provide employment and income for many residents. Since 1972, when Panarctic's program had begun and since the Nanisivik project commenced in 1974, many residents had acquired considerable industrial experience. The largest income came from Panarctic's exploration program. For example, 38 people were employed on a seasonal basis in 1982 with a total earnings of about \$490,000. However, with the recent downturn in the oil industry, employment with Panarctic has been reduced considerably.

According to the latest data available, the private sector contributed about \$1.3 million towards the total community's cash income in 1982. The largest income came from oil and gas activities, followed by retail (\$343,000), services (\$128,700), tourism (\$128,500), construction (\$100,000), and arts and crafts (\$100,000).

Most of the local businesses are service oriented and primarily geared to the need of the local market such as local construction, retail merchandise and food sales, hotel and restaurant, freight and fuel delivery, and taxi. The co-op is one of the most significant employers in terms of full-time and part-time employees and income. The co-op has 31 full-time employees and runs a number of businesses including two hotels, a retail store, a coffee shop, fish camp, freight, and fuel delivery. Other major employers include the Hudson's Bay store, the Arctic Research Establishment, First Air and Kenn Borek Airlines, Navaataq Enterprises (pool hall and small store), North Baffin Cable T.V., and Merkosak Taxi.

Given the fact that less employment will be available from oil and gas activities, tourism and arts and crafts will have to bridge the gap. Since major tourism attractions are available, such as the Bylot Island Bird Sanctuary, whale watching, trails, and the recently established Ellesmere Island National Park, these could also attract more tourists to Pond Inlet as it is an obvious stopover point enroute to the park. Thus, with proper marketing, the community can increase the importance of tourism and consequently increase income from arts and crafts.

#### 4.5 Cost of Living

The cost of living in 1983 was about 70-79 percent higher than Montreal. This is mainly due to its remoteness and the high cost of transportation. All fresh produce and perishable items must be flown in from Montreal via Iqaluit.

The 1985 food price survey of the G.N.W.T., Bureau of Statistics, shows that food prices for all items were about 62 percent higher than Yellowknife. The highest costs were for dairy and eggs (95%), vegetables (93%), and fruit (86%). Therefore, if local people have to spend their cash income on the above items, their actual earnings will be diminished.

#### 5. FUTURE PROSPECTS

Currently, the local economy is of a mixed character; people work for wages and use a portion of the income from such work to purchase capital goods needed for a land-based lifestyle.

Even though a shift towards increased industrial employment is unlikely due to the economic downturn of oil and gas activities, expectations are rising, and more people are becoming interested in working for wages. However, the way of life involving renewable resource harvesting as a cash income and as a source of food will continue to be a strong factor in the community in the future. Harvest of wildlife for food by-and-large does not show up in terms of cash income and is often difficult to measure directly. A basic concern that needs to be addressed is the level of harvest of different wildlife species that can be sustained without depleting the resource. A depletion of the resource could have a negative effect in the loss of country food as a food source, as well as the scarcity of animals could frustrate tourists who wish to view animals in their natural habitat close to the community.

Another development that will have negative consequences is the impending closure of the Nanisivik mine, now projected for 1992. The mine has hired a number of people from the community since 1974 and many have come to rely on this particular source of income. Nevertheless, opportunities may be forthcoming and thus, in order to prepare people for future industrial employment and business opportunities, there will exist a need to expand the role of small businesses and to train young people for employment in higher skilled occupations.

Tourism could generate more jobs and cash income for the residents of Pond Inlet. The community has a number of drawing cards to attract tourists seeking a traditional Arctic experience. The area offers beautiful scenery and is rich in wildlife. In addition, the people of the community lead a relatively traditional lifestyle, making it attractive to tourists who want to experience a unique culture. With proper marketing the community might be able to increase the importance of tourism.

Traditional hunting and trapping pursuits will probably continue to play a large role in the economic and cultural life of the community. An upturn in the price of fur would increase the cash value of hunting and trapping. The value of hunting and trapping to the community cannot be overestimated. A policy of managing the land, the sea, fish and game will ensure Pond Inlet's continuing ability to use these essential resources in the future.

TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

| Community    | 1961 - 2005       |                   |                   |                   |                   |                   |                         |                   |                   |                   |      |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|------|
|              | Historic Records  |                   |                   |                   |                   |                   | Estimated and Projected |                   |                   |                   |      |
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup>       | 1995 <sup>2</sup> | 2000 <sup>2</sup> | 2005 <sup>2</sup> |      |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504                     | 591               | 681               | 782               | 961  |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586                     | 673               | 756               | 841               | 1163 |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162                     | 190               | 210               | 224               | 61   |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325                     | 367               | 406               | 430               | N/A  |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939                     | 1063              | 1186              | 1332              | 1483 |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188                     | 212               | 236               | 262               | 19   |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704                    | 3096              | 3475              | 3871              | 638  |

Sources: <sup>1</sup> Statistics Canada, census data

<sup>2</sup> GNWT, Bureau of Statistics

POPULATION BY ETHNIC ORIGIN  
AGE AND SEX FOR CENSUS YEARS

AND PROJECTIONS  
COMMUNITY: POND INLET

TABLE 2

| Year   | Ethnicity  | Sex | All Ages | %     | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |
|--------|------------|-----|----------|-------|-----|------|-------|-------|-------|-------|-----|
| 1976** | ALL GROUPS | M   | 265      | 53.0  | 45  | 80   | 45    | 40    | 45    | 5     | 5   |
|        |            | F   | 240      | 47.0  | 40  | 75   | 45    | 45    | 30    | 10    | 5   |
|        |            | T   | 500      | 100.0 | 85  | 150  | 90    | 85    | 70    | 15    | 10  |
| 1981** | ALL GROUPS | M   | 375      | 53.0  | 70  | 115  | 65    | 60    | 60    | 5     | 10  |
|        |            | F   | 330      | 47.0  | 65  | 85   | 75    | 45    | 45    | 10    | 5   |
|        |            | T   | 705      | 100.0 | 140 | 195  | 135   | 105   | 100   | 15    | 15  |
|        | DENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT      | M   | 345      | --    | 65  | 110  | 60    | 45    | 45    | 5     | 5   |
|        |            | F   | 310      | --    | 70  | 80   | 70    | 40    | 55    | --    | 10  |
|        |            | T   | 660      | 94.0  | 135 | 185  | 125   | 85    | 100   | 5     | 15  |
|        | NON NATIVE | M   | 25       | --    | --  | 5    | 5     | 15    | 5     | 5     | --  |
|        |            | F   | 15       | --    | --  | 5    | 5     | 10    | 5     | --    | --  |
|        |            | T   | 45       | 6.0   | 5   | 10   | 5     | 20    | 10    | --    | --  |
| 1985*  | ALL GROUPS | M   | 427      | 53.0  | 81  | 123  | 76    | 65    | 59    | 16    | 7   |
|        |            | F   | 381      | 47.0  | 69  | 98   | 85    | 55    | 50    | 13    | 11  |
|        |            | T   | 808      | 100.0 | 150 | 221  | 161   | 120   | 109   | 29    | 18  |
|        | DENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT      | M   | 398      | --    | 79  | 119  | 72    | 56    | 51    | 14    | 7   |
|        |            | F   | 359      | --    | 65  | 96   | 80    | 48    | 47    | 12    | 11  |
|        |            | T   | 757      | 94.0  | 144 | 215  | 152   | 104   | 98    | 26    | 18  |
|        | NON NATIVE | M   | 29       | --    | 2   | 4    | 4     | 9     | 8     | 2     | --  |
|        |            | F   | 22       | --    | 4   | 2    | 5     | 7     | 7     | 1     | --  |
|        |            | T   | 51       | 6.0   | 6   | 6    | 9     | 16    | 11    | 3     | --  |
| 1990*  | ALL GROUPS | M   | 496      | 53.0  | 74  | 150  | 95    | 72    | 77    | 17    | 11  |
|        |            | F   | 443      | 47.0  | 69  | 125  | 85    | 73    | 59    | 24    | 9   |
|        |            | T   | 939      | 100.0 | 143 | 275  | 180   | 145   | 135   | 41    | 20  |
|        | DENE/METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        |            | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|        | INUIT      | M   | 467      | --    | 72  | 146  | 92    | 63    | 68    | 16    | 10  |
|        |            | F   | 421      | --    | 66  | 123  | 79    | 66    | 55    | 23    | 9   |
|        |            | T   | 888      | 95.0  | 138 | 269  | 171   | 129   | 123   | 39    | 19  |
|        | NON NATIVE | M   | 29       | --    | 2   | 4    | 3     | 9     | 9     | 1     | 1   |
|        |            | F   | 22       | --    | 3   | 2    | 6     | 7     | 3     | 1     | --  |
|        |            | T   | 51       | 5.0   | 5   | 6    | 9     | 16    | 12    | 2     | 1   |

\*\* Estimated and projected on zero growth due migration.  
\* Based on Statistics Canada Census.

\*\*\*\*\*  
PRELIMINARY POPULATION PROJECTIONS  
\*\*\*\*\*

Next planned update: Sept 1986

1986 May 8

GOVERNMENT OF THE NORTHWEST TERRITORIES  
BUREAU OF STATISTICS

PRELIMINARY POPULATION PROJECTIONS  
POPULATION BY AGE BY ETHNICITY BY SEX

Base year : 1985 June  
Fertility/Mortality Rates : Model 2  
Growth due to migration : 0

SETTLEMENT/REGION : Pond Inlet

| Year | Group      | Sex | All Ages | Age Groups |     |       |       |       |       |       |       |       |       |       |       |       |     |
|------|------------|-----|----------|------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|      |            |     |          | 0-4        | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |
| 1985 | All Groups | T   | 808      | 150        | 127 | 94    | 84    | 77    | 65    | 55    | 37    | 30    | 21    | 21    | 20    | 9     | 18  |
|      |            | F   | 427      | 81         | 69  | 54    | 41    | 35    | 34    | 31    | 21    | 19    | 11    | 11    | 8     | 7     | 7   |
|      |            |     | 381      | 69         | 58  | 40    | 43    | 42    | 31    | 24    | 16    | 11    | 10    | 13    | 11    | 2     | 11  |
|      | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      | Inuit      | T   | 757      | 144        | 125 | 90    | 81    | 71    | 58    | 46    | 31    | 25    | 21    | 21    | 18    | 8     | 18  |
|      |            | F   | 398      | 79         | 67  | 52    | 40    | 32    | 31    | 25    | 17    | 15    | 11    | 8     | 8     | 2     | 7   |
|      |            |     | 359      | 65         | 58  | 38    | 41    | 39    | 27    | 21    | 14    | 10    | 10    | 13    | 10    | 2     | 11  |
|      | Non Native | T   | 51       | 2          | 2   | 4     | 3     | 6     | 7     | 9     | 6     | 5     | -     | -     | 2     | 1     | -   |
|      |            | F   | 29       | 4          | -   | 2     | 2     | 3     | 3     | 4     | 4     | 4     | -     | -     | 1     | -     | -   |
|      |            |     | 22       | -          | -   | 2     | 2     | 3     | 4     | 3     | 2     | 1     | -     | -     | -     | -     | -   |
| 1990 | All Groups | T   | 939      | 143        | 147 | 128   | 93    | 87    | 78    | 67    | 50    | 36    | 28    | 21    | 22    | 19    | 20  |
|      |            | F   | 496      | 74         | 81  | 69    | 53    | 42    | 36    | 36    | 28    | 21    | 17    | 11    | 9     | 8     | 11  |
|      |            |     | 443      | 69         | 66  | 59    | 40    | 45    | 42    | 31    | 22    | 15    | 10    | 13    | 11    | 9     | 9   |
|      | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      | Inuit      | T   | 888      | 138        | 144 | 125   | 90    | 81    | 71    | 58    | 46    | 31    | 25    | 21    | 21    | 18    | 19  |
|      |            | F   | 467      | 72         | 79  | 67    | 52    | 40    | 32    | 31    | 25    | 17    | 15    | 11    | 8     | 8     | 10  |
|      |            |     | 421      | 66         | 65  | 58    | 38    | 41    | 39    | 27    | 21    | 14    | 10    | 13    | 10    | 10    | 9   |
|      | Non Native | T   | 51       | 3          | 3   | 3     | 3     | 6     | 7     | 9     | 4     | 5     | 3     | -     | 1     | 1     | 1   |
|      |            | F   | 29       | 3          | 2   | 2     | 2     | 2     | 4     | 5     | 3     | 4     | 2     | -     | 1     | -     | 1   |
|      |            |     | 22       | 1          | 1   | 1     | 1     | 4     | 3     | 4     | 1     | 1     | -     | -     | -     | -     | 1   |
| 1995 | All Groups | T   | 1,063    | 146        | 136 | 144   | 125   | 96    | 88    | 80    | 62    | 49    | 34    | 28    | 22    | 21    | 22  |
|      |            | F   | 559      | 75         | 72  | 78    | 67    | 54    | 43    | 38    | 33    | 28    | 19    | 17    | 12    | 9     | 8   |
|      |            |     | 504      | 71         | 64  | 66    | 58    | 42    | 45    | 42    | 29    | 21    | 15    | 11    | 10    | 13    | 13  |
|      | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      | Inuit      | T   | 1,012    | 141        | 134 | 140   | 123   | 90    | 81    | 71    | 58    | 46    | 31    | 25    | 21    | 21    | 30  |
|      |            | F   | 530      | 73         | 70  | 75    | 66    | 52    | 40    | 32    | 31    | 25    | 17    | 15    | 11    | 8     | 14  |
|      |            |     | 482      | 68         | 64  | 64    | 57    | 38    | 41    | 39    | 27    | 21    | 14    | 10    | 10    | 13    | 16  |
|      | Non Native | T   | 51       | 3          | 3   | 3     | 3     | 6     | 7     | 9     | 4     | 5     | 3     | -     | 1     | -     | 2   |
|      |            | F   | 29       | 3          | 2   | 2     | 2     | 2     | 3     | 3     | 2     | 3     | 2     | -     | 1     | -     | 1   |
|      |            |     | 22       | 1          | 1   | 1     | 1     | 4     | 4     | 3     | 2     | 1     | -     | -     | -     | -     | 1   |
| 2000 | All Groups | T   | 1,186    | 165        | 143 | 135   | 137   | 121   | 93    | 87    | 73    | 61    | 47    | 34    | 29    | 21    | 40  |
|      |            | F   | 628      | 87         | 79  | 71    | 75    | 64    | 51    | 44    | 44    | 35    | 23    | 19    | 18    | 11    | 17  |
|      |            |     | 560      | 78         | 68  | 64    | 62    | 57    | 42    | 43    | 38    | 28    | 21    | 15    | 10    | 23    |     |
|      | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      | Inuit      | T   | 1,130    | 154        | 141 | 132   | 134   | 116   | 86    | 78    | 69    | 58    | 46    | 31    | 25    | 21    | 39  |
|      |            | F   | 594      | 81         | 73  | 69    | 74    | 62    | 48    | 39    | 32    | 31    | 25    | 17    | 15    | 11    | 17  |
|      |            |     | 536      | 73         | 68  | 63    | 60    | 54    | 38    | 39    | 37    | 27    | 21    | 14    | 10    | 10    | 22  |
|      | Non Native | T   | 56       | 11         | 2   | 3     | 3     | 5     | 7     | 9     | 4     | 5     | 1     | -     | 4     | -     | 1   |
|      |            | F   | 32       | 6          | 2   | 1     | 1     | 2     | 3     | 3     | 2     | 3     | 2     | -     | 3     | -     | 1   |
|      |            |     | 24       | 5          | -   | 1     | 2     | 3     | 4     | 4     | 1     | 1     | -     | 1     | -     | -     | 1   |
| 2005 | All Groups | T   | 1,332    | 179        | 159 | 143   | 133   | 140   | 121   | 91    | 81    | 70    | 59    | 47    | 39    | 28    | 46  |
|      |            | F   | 704      | 92         | 84  | 75    | 69    | 75    | 64    | 52    | 41    | 34    | 31    | 26    | 20    | 17    | 24  |
|      |            |     | 628      | 87         | 75  | 68    | 64    | 64    | 56    | 39    | 40    | 36    | 28    | 21    | 15    | 24    |     |
|      | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      |            | F   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|      | Inuit      | T   | 1,273    | 170        | 151 | 140   | 131   | 134   | 115   | 82    | 77    | 67    | 58    | 46    | 31    | 25    | 46  |
|      |            | F   | 670      | 88         | 78  | 73    | 68    | 74    | 62    | 47    | 39    | 31    | 31    | 25    | 17    | 15    | 22  |
|      |            |     | 603      | 82         | 73  | 67    | 63    | 60    | 53    | 35    | 38    | 36    | 27    | 21    | 14    | 10    | 24  |
|      | Non Native | T   | 59       | 9          | 8   | 3     | 2     | 6     | 6     | 9     | 4     | 5     | 1     | -     | 4     | -     | 1   |
|      |            | F   | 34       | 4          | 6   | 2     | 1     | 2     | 3     | 3     | 2     | 3     | -     | -     | 3     | -     | 1   |
|      |            |     | 25       | 5          | 2   | 1     | 1     | 4     | 4     | 4     | 2     | 1     | -     | 1     | -     | -     | 1   |

SOURCE: Bureau of Statistics, GNWT, 1986

TABLE 4

POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
SETTLEMENT/REGION: POND INLET

## Raw Population Statistics:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0          | 0      | 0     | 79    | 65     | 144   | 2          | 4      | 6     | 31         | 69     | 150   |
| 5-9       | 0          | 0      | 0     | 67    | 58     | 125   | 2          | 0      | 2     | 69         | 58     | 127   |
| 10-14     | 0          | 0      | 0     | 52    | 38     | 90    | 2          | 2      | 4     | 54         | 40     | 94    |
| 15-19     | 0          | 0      | 0     | 40    | 41     | 81    | 1          | 2      | 3     | 41         | 43     | 84    |
| 20-24     | 0          | 0      | 0     | 32    | 39     | 71    | 3          | 3      | 6     | 35         | 42     | 77    |
| 25-29     | 0          | 0      | 0     | 31    | 27     | 58    | 3          | 4      | 7     | 34         | 31     | 65    |
| 30-34     | 0          | 0      | 0     | 25    | 21     | 46    | 6          | 3      | 9     | 31         | 24     | 55    |
| 35-39     | 0          | 0      | 0     | 17    | 14     | 31    | 4          | 2      | 6     | 21         | 16     | 37    |
| 40-44     | 0          | 0      | 0     | 15    | 10     | 25    | 4          | 1      | 5     | 19         | 11     | 30    |
| 45-49     | 0          | 0      | 0     | 11    | 10     | 21    | 0          | 0      | 0     | 11         | 10     | 21    |
| 50-54     | 0          | 0      | 0     | 8     | 13     | 21    | 0          | 0      | 0     | 8          | 13     | 21    |
| 55-59     | 0          | 0      | 0     | 8     | 10     | 13    | 1          | 1      | 2     | 3          | 11     | 20    |
| 60-64     | 0          | 0      | 0     | 6     | 2      | 8     | 1          | 0      | 1     | 7          | 2      | 9     |
| 65+       | 0          | 0      | 0     | 7     | 11     | 18    | 0          | 0      | 0     | 7          | 11     | 18    |

Total Population: 808

## Population By Percentages:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0.0        | 0.0    | 0.0   | 9.8   | 8.0    | 17.8  | 0.2        | 0.5    | 0.7   | 10.0       | 8.5    | 18.6  |
| 5-9       | 0.0        | 0.0    | 0.0   | 8.3   | 7.2    | 15.5  | 0.2        | 0.0    | 0.2   | 8.5        | 7.2    | 15.7  |
| 10-14     | 0.0        | 0.0    | 0.0   | 6.4   | 4.7    | 11.1  | 0.2        | 0.2    | 0.5   | 6.7        | 5.0    | 11.6  |
| 15-19     | 0.0        | 0.0    | 0.0   | 5.0   | 5.1    | 10.0  | 0.1        | 0.2    | 0.4   | 5.1        | 5.3    | 10.4  |
| 20-24     | 0.0        | 0.0    | 0.0   | 4.0   | 4.8    | 8.8   | 0.4        | 0.4    | 0.7   | 4.3        | 5.2    | 9.5   |
| 25-29     | 0.0        | 0.0    | 0.0   | 3.8   | 3.3    | 7.2   | 0.4        | 0.5    | 0.9   | 4.2        | 3.8    | 8.0   |
| 30-34     | 0.0        | 0.0    | 0.0   | 3.1   | 2.6    | 5.7   | 0.7        | 0.4    | 1.1   | 3.3        | 3.0    | 6.3   |
| 35-39     | 0.0        | 0.0    | 0.0   | 2.1   | 1.7    | 3.8   | 0.5        | 0.2    | 0.7   | 2.6        | 2.0    | 4.6   |
| 40-44     | 0.0        | 0.0    | 0.0   | 1.9   | 1.2    | 3.1   | 0.5        | 0.1    | 0.6   | 2.4        | 1.4    | 3.7   |
| 45-49     | 0.0        | 0.0    | 0.0   | 1.4   | 1.2    | 2.6   | 0.0        | 0.0    | 0.0   | 1.4        | 1.2    | 2.6   |
| 50-54     | 0.0        | 0.0    | 0.0   | 1.0   | 1.6    | 2.6   | 0.0        | 0.0    | 0.0   | 1.0        | 1.6    | 2.6   |
| 55-59     | 0.0        | 0.0    | 0.0   | 1.0   | 1.2    | 2.2   | 0.1        | 0.1    | 0.2   | 1.1        | 1.4    | 2.5   |
| 60-64     | 0.0        | 0.0    | 0.0   | 0.7   | 0.2    | 1.0   | 0.1        | 0.0    | 0.1   | 0.8        | 0.2    | 1.1   |
| 65+       | 0.0        | 0.0    | 0.0   | 0.9   | 1.4    | 2.2   | 0.0        | 0.0    | 0.0   | 0.9        | 1.4    | 2.2   |

SOURCE: Bureau of Statistics, GNWT, 1986



ENROLMENT BY SEX AND GRADE  
For School Years  
1981 - 1985

TABLE 5

POND INLET

| Y E A R S |   | PRIMARY<br>K - 3 | INTERMEDIATE<br>4 - 6 | MIDDLE<br>7 - 9 | SENIOR<br>10 - 12 | T O T A L |
|-----------|---|------------------|-----------------------|-----------------|-------------------|-----------|
| 1981-82   | M | 51               | 21                    | 26              |                   | 98        |
|           | F | 33               | 30                    | 29              |                   | 92        |
|           | T | 84               | 51                    | 55              |                   | 190       |
| 1982-83   | M | 51               | 28                    | 26              |                   | 105       |
|           | F | 44               | 23                    | 35              |                   | 102       |
|           | T | 95               | 51                    | 61              |                   | 207       |
| 1983-84   | M | 49               | 30                    | 32              |                   | 111       |
|           | F | 47               | 30                    | 29              |                   | 115       |
|           | T | 96               | 60                    | 61              |                   | 226       |
| 1984-85   | M | 50               | 35                    | 27              |                   | 112       |
|           | F | 49               | 26                    | 34              |                   | 109       |
|           | T | 99               | 61                    | 61              |                   | 221       |
| 1985-86   | M | 66               | 28                    | 16              | 19                | 132       |
|           | F | 61               | 34                    | 22              | 24                | 136       |
|           | T | 127              | 62                    | 38              | 43                | 268       |

SCHOOL ATTENDANCE SUMMARY  
For School Years  
1981 - 1985

TABLE 6

POND INLET

| Y E A R S | Number of<br>Students<br>Enrolled | Percentage of non-<br>attendance due to<br>Land Days | Average percentage<br>of attendance |
|-----------|-----------------------------------|--|-------------------------------------|
| 1981 - 82 | 190                               | 4  | 60                                  |
| 1982 - 83 | 207                               | 2  | 67                                  |
| 1983 - 84 | 233                               | 4  | 73                                  |
| 1984 - 85 | 230                               | 3  | 76                                  |

SOURCE: Department of Education, GNWT, 1986

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYDE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 2          | 30    |

TABLE 8  
EDUCATION LEVELS, 15+ POPULATION, 1981

HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION<br>15 yrs+ |       | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|-----------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
|              | Native                | Other |                 |       |       |                     |                   |                    |                               |
| Arctic Bay   | 210                   | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220                   | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Fiord  | 60                    | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155                   | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370                   | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215                   | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230                  | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.

TABLE 9

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

revised: 87-02-11

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income® | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$221,000           | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000           | \$3,369,000  |
| Grise Fiord    | \$304,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100            | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,011,000       | \$555,000        | \$79,000            | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,690,000      | \$467,600           | \$4,395,800  |
| Resolute Bay   | \$207,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000           | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,320,500       | \$6,535,100      | \$1,306,700         | \$21,185,800 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

® Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 10  
**COMMUNITY INCOME BY SOURCE 1982**

| Community    | PRIVATE SECTOR                     |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|--------------|------------------------------------|----------------|-----------------|----------------|--------------------|-------------------|-----------------------------------|-----------------|---------------------------|------------------------------|-------------------------------------|
|              | PRIMARY SECTOR                     |                |                 |                | SECONDARY SECTOR   |                   |                                   | TERTIARY SECTOR |                           |                              |                                     |
|              | Renewable Resource Harvests*       | Mining         | Oil & Gas       | Total          | Arts & Crafts      | Construction      | Total                             | Retail          | Tourism                   | Other                        | Total                               |
| Arctic Bay   | \$111,700.00                       | \$210,500.00   | \$270,200.00    | \$600,700.00   | \$30,000.00        | \$88,000.00       | \$38,000.00                       | \$122,000.00    | \$44,400.00               | \$34,000.00                  | \$270,400.00                        |
| Clyde River  | \$74,000.00                        | \$84,000.00    | NA              | \$158,000.00   | \$300,000.00       | \$183,000.00      | \$483,000.00                      | \$170,000.00    | NA                        | NA                           | \$173,000.00                        |
| Grise Fiord  | \$45,200.00                        | NA             | NA              | \$45,200.00    | \$20,000.00        | \$12,000.00       | \$32,000.00                       | \$60,000.00     | \$41,000.00               | \$4,200.00                   | \$105,200.00                        |
| Nanisivik    | NA                                 | \$3,576,000.00 | NA              | \$3,576,000.00 | NA                 | NA                | NA                                | \$65,000.00     | NA                        | \$170,000.00                 | \$235,000.00                        |
| Pond Inlet   | \$110,500.00                       | \$4,500.00     | \$490,000.00    | \$602,000.00   | \$70,300.00        | \$100,000.00      | \$170,000.00                      | \$343,000.00    | \$126,500.00              | \$128,700.00                 | \$598,200.00                        |
| Resolute Bay | \$55,100.00                        | NA             | NA              | \$55,100.00    | \$6,000.00         | \$20,000.00       | \$26,000.00                       | \$47,000.00     | \$37,200.00               | \$2,428,000.00               | \$2,510,200.00                      |
| TOTAL        | \$398,500.00                       | \$2,882,000.00 | \$766,500.00    | \$5,044,900.00 | \$426,600.00       | \$383,000.00      | \$789,600.00                      | \$530,000.00    | \$249,100.00              | \$2,762,900.00               | \$3,832,000.00                      |
| Community    | PUBLIC SECTOR                      |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|              | Gov't of the Northwest Territories | Federal Gov't  | Municipal Gov't | Total          | All Sectors Income | Unearned Income † | Imputed Value of Food Harvested † | Total Income    | Average Income per Capita | Average Income per Household | Average Earned Income per Household |
|              | Arctic Bay                         | \$530,000.00   | \$111,000.00    | \$320,000.00   | \$961,000.00       | \$1,930,100.00    | \$214,000.00                      | \$875,000.00    | \$3,029,100.00            | \$6,077.60                   | \$48,272.86                         |
| Clyde River  | \$544,000.00                       | \$340,000.00   | \$550,000.00    | \$1,434,000.00 | \$2,928,000.00     | \$375,000.00      | \$966,000.00                      | \$3,269,000.00  | \$7,570.79                | \$42,110.50                  | \$25,350.00                         |
| Grise Fiord  | \$244,100.00                       | \$150,000.00   | \$47,000.00     | \$441,100.00   | \$825,500.00       | \$57,100.00       | \$384,000.00                      | \$1,266,600.00  | \$10,158.10               | \$19,330.00                  | \$31,275.00                         |
| Nanisivik    | \$295,000.00                       | \$260,000.00   | NA              | \$555,000.00   | \$4,028,000.00     | \$79,000.00       | \$254,000.00                      | \$4,359,000.00  | \$18,073.03               | \$67,128.57                  | \$82,371.43                         |
| Pond Inlet   | \$906,000.00                       | \$363,000.00   | \$429,000.00    | \$1,698,000.00 | \$3,075,000.00     | \$467,000.00      | \$843,000.00                      | \$4,395,000.00  | \$6,235.18                | \$37,168.40                  | \$24,601.60                         |
| Resolute Bay | \$360,000.00                       | \$1,269,000.00 | \$15,000.00     | \$1,644,000.00 | \$4,235,300.00     | \$104,000.00      | \$287,000.00                      | \$4,626,300.00  | \$27,213.53               | \$41,366.25                  | \$37,315.18                         |
| TOTAL        | \$2,879,100.00                     | \$2,495,000.00 | \$1,161,000.00  | \$6,535,100.00 | \$16,260,100.00    | \$1,306,700.00    | \$3,619,000.00                    | \$21,185,300.00 | \$12,888.04               | \$47,052.76                  | \$34,831.01                         |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

† Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.

‡ Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GNWT.

TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>ployment | Unem-<br>ployment | Unem-<br>ployment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|-----------------|-------------------|---------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)           | (no.)             | (%)                       | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93              | 26                | 22                        | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115             | 18                | 14                        | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53              | 3                 | 5                         | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59              | -                 | -                         | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183             | 60                | 25                        | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40              | 15                | 27                        | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985

TABLE 12  
INDUSTRY DIVISION AND CLASS OF WORKERS  
1981 CENSUS

| COMMUNITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|-------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Arctic Bay  | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Clyde River | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Grise Flord | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Nanisivik   | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Pond Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Resolute    | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL       | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. If there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining Industry.

\*\* Employment with the renewable resources sector.



TABLE 13  
CERTIFIED JOURNEYMAN BY COMMUNITY  
FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehouseman | Burner Mechanic | Industrial Electrician | Refrigeration; Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |    |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|-------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|----|
| NANISIVIK*   |           |                        | 6                   |                 |                                | 1                       |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 |       | 30 |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                         |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 |       | 2  |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                         |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 |       | 13 |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 8  |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                         |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 |       | 6  |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 7  |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                       | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               |       | 69 |

\* About 30% of certified journeymen from Nanisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
 The data is based on home addresses given at the time of certification.  
 Thus the particular journeyman may or may not be currently a resident  
 of the community indicated.

TABLE 14

## TRAPPER INCOME BY COMMUNITY, LANCASTER SOUND REGION

Settlement: POND INLET

| Year      | Total<br>Number of<br>Trappers | Total No.<br>Trappers<br>Earning<br>Over \$400 | Total No.<br>Trappers<br>Earning<br>Over \$600 | # of Trappers Earning |                       |          | Total Income From<br>Trapping |                 | Average Trapper<br>Income |                 |
|-----------|--------------------------------|--|--|-----------------------|-----------------------|----------|-------------------------------|-----------------|---------------------------|-----------------|
|           |                                |  |  | \$400 to<br>\$1,000   | \$1,000 to<br>\$5,000 | \$5,000+ | Real<br>Dollars               | 1985<br>Dollars | Real<br>Dollars           | 1985<br>Dollars |
| 1973-1974 | 93                             | 24   | -  | 15                    | 5                     | 4        | \$28,630.50                   | \$68,973.48     | \$307.85                  | \$741.65        |
| 1974-1975 | 91                             | 26   | -  | 18                    | 8                     | -        | \$35,141.00                   | \$76,409.15     | \$386.16                  | \$839.66        |
| 1975-1976 | 90                             | 37   | -  | 22                    | 15                    | -        | \$45,847.00                   | \$92,714.44     | \$509.41                  | \$1,030.16      |
| 1976-1977 | 100                            | 49   | -  | 29                    | 20                    | -        | \$58,906.00                   | \$60,390.96     | \$322.37                  | \$603.91        |
| 1977-1978 | 83                             | -  | 1  | -                     | -                     | 1        | \$32,237.00                   | \$55,487.77     | \$553.45                  | \$952.62        |
| 1978-1979 | 90                             | -  | 24   | 6                     | 18                    | -        | \$45,936.00                   | \$72,404.70     | \$510.40                  | \$804.50        |
| 1979-1980 | 169                            | -  | 23   | 8                     | 15                    | -        | \$44,842.00                   | \$64,160.88     | \$411.39                  | \$588.63        |
| 1980-1981 | 111                            | -  | 36   | 13                    | 23                    | -        | \$58,508.79                   | \$74,423.18     | \$527.11                  | \$670.48        |
| 1981-1982 | 89                             | -  | 17   | 7                     | 10                    | -        | \$30,457.00                   | \$34,965.08     | \$342.21                  | \$392.87        |
| 1982-1983 | 37                             | -  | 12   | 4                     | 8                     | -        | \$16,921.00                   | \$18,364.77     | \$457.32                  | \$496.35        |
| 1983-1984 | 35                             | -  | 2  | 1                     | 1                     | -        | \$5,281.00                    | \$5,492.59      | \$150.89                  | \$156.93        |
| 1984-1985 | 46                             | -  | 3  | 1                     | 2                     | -        | \$8,900.25                    | \$8,900.25      | \$193.48                  | \$193.48        |

SOURCE: Department of Renewable Resources, GNWT, 1986

TABLE 15  
WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: Pond Inlet

| SPECIES                    | TOTAL NO. HARVESTED | TOTAL EDIBLE MASS | TOTAL HARVESTED PER CAPITA | PER CAPITA EDIBLE WEIGHT | ESTIMATED MASS USED TO CALCULATE EDIBLE BIOMASS |
|----------------------------|---------------------|-------------------|----------------------------|--------------------------|---|
| Ringed Seal                | 2996                | 59920             | 3.91                       | 78.22                    | 20  |
| Polar Bear                 | 7                   | 1113              | 0.01                       | 1.45                     | 159   |
| Other Marine Mammals (ave) | 130                 | 10482             | 0.17                       | 13.68                    | 60.63   |
| Muskox                     | 0                   | 0                 | 0                          | 0                        | 0   |
| Arctic Hare                | 373                 | 746               | 0.49                       | 0.97                     | 2   |
| Caribou                    | 4880                | 90240             | 2.45                       | 117.81                   | 48  |
| Rock Ptarmigan             | 310                 | 195               | 0.4                        | 0.25                     | 0.63  |
| Waterfowl (ave)            | 1278                | 2028              | 1.68                       | 2.65                     | 1.59  |
| Seabirds (ave)             | 3                   | 2                 | 0.01                       | 0.01                     | 0.67  |
| Char                       | 7489                | 14978             | 9.78                       | 19.55                    | 2   |
| (anadromous)*              |                     |                   |                            |                          |   |
| Other                      | 97                  | 22                | 0.13                       | 0.03                     | 0.23  |
| Ocean Fish                 |                     |                   |                            |                          |   |
| Landlocked                 | 30                  | 30                | 0.04                       | 0.04                     | 1   |
| Char                       |                     |                   |                            |                          |   |
| Lake Trout                 | X                   | X                 | X                          | X                        | X   |
| Other                      |                     |                   |                            |                          |   |
| Freshwater Fish            | X                   | X                 | X                          | X                        | X   |
| Whale ** (ave)             | 81                  | 40052             | 0.1                        | 52.29                    | 494.47  |
| TOTALS                     |                     | 219808            |                            | 286.95                   |   |

NOTES:

An "X" indicates that data for these species was not collected for this year.  
(ave) indicates that several species were included in this category.  
\* Anadromous implies that fish were caught while ascending rivers to spawn.  
\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 80 Narwal and 1 Beluga.

SOURCE: Wong, MP, Chemical Residues in Fish and Wildlife Species Harvested In Northern Canada, 1985.

TABLE 16

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&M EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&M |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&M     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,069          |
| Clyde River            | 632,226                         | 848,326                  | 304,502          | 1,785,054        | 135,994                           | 6,288          |                          | 142,282          | 1,927,336          |
| Grise Fiord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,468          |
| Hanisiqvik             | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,327          |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,975          |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 897,201          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,127          |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,302</b>  |

SOURCE: Department of Finance, GNWT, 1986

TABLE 17

## SOCIAL ASSISTANCE EXPENDITURES BY COMMUNITIES &amp; REGIONS, 1980 - 1985

| COMMUNITY    |         | SA BY COMMUNITY<br>1980-85<br>(CALCULATED IN<br>1980 DOLLARS) | \$ SA<br>EXPENDITURES<br>(ACTUAL \$'s) | RECIP-<br>IENTS | AVERAGE \$/<br>RECIPIENT | TOTAL<br>CASES | AVERAGE<br>NO.<br>CASE/MONTH | AVERAGE<br>SA \$/CASE<br>(ACTUAL \$'s) |
|--------------|---------|---|--|-----------------|--------------------------|----------------|------------------------------|--|
| Arctic Bay   | 1980-81 | 44,081  | 44,081                                 | 43              | 1,025                    | 138            | 12                           | 319                                    |
|              | 1981-82 | 49,415  | 55,460                                 | 40              | 1,387                    | 158            | 13                           | 351                                    |
|              | 1982-83 | 40,574  | 50,030                                 | 34              | 1,471                    | 143            | 12                           | 350                                    |
|              | 1983-84 | 57,197  | 74,186                                 | 48              | 1,546                    | 192            | 16                           | 386                                    |
|              | 1984-85 | 49,135  | 66,309                                 | 38              | 1,761                    | 170            | 14                           | 390                                    |
| Clyde River  | 1980-81 | 103,606   | 103,606                                | 64              | 1,619                    | 266            | 22                           | 390                                    |
|              | 1981-82 | 120,142   | 134,839                                | 61              | 2,210                    | 335            | 28                           | 403                                    |
|              | 1982-83 | 128,788   | 158,801                                | 80              | 1,985                    | 412            | 32                           | 385                                    |
|              | 1983-84 | 142,264   | 184,519                                | 93              | 1,984                    | 435            | 36                           | 424                                    |
|              | 1984-85 | 134,706   | 181,790                                | 87              | 2,091                    | 437            | 36                           | 416                                    |
| Grise Fiord  | 1980-81 | 7,233   | 7,233                                  | 9               | 804                      | 30             | 3                            | 241                                    |
|              | 1981-82 | 12,662  | 14,211                                 | 19              | 748                      | 54             | 4                            | 263                                    |
|              | 1982-83 | 10,635  | 13,113                                 | 17              | 771                      | 57             | 5                            | 230                                    |
|              | 1983-84 | 24,766  | 32,122                                 | 29              | 1,108                    | 101            | 8                            | 318                                    |
|              | 1984-85 | 37,286  | 50,318                                 | 31              | 1,623                    | 148            | 12                           | 340                                    |
| Pond Inlet   | 1980-81 | 94,240  | 94,240                                 | 64              | 1,473                    | 246            | 21                           | 383                                    |
|              | 1981-82 | 84,638  | 94,992                                 | 60              | 1,583                    | 247            | 21                           | 385                                    |
|              | 1982-83 | 94,306  | 116,283                                | 75              | 1,550                    | 301            | 12                           | 386                                    |
|              | 1983-84 | 110,496   | 143,315                                | 93              | 1,541                    | 330            | 27                           | 434                                    |
|              | 1984-85 | 101,855   | 137,456                                | 79              | 1,727                    | 304            | 25                           | 452                                    |
| Resolute Bay | 1980-81 | 17,736  | 17,736                                 | 17              | 1,043                    | 60             | 5                            | 296                                    |
|              | 1981-82 | 13,073  | 14,672                                 | 13              | 1,129                    | 49             | 4                            | 299                                    |
|              | 1982-83 | 18,374  | 22,656                                 | 16              | 1,416                    | 59             | 5                            | 384                                    |
|              | 1983-84 | 24,223  | 31,418                                 | 24              | 1,309                    | 83             | 7                            | 379                                    |
|              | 1984-85 | 13,660  | 18,435                                 | 21              | 903                      | 54             | 5                            | 341                                    |

SOURCE: Report on the Social Assistance Program: 1980-1985, GNHT, Department of Services, Yellowknife, 1985

TABLE 18

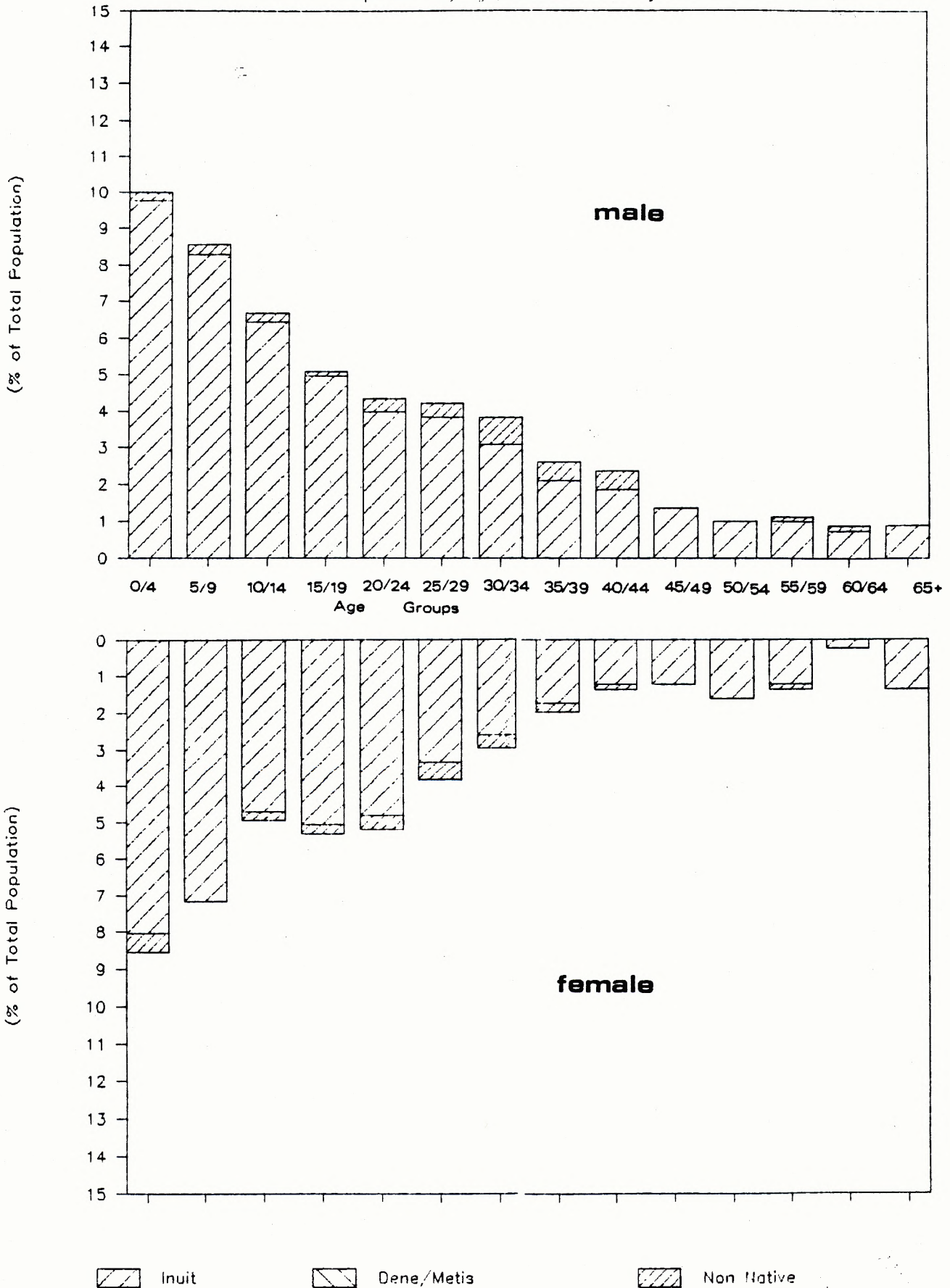
FOOD PRICE INDEXES, By Major Category and Selected Communities  
 Northwest Territories, June 1985  
 (Yellowknife = 100)

| Community   | All Items | Meat | Fish | Dairy & Eggs | Cereal & Bakery | Fruit | Vegetables | Sugar | Coffee & Tea | Fats & Oils | Non-Alcohol. Bev. | Other Food Items |
|-------------|-----------|------|------|--------------|-----------------|-------|------------|-------|--------------|-------------|-------------------|------------------|
| Arctic Bay  | 167       | 142  | 119  | 189          | 115             | 212   | 214        | 157   | 101          | 168         | 150               | 159              |
| Clyde River | 166       | 160  | 127  | 167          | 137             | 176   | 220        | 154   | 100          | 154         | 147               | 154              |
| Grise Fiord | 175       | 130  | 131  | 285          | 145             | 143   | 190        | 175   | 118          | 192         | 174               | 143              |
| Nanisivik   | 163       | 151  | 109  | 201          | 128             | 156   | 191        | 154   | 109          | 141         | 159               | 163              |
| Pond Inlet  | 162       | 142  | 119  | 195          | 113             | 186   | 193        | 148   | 89           | 150         | 140               | 181              |
| Resolute    | 163       | 149  | 116  | 196          | 158             | 143   | 163        | 150   | 136          | 148         | 219               | 159              |

SOURCE: GNWT, Bureau of Statistics, 1985.

# POND INLET, 1985

Population By Age, Sex and Ethnicity



SOURCE: Bureau of Statistics, GNWT, 1986

FIGURE 2

# POND INLET

ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

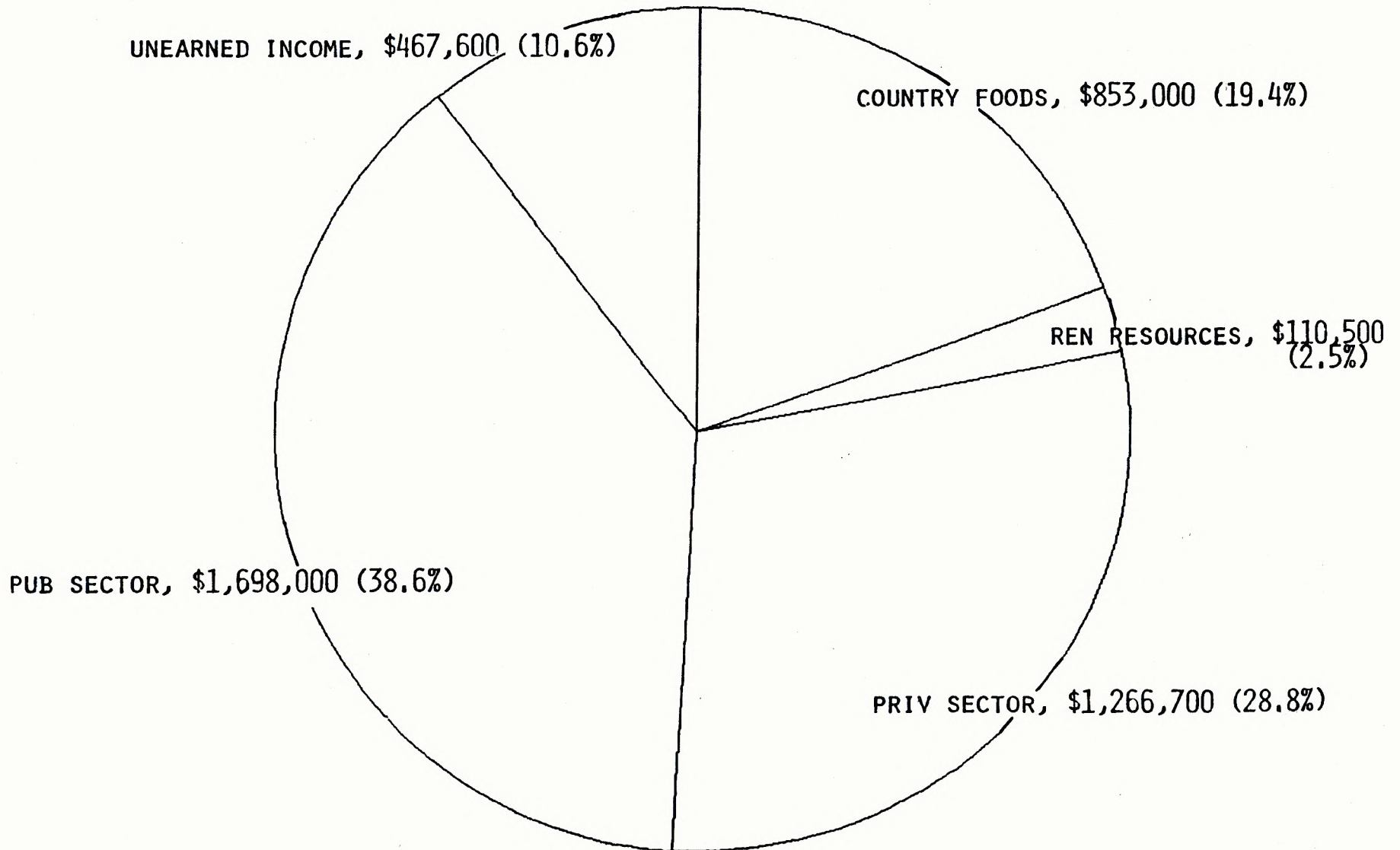
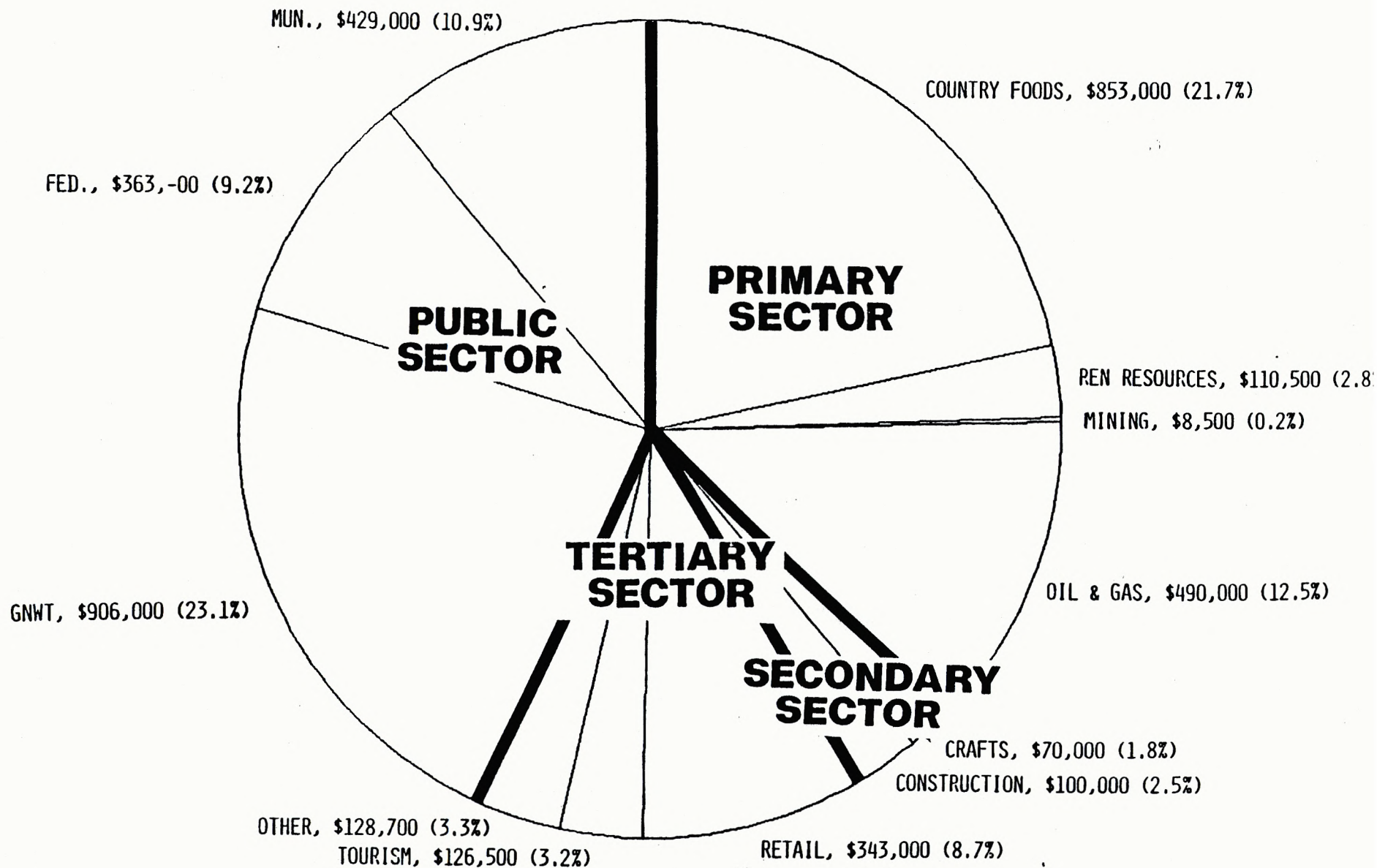




FIGURE 3  
**POND INLET**  
 INCOME BY SOURCE AND IMPUTED VALUE OF COUNTRY FOODS, 1982

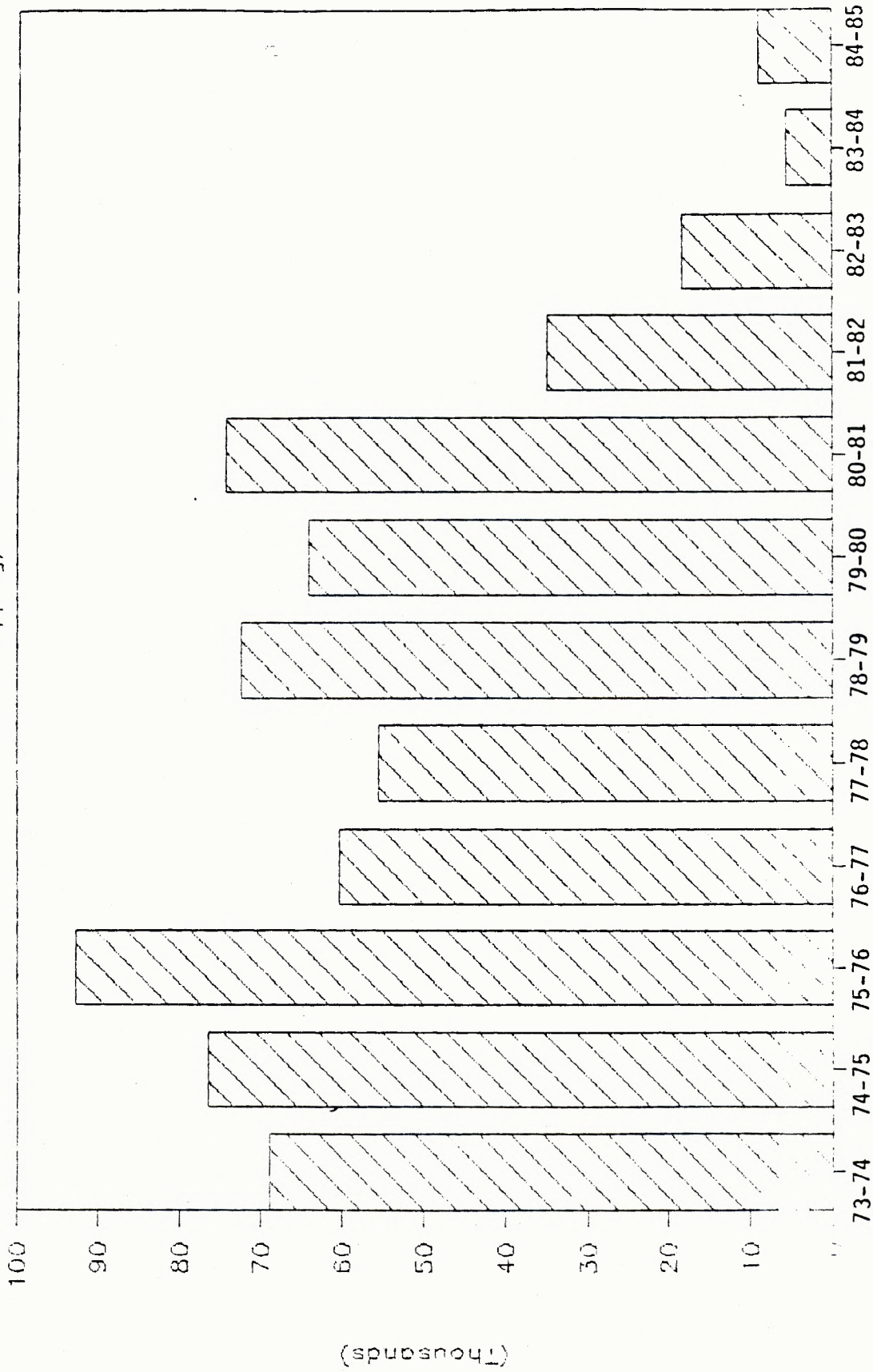


Source: GNWT Department of Economic Development and Tourism,  
 A Baffin Region Economic Baseline Study, 1984.

# PONDULET

FIGURE 4

Total Income From Trapping, 1973-1985



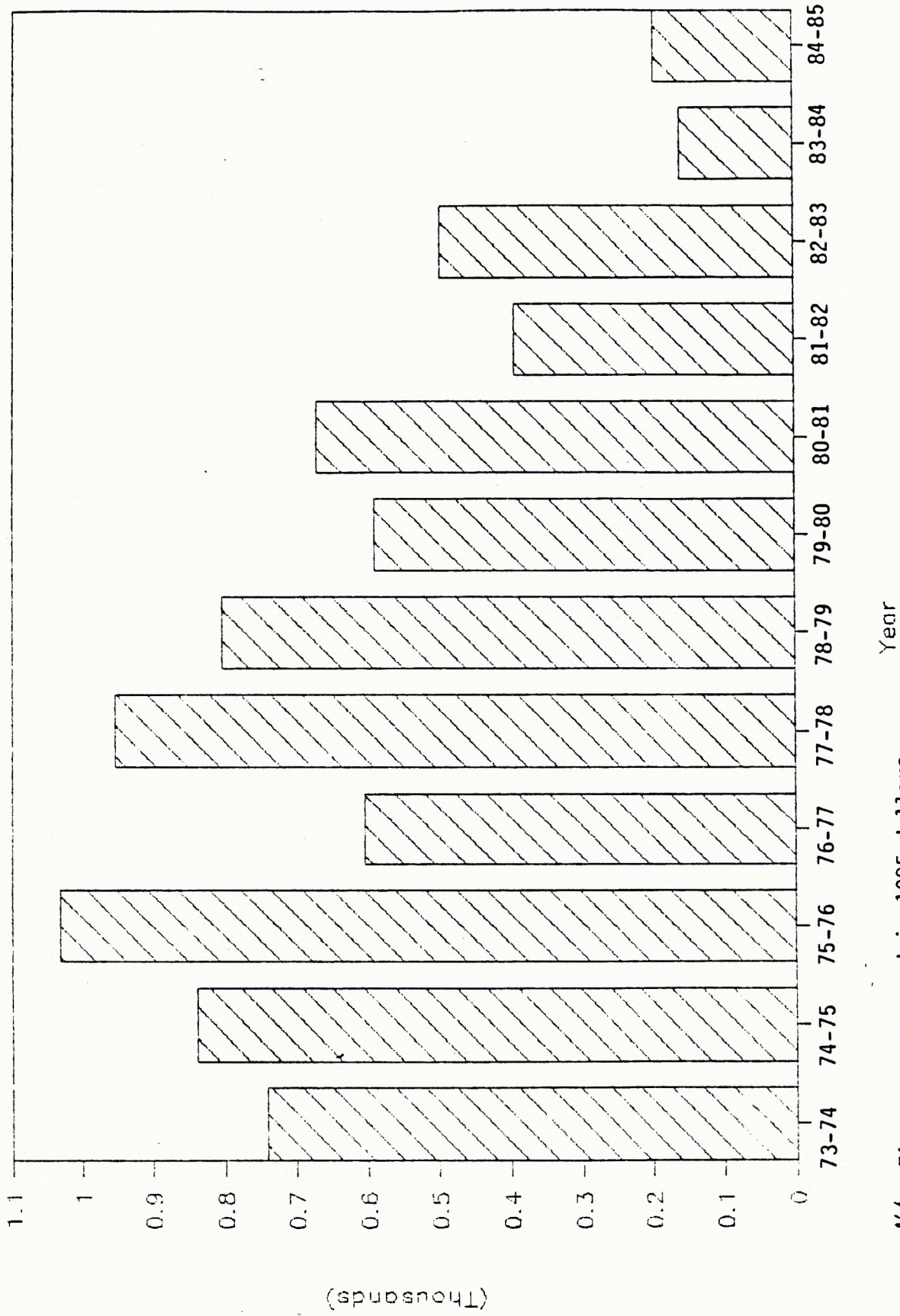
Note: Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GNWT, 1986

# POND INLET

FIGURE 5

Average Income From Trapping, 1973-1985



Note: Figures expressed in 1985 dollars

SOURCE: Department of Renewable Resources, GMMT, 1986

LANCASTER SOUND  
COMMUNITY PROFILE

RESOLUTE BAY

Prepared by:

David Moll

Northern Land Use Planning Office

February 1987

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QUASUITTUQ  
RESOLUTE BAY

## 1. INTRODUCTION

This community profile is organized into three sections:

1. a short section describing history, human resources, economy and future prospects;
2. a section containing figures which illustrate historic and projected population figures, income from public, private and renewable sectors; and
3. a section of tables which provide the data used to prepare the graphics and text.

In describing the social and economic makeup of the community, this profile will help the people of the community focus on where they have come from, where they are now, and where they are going. This profile is meant to help the community identify opportunities and constraints to development. The community can develop a vision of where it wants to go. Land use planning provides communities with an opportunity to develop a strategy to achieve their preferred futures.

## 2. HISTORY

Resolute was established in 1947 as a joint Canadian-American weather station. In 1953, the Federal government relocated three Inuk families (18 persons) from Port Harrison, Quebec, and one family of 5 persons from Pond Inlet to take advantage of the Island's superior game resources and establish a permanent Canadian presence and, therefore, sovereignty in the High Arctic. Other families have since come from Port Harrison, Pond Inlet, Arctic Bay, Grise Fiord and Somerset Island.

Although during historic times, no Inuit are known to have inhabited Cornwallis Island, archaeological investigations show that native hunters frequented the island in the past. From these excavations it has been concluded that there have been at least three stages of occupation at Resolute Bay. The Dorset culture was the first, followed by an early phase of the Thule culture, in which the artifacts found show strong Alaskan affinities. These were probably both short periods of occupation, possibly by only a few families. A late or developed phase of the Thule culture was of longer duration, with a considerably larger population.

Previous to 1947, the site was known to be visited by hunting parties from Pond Inlet and other communities to the south. It

was first sighted by Europeans in 1819, when William Parry's ships, the Hecla and Griper, sailed west in search of the northwest passage. Cornwallis Island was also a centre of activity during the 1850's and 1860's during the search for Franklin's lost expedition. Many ships visited and wintered there, including the HMS Resolute, from which the community takes its name.

Resolute has developed as a major transportation, communication and administrative centre in the High Arctic. Its all-weather airstrip has a high standard of lighting, navigation and communication equipment, and facilities for large aircraft. Since the 1960's, Resolute has seen rapid growth and many spin-off effects from oil and gas exploration, research and from expeditions to the North Pole.

The community today is divided between an Inuit settlement and a largely non-native area centred around the airport, locally known as the "base". The two areas are separated by a distance of about 8 kilometres.

### 3. HUMAN RESOURCES

#### 3.1 Demography

Resolute's population rose from 153 in 1961 to 182 in 1986 (Statistics Canada Censuses). From 1961 to 1986 the population has been increased by 19 percent, the slowest increase over a 20 year period. However, during the same period the population did fluctuate considerably between the censuses. For example, the population has increased by 66 percent between 1961-66, then decreased by 34 percent between 1966-71, then again increased by 18 percent between 1971-76, and decreased by 33 percent between 1976-81, and finally increased by 8 percent between 1981-86. The rapid growth and declines reflected the changes in activities brought about by oil and gas exploration and research activities in the area. It is projected that by the year 2000 the population in Resolute might be about 230 permanent residents.

The population in Resolute is a youthful one, with about 65 percent of the community's population under the age of 24 (41 percent under the age of 14) in 1981; about 12 percent were between the ages of 25-34, and about 9 percent between the ages of 35-54 for the same period. The projections to the year 2000 indicate that the community will remain relatively youthful; however, the percentage of the community's population under the age of 24 will decrease to about 58 percent. Many of these young people have reached, or are about to reach, the age when they will seek income producing opportunities and form new

family units. It is questionable whether new jobs will be available, in particularly since oil and gas activities are almost halted and may be totally stopped, and whether the renewable resource base can accommodate any significant increase in the number of harvesters. Thus, in order to keep its young people from leaving, the community must seek to expand its economy.

In 1981, the community had about 56 percent males and 44 percent females. This difference in sexes is estimated to change slightly by the year 2000 to 53 percent males and 47 percent females.

The majority of the residents are Inuit (91% in 1981), and the remainder are English-speaking, government, education, business or service industry employees (excluding the transient population of the "base"). It is estimated that by the year 2000, the majority Inuit population may increase to 93 percent.

### 3.2 Education

The community has a modern school which offers education from kindergarten to grade 8. In 1985-86, it had an enrollment of 48 students. During the same period, 44 percent were enrolled in the primary grades (K-3) and in the intermediate grades (4-6), respectively. Enrollment during a three year period from 1982-85 was relatively stable, ranging from 31-35 students. In the 1981-82 school year, the enrollment was at its highest with 51 students. The fluctuation in enrollment is largely due to increase or decrease in families from the south which come to work for the "base".

The average percentage of attendance was quite low during a two year period from 1981-83, ranging from 64-68 percent. In the last two years, the attendance increased to 76 percent for the 1984-85 school year. The percentage of non-attendance due to land days was quite high, ranging from 4 percent for 1984-85 to 10 percent for 1981-82. It appears that there is a relationship between low attendance and participation in renewable resources, e.g. with fewer children being out on the land, the better the attendance appears to be. However, not all low attendance at school can be explained by participation in harvesting activities. Therefore, non-attendance must be linked to other reasons than participation in renewable resource harvesting.

Students who wish to go to high school (grades 9-12) have to go to Iqaluit. The number of students that were enrolled in high school is not known. However, the data shows that between 1976 and 1985, 9 students have graduated from high school (grade



12). Most of the graduated students were of non-native origin, about 60 percent. One of the reasons that so few Inuit students graduate is that these students find it difficult to be away from home for a long period of time and thus, often drop out to return to their home community. Loneliness, alcohol, drugs, and pressure from parents to return home are some of the reasons that students do not complete their studies.

Statistics Canada's 1981 Census indicates that about 71 percent of the working age population (15-64 years) had less than grade 9 schooling (38 percent had no schooling at all). The same Census shows that about 20 percent had more than grade 9 schooling; about 2 percent had a trade diploma, and about 4 percent had a university degree or diploma. Thus, generally most of the population is lacking adequate formal education.

Vocational and continuing education are also provided in the community. There is an adult educator who offers a variety of subjects through the Arctic College extension program.

#### 4. ECONOMY

##### 4.1 Introduction

The economy can be broken down into three major categories that include the public, private and renewable resources sectors. The public sector includes income from the federal, territorial and municipal governments, as well as from the crown corporation. The private sector is made up of local businesses, employment with the mining and oil and gas industries, tourism and crafts. The third category includes income from sale of raw renewable resources such as fish, meat and furs, and as well as the imputed value of country food which is calculated by estimating the replacement cost of the food that is harvested and may be consumed locally.

Since Resolute is divided into a predominantly Inuit settlement some 8 kms from a largely transient non-native base camp or airport area, income accruing to the "base" is not included in the community income. The "base" is essentially a transportation and service hub for the petroleum and mining companies and scientists operating in the High Arctic. Thus, only incomes which contributed to the community's welfare resulting from the "base" are included in the calculations.

The proportion of income from different sectors based on 1982 data provided by G.N.W.T. (1984) was: 60 percent from the private sector, 39 percent from the public sector (excluding transfer of payments), and one percent from the renewable resources sector (excluding the imputed value of country food).

According to the 1981 Census, there were 225 people at the working age (15-64, including the "base"), but only 55 people were employed. The majority of these people were employed by the service and secondary sectors. The 1984 labour force survey of G.N.W.T.'s Bureau of Statistics indicates that the unemployment rate in the community (excluding the "base") was about 27 percent (40 people employed), and that the participation rate was about 70 percent. Since 1970 to July 1986, 9 people from Resolute Bay have received Journeyman certification.

The income per capita, excluding imputed value of country food, was about \$25,000 in 1982. With the inclusion of the imputed value of country food, the income per capita increased to \$27,000. Thus, about 8 percent of the per capita income came from the value of country food.

#### 4.2 Renewable Resources

Resolute Bay and its surrounding area is rich in wildlife. The local residents have relied on seal, whale and caribou for meat and have used fish, polar bear, muskox, geese, ducks and other fur bearers to supplement their diet. An accurate estimate of the total edible weight is not known. However, according to BRIA's (1982) harvesting study, based on 22,400 kgs of edible weight, it was estimated that the value of country food was \$287,000. It was also estimated that the per capita edible weight of country food was about 160 kgs. Based on the above per capita meat production, the protein content of this harvest will exceed the required "adequate" diet, as defined by Health and Welfare Canada (Science Advisory Board, 1980). Therefore, with the addition of other wildlife to the diet, one could surmise that the community is more than self sufficient in protein products from wildlife alone.

Income from fur production fluctuated during the last 12 years, and so did the number of registered trappers. In the last 3 years, income from furs ranged from about \$2,000 for 1982-83 to \$6,700 for the 1984-85 trapping season (1985 dollars). The highest incomes from fur production were in 1973-74 (\$87,000), 1978-79 (\$80,000), and in 1981-82 (\$63,000). Generally, very few trappers earned more than \$600. Although in 1978-79 over 86 percent of the trappers earned more than \$600. In all other years between 9-60 percent of the trappers earned more than \$600. It appears that protest by animal right groups had a drastic effect on prices, particularly on seal skins and on narwhal ivory. Today seal skins are mostly used in producing various handicrafts and clothing. The sale of narwhal ivory still generates more income than furs, despite the European boycott.

Sport hunts for polar bear and muskox contributed about \$30,000 in 1982. Future hunts look promising; with proper marketing the community can realize greater potential income.

Subsistence production in Resolute Bay is characterized by a high participation rate by most of the Inuit residents throughout the year on a largely part-time basis. Income from wages is usually used to purchase the means of production for harvesting. For most residents, wildlife harvesting is more a cultural affair rather than a need to acquire the needed staple food for survival.

#### 4.3 Public Sector

The public sector includes income and employment with the settlement administration, Nursing Station, the school, R.C.M.P., territorial and federal government departments. In 1982, the total income from this sector was about \$1.7 million. The largest contributor for the same period was the federal government (77%), since the federal government operates the airport and the nursing station, and the Polar Shelf scientific project is also federally funded.

The public sector, apart from providing over one third of the community's cash income, also provides many essential services free of charge or at a very low cost, such as housing which is not included in the above income. Apart from providing direct employment to many people, it also provides considerable business opportunities through contracts for goods and services, particularly in the construction and maintenance fields. During the 1985-86 fiscal year, the G.N.W.T. alone spent about \$378,000 on salaries and wages; about \$500,000 on other operations and maintenance (including grants and contributions) and over \$574,000 on building and equipment. During the same period G.N.W.T.'s total contribution to the local economy was over \$2.9 million (O&M and capital expenditures).

Transfer of payments are also an important additional cash income for some residents. These transfers from the federal and territorial governments accounted for about 2.4 percent of the total community's cash income.

1984-85, 21 people received social assistance at an average of \$903 per person, which was the lowest amount received during the last 5 years. During the last 5 years about 30 percent of the Inuit working age population were on social assistance. The actual time spent on social assistance averaged to about 4 months per person. This would indicate that social assistance is used to supplement income during periods of lower economic activity.

The federal transfers of payment were given in the form of family allowance, old age security, unemployment insurance and guaranteed income supplement to pensioners only. It is not known how many people received these payments, but in 1982, about \$76,000 was distributed in Resolute Bay to those that were qualified to receive these payments.

#### 4.4 Private Sector

There is a diversity of small to medium businesses which provide employment and income to many residents. Since Resolute is a transportation and service hub for the entire High Arctic, many local businesses and residents acquired considerable industrial experience. Since the 1970's when Panarctic's oil exploration program began, and since the start of the Polaris Mine exploration and production program on Little Cornwallis Island, considerable business and employment was available. Thus, any able person who wanted to work for wages or had the entrepreneurial capacity, could take advantage of the industrial activity that was going on, and which is still in progress.

Most local businesses are service oriented and primarily geared to the need of the transportation, communication and tourism industries, and to the needs of the local market such as local construction, retail merchandise and food sales.

The private sector contributed about \$2.5 million to the local cash economy in 1982. During the same period, the service industry contributed about \$2.4 million, or over 96 percent of the sector's income. The remaining 4 percent of the sector's income came from tourism, retail, construction and arts and crafts. Thus, the service industry contributed about 59 percent to the total community's cash income. The largest employer is the transportation industry, which services the Polaris Mine, Panarctic's exploration program, the Federal Government's Polar Continental Shelf research program and the Atmospheric Environment Services, and polar tours. The Polaris Mine employs some people from the community, but data on the income generated from the mine is not known for 1982. It is estimated that about \$150,000 was earned by Resolute residents from employment in the mine during 1983 (G.N.W.T., 1983).

Tourism has increased considerably in recent years as Resolute is the jumping-off point for expeditions to the North Pole and other destinations in the High Arctic. Tourism has the potential to become much more important as a cash income. Thus, with proper marketing the community can increase the importance of tourism, and thus increase income from arts and crafts, outfitting and from related services.

#### 4.5 Cost of Living

The cost of living in 1983 was about 60-69 percent higher than Montreal. This is due to the remoteness and the high cost of transportation. All fresh produce and perishable items must be flown in from Montreal or from Edmonton via Yellowknife.

The 1985 food price survey of the G.N.W.T., Bureau of Statistics, shows that food prices for all items were about 63 percent higher than Yellowknife. The highest costs were for non-alcoholic beverages (119%), dairy and eggs (96%) and for vegetables (63%). Therefore, if local residents have to spend their cash income on the above items, their actual earnings will be greatly diminished.

#### 5. FUTURE PROSPECTS

Currently, the local economy is of a mixed character; people work for wages and use a portion of the income from such work to purchase capital goods needed for a land-based lifestyle. Even though a shift towards increased industrial employment is unlikely due to the economic downturn of oil and gas activities, expectations are rising, and more people are becoming interested in working for wages. However, the way of life involving renewable resource harvesting as a cash income and as a source of food will continue to be a strong factor in the community in the future. Harvest of wildlife for food by-and-large does not show up in terms of cash income and is often difficult to measure directly. A basic concern that needs to be addressed is the level of harvest of different wildlife species that can be sustained without depleting the resource. A depletion of the resource could have a negative effect in the loss of country food as a food source.

It is clear that with the partial pullout of Panarctic from the north, and the uncertainties of the non-renewable resource sector, communities like Resolute will have to depend more on other traditional sources of income. Tourism and support for scientific parties appears to be the appropriate road to take, since these are largely separate from world events like the price of oil, zinc or lead. Nevertheless, opportunities may be forthcoming and thus, in order to prepare people for future industrial employment and business opportunities, there will exist a need to expand the role of small businesses and to train young people for employment in higher skilled occupations.

Tourism could generate more jobs and cash income for the residents of Resolute Bay. The community has a number of drawing cards to attract tourists seeking an Arctic experience. It has excellent accommodation facilities,

knowledgeable guides and all the required infrastructure. With the establishment of the Northern Ellesmere National Park and with the proposed North Baffin Island National Park, there is the potential that more tourists will be attracted to Resolute Bay. Thus, with proper marketing the community might be able to increase the importance of tourism.

An interesting project is also underway that might see the cost of energy drop in many northern communities. If the Bent Horn Crude Burning Pilot Project is successful, there may be potential energy savings of about 60 percent. This might help other activities such as mining or construction become more viable, but may also raise the price of energy to other communities, as the diesel oil supplier may want to make up for lost revenues elsewhere.

The future prospects for Resolute Bay seem to be quite dependent on outside considerations, far more so than for other communities within the Lancaster Sound Planning Region. The reason for this has to do with the nature of the community. Resolute is a recent settlement, in that it did not evolve naturally as the result of an abundance of wildlife, nor was it a traditional meeting place. It was established firstly as a military weather outpost, and then as a settlement to protect Canada's rights over the land in the High Arctic.

The local Inuit have grown quite dependant on a non-traditional wage economy, to which they have adapted. If this wage economy were to be reduced, it is quite probable that some would migrate back to other northern communities. This has happened before. In 1971, the population went down by one quarter as the result of a slump in oil exploration.

Traditional hunting and trapping pursuits will probably continue to play a large role in the economic and cultural life of the community. An upturn in the price of fur would increase the cash value of hunting and trapping. The value of hunting and trapping to the community cannot be overestimated. A policy of managing the land, the sea, fish and game will ensure Resolute's continuing ability to use these essential resources in the future.

TABLE 1

HISTORIC AND PROJECTED POPULATIONS  
OF LANCASTER SOUND REGION

1961 - 2005

| Community    | Historic Records  |                   |                   |                   |                   |                   |                   |                   |                   |                   | Estimated and Projected |  |  |  | % Increase<br>1961-1986 |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|--|--|--|-------------------------|
|              | 1961 <sup>1</sup> | 1966 <sup>1</sup> | 1971 <sup>1</sup> | 1976 <sup>1</sup> | 1981 <sup>1</sup> | 1986 <sup>1</sup> | 1990 <sup>2</sup> | 1995 <sup>2</sup> | 2000 <sup>2</sup> | 2005 <sup>2</sup> |                         |  |  |  |                         |
| Arctic Bay   | 49                | 123               | 267               | 391               | 375               | 471               | 504               | 591               | 681               | 782               | 961                     |  |  |  |                         |
| Clyde River  | 40                | 99                | 274               | 352               | 443               | 465               | 586               | 673               | 756               | 841               | 1163                    |  |  |  |                         |
| Grise Fiord  | 70                | 98                | 106               | 121               | 106               | 113               | 162               | 190               | 210               | 224               | 61                      |  |  |  |                         |
| Nanisivik    | -                 | -                 | -                 | -                 | 261               | 311               | 325               | 367               | 406               | 430               | N/A                     |  |  |  |                         |
| Pond Inlet   | 53                | 178               | 412               | 504               | 705               | 786               | 939               | 1063              | 1186              | 1332              | 1483                    |  |  |  |                         |
| Resolute Bay | 153               | 254               | 189               | 223               | 168               | 182               | 188               | 212               | 236               | 262               | 19                      |  |  |  |                         |
| TOTAL        | 365               | 752               | 1248              | 1591              | 2058              | 2328              | 2704              | 3096              | 3475              | 3871              | 638                     |  |  |  |                         |

Sources: <sup>1</sup> Statistics Canada, census data<sup>2</sup> GNWT, Bureau of Statistics

POPULATION BY ETHNIC ORIGIN  
AGE AND SEX FOR CENSUS YEARS

AND PROJECTIONS

TABLE 2

11

COMMUNITY: RESOLUTE BAY

| Year    | Ethnicity      | Sex | All Ages | %     | 0-4 | 5-14 | 15-24 | 25-34 | 35-54 | 55-64 | 65+ |
|---------|----------------|-----|----------|-------|-----|------|-------|-------|-------|-------|-----|
| 1976* * | ALL GROUPS     | M   | 130      | 58.0  | 10  | 40   | 35    | 20    | 25    | --    | --  |
|         |                | F   | 90       | 42.0  | 10  | 20   | 15    | 15    | 20    | 5     | --  |
|         |                | T   | 220      | 100.0 | 20  | 60   | 55    | 35    | 45    | 5     | --  |
| 1981**  | ALL GROUPS     | M   | 95       | 56.0  | 15  | 25   | 20    | 10    | 10    | --    | --  |
|         |                | F   | 75       | 44.0  | 10  | 20   | 15    | 15    | 10    | --    | --  |
|         |                | T   | 170      | 100.0 | 25  | 45   | 40    | 20    | 15    | 5     | --  |
|         | OENE/<br>METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         | INUIT          | M   | 85       | --    | 15  | 25   | 20    | 10    | 10    | --    | --  |
|         |                | F   | 70       | --    | 10  | 25   | 10    | 5     | 5     | 5     | --  |
|         |                | T   | 155      | 91.0  | 25  | 45   | 35    | 20    | 20    | 5     | 5   |
|         | NON<br>NATIVE  | M   | 10       | --    | --  | --   | --    | 5     | --    | --    | --  |
|         |                | F   | 10       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | T   | 15       | 9.0   | --  | --   | 5     | 5     | --    | --    | --  |
| 1985 *  | ALL GROUPS     | M   | 90       | 53.0  | 19  | 22   | 21    | 17    | 11    | --    | --  |
|         |                | F   | 79       | 47.0  | 10  | 18   | 14    | 15    | 9     | 8     | 5   |
|         |                | T   | 169      | 100.0 | 29  | 40   | 35    | 32    | 20    | 8     | 5   |
|         | OENE/<br>METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         | INUIT          | M   | 85       | --    | 18  | 22   | 18    | 16    | 11    | --    | --  |
|         |                | F   | 69       | --    | 10  | 18   | 11    | 9     | 8     | 8     | 5   |
|         |                | T   | 154      | 91.0  | 28  | 40   | 29    | 25    | 19    | 8     | 5   |
|         | NON<br>NATIVE  | M   | 5        | --    | 1   | --   | 3     | 1     | --    | --    | --  |
|         |                | F   | 10       | --    | --  | --   | 3     | 6     | 1     | --    | --  |
|         |                | T   | 15       | 9.0   | 1   | --   | 6     | 7     | 1     | --    | --  |
| 1990**  | ALL GROUPES    | M   | 101      | 54.0  | 12  | 30   | 21    | 19    | 19    | --    | --  |
|         |                | F   | 87       | 46.0  | 10  | 22   | 15    | 14    | 12    | 9     | 5   |
|         |                | T   | 188      | 100.0 | 22  | 52   | 36    | 33    | 31    | 9     | 5   |
|         | OENE/<br>METIS | M   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | F   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         |                | T   | --       | --    | --  | --   | --    | --    | --    | --    | --  |
|         | INUIT          | M   | 96       | --    | 11  | 30   | 18    | 18    | 19    | --    | --  |
|         |                | F   | 77       | --    | 10  | 22   | 12    | 9     | 10    | 9     | 5   |
|         |                | T   | 173      | 92.0  | 21  | 52   | 30    | 27    | 29    | 9     | 5   |
|         | NON<br>NATIVE  | M   | 5        | --    | 1   | --   | 3     | 1     | --    | --    | --  |
|         |                | F   | 10       | --    | --  | --   | 3     | 5     | 2     | --    | --  |
|         |                | T   | 15       | 8.0   | 1   | --   | 6     | 6     | 2     | --    | --  |

\* Estimated and projected based on zero growth due migration.

\*\* Based on Statistics Canada Census



TABLE 3

PRELIMINARY POPULATION PROJECTIONS

Next planned update: Sept 1986

1986 May 8

GOVERNMENT OF THE NORTHWEST TERRITORIES  
BUREAU OF STATISTICS

PRELIMINARY POPULATION PROJECTIONS  
POPULATION BY AGE BY ETHNICITY BY SEX

Base year : 1985 June  
Fertility/Mortality Rates : Model 2  
Growth due to migration : 0

SETTLEMENT/REGION : Resolute

| Year       | Group      | Sex | All Ages | Age Groups |     |       |       |       |       |       |       |       |       |       |       |       |     |
|------------|------------|-----|----------|------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|            |            |     |          | 0-4        | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |
| 1985       | All Groups | T   | 169      | 29         | 24  | 16    | 15    | 20    | 14    | 18    | 7     |       |       |       |       |       |     |
|            |            | F   | 90       | 19         | 16  | 10    | 9     | 13    | 9     | 10    | 4     |       |       |       |       |       |     |
|            |            | T   | 79       | 10         | 8   | 6     | 6     | 5     | 5     | 10    | 3     |       |       |       |       |       |     |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | F          | -   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| Inuit      | T          | 154 | 28       | 24         | 16  | 14    | 19    | 12    | 13    | 6     |       |       |       |       |       |       |     |
|            | F          | 85  | 18       | 13         | 10  | 8     | 8     | 4     | 8     | 2     |       |       |       |       |       |       |     |
|            | T          | 69  | 10       | 11         | 6   | 6     | 6     | 8     | 5     | 4     |       |       |       |       |       |       |     |
| Non Native | T          | 15  | 1        | -          | -   | 1     | -     | 1     | 2     | 1     |       |       |       |       |       |       |     |
|            | F          | 10  | -        | -          | -   | -     | -     | -     | 1     | -     |       |       |       |       |       |       |     |
| 1990       | All Groups | T   | 188      | 22         | 28  | 24    | 17    | 19    | 16    | 17    | 14    |       |       |       |       |       |     |
|            |            | F   | 101      | 12         | 18  | 17    | 11    | 10    | 10    | 9     | 7     |       |       |       |       |       |     |
|            |            | T   | 87       | 10         | 10  | 7     | 6     | 6     | 6     | 8     | 7     |       |       |       |       |       |     |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | F          | -   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |     |
| Inuit      | T          | 173 | 21       | 28         | 24  | 16    | 14    | 15    | 12    | 13    |       |       |       |       |       |       |     |
|            | F          | 96  | 11       | 18         | 12  | 10    | 10    | 5     | 8     | 4     |       |       |       |       |       |       |     |
|            | T          | 77  | 10       | 10         | 12  | 6     | 6     | 5     | 4     | 4     |       |       |       |       |       |       |     |
| Non Native | T          | 15  | 1        | -          | -   | 1     | -     | 1     | 5     | 1     |       |       |       |       |       |       |     |
|            | F          | 10  | -        | -          | -   | -     | -     | -     | 4     | -     |       |       |       |       |       |       |     |
| 1995       | All Groups | T   | 212      | 27         | 21  | 28    | 25    | 21    | 15    | 19    | 13    |       |       |       |       |       |     |
|            |            | F   | 111      | 17         | 11  | 18    | 13    | 10    | 8     | 10    | 9     |       |       |       |       |       |     |
|            |            | T   | 99       | 10         | 10  | 10    | 12    | 7     | 9     | 9     | 4     |       |       |       |       |       |     |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | F          | -   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |     |
| Inuit      | T          | 197 | 26       | 21         | 28  | 24    | 16    | 14    | 15    | 13    |       |       |       |       |       |       |     |
|            | F          | 110 | 14       | 11         | 18  | 12    | 8     | 8     | 10    | 8     |       |       |       |       |       |       |     |
|            | T          | 87  | 12       | 10         | 10  | 12    | 8     | 8     | 5     | 5     |       |       |       |       |       |       |     |
| Non Native | T          | 15  | 1        | -          | -   | 1     | -     | 1     | 4     | 1     |       |       |       |       |       |       |     |
|            | F          | 10  | -        | -          | -   | -     | -     | -     | 4     | -     |       |       |       |       |       |       |     |
| 2000       | All Groups | T   | 236      | 30         | 24  | 21    | 29    | 29    | 17    | 18    | 15    |       |       |       |       |       |     |
|            |            | F   | 129      | 16         | 13  | 11    | 19    | 14    | 10    | 8     | 10    |       |       |       |       |       |     |
|            |            | T   | 107      | 14         | 11  | 10    | 10    | 15    | 7     | 10    | 5     |       |       |       |       |       |     |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | F          | -   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |     |
| Inuit      | T          | 221 | 29       | 24         | 21  | 28    | 24    | 16    | 14    | 15    |       |       |       |       |       |       |     |
|            | F          | 124 | 15       | 13         | 11  | 18    | 10    | 10    | 8     | 8     |       |       |       |       |       |       |     |
|            | T          | 97  | 14       | 11         | 10  | 10    | 6     | 6     | 6     | 7     |       |       |       |       |       |       |     |
| Non Native | T          | 15  | 1        | -          | -   | 1     | -     | 1     | 4     | 1     |       |       |       |       |       |       |     |
|            | F          | 10  | -        | -          | -   | -     | -     | -     | 4     | -     |       |       |       |       |       |       |     |
| 2005       | All Groups | T   | 262      | 31         | 29  | 24    | 21    | 23    | 25    | 20    | 14    |       |       |       |       |       |     |
|            |            | F   | 143      | 16         | 15  | 13    | 11    | 10    | 10    | 10    | 10    |       |       |       |       |       |     |
|            |            | T   | 119      | 15         | 14  | 11    | 10    | 10    | 10    | 10    | 4     |       |       |       |       |       |     |
|            | Dene/Metis | T   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
|            | F          | -   | -        | -          | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |     |
| Inuit      | T          | 247 | 30       | 29         | 24  | 20    | 21    | 24    | 16    | 14    |       |       |       |       |       |       |     |
|            | F          | 133 | 15       | 15         | 13  | 10    | 10    | 10    | 10    | 6     |       |       |       |       |       |       |     |
|            | T          | 109 | 15       | 14         | 11  | 10    | 10    | 10    | 6     | 8     |       |       |       |       |       |       |     |
| Non Native | T          | 15  | 1        | -          | -   | 1     | -     | 1     | 4     | 1     |       |       |       |       |       |       |     |
|            | F          | 10  | -        | -          | -   | -     | -     | -     | 4     | -     |       |       |       |       |       |       |     |

SOURCE: Bureau of Statistics, GNWT, 1986

POPULATION DISTRIBUTION BY AGE, SEX AND ETHNICITY, 1985  
SETTLEMENT/REGION: RESOLUTE

TABLE 4

Raw Population Statistics:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0          | 0      | 0     | 18    | 10     | 28    | 1          | 0      | 1     | 19         | 10     | 29    |
| 5-9       | 0          | 0      | 0     | 12    | 12     | 24    | 0          | 0      | 0     | 12         | 12     | 24    |
| 10-14     | 0          | 0      | 0     | 10    | 6      | 16    | 0          | 0      | 0     | 10         | 6      | 16    |
| 15-19     | 0          | 0      | 0     | 8     | 6      | 14    | 1          | 0      | 1     | 9          | 6      | 15    |
| 20-24     | 0          | 0      | 0     | 10    | 5      | 15    | 2          | 3      | 5     | 12         | 8      | 20    |
| 25-29     | 0          | 0      | 0     | 8     | 4      | 12    | 1          | 1      | 2     | 9          | 5      | 14    |
| 30-34     | 0          | 0      | 0     | 8     | 5      | 13    | 0          | 5      | 5     | 8          | 10     | 18    |
| 35-39     | 0          | 0      | 0     | 4     | 2      | 6     | 0          | 1      | 1     | 4          | 3      | 7     |
| 40-44     | 0          | 0      | 0     | 5     | 0      | 5     | 0          | 0      | 0     | 5          | 0      | 5     |
| 45-49     | 0          | 0      | 0     | 2     | 3      | 5     | 0          | 0      | 0     | 2          | 3      | 5     |
| 50-54     | 0          | 0      | 0     | 0     | 3      | 3     | 0          | 0      | 0     | 0          | 3      | 3     |
| 55-59     | 0          | 0      | 0     | 0     | 6      | 6     | 0          | 0      | 0     | 0          | 6      | 6     |
| 60-64     | 0          | 0      | 0     | 0     | 2      | 2     | 0          | 0      | 0     | 0          | 2      | 2     |
| 65+       | 0          | 0      | 0     | 0     | 5      | 5     | 0          | 0      | 0     | 0          | 5      | 5     |

Total Population: 169

Population By Percentages:

| Age Group | Dene/Metis |        |       | Inuit |        |       | Non Native |        |       | All Groups |        |       |
|-----------|------------|--------|-------|-------|--------|-------|------------|--------|-------|------------|--------|-------|
|           | Male       | Female | Total | Male  | Female | Total | Male       | Female | Total | Male       | Female | Total |
| 0-4       | 0.0        | 0.0    | 0.0   | 10.7  | 5.9    | 16.6  | 0.6        | 0.0    | 0.6   | 11.2       | 5.9    | 17.2  |
| 5-9       | 0.0        | 0.0    | 0.0   | 7.1   | 7.1    | 14.2  | 0.0        | 0.0    | 0.0   | 7.1        | 7.1    | 14.2  |
| 10-14     | 0.0        | 0.0    | 0.0   | 5.9   | 3.6    | 9.5   | 0.0        | 0.0    | 0.0   | 5.9        | 3.6    | 9.5   |
| 15-19     | 0.0        | 0.0    | 0.0   | 4.7   | 3.6    | 8.3   | 0.6        | 0.0    | 0.6   | 5.3        | 3.6    | 8.9   |
| 20-24     | 0.0        | 0.0    | 0.0   | 5.9   | 3.0    | 8.9   | 1.2        | 1.8    | 3.0   | 7.1        | 4.7    | 11.8  |
| 25-29     | 0.0        | 0.0    | 0.0   | 4.7   | 2.4    | 7.1   | 0.6        | 0.6    | 1.2   | 5.3        | 3.0    | 8.3   |
| 30-34     | 0.0        | 0.0    | 0.0   | 4.7   | 3.0    | 7.7   | 0.0        | 3.0    | 3.0   | 4.7        | 5.9    | 10.7  |
| 35-39     | 0.0        | 0.0    | 0.0   | 2.4   | 1.2    | 3.6   | 0.0        | 0.6    | 0.6   | 2.4        | 1.8    | 4.1   |
| 40-44     | 0.0        | 0.0    | 0.0   | 3.0   | 0.0    | 3.0   | 0.0        | 0.0    | 0.0   | 3.0        | 0.0    | 3.0   |
| 45-49     | 0.0        | 0.0    | 0.0   | 1.2   | 1.8    | 3.0   | 0.0        | 0.0    | 0.0   | 1.2        | 1.8    | 3.0   |
| 50-54     | 0.0        | 0.0    | 0.0   | 0.0   | 1.8    | 1.8   | 0.0        | 0.0    | 0.0   | 0.0        | 1.8    | 1.8   |
| 55-59     | 0.0        | 0.0    | 0.0   | 0.0   | 3.6    | 3.6   | 0.0        | 0.0    | 0.0   | 0.0        | 3.6    | 3.6   |
| 60-64     | 0.0        | 0.0    | 0.0   | 0.0   | 1.2    | 1.2   | 0.0        | 0.0    | 0.0   | 0.0        | 1.2    | 1.2   |
| 65+       | 0.0        | 0.0    | 0.0   | 0.0   | 3.0    | 3.0   | 0.0        | 0.0    | 0.0   | 0.0        | 3.0    | 3.0   |

SOURCE: Bureau of Statistics, GNWT, 1986

ENROLMENT BY SEX AND GRADE  
For School Years  
1981 - 1986

TABLE 5

RESOLUTE BAY

| YEARS   |   | PRIMARY<br>K - 3 | INTERMEDIATE<br>4 - 6 | MIDDLE<br>7 - 9 | SENIOR<br>10 - 12 | TOTAL |
|---------|---|------------------|-----------------------|-----------------|-------------------|-------|
| 1981-82 | M | 13               | 10                    | 6               |                   | 29    |
|         | F | 8                | 5                     | 15              |                   | 22    |
|         | T | 21               | 15                    | 15              |                   | 51    |
| 1982-83 | M | 10               | 5                     | 8               |                   | 23    |
|         | F | 6                | 5                     | 1               |                   | 23    |
|         | T | 16               | 10                    | 9               |                   | 35    |
| 1983-84 | M | 6                | 8                     | 7               |                   | 22    |
|         | F | 8                | 6                     | 1               |                   | 15    |
|         | T | 14               | 14                    | 8               |                   | 37    |
| 1984-85 | M | 6                | 5                     | 3               |                   | 15    |
|         | F | 9                | 5                     | 2               |                   | 16    |
|         | T | 15               | 10                    | 5               |                   | 31    |
| 1985-86 | M | 12               | 13                    | 3               |                   | 28    |
|         | F | 9                | 8                     | 3               |                   | 20    |
|         | T | 21               | 21                    | 6               |                   | 48    |

SCHOOL ATTENDANCE SUMMARY  
 For School Years  
 1981 - 1985

TABLE 6

RESOLUTE BAY

| Y E A R S | Number of Students Enrolled | Percentage of non-attendance due to Land Days | Average percentage of attendance |
|-----------|-----------------------------|---|----------------------------------|
| 1981 - 82 | 51                          | 10  | 64                               |
| 1982 - 83 | 34                          | 9   | 68                               |
| 1983 - 84 | 38                          | 9   | 71                               |
| 1984 - 85 | 31                          | 4   | 76                               |

SOURCE: Department of Education, GNWT, 1986

TABLE 7

## High School Graduates By Home Community

For 1976 - 1985

| COMMUNITY    | 1976-77 |            | 1977-78 |            | 1978-79 |            | 1979-80 |            | 1980-81 |            | 1981-82 |            |
|--------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |
| ARCTIC BAY   | 0       | 0          | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          |
| CLYDE RIVER  | 1       | 0          | 0       | 0          | 0       | 0          | 1       | 0          | 0       | 0          | 0       | 0          |
| GRISE FIORD  | 3       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| NANISIVIK    | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| POND INLET   | 0       | 0          | 0       | 0          | 4       | 0          | 0       | 0          | 0       | 0          | 1       | 0          |
| RESOLUTE BAY | 0       | 0          | 0       | 0          | 0       | 1          | 0       | 2          | 2       | 1          | 0       | 2          |
| TOTAL        | 4       | 0          | 3       | 0          | 4       | 1          | 1       | 2          | 2       | 1          | 3       | 2          |

| COMMUNITY    | 1982-83 |            | 1983-84 |            | 1984-85 |            | TOTAL |
|--------------|---------|------------|---------|------------|---------|------------|-------|
|              | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE | INUIT   | NON-NATIVE |       |
| ARCTIC BAY   | 0       | 0          | 0       | 0          | 0       | 2          | 5     |
| CLYDE RIVER  | 0       | 0          | 0       | 0          | 0       | 0          | 2     |
| GRISE FIORD  | 0       | 0          | 0       | 0          | 0       | 0          | 4     |
| NANISIVIK    | 0       | 0          | 0       | 1          | 0       | 0          | 2     |
| POND INLET   | 2       | 1          | 0       | 0          | 0       | 0          | 8     |
| RESOLUTE BAY | 0       | 1          | 0       | 0          | 0       | 0          | 9     |
| TOTAL        | 2       | 2          | 0       | 1          | 0       | 0          | 30    |

SOURCE: Department of Education, GNWT, 1986

TABLE 8

EDUCATION LEVELS, 15+ POPULATION, 1981

## HIGHEST LEVEL OF EDUCATION

| COMMUNITY    | POPULATION        |       | NO<br>Schooling | <Gr 9 | >Gr 9 | >Gr 9-12<br>Certif. | Trades<br>Diploma | Some<br>University | University<br>Degree, Diploma |
|--------------|-------------------|-------|-----------------|-------|-------|---------------------|-------------------|--------------------|-------------------------------|
|              | 15 yrs+<br>Native | Other |                 |       |       |                     |                   |                    |                               |
| Arctic Bay   | 210               | 15    | 65              | 60    | 35    | 5                   | 30                | 10                 | 5                             |
| Clyde River  | 220               | 5     | 75              | 30    | 25    | 0                   | 35                | 5                  | 5                             |
| Grise Fiord  | 60                | 5     | 20              | 30    | 10    | 0                   | 10                | 5                  | 0                             |
| Nanisivik    | 155               | 105   | 5               | 20    | 35    | 20                  | 40                | 10                 | 20                            |
| Pond Inlet   | 370               | 35    | 110             | 140   | 45    | 5                   | 40                | 10                 | 15                            |
| Resolute Bay | 215               | 10    | 85              | 75    | 45    | 0                   | 5                 | 0                  | 10                            |
| Total        | 1230              | 175   | 360             | 355   | 195   | 30                  | 160               | 40                 | 55                            |

SOURCE: Statistics Canada, 1981 Census.

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor.

TABLE 9

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

revised: 87-02-11

| COMMUNITY      | Imputed value<br>of Country<br>Food† | Renewable<br>Resource* | Private<br>Sector | Public<br>Sector | Unearned<br>Income® | Total        |
|----------------|--------------------------------------|------------------------|-------------------|------------------|---------------------|--------------|
| Arctic Bay     | \$875,000                            | \$111,700              | \$857,400         | \$961,000        | \$224,000           | \$3,029,100  |
| Clyde River    | \$966,000                            | \$74,000               | \$720,000         | \$1,234,000      | \$375,000           | \$3,369,000  |
| Grise Fiord    | \$384,000                            | \$45,200               | \$137,200         | \$443,100        | \$57,100            | \$1,066,600  |
| Nanisivik      | \$254,000                            | NA                     | \$3,811,000       | \$555,000        | \$79,000            | \$4,699,000  |
| Pond Inlet     | \$853,000                            | \$110,500              | \$1,266,700       | \$1,698,000      | \$467,600           | \$4,395,000  |
| Resolute Bay   | \$287,000                            | \$55,100               | \$2,536,200       | \$1,644,000      | \$104,000           | \$4,626,300  |
| REGIONAL TOTAL | \$3,619,000                          | \$396,500              | \$9,320,500       | \$6,535,100      | \$1,306,700         | \$21,185,000 |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

® Unearned income includes the transfer of payments from the Territorial

† Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984, Department of Economic Development and Tourism, GMMF.

TABLE 10  
COMMUNITY INCOME BY SOURCE 1982

| Community    | PRIVATE SECTOR                     |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|--------------|------------------------------------|----------------|-----------------|----------------|--------------------|-------------------|-----------------------------------|-----------------|---------------------------|------------------------------|-------------------------------------|
|              | Renewable Resource Harvests*       | PRIMARY SECTOR |                 |                | SECONDARY SECTOR   |                   |                                   | TERTIARY SECTOR |                           |                              |                                     |
|              |                                    | Mining         | Oil & Gas       | Total          | Arts & Crafts      | Construction      | Total                             | Retail          | Tourism                   | Other                        | Total                               |
| Arctic Bay   | \$111,700.00                       | \$210,500.00   | \$275,500.00    | \$600,700.00   | \$50,000.00        | \$28,000.00       | \$38,000.00                       | \$192,000.00    | \$44,300.00               | \$34,000.00                  | \$270,400.00                        |
| Clyde River  | \$74,000.00                        | \$84,000.00    | NA              | \$158,000.00   | \$300,300.00       | \$183,000.00      | \$483,000.00                      | \$170,000.00    | NA                        | NA                           | \$170,000.00                        |
| Grise Fjord  | \$40,000.00                        | NA             | NA              | \$40,000.00    | \$20,000.00        | \$12,000.00       | \$32,000.00                       | \$80,000.00     | \$41,000.00               | \$4,200.00                   | \$105,200.00                        |
| Nanisivik    | NA                                 | \$5,578,000.00 | NA              | \$5,578,000.00 | NA                 | NA                | NA                                | \$65,000.00     | NA                        | \$170,000.00                 | \$235,000.00                        |
| Fond Inlet   | \$110,500.00                       | \$5,500.00     | \$490,000.00    | \$606,000.00   | \$70,000.00        | \$100,000.00      | \$170,000.00                      | \$343,000.00    | \$126,500.00              | \$128,700.00                 | \$598,200.00                        |
| Resolute Bay | \$55,100.00                        | NA             | NA              | \$55,100.00    | \$8,000.00         | \$21,000.00       | \$29,000.00                       | \$47,000.00     | \$37,000.00               | \$2,426,000.00               | \$2,510,000.00                      |
| TOTAL        | \$396,800.00                       | \$3,882,000.00 | \$765,500.00    | \$4,044,000.00 | \$428,000.00       | \$303,000.00      | \$789,000.00                      | \$890,000.00    | \$248,100.00              | \$2,762,900.00               | \$3,891,900.00                      |
| Community    | PUBLIC SECTOR                      |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
|              | Gov't of the Northwest Territories | Federal Gov't  | Municipal Gov't | Total          | All Sectors Income | Unearned Income @ | Imputed Value of Food Harvested + | Total Income    | Average Income per Capita | Average Income per Household | Average Earned Income per Household |
|              |                                    |                |                 |                |                    |                   |                                   |                 |                           |                              |                                     |
| Arctic Bay   | \$530,000.00                       | \$111,500.00   | \$320,000.00    | \$961,000.00   | \$1,930,100.00     | \$204,000.00      | \$275,000.00                      | \$3,029,100.00  | \$8,077.60                | \$43,272.66                  | \$27,572.86                         |
| Clyde River  | \$544,000.00                       | \$50,000.00    | \$580,000.00    | \$1,214,000.00 | \$2,028,300.00     | \$375,000.00      | \$368,000.00                      | \$3,369,000.00  | \$7,579.79                | \$42,112.50                  | \$25,350.00                         |
| Grise Fjord  | \$244,100.00                       | \$152,000.00   | \$47,000.00     | \$443,100.00   | \$325,500.00       | \$57,100.00       | \$384,000.00                      | \$1,066,600.00  | \$10,189.10               | \$53,330.00                  | \$51,275.00                         |
| Nanisivik    | \$295,000.00                       | \$260,000.00   | NA              | \$555,000.00   | \$4,328,100.00     | \$79,000.00       | \$254,000.00                      | \$4,699,000.00  | \$18,073.08               | \$67,128.57                  | \$23,371.40                         |
| Fond Inlet   | \$906,000.00                       | \$163,000.00   | \$429,000.00    | \$1,498,000.00 | \$3,075,200.00     | \$487,600.00      | \$353,000.00                      | \$4,395,800.00  | \$8,055.18                | \$35,166.40                  | \$24,601.60                         |
| Resolute Bay | \$280,000.00                       | \$1,169,500.00 | \$15,000.00     | \$1,464,000.00 | \$4,035,300.00     | \$104,000.00      | \$287,000.00                      | \$4,626,300.00  | \$27,213.53               | \$41,306.25                  | \$37,315.16                         |
| TOTAL        | \$2,679,100.00                     | \$2,495,000.00 | \$1,161,000.00  | \$6,335,100.00 | \$16,260,100.00    | \$1,306,700.00    | \$3,619,000.00                    | \$21,185,300.00 | \$12,889.04               | \$47,052.76                  | \$34,931.01                         |

\* Income from renewable resources includes that from the sale of fish, fur meat and ivory.

@ Includes the transfer of payments from the Territorial and federal governments such as social assistance, family allowance and old age security.

+ Estimates based on BRIA's harvesting study, 1981

SOURCE: A Baffin Region Economic Baseline Study, 1984. Department of Economic Development and Tourism, GNWT.



TABLE 11

LABOUR FORCE ACTIVITY, by Region and Community  
Northwest Territories, December 1984

|             | Persons<br>15-64<br>Years | Labour<br>Force | Partici-<br>pation<br>Rate | Em-<br>p-<br>loyment | Unem-<br>p-<br>loyment | Unem-<br>p-<br>loyment<br>Rate | Worked<br>in<br>1984 | Job<br>Wanted |
|-------------|---------------------------|-----------------|----------------------------|----------------------|------------------------|--------------------------------|----------------------|---------------|
|             | (no.)                     | (no.)           | (%)                        | (no.)                | (no.)                  | (%)                            | (no.)                | (no.)         |
| Arctic Bay  | 223                       | 118             | 53                         | 93                   | 26                     | 22                             | 141                  | 78            |
| Clyde River | 274                       | 133             | 49                         | 115                  | 18                     | 14                             | 176                  | 132           |
| Grise Fiord | 83                        | 57              | 69                         | 53                   | 3                      | 5                              | 66                   | 20            |
| Nanisivik   | 68                        | 59              | 87                         | 59                   | -                      | -                              | 65                   | -             |
| Pond Inlet  | 426                       | 243             | 57                         | 183                  | 60                     | 25                             | 288                  | 173           |
| Resolute    | 79                        | 55              | 70                         | 40                   | 15                     | 27                             | 63                   | 32            |

Source: GNWT, Bureau of Statistics, 1985

TABLE 12

INDUSTRY DIVISION AND CLASS OF WORKERS  
1981 CENSUS

| COMMUNITY   | 15 yrs +<br>NATIVE | OTHER | ALL<br>INDUSTRY | PUBLIC ADMIN./<br>DEFENCE | COMMUNITY<br>BUS./SOCIAL | TRANSPORT/<br>COMMUN. | TRADE | CONST. | MANUF.* | PRIMARY** | FINANCE<br>ISSUANCE |
|-------------|--------------------|-------|-----------------|---------------------------|--------------------------|-----------------------|-------|--------|---------|-----------|---------------------|
| Arctic Bay  | 210                | 15    | 90              | 25                        | 15                       | 10                    | 10    | 5      | 20      | 5         | 5                   |
| Clyde River | 220                | 5     | 95              | 25                        | 35                       | 5                     | 10    | 0      | 5       | 0         | 10                  |
| Grise Flord | 60                 | 5     | 35              | 0                         | 0                        | 5                     | 0     | 0      | 0       | 0         | 0                   |
| Nanisivik   | 155                | 105   | 125             | 5                         | 5                        | 5                     | 0     | 0      | 105     | 0         | 0                   |
| Pond Inlet  | 370                | 35    | 180             | 45                        | 60                       | 15                    | 10    | 0      | 20      | 5         | 10                  |
| Resolute    | 215                | 10    | 55              | 20                        | 5                        | 5                     | 5     | 5      | 15      | 0         | 0                   |
| TOTAL       | 1230               | 175   | 580             | 120                       | 120                      | 45                    | 35    | 10     | 165     | 10        | 25                  |

SOURCE: Statistics Canada, 1981 Census

NOTE: Statistics Canada figures are randomly rounded, therefore there is a certain error factor, eg. if there are less than 5 people zero is shown.

\* Including employment with the Oil and Gas and Mining industry.

\*\* Employment with the renewable resources sector.

TABLE 13

## CERTIFIED JOURNEYMAN BY COMMUNITY

FROM 1970 TO JULY 1986

| COMMUNITY    | Gasfitter | Motor Vehicle Mechanic | Heavy Duty Operator | Diesel Mechanic | Housing Maintenance Serviceman | Industrial Warehouseman | Burner Mechanic | Industrial Electrician | Refrigeration; Air conditioning Mechanic | Plumber | Heavy duty Mechanic | Electrician | Auto Body Mechanic | Machinist | Carpenter | Millwright | Power Lineman | Steam fitter Pipe fitter | Welder | Appliance Serviceman | Commercial Cook | TOTAL |    |
|--------------|-----------|------------------------|---------------------|-----------------|--------------------------------|-------------------------|-----------------|------------------------|--|---------|---------------------|-------------|--------------------|-----------|-----------|------------|---------------|--------------------------|--------|----------------------|-----------------|-------|----|
| NANISIVIK*   |           |                        | 6                   |                 |                                | 1                       |                 | 2                      |  | 4       |                     | 7           | 1                  | 2         | 1         | 4          |               | 1                        | 1      |                      |                 |       | 30 |
| GRESE FIORD  |           |                        | 1                   |                 |                                |                         |                 |                        |  |         |                     |             |                    |           | 1         |            |               |                          |        |                      |                 |       | 2  |
| ARCTIC BAY   |           |                        | 9                   |                 | 1                              |                         |                 |                        |  |         |                     |             |                    |           | 3         |            |               |                          |        |                      |                 |       | 13 |
| POND INLET   |           | 1                      | 2                   | 1               | 4                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 8  |
| RESOLUTE BAY |           | 1                      | 1                   |                 | 1                              |                         |                 |                        |  | 1       |                     | 4           |                    |           |           |            | 1             |                          |        |                      |                 |       | 9  |
| CLYDE RIVER  |           |                        | 5                   |                 | 2                              |                         |                 |                        |  |         |                     |             |                    |           |           |            |               |                          |        |                      |                 |       | 7  |
| TOTAL        | 0         | 2                      | 24                  | 1               | 8                              | 1                       | 0               | 2                      | 0  | 5       | 0                   | 11          | 1                  | 2         | 5         | 4          | 1             | 1                        | 1      | 0                    | 0               |       | 69 |

\* About 30% of certified journeymen from Nanisivik were of non-native origin.

Source: Department of Education, GNWT, Records and Certification Division.  
The data is based on home addresses given at the time of certification.  
Thus the particular journeyman may or may not be currently a resident  
of the community indicated.

TABLE 14

TABLE

## TRAPPER INCOME BY COMMUNITY, LANCASTER SOUND REGION

Settlement: RESOLUTE BAY

| Year      | Total<br>Number of<br>Trappers | Total No.<br>Trappers<br>Earning<br>Over \$400 | Total No.<br>Trappers<br>Earning<br>Over \$600 | # of Trappers Earning |                       |          | Total Income From<br>Trapping |                 | Average Trapper<br>Income |                 |
|-----------|--------------------------------|--|--|-----------------------|-----------------------|----------|-------------------------------|-----------------|---------------------------|-----------------|
|           |                                |  |  | \$400 to<br>\$1,000   | \$1,000 to<br>\$5,000 | \$5,000+ | Real<br>Dollars               | 1985<br>Dollars | Real<br>Dollars           | 1985<br>Dollars |
| 1973-1974 | 27                             | 19   | -  | 4                     | 13                    | -        | \$36,299.00                   | \$87,447.59     | \$1,344.41                | \$3,238.80      |
| 1974-1975 | 18                             | 7  | -  | 5                     | 2                     | -        | \$8,120.00                    | \$17,655.79     | \$451.11                  | \$980.88        |
| 1975-1976 | 28                             | 6  | -  | 5                     | 1                     | -        | \$8,812.57                    | \$17,821.29     | \$314.73                  | \$636.47        |
| 1976-1977 | 37                             | 14   | -  | 8                     | 6                     | -        | \$22,569.74                   | \$42,280.87     | \$609.99                  | \$1,142.73      |
| 1977-1978 | 29                             | -  | 5  | 4                     | 1                     | -        | \$10,127.00                   | \$17,431.05     | \$349.21                  | \$601.07        |
| 1978-1979 | 36                             | -  | 31   | 6                     | 25                    | -        | \$50,678.00                   | \$79,879.08     | \$1,407.72                | \$2,218.86      |
| 1979-1980 | 30                             | -  | 17   | 8                     | 9                     | -        | \$27,391.00                   | \$39,191.62     | \$913.03                  | \$1,306.39      |
| 1980-1981 | *                              | *  | *  | *                     | *                     | *        | *                             | *               | *                         | *               |
| 1981-1982 | 31                             | -  | 23   | 4                     | 17                    | 2        | \$54,841.00                   | \$62,958.26     | \$1,769.06                | \$2,030.91      |
| 1982-1983 | 11                             | -  | -  | -                     | -                     | -        | \$1,754.00                    | \$1,903.66      | \$159.45                  | \$173.06        |
| 1983-1984 | 11                             | -  | 1  | 1                     | -                     | -        | \$2,383.00                    | \$2,478.48      | \$216.64                  | \$225.32        |
| 1984-1985 | 28                             | -  | 4  | 3                     | 1                     | -        | \$6,787.00                    | \$6,787.00      | \$242.39                  | \$242.39        |

\* All records for this year destroyed by fire at HBC

SOURCE: Department of Renewable Resources, GNWT, 1986

TABLE 15  
TABLE 14  
WILDLIFE HARVEST DATA FOR 1983  
COMMUNITY: Resolute Bay

| SPECIES                          | TOTAL NO.<br>HARVESED | TOTAL<br>EDIBLE<br>MASS | TOTAL<br>HARVESTED<br>PER CAPITA | PER CAPITA<br>EDIBLE<br>WEIGHT | ESTIMATED MASS<br>USED TO CALCULATE<br>EDIBLE BIOMASS |
|----------------------------------|-----------------------|-------------------------|----------------------------------|--------------------------------|---|
| Ringed Seal                      | 252                   | 5040                    | 1.7                              | 34.05                          | 20  |
| Polar Bear                       | 25                    | 3975                    | 0.17                             | 26.86                          | 159   |
| Other Marine<br>Mammals (ave)    | 16                    | 1568                    | 0.11                             | 10.59                          | 98  |
| Muskox                           | 2                     | 220                     | 0.01                             | 1.49                           | 110   |
| Arctic Hare                      | 0                     | 0                       | 0                                | 0                              | 0   |
| Caribou                          | 155                   | 7440                    | 1.05                             | 50.27                          | 48  |
| Rock Ptarmigan                   | 299                   | 188                     | 2.02                             | 1.27                           | 0.63  |
| Waterfowl (ave)                  | 55                    | 82                      | 0.37                             | 0.55                           | 1.49  |
| Seabirds (ave)                   | 39                    | 21                      | 0.26                             | 0.14                           | 0.54  |
| Char                             | 6323                  | 1266                    | 4.28                             | 8.55                           | 2   |
| (anadromous)*<br>Other           | 3                     | 1                       | 0.02                             | 0.01                           | 0.33  |
| Ocean Fish<br>Landlocked<br>Char | 25                    | 25                      | 0.17                             | 0.17                           | 1   |
| Lake Trout<br>Other              | X                     | X                       | X                                | X                              | X   |
| Freshwater Fish                  | X                     | X                       | X                                | X                              | X   |
| Whale ** (ave)                   | 17                    | 6324                    | 0.1                              | 42.73                          | 372   |
| TOTALS                           |                       | 26150                   |                                  | 176.68                         |   |

## NOTES:

An "X" indicates that data for these species was not collected for this year.  
(ave) indicates that several species were included in this category.  
\* Anadromous implies that fish were caught while ascending rivers to spawn.  
\*\* Using estimated edible biomass of 469 Kg for Narwal and 372 Kg for Beluga whale, it appears that the whale harvest consisted of 17 Beluga.

SOURCE: Wong, MP, Chemical Residues in Fish and Wildlife Species Harvested  
In Northern Canada, 1985.

TABLE 16

## GOVERNMENT OF THE NORTHWEST TERRITORIES

## ACTUAL EXPENDITURES BY SETTLEMENT - 1985/86

| SETTLEMENT             | -----O&I EXPENDITURES - \$----- |                          |                  |                  | -----CAPITAL EXPENDITURES-\$----- |                |                          |                  | TOTAL<br>Cap & O&I |
|------------------------|---------------------------------|--------------------------|------------------|------------------|-----------------------------------|----------------|--------------------------|------------------|--------------------|
|                        | Salaries<br>& Wages             | Grants &<br>Contribution | Other<br>O&I     | TOTAL            | Buildings<br>& Works              | Equipment      | Grants &<br>Contribution | TOTAL            |                    |
| Arctic Bay             | 656,263                         | 622,208                  | 376,132          | 1,654,603        | 2,167,888                         | 29,078         | 12,500                   | 2,209,466        | 3,864,069          |
| Clyde River            | 632,226                         | 648,326                  | 304,502          | 1,765,054        | 135,994                           | 6,288          |                          | 142,282          | 1,927,336          |
| Grise Fiord            | 249,479                         | 91,299                   | 226,261          | 567,039          | 847,142                           | 5,287          |                          | 852,429          | 1,419,468          |
| Hanisiwik              | 621,405                         | 9,832                    | 1,008,057        | 1,639,294        | 1,856                             | 1,177          |                          | 3,033            | 1,642,327          |
| Pond Inlet             | 1,180,893                       | 729,731                  | 455,211          | 2,365,835        | 401,693                           | 40,217         | 132,230                  | 574,140          | 2,939,975          |
| Resolute Bay           | 376,571                         | 80,019                   | 438,611          | 897,201          | 1,036,348                         | 29,078         | 12,500                   | 1,077,926        | 1,975,127          |
| <b>Baffin Subtotal</b> | <b>3,718,837</b>                | <b>2,381,415</b>         | <b>2,808,774</b> | <b>8,909,026</b> | <b>4,590,921</b>                  | <b>111,125</b> | <b>157,230</b>           | <b>4,859,276</b> | <b>13,768,302</b>  |

SOURCE: Department of Finance, GNWT, 1986

TABLE 17

TABLE 16

## SOCIAL ASSISTANCE EXPENDITURES BY COMMUNITIES &amp; REGIONS, 1980 - 1985

| COMMUNITY    |         | SA BY COMMUNITY<br>1980-85<br>(CALCULATED IN<br>1980 DOLLARS) | \$ SA<br>EXPENDITURES<br>(ACTUAL \$'s) | RECI-<br>PIENTS | AVERAGE \$/<br>RECIPIENT | TOTAL<br>CASES | AVERAGE<br>NO.<br>CASE/MONTH | AVERAGE<br>SA \$/CASE<br>(ACTUAL \$'s) |
|--------------|---------|---|--|-----------------|--------------------------|----------------|------------------------------|--|
| Arctic Bay   | 1980-81 | 44,081  | 44,081                                 | 43              | 1,025                    | 138            | 12                           | 319                                    |
|              | 1981-82 | 49,415  | 55,460                                 | 40              | 1,387                    | 158            | 13                           | 351                                    |
|              | 1982-83 | 40,574  | 50,030                                 | 34              | 1,471                    | 143            | 12                           | 350                                    |
|              | 1983-84 | 57,197  | 74,186                                 | 48              | 1,546                    | 192            | 16                           | 386                                    |
|              | 1984-85 | 49,135  | 66,309                                 | 38              | 1,761                    | 170            | 14                           | 390                                    |
| Clyde River  | 1980-81 | 103,606   | 103,606                                | 64              | 1,619                    | 266            | 22                           | 390                                    |
|              | 1981-82 | 120,142   | 134,839                                | 61              | 2,210                    | 335            | 28                           | 403                                    |
|              | 1982-83 | 128,788   | 158,801                                | 80              | 1,985                    | 412            | 32                           | 385                                    |
|              | 1983-84 | 142,264   | 184,519                                | 93              | 1,984                    | 435            | 36                           | 424                                    |
|              | 1984-85 | 134,706   | 181,790                                | 87              | 2,091                    | 437            | 36                           | 416                                    |
| Grise Fiord  | 1980-81 | 7,233   | 7,233                                  | 9               | 804                      | 30             | 3                            | 241                                    |
|              | 1981-82 | 12,662  | 14,211                                 | 19              | 748                      | 54             | 4                            | 263                                    |
|              | 1982-83 | 10,635  | 13,113                                 | 17              | 771                      | 57             | 5                            | 230                                    |
|              | 1983-84 | 24,766  | 32,122                                 | 29              | 1,108                    | 101            | 8                            | 318                                    |
|              | 1984-85 | 37,286  | 50,318                                 | 31              | 1,623                    | 148            | 12                           | 340                                    |
| Fond Inlet   | 1980-81 | 94,240  | 94,240                                 | 64              | 1,473                    | 246            | 21                           | 383                                    |
|              | 1981-82 | 84,638  | 94,992                                 | 60              | 1,583                    | 247            | 21                           | 385                                    |
|              | 1982-83 | 94,306  | 116,283                                | 75              | 1,550                    | 301            | 12                           | 386                                    |
|              | 1983-84 | 110,496   | 143,315                                | 93              | 1,541                    | 330            | 27                           | 434                                    |
|              | 1984-85 | 101,855   | 137,456                                | 79              | 1,727                    | 304            | 25                           | 452                                    |
| Resolute Bay | 1980-81 | 17,736  | 17,736                                 | 17              | 1,043                    | 60             | 5                            | 296                                    |
|              | 1981-82 | 13,073  | 14,672                                 | 13              | 1,129                    | 49             | 4                            | 299                                    |
|              | 1982-83 | 18,374  | 22,656                                 | 16              | 1,416                    | 59             | 5                            | 384                                    |
|              | 1983-84 | 24,223  | 31,418                                 | 24              | 1,309                    | 83             | 7                            | 379                                    |
|              | 1984-85 | 13,660  | 18,435                                 | 21              | 903                      | 54             | 5                            | 341                                    |

SOURCE: Report on the Social Assistance Program: 1980-1985, GNWT, Department of Services, Yellowknife, 1985

TABLE 18  
FOOD PRICE INDEXES, By Major Category and Selected Communities  
 Northwest Territories, June 1985  
 (Yellowknife = 100)

| Community   | All<br>Items | Meat | Fish | Dairy<br>& Eggs | Cereal<br>&<br>Bakery | Fruit | Vege-<br>tables | Sugar | Coffee<br>& Tea | Fats<br>& Oils | Non-<br>Alcohol.<br>Bev. | Other<br>Food<br>Items |
|-------------|--------------|------|------|-----------------|-----------------------|-------|-----------------|-------|-----------------|----------------|--------------------------|------------------------|
| Arctic Bay  | 167          | 142  | 119  | 189             | 115                   | 212   | 214             | 157   | 101             | 168            | 150                      | 159                    |
| Clyde River | 166          | 160  | 127  | 167             | 137                   | 176   | 220             | 154   | 100             | 154            | 147                      | 154                    |
| Grise Fiord | 175          | 130  | 131  | 285             | 145                   | 143   | 190             | 175   | 118             | 192            | 174                      | 143                    |
| Nanisivik   | 163          | 151  | 109  | 201             | 128                   | 156   | 191             | 154   | 109             | 141            | 159                      | 163                    |
| Pond Inlet  | 162          | 142  | 119  | 195             | 113                   | 186   | 193             | 148   | 89              | 150            | 140                      | 181                    |
| Resolute    | 163          | 149  | 116  | 196             | 158                   | 143   | 163             | 150   | 136             | 148            | 219                      | 159                    |

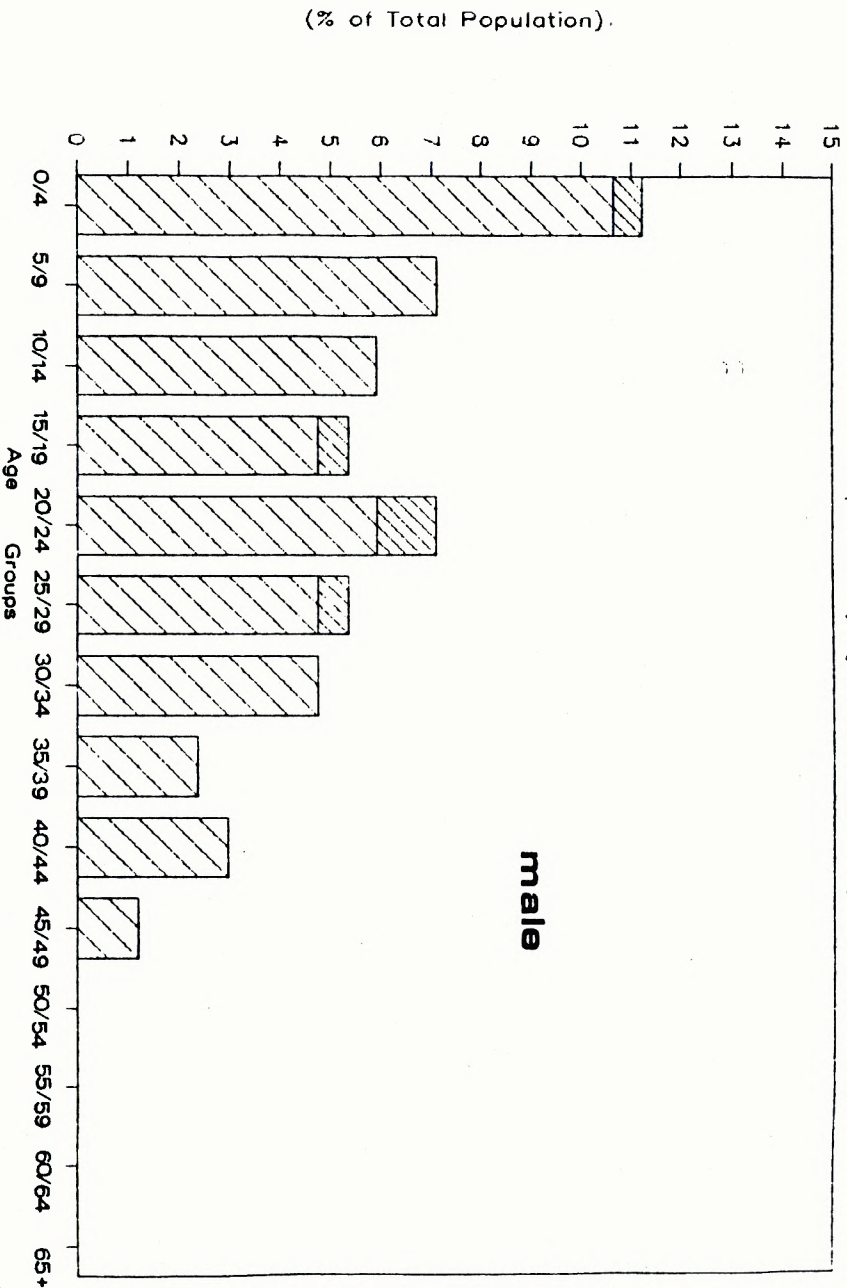
SOURCE: GNWT, Bureau of Statistics, 1985.



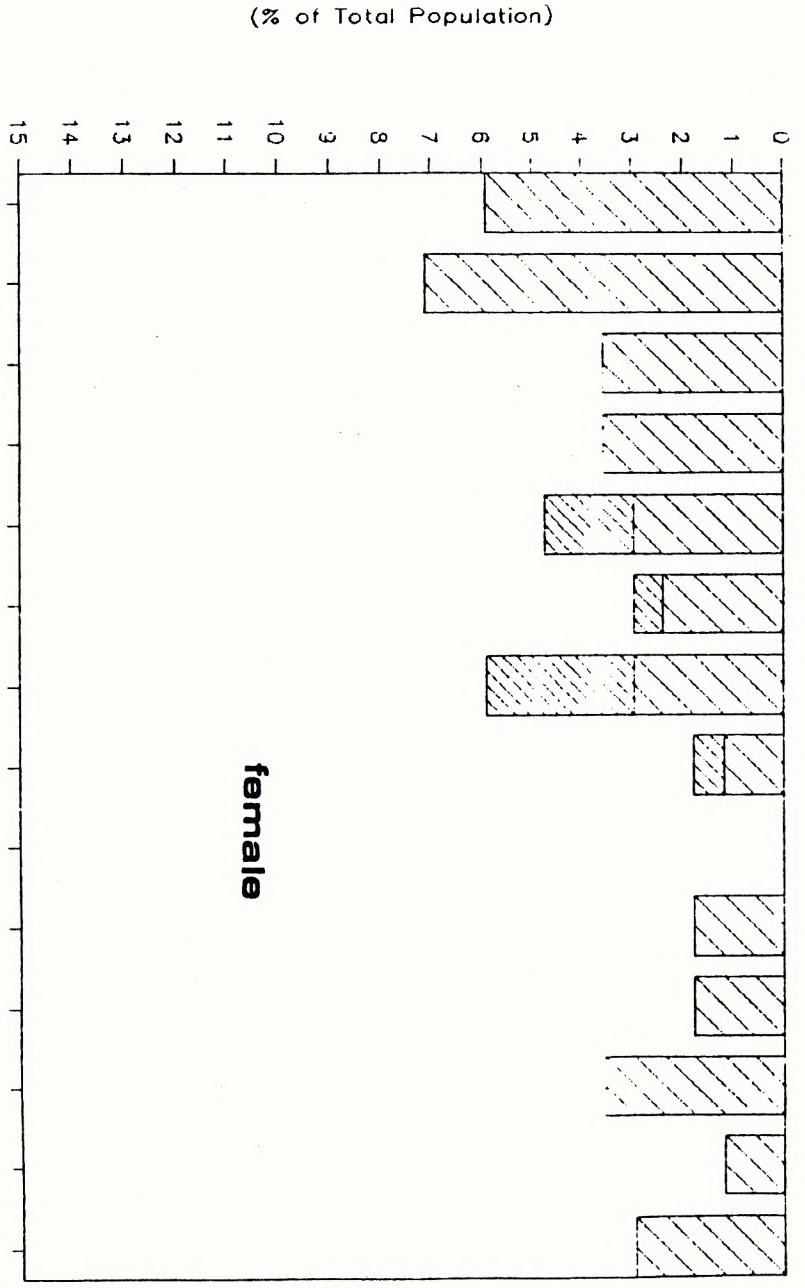
# RESOLUTE, 1985

FIGURE 1




Population By Age, Sex and Ethnicity



**male**



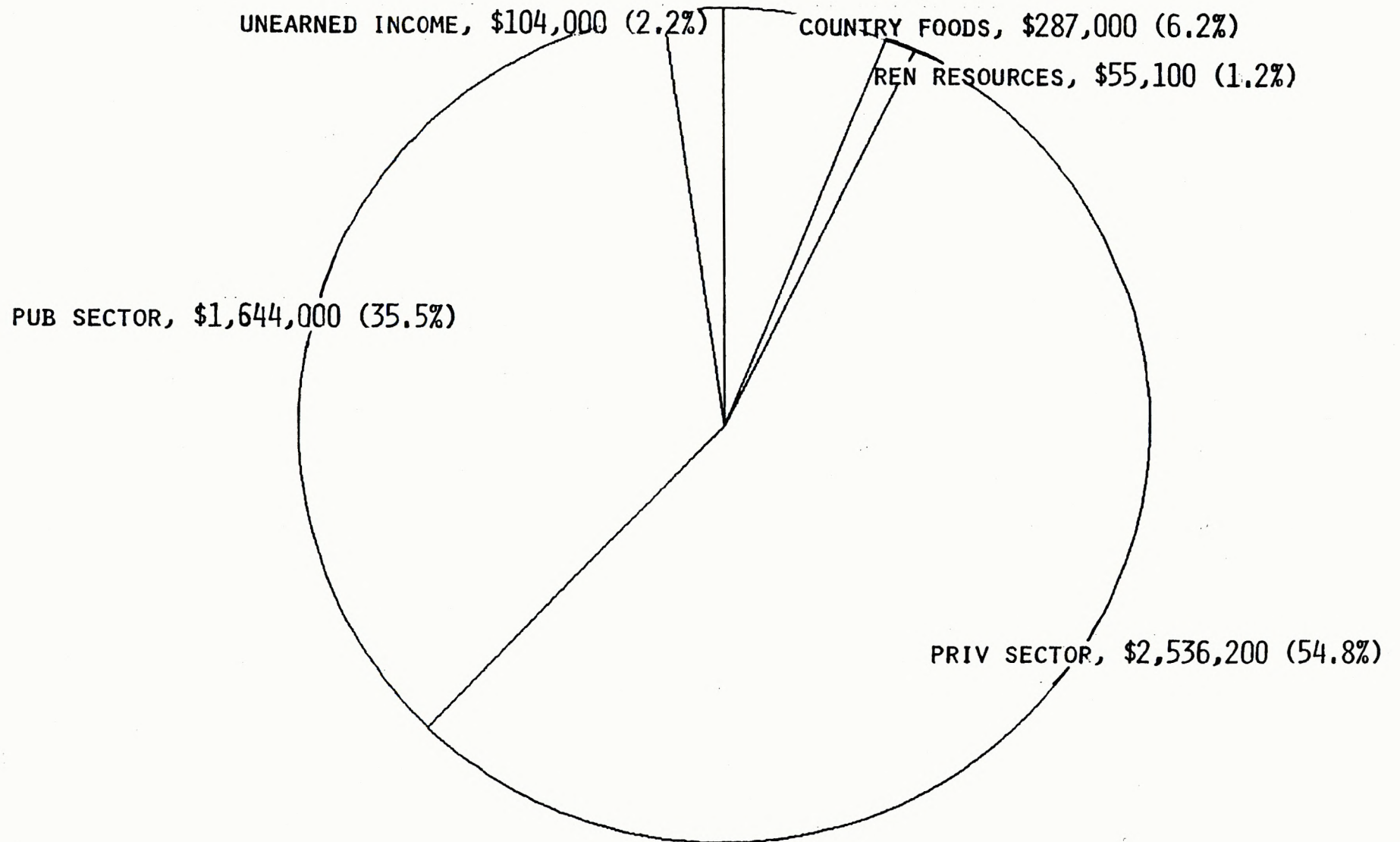
**female**

 Inuit
  Dene/Metis
  Non Native

# RESOLUTE BAY

FIGURE 2

## ESTIMATES OF PERSONAL INCOME FROM ALL SOURCES, 1982

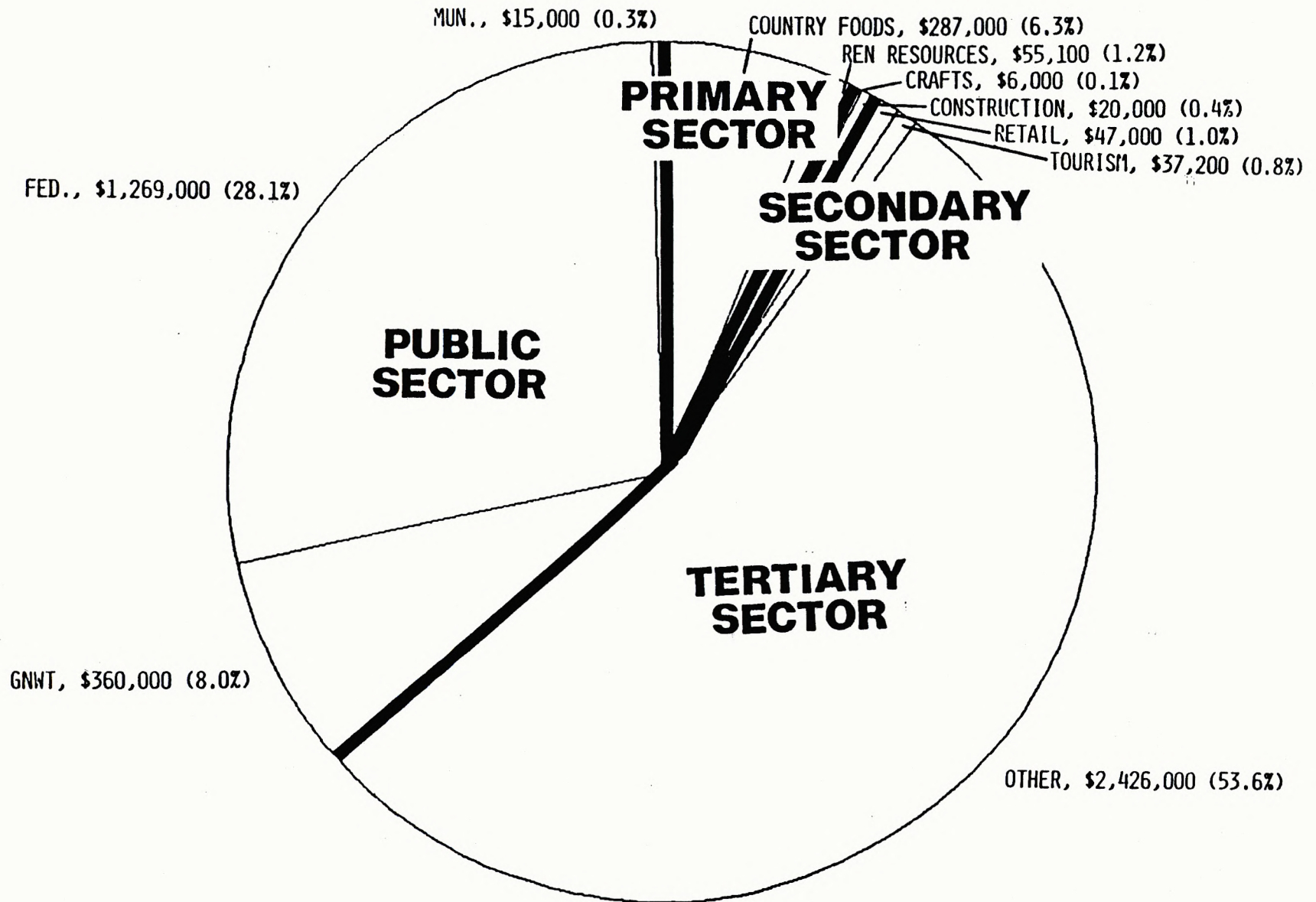


Source: GNWT, Department of Economic Development and Tourism.  
A Baffin Region Economic Baseline Study, 1984.

# RESOLUTE BAY

## INCOME BY SOURCE AND IMPIUTED VALUE OF COUNTRY FOODS, 1982

FIGURE 3

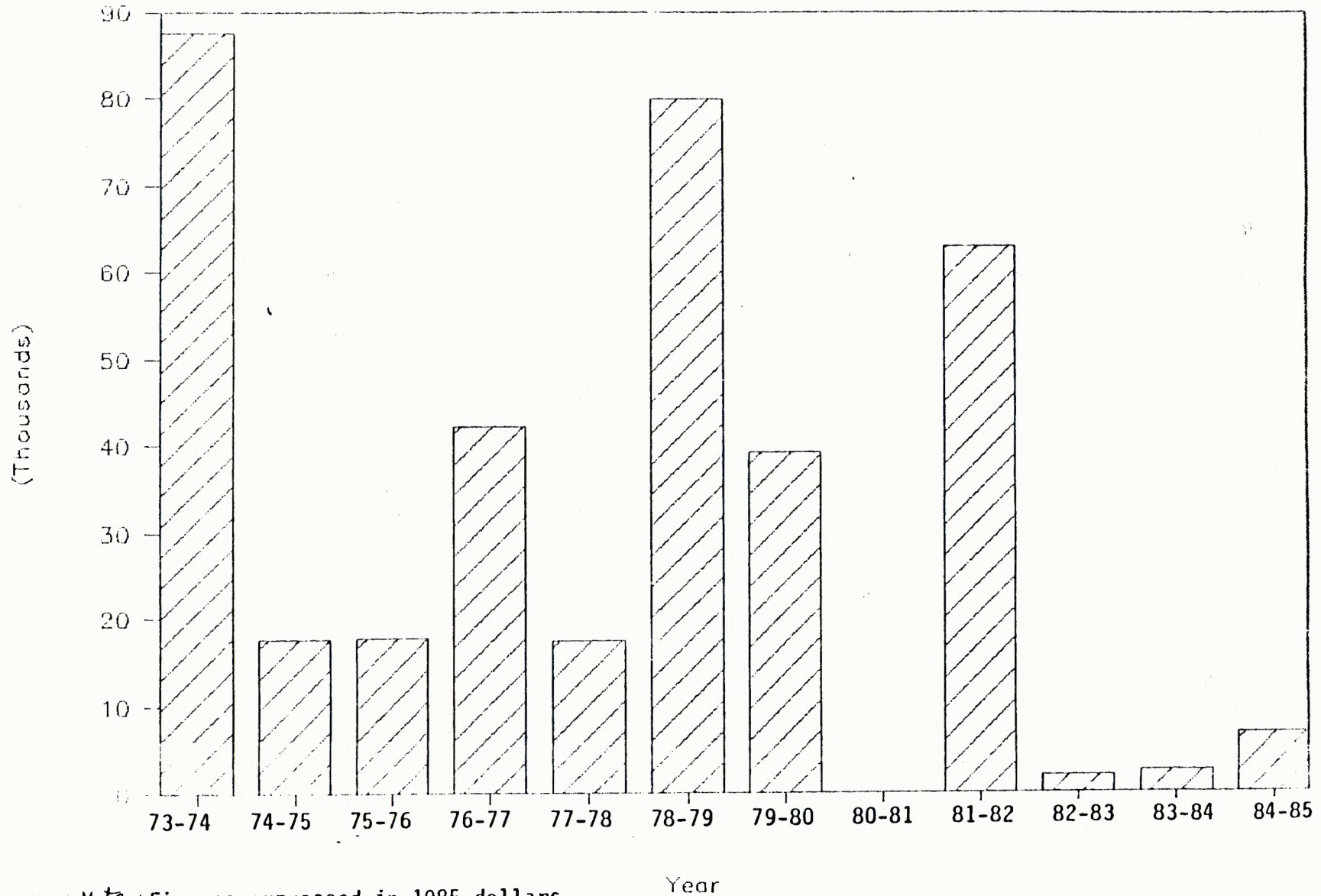


Source: GNWT Department of Economic Development and Tourism,  
A Baffin Region Economic Baseline Study, 1984.

# RESOLUTE BAY

FIGURE 4

Total Income From Trapping, 1973-1985



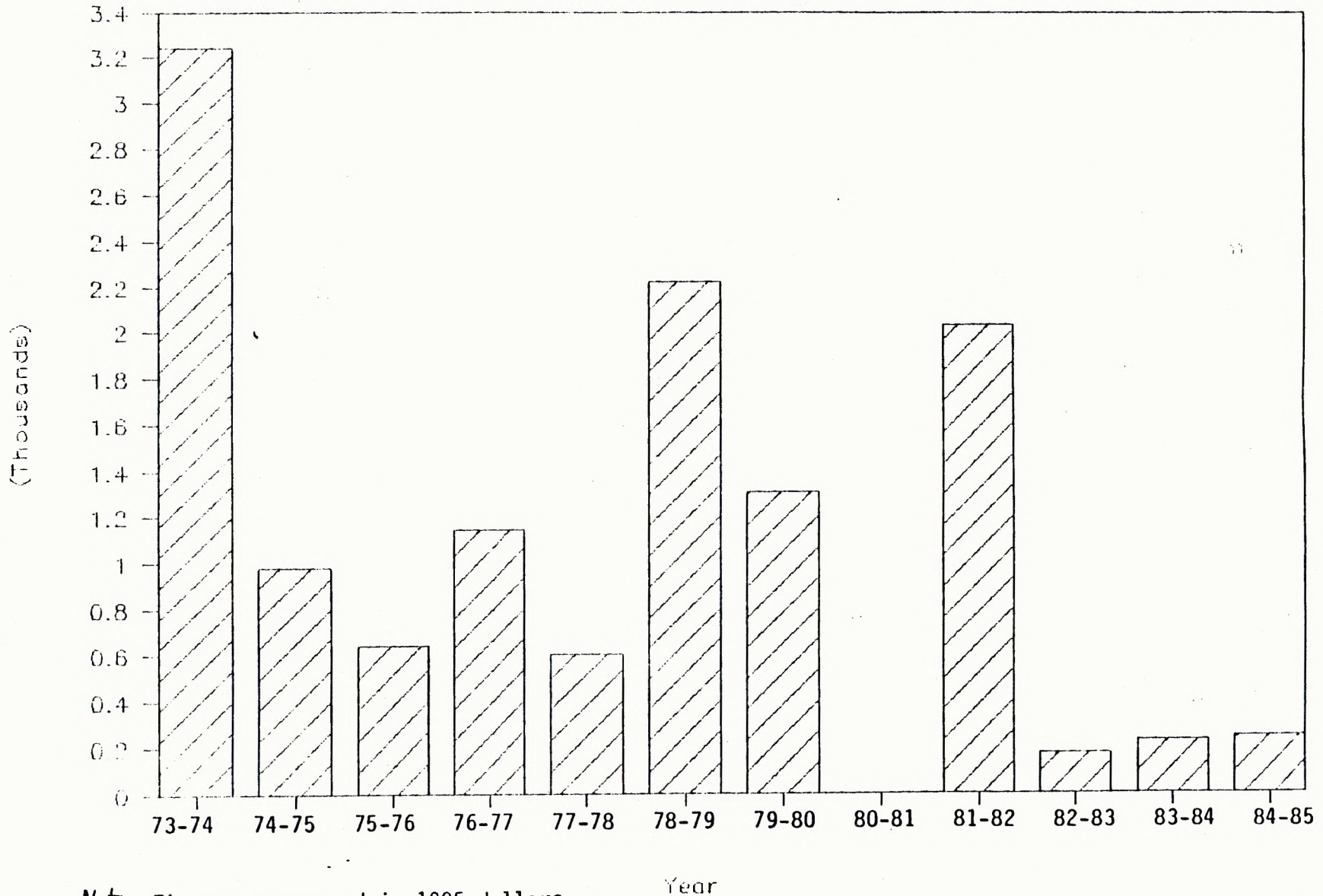
Note: Figures expressed in 1985 dollars

NOTE: All records for 1980-1981 season destroyed by fire at HBC

SOURCE: Department of Renewable Resources, GNWT, 1986.

# RESOLUTE BAY FIGURE 5

Average Income From Trapping, 1973-1985



Note : Figures expressed in 1985 dollars

All records for 1980-1981 season destroyed by fire at HBC

SOURCE: Department of Renewable Resources, GNWT, 1986

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