Annual Summary of Fish Harvesting Activities

Western Canadian and Arctic Freshwater Fisheries

Volume 21

2002-2003

Freshwater Institute Central and Arctic Region Department of Fisheries and Oceans Winnipeg, Manitoba R3T 2N6 **Principal Contributors:**

Brent Fontaine Salim Hayder

Contact: Sheri Andres (204) 984-5518 Sheri.Andres@dfo-mpo.gc.ca

Mailing Address:

Policy and Economics Branch Central & Arctic Region Department of Fisheries and Oceans Freshwater Institute 501 University Crescent Winnipeg, Manitoba R3T 2N6

© Her Majesty the Queen in Right of Canada, 2010.

Cat. No. Fs 66-5/178(Vol.21)E-PDF ISSN 1488-5441

Correct citation for this publication:

Department of Fisheries and Oceans. 2010. Annual Summary of Fish Harvesting Activities, Volume 21, 2002-2003: xiii + 88

Foreword

The Freshwater Fish Marketing Corporation (FFMC) and the Department of Fisheries and Oceans, Central and Arctic Region (DFO) have, for more than thirty years, co-operated in the development and maintenance of a commercial fisheries database. The harvest data are developed from the FFMC's purchase ticket, which records the catch and payment for every sales transaction between individual harvesters and the FFMC. The database provides comprehensive information on the commercial fishery (e.g. fish harvesters, lakes, delivery points, species, weeks, months, seasons of fishing, etc.). This data has been used by the FFMC, DFO, and the fisheries management agencies of the participating provinces and territory in the FFMC's area of operation. Data is also provided on request to other federal, provincial or territorial agencies, universities, and others interested in fisheries. The participating jurisdictions include Manitoba, Saskatchewan, Alberta, the Northwest Territories, and select parts of the northwest region of Ontario.

This report focuses on commercial freshwater fish harvesting activity in FFMC participating jurisdictions from May 1, 2002 to April 30, 2003. The period covers two distinct fishing seasons, the open water, summer fishery from May through October and the on ice, winter fishery from November through April. Marketing and historical trend information is included.

Section 1 provides harvesting data. Section 2 provides comparative analyses of each FFMC participating jurisdiction. Sections 3 through 6 provide similar analyses for each FFMC participating jurisdiction. Northwestern Ontario has been excluded from this section in consideration of the low percentage share of the province in freshwater fisheries. However, Northwestern Ontario has been included in Section 1 providing data by jurisdiction.

Persons interested in obtaining more information on commercial freshwater fisheries in FFMC participating jurisdictions may contact:

Policy and Economics Branch Central & Arctic Region Department of Fisheries and Oceans Freshwater Institute 501 University Crescent Winnipeg, Manitoba R3T 2N6

Highlights 2002-2003

The following is a brief summary of key trends on commercial freshwater fish harvesting activity in FFMC participating jurisdictions for the fiscal year 2002-03. This section is intended to provide highlights on landings, landed and market values, and the number of self-employed harvesters. Please see sections 1 through 6, for detailed data tables and trend analyses.

Section 1: Western Canadian Freshwater Fisheries Summary

- 22,569 metric tonnes (t) of fish were harvested. Landings are up by 3.12% from 2001-02.
- The landed and market values of the harvest were \$41.1 million and \$63.9 million, respectively.
- Of the total landings of 22,569t, whitefish accounts for 30.7%%, unchanged from 2001-02, pickerel accounts for 22.8%, down from 23.4% in 2001-02, mullet accounts for 22.7%, unchanged from down from 2001-02, and northern pike accounts for 10.6% down from 11.5% in 2001-02.
- Landings for most species increased, except for northern pike and lake trout which are down by 5.0% and 24.3%, respectively.
- Of the total landings of 22,569t, Lake Winnipeg (6,200t) accounted for the largest volume distantly followed by Lake Winnipegosis (2,444t), Lake Manitoba (2,363t), and Great Slave (1,065t).
- The FFMC purchased catch from 2,833 self-employed harvesters in 2002-03 compared to 2,785 in 2001-02, a rise of 1.72%. The number of self-employed harvesters falling in the landings range \$0 \$10,000 accounted for most of the increase.

Section 2: Analysis by Jurisdiction

• Manitoba harvesters caught 66.1% of the total harvest and received 76.5% of the landed value which can be attributed to the high value of pickerel. Saskatchewan harvesters caught 19.0% of the harvest and received 12.5% of the landed value.

Alberta caught 10.1% and received 7.7%. Northwest Territories caught 4.8% and received 3.2%.

• Of the total 2,831 harvesters, Manitoba has 1,858 (65.6%), Saskatchewan has 590 (24.8%), Northwest Territories has 112 (5.2%), and Alberta has 105 (4.4%).

Section 3 - 6: Provincial Overview - (Alberta, Saskatchewan, Manitoba, Northwest Territories)

Alberta:

- 2,274t of fish were harvested. Landings are up by 22.8% from 2001-02.
- Except whitefish, landings for all species are down from the previous year. Whitefish, which accounts for 89.5% of provincial landings, are up by 30.9%.
- The landed and market values of the harvest are \$3.2 million and \$5.0 million, respectively. Total landed value increased by 32.9% from 2001-02.
- Lake Utikuma accounted for the largest volume (53.3%) followed by Lesser Slave Lake Lake (41.9%).
- There are 124 self-employed harvesters in 2002-03 down from 139 (10.8%) in 2001-02. The decrease was caused by the fall in both winter and summer seasons harvesters.
- The number of self-employed summer and winter seasons' harvesters are down by 18.6% and 19.6% in 2002-03, respectively while the number of self-employed harvesters in both seasons is up by 4.0%.

Saskatchewan:

- 4,284t of fish were harvested. Landings are down by 3.2% from 2001-02.
- Except for pickerel and mullet, landings for all other major species decreased in 2002-03. Whitefish accounts for 32.8% of the total harvests, down from 33.3% in 2001-02. Mullet accounts for 26.4%, up from 24.4% in 2001-02.
- The landed and market values of the harvest are \$5.1 million and \$10.0 million, respectively. The total landed value is up by 1.0% in 2002-03.
- Reindeer accounted for the largest volume (11.1% of 4,284t) followed by Ile-a-la Crosse (8.9% of 4,284t).
- The number of self-employed harvesters is up by 10.7% to 703 in 2002-03 across all categories. The number of self-employed winter season harvesters is up by

17.0% in 2002-03 and that of summer season is down slightly by 1.6%. The number of self-employed harvesters who worked both summer and winter was up by 30.8%.

Manitoba:

- 14,903t of fish were harvested. Landings are up by 3.4% from 2001-02.
- Of the major species, landings for whitefish, pickerel, and perch are down while landings for mullet, northern pike, and sauger are up in 2001-02. Pickerel, which accounts 41.8% of the total harvests, landings fell by 1% in 2002-03. On the other hand, mullet, which accounts for 22.2%, landings were up by 3.5% in 2002-03.
- The landed and market values of the harvest are \$31.4 million and \$46.7 million, respectively. Total landed value is down by less than 1% from the previous year.
- Lake Winnipeg accounts for most of the catch (41.6% of 14,903t) followed by the Lake Winnipegosis (16.4% of 14,903t).
- The number of self-employed harvesters is 1,858, up by less than 1% from the previous year. The number of self-employed summer season harvesters is up by 1.2% in 2002-03 and is down by 4.4% for winter season. The number of self-employed harvesters for both seasons is up by 4.5% in 2002-03.

Northwest Territories:

- 1,085t of fish were harvested. Landings are down by 2.5% from 2001-02.
- Whitefish accounts for 72.5% of the total harvests 1,086t and lake trout accounts for 3.7% of the total harvests 1,086t are down by 16.5% and 37.5% in 2002-03, respectively.
- The landed and market values of the harvest are \$1.3 million and \$2.2 million, respectively. The total landed value is down by 12.7% from 2001-02.
- Great Slave Lake accounts for most for the landings (98.1% of 1,086t).
- The number of self-employed harvesters is down from 151 in 2001-02 to 146 in 2002-03. The numbers of both self-employed winter season and both seasons harvesters are down by 18.8% and 1.7%, respectively, while the number of self-employed summer season harvesters is up by 11.4% in 2002-03.

Annual Summary of Harvesting Activities: At a Glance

| | | | Jurisdiction | | |
|--------------------------|---|---|---|--|---|
| | Alberta | Saskatchewan | Manitoba | NWT | Total* |
| | | | | | |
| Landings (t) | 2,274 | 4,284 | 14,903 | 1,085 | 22,569 |
| % Change from 2001-2002 | 22.7% | -3.2% | 3.4% | -7.0% | 3.12% |
| Landed Value (\$000) | 3,162 | 5,140 | 31,397 | 1,324 | 41,052 |
| % Change from 2001-2002 | 32.5% | 0.7% | -0.5% | -12.8% | 1.15% |
| Self-Employed Harvesters | 124 | 703 | 1,858 | 146 | 2,833 |
| % Change from 2001-2002 | -10.8% | 10.7% | 0.2% | -3.5% | 1.7% |
| Major Harvested Species | Whitefish, Pickerel, northern pike | Whitefish, mullet, Pickerel, northern pike, lake trout | Whitefish, Pickerel, sauger, northern pike, perch, mullet | Whitefish, Pickerel, lake trout, northern pike, inconnu | Whitefish, Pickerel, sauger, northern pike, mullet, lake trout |

Note: * *includes Northwestern Ontario;* ** *To protect the identities of harvesters where the number of harvesters is three or less, the "rule of three" <4 (less than four) is used.*

Glossary of Terms:

Delivery Point: A delivery point is a fish facility where fish harvesters sell their catches directly to the FFMC or indirectly through agents of the FFMC.

Fiscal Year: A fiscal year refers to the period from May 1 through to April 30 of the subsequent year. There are two fishing seasons in a fiscal year. Thus, 2002-2003 refers to the period May 1, 2002 to April 30, 2003. The summer season, which is the open water fishery, begins May 1 and ends October 30. The winter season is an ice fishery that begins when the lakes freeze, around November 1, and continues until spring thaw, usually about April 30.

Landed Quantity: The landed quantity is an estimate reflecting the weight of fish marketed to the FFMC by commercial harvesters. (Federal and provincial law requires harvesters to sell their catches, excluding sales made directly to final consumers, to the FFMC.) This estimate expresses the catch as if it were all harvested in one form, the live weight equivalent. Due to fish harvester's selling fish in a variety of forms (round, gutted, and gutted with head off), conversion factors are used to determine the live weight equivalent.

Landed Value: The landed value represents the payments received by fish harvester for fish sales to the FFMC. The payments are generally recorded *f.o.b. lakeside* although in some cases, especially in the north, payments are *f.o.b. a central delivery point* which may be some distance from the lake where fish are harvested. Harvesters receive both initial and final payments for their catches, the final payment is dependent on the FFMC's net earnings for the period. The landed values reported reflect the respective year's Canadian dollar value and include both the initial and final payments.

Marketed Value: The marketed value estimates the value of the year's catch as the product of the landed quantity of each species and the average market selling price for the year. Because the estimates do not carryover inventory from year to year, market value differs from the FFMC statement of annual fish sales.

Nominal Dollars: Nominal dollars are the current dollar amounts paid or received at the time of harvest or sale. Nominal dollars are not adjusted for inflation.

<u>Product Weights</u>: Product weights are the actual weights of the final product sold. Fish are sold in a variety of products forms (round, dressed fillets, deboned blocks, etc.) and product weights should not be confused with live equivalent weights.

<u>Self-Employed Harvester</u>: A self-employed fish harvester is generally the owner/operator of the fishing business. All self-employed harvesters must be licensed for commercial fishing. Note that in the tables reporting the distribution of landed values, the "rule of three" is used to protect the identities of fish harvesters who fall within an income interval that contains three or less harvesters. In such cases, the symbol <4 is used.

Full Time Equivalent Employment: Full time equivalent employment is calculated based on information for harvesting activities only and not associated with processing activities. It is calculated by dividing the number of weeks worked by the number of weeks (52) in a given year.

Table of Contents

| Forward | iii |
|-------------------|------|
| Highlights | iv |
| Glossary of Terms | viii |

SECTION 1: SUMMARY

| 1.1 | Landings, Landed and Market Values by Species | 3 |
|-----|--|----|
| 1.2 | Landings and Landed Values by Species and Major Western | |
| | Canadian Lakes | 5 |
| 1.3 | Number of Self-Employed Harvesters By Season Fished | 6 |
| 1.4 | Landings, Landed Values, Number of Full-Time Equivalent | |
| | Employment and Fishing Effort by Landed Values | 8 |
| 1.5 | Landings and Landed Values Trend by Species | 10 |
| 1.6 | Landings and Landed Values Trend by Major Western Canadian | |
| | Lakes | 12 |
| 1.7 | Number of Self-Employed Harvesters Trend by Season Fished | 13 |
| 1.8 | Average Payment, Weight and Total Number of Self-Employed | |
| | Harvesters Trend by Landed Values | 14 |
| 1.9 | Number of Full-Time Equivalent Employment Trend by Landed | |
| | Values | 15 |
| | | |

SECTION 2: REGIONAL ANALYSIS

| 2.1 | Landings, Landed and Market Values by Species | 18 |
|-----|---|------------|
| 2.2 | Number of Self-Employed Harvesters by Season Fished | 18 |
| 2.3 | Distribution of Self-Employed Harvesters by Landed Values | 20 |
| 2.4 | Distribution of Full-Time Equivalent Employment by Landed | |
| | Values | 21 |
| | | 4 1 |
| 2.5 | Landings and Landed Values Trend | |
| | | 24 |

SECTION 3: ALBERTA

| 3.1 | Landings, Landed and Market Values by Species | 30 |
|-----|---|----|
| 3.2 | Landings and Landed Values by Species and Major Lakes | 32 |
| 3.3 | Number of Self-Employed Harvesters By Season Fished | 33 |
| 3.4 | Landings, Landed Values, Number of Full-Time Equivalent | |
| | Employment and Fishing Effort by Landed Values | 35 |
| 3.5 | Landings and Landed Values Trend by Species | 37 |
| 3.6 | Landings and Landed Value Trend by Major Lakes | 39 |
| 3.7 | Number of Self-Employed Harvesters Trend By Season Fished | 40 |
| 3.8 | Average Payment, Weight and Number of Self-Employed | |
| | Harvesters Trend by Landed Values | 41 |
| 3.9 | Number of Full-Time Equivalent Employment Trend by Landed | |
| | Values | 42 |
| | | |

SECTION 4: SASKATCHEWAN

| Landings, Landed and Market Values by Species | 45 |
|---|--|
| Landings and Landed Values by Species and Major Lakes | 47 |
| Number of Self-Employed Harvesters By Season Fished | 48 |
| Landings, Landed Values, Number of Full-Time Equivalent | |
| Employment and Fishing Effort by Landed Values | 50 |
| Landings and Landed Values Trend by Species | 52 |
| Landings and Landed Value Trend by Major Lakes | 54 |
| Number of Self-Employed Harvesters Trend By Season Fished | 55 |
| Average Payment, Weight and Total Number of Self-Employed | |
| Harvesters Trend by Landed Values | 56 |
| Number of Full-Time Equivalent Employment Trend by Landed | |
| Values | 57 |
| | Landings and Landed Values by Species and Major Lakes Number of Self-Employed Harvesters By Season Fished Landings, Landed Values, Number of Full-Time Equivalent Employment and Fishing Effort by Landed Values Landings and Landed Values Trend by Species Landings and Landed Value Trend by Major Lakes Number of Self-Employed Harvesters Trend By Season Fished Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Values Number of Full-Time Equivalent Employment Trend by Landed |

SECTION 5: MANITOBA

| Landings, Landed and Market Values by Species | 60 |
|---|--|
| Landings and Landed Values by Species and Major Lakes | 62 |
| Number of Self-Employed Harvesters By Season Fished | 63 |
| Landings, Landed Values, Number of Full-Time Equivalent | |
| Employment and Fishing Effort by Landed Values | 65 |
| Landings and Landed Values Trend by Species | 67 |
| Landings and Landed Value Trend by Major Lakes | 69 |
| Number of Self-Employed Harvesters Trend By Season Fished | 70 |
| Average Payment, Weight and Number of Self-Employed | |
| Harvesters Trend by Landed Values | 71 |
| Number of Full-Time Equivalent Employment Trend by Landed | |
| Values | 72 |
| | Landings and Landed Values by Species and Major Lakes Number of Self-Employed Harvesters By Season Fished Landings, Landed Values, Number of Full-Time Equivalent Employment and Fishing Effort by Landed Values Landings and Landed Values Trend by Species Landings and Landed Value Trend by Major Lakes Number of Self-Employed Harvesters Trend By Season Fished Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed Values Number of Full-Time Equivalent Employment Trend by Landed |

SECTION 6: NORTHWEST TERRITORIES

| 6.1 | Landings, Landed and Market Values by Species | 75 |
|-----|---|----|
| 6.2 | Landings and Landed Values by Species and Major Lakes | 77 |
| 6.3 | Number of Self-Employed Harvesters By Season Fished | 78 |
| 6.4 | Landings, Landed Values, Number of Full-Time Equivalent | |
| | Employment and Fishing Effort by Landed Values | 80 |
| 6.5 | Landings and Landed Values Trend by Species | 82 |
| 6.6 | Landings and Landed Value Trend by Major Lakes | 84 |
| 6.7 | Number of Self-Employed Harvesters Trend By Season Fished | 85 |
| 6.8 | Average Payment, Weight and Total Number of Self-Employed | |
| | Harvesters Trend by Landed Values | 86 |
| 6.9 | Number of Full-Time Equivalent Employment Trend by Landed | |
| | Values | 87 |
| | | |

LIST OF FIGURES

Figure

Page

| 1.1 | Landings by Species | 2 |
|------|--|----|
| 1.2 | Landed Values by Species | 2 |
| 1.3 | Landings by Major Lakes | 4 |
| 1.4 | Landed Values by Major Lakes | 4 |
| 1.5 | Self-Employed Harvesters by Season | 6 |
| 1.6 | Percentage Distribution of Self-Employed Harvesters Based on | |
| | Landed Values | 7 |
| 1.7 | Average Payment, Weight, and the Number of Self-Employed | |
| | Harvesters by Landed Values | 7 |
| 1.8 | Number of Full-Time Equivalent Employment by Landed | |
| | Values | 8 |
| 1.9 | Landings Trend by Major Species | 9 |
| 1.10 | Landed Values Trend by Major Species | 9 |
| 1.11 | Landings Trend by Major Western Canadian Lakes | 11 |
| 1.12 | Landed Values Trend by Major Western Canadian Lakes | 11 |
| 1.13 | Number of Self-Employed Harvesters Trend by Season | 13 |
| 1.14 | Number of Self-Employed Harvesters Trend by Landed | |
| | Values | 14 |
| 1.15 | Number of Full-Time Equivalent Employment Trend by | |
| | Landed Values | 15 |
| | | |
| 2.1 | Landings by Jurisdiction | 17 |
| 2.2 | Landed Values by Jurisdiction | 17 |
| 2.3 | Harvesters by Jurisdiction | 19 |
| 2.4 | Harvesters by Season and Jurisdiction | 19 |
| 2.5 | Percentage Distribution of Self-Employed Harvesters by | |
| | Landed Values | 20 |
| 2.6 | Full-Time Equivalent Employment by Landed Values and | |
| | Jurisdiction | 21 |
| 2.7 | Landings Trend by Jurisdiction | 22 |
| 2.8 | Percent of Total Landings by Jurisdiction | 22 |
| 2.9 | Landed Values Trend by Jurisdiction | 23 |
| 2.10 | Number of Self-Employed Harvesters by Season Fished | |
| | (Summer Only) | 25 |
| 2.11 | Number of Self-Employed Harvesters by Season Fished | |
| | (Winter Only) | 25 |
| 2.12 | Number of Self-Employed Harvesters by Season Fished | |
| | (Both Seasons) | 26 |
| 2.13 | Normhan of Eall Time Equipalent Even large at The dilar | |
| | Number of Full-Time Equivalent Employment Trend by | |
| | Jurisdiction | 27 |

| 3.1 | Landings by Species | 29 |
|------------|--|------------|
| 3.2 | Landed Values by Species | 29 |
| 3.3 | Landings by Major Lakes | 31 |
| 3.4 | Landed Values by Major Lakes | 31 |
| 3.5 | Self-Employed Harvesters by Season | 33 |
| 3.6 | Percentage Distribution of Self-Employed Harvesters Based on | |
| | Landed Values | 34 |
| 3.7 | Average Payment, Weight, and the Number of Self-Employed | |
| | Harvesters by Landed Values | 34 |
| 3.8 | Number of Full-Time Equivalent Employment by Landed | |
| | Values | 35 |
| 3.9 | Landings Trend by Major Species | 36 |
| 3.10 | Landed Values Trend by Major Species | 36 |
| 3.11 | Landings Trend by Major Western Canadian Lakes | 38 |
| 3.12 | Landed Values Trend by Major Western Canadian Lakes | 38 |
| 3.13 | Number of Self-Employed Harvesters Trend by Season | 40 |
| 3.14 | Number of Self-Employed Harvesters Trend by Landed Values | 41 |
| 3.15 | Number of Full-Time Equivalent Employment Trend by | |
| | Landed Values | 42 |
| 4.1 | Landings by Species | 44 |
| 4.1 | Landed Values by Species | 44 |
| 4.3 | Landings by Major Lakes | 46 |
| 4.3 | Landed Values by Major Lakes | 40 |
| 4.4 4.5 | Self-Employed Harvesters by Season | 40 |
| 4.6 | Percentage Distribution of Self-Employed Harvesters Based on | 40 |
| 4.0 | Landed Values | 49 |
| 4.7 | Average Payment, Weight, and the Number of Self-Employed | 77 |
| 4./ | Harvesters by Landed Values | 49 |
| 4.8 | Number of Full-Time Equivalent Employment by Landed | т <i>)</i> |
| 0 | Values | 50 |
| 4.9 | Landings Trend by Major Species | 51 |
| 4.10 | | 51 |
| 4.11 | Landings Trend by Major Western Canadian Lakes | 53 |
| 4.12 | Landed Values Trend by Major Western Canadian Lakes | 53 |
| 4.13 | Number of Self-Employed Harvesters Trend by Season | 55 |
| 4.14 | Number of Self-Employed Harvesters Trend by Landed Values | 56 |
| 4.15 | Number of Full-Time Equivalent Employment Trend by | 50 |
| т.15 | Landed Values | 57 |
| | | 51 |
| 5.1 | Landings by Species | 59 |
| 5.2 | Landed Values by Species | 59 |
| 5.3 | Landings by Major Lakes | 61 |
| 5.4 | Landed Values by Major Lakes | 61 |
| 5.5 | Self-Employed Harvesters by Season | 63 |

| 5.6 | Percentage Distribution of Self-Employed Harvesters Based on Landed Values | 64 |
|------|---|----|
| 5.7 | Average Payment, Weight, and the Number of Self-Employed | 01 |
| | Harvesters by Landed Values | 64 |
| 5.8 | Number of Full-Time Equivalent Employment by Landed | |
| | Values | 65 |
| 5.9 | Landings Trend by Major Species | 66 |
| 5.10 | Landed Values Trend by Major Species | 66 |
| 5.11 | Landings Trend by Major Western Canadian Lakes | 68 |
| 5.12 | Landed Values Trend by Major Western Canadian Lakes | 68 |
| 5.13 | Number of Self-Employed Harvesters Trend by Season | 70 |
| 5.14 | Number of Self-Employed Harvesters Trend by Landed Values | 71 |
| 5.15 | Number of Full-Time Equivalent Employment Trend by | |
| | Landed Values | 72 |
| 6.1 | Landings by Species | 74 |
| 6.2 | Landed Values by Species | 74 |
| 6.3 | Landings by Major Lakes | 76 |
| 6.4 | Landed Values by Major Lakes | 76 |
| 6.5 | Self-Employed Harvesters by Season | 78 |
| 6.6 | Percentage Distribution of Self-Employed Harvesters | |
| | Based on Landed Values | 79 |
| 6.7 | Average Payment, Weight, and the Number of Self-Employed | |
| | Harvesters by Landed Values | 79 |
| 6.8 | Number of Full-Time Equivalent Employment by Landed | |
| | Values | 80 |
| 6.9 | Landings Trend by Major Species | 81 |
| 6.10 | Landed Values Trend by Major Species | 81 |
| 6.11 | Landings Trend by Major Western Canadian Lakes | 83 |
| 6.12 | Landed Values Trend by Major Western Canadian Lakes | 83 |
| 6.13 | Number of Self-Employed Harvesters Trend by Season | 85 |
| 6.14 | Number of Self-Employed Harvesters Trend by Landed Values | 86 |
| 6.15 | Number of Full-Time Equivalent Employment Trend by | |
| | Landed Values | 87 |
| | | |

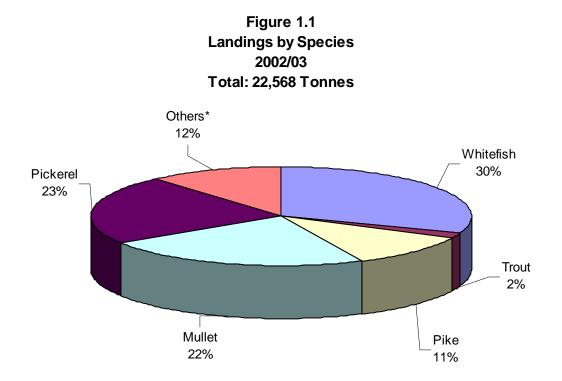
Annex

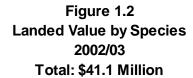
Western Canadian Freshwater Fisheries - List of Species

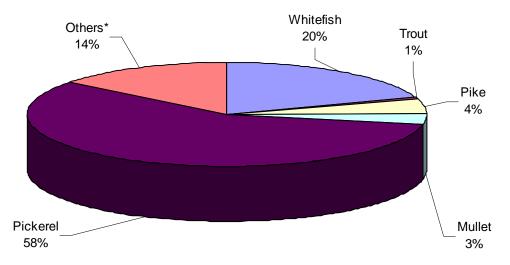
88

Section 1:

Western Canadian Freshwater Fisheries Summary



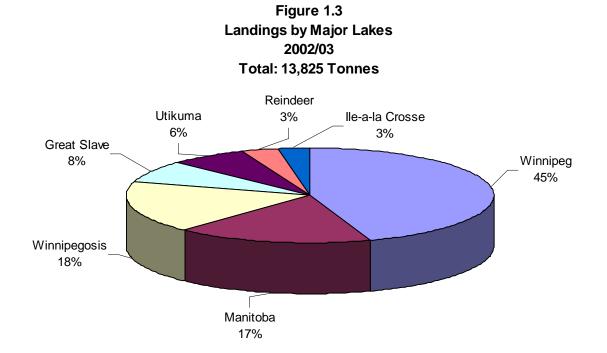


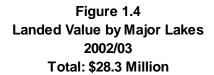


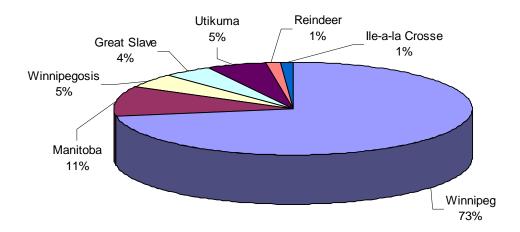
Note: * Includes burbot, carp, drum, goldeye, inconnu, perch, tullibee, white bass, and whitefish roe.

| Table 1.1 |
|---|
| Landings, Landed and Marketed Values by Species |
| Western Canadian Freshwater Fisheries, 2002/03 |

| Species | Landings (t) | Landed Value (\$000) | Market Value (\$000) |
|---------------|-----------------|-------------------------|-------------------------|
| Whitefish | 6,925 | 8,065 | 14,312 |
| Whitefish Roe | 36 | 201 | 400 |
| Pickerel | 5,142 | 23,671 | 31,060 |
| Sauger | 782 | 3,150 | 4,358 |
| Lake Trout | 376 | 295 | 657 |
| Northern Pike | 2,398 | 1,738 | 4,437 |
| Tullibee | 192 | 138 | 363 |
| Perch | 479 | 1,821 | 2,450 |
| Mullet | 5,131 | 1,396 | 4,669 |
| Carp | 845 | 407 | 726 |
| Inconnu | 77 | 101 | 337 |
| Goldeye | 6 | 15 | 25 |
| White Bass | 27 | 17 | 38 |
| Burbot | 152 | 37 | 65 |
| Total | 22,569 | 41,052 | 63,897 |







| | Major Lakes | | | | | | | | | | | | | |
|---------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|------------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|
| | Winni | peg | Manit | oba | Winnipe | egosis | Great | Slave | Lesser | Slave | Reindeer | | lle-a-la Crosse | |
| Species | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) |
| Whitefish | 1,620 | 1,977 | 6 | 7 | 78 | 87 | 787 | 925 | 663 | 436 | 191 | 125 | 22 | 23 |
| Pickerel | 3,215 | 14,862 | 244 | 1,043 | 72 | 340 | 27 | 125 | 3 | 10 | 11 | 52 | 47 | 212 |
| Sauger | 742 | 2,989 | 21 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Lake Trout | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 24 | 0 | 0 | 210 | 173 | 0 | 0 |
| Northern Pike | 98 | 73 | 155 | 119 | 202 | 154 | 90 | 55 | 20 | 14 | 29 | 20 | 75 | 50 |
| Perch | 89 | 351 | 304 | 1,204 | 58 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullet | 234 | 72 | 1,259 | 292 | 1,820 | 575 | 2 | 0 | 0 | 0 | 34 | 8 | 220 | 54 |
| Carp | 156 | 72 | 373 | 165 | 214 | 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others | 46 ⁺ | 83 | 2 ² | 1 | 1 | 1 | 118 ³ | 109 | 19 ⁴ | 105 | 0 | 0 | 18 ⁵ | 5 |
| Total | 6,200 | 20,479 | 2,363 | 2,913 | 2,444 | 1,431 | 1,065 | 1,239 | 705 | 564 | 474 | 378 | 382 | 345 |

| Table 1.2 |
|---|
| Landings and Landed Value by Species and Major Western Canadian Lakes |
| Western Canadian Freshwater Fisheries, 2002/03 |

 $\frac{1}{1000} \frac{1}{1000} \frac{1}{1000$

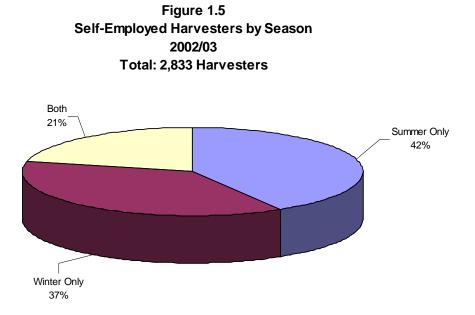


Table 1.3Number of Self-Employed Harvesters by Season FishedWestern Canadian Freshwater Fisheries, 2002/03

| Season | Self-employed |
|-------------|---------------|
| Summer Only | 1,171 |
| Winter Only | 1,056 |
| Both | 606 |
| Total | 2,833 |

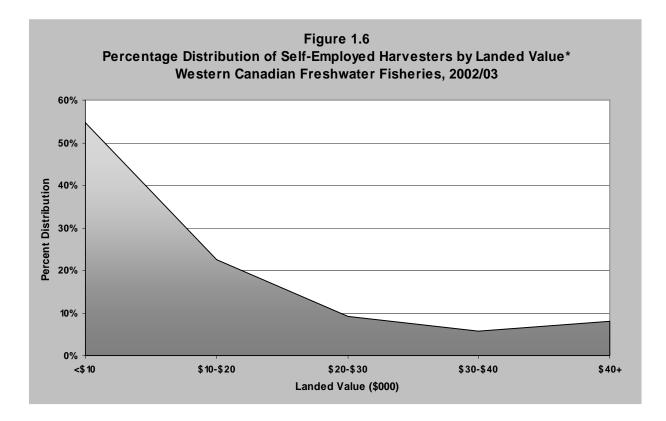
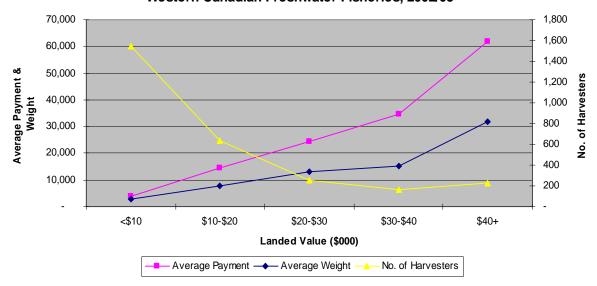


Figure 1.7 Average Payment, Weight, and the Number of Self-Employed Harvesters by Landed Value Western Canadian Freshwater Fisheries, 2002/03



Western Canadian Freshwater Fisheries, 2002/03 180 160 140 No. of Employment 120 100 80 60 40 20 0 <\$10 \$10-\$20 \$20-\$30 \$30-\$40 \$40+ Landed Value (\$000)

Figure 1.8 Number of Full-Time Equivalent Employment by Landed Values Western Canadian Freshwater Fisheries, 2002/03

Table 1.4 Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value Western Canadian Freshwater Fisheries, 2002/03

| Landed Value | No. of | Full-Time | Averages Per Harvesters | | | | | |
|---------------------|------------|------------|-------------------------|-------|---------------|---------------|--|--|
| | Harvesters | Employment | Deliveries | Weeks | Weights (lb.) | Payments (\$) | | |
| \$0 - \$10,000 | 1,547 | 157 | 15 | 5 | 2,911 | 3,769 | | |
| \$10001 - \$20,000 | 636 | 122 | 33 | 10 | 7,809 | 14,489 | | |
| \$20,001 - \$30,000 | 259 | 65 | 43 | 13 | 13,240 | 24,500 | | |
| \$30,001 - \$40,000 | 165 | 38 | 47 | 12 | 15,303 | 34,583 | | |
| \$40,001+ | 226 | 70 | 60 | 16 | 31,656 | 61,791 | | |

Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to harvesters upon delivery.

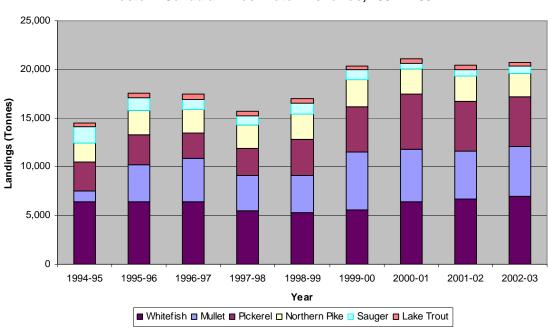
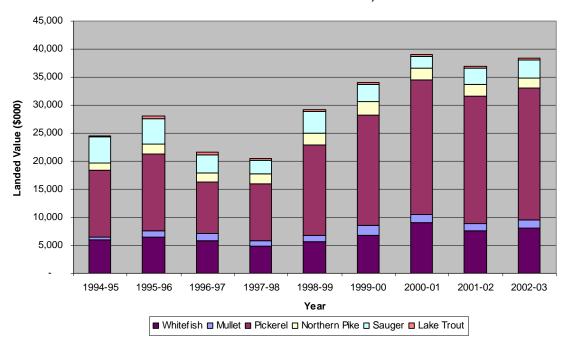


Figure 1.9 Landings Trend by Major Species Western Canadian Freshwater Fisheries, 1994 - 2002

Figure 1.10 Landed Value Trend by Major Species Western Canadian Freshwater Fisheries, 1994 - 2002



| Table 1.5 |
|--|
| Landings and Landed Value Trend by Species |
| Western Canadian Freshwater Fisheries, 1994 - 2002 |

| Species | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|----------------------|---------|--------------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | - | - | | | - | | | - | - |
| Whitefish | 6,388 | 6,436 | 6,378 | 5,484 | 5,300 | 5,596 | 6,459 | 6,694 | 6,925 |
| % Change | | 0.8% | -0.9% | -14.0% | -3.4% | 5.6% | 15.4% | 3.6% | 3.5% |
| % of Total Landings | 40.6% | 33.8% | 33.8% | 32.8% | 29.1% | 25.9% | 29.2% | 30.6% | 30.7% |
| Mullet | 1,155 | 3,815 | 4,532 | 3,633 | 3,822 | 5,936 | 5,298 | 4,947 | 5,131 |
| % Change | | 230.3% | 18.8% | -19.8% | 5.2% | 55.3% | -10.7% | -6.6% | 3.7% |
| % of Total Landings | 7.3% | 20.0% | 24.0% | 21.7% | 21.0% | 27.5% | 23.9% | 22.6% | 22.7% |
| Pickerel | 2,987 | 3,075 | 2,593 | 2,770 | 3,688 | 4,627 | 5,708 | 5,120 | 5,142 |
| % Change | | 2.9% | -15.7% | 6.8% | 33.1% | 25.5% | 23.4% | -10.3% | 0.4% |
| % of Total Landings | 19.0% | 16.2% | 13.8% | 16.6% | 20.3% | 21.4% | 25.8% | 23.4% | 22.8% |
| Northern Pike | 1,883 | 2,435 | 2,350 | 2,407 | 2,624 | 2,818 | 2,621 | 2,524 | 2,398 |
| % Change | | 29.3% | -3.5% | 2.4% | 9.0% | 7.4% | -7.0% | -3.7% | -5.0% |
| % of Total Landings | 12.0% | 12.8% | 12.5% | 14.4% | 14.4% | 13.1% | 11.8% | 11.5% | 10.6% |
| Sauger | 1,693 | 1,319 | 1,099 | 969 | 1,128 | 1,013 | 585 | 687 | 782 |
| % Change | | -22.1% | -16.7% | -11.8% | 16.4% | -10.2% | -42.3% | 17.4% | 13.8% |
| % of Total Landings | 10.8% | 6.9% | 5.8% | 5.8% | 6.2% | 4.7% | 2.6% | 3.1% | 3.5% |
| Lake Trout | 436 | 449 | 530 | 474 | 425 | 368 | 406 | 497 | 376 |
| % Change | | 3.0% | 18.0% | -10.6% | -10.3% | -13.4% | 10.3% | 22.4% | -24.3% |
| % of Total Landings | 2.8% | 2.4% | 2.8% | 2.8% | 2.3% | 1.7% | 1.8% | 2.3% | 1.7% |
| Others* | 1,188 | 1,506 | 1375 | 986 | 1198 | 1230 | 1080 | 1416 | 1814 |
| % Change | | 26.8% | -8.7% | -28.3% | 21.5% | 2.7% | -12.2% | 31.1% | 28.1% |
| % of Total Landings | 7.6% | 7.9% | 7.3% | 5.9% | 6.6% | 5.7% | 4.9% | 6.5% | 8.0% |
| Total | 15,730 | 19,035 | 18,857 | 16,723 | 18,185 | 21,588 | 22,157 | 21,885 | 22,569 |
| % Change | | 21.0% | -0.9% | -11.3% | 8.7% | 18.7% | 2.6% | -1.2% | 3.1% |
| Landed Value (\$000) | - | - | | | - | | | | |
| Whitefish | 6,046 | 6,408 | 5,882 | 4,869 | 5,627 | 6,808 | 9,005 | 7,533 | 8,065 |
| % Change | | 6.0% | -8.2% | -17.2% | 15.6% | 21.0% | 32.3% | -16.3% | 7.1% |
| Mullet | 403 | 1,154 | 1,290 | 952 | 1,111 | 1,707 | 1,539 | 1,380 | 1,396 |
| % Change | | 186.4% | 11.8% | -26.2% | 16.7% | 53.6% | -9.8% | -10.3% | 1.2% |
| Pickerel | 11,982 | 13,669 | 9,196 | 10,190 | 16,169 | 19,775 | 23,925 | 22,759 | 23,671 |
| % Change | | 14.1% | -32.7% | 10.8% | 58.7% | 22.3% | 21.0% | -4.9% | 4.0% |
| Northern Pike | 1,308 | 1,757 | 1,591 | 1,653 | 2,140 | 2,335 | 2,223 | 1,975 | 1,738 |
| % Change | | 34.3% | -9.4% | 3.9% | 29.5% | 9.1% | -4.8% | -11.2% | -12.0% |
| Sauger | 4,574 | 4,645 | 3,184 | 2,508 | 3,816 | 3,156 | 1,993 | 2,952 | 3,150 |
| % Change | | 1.6% | -31.5% | -21.2% | 52.2% | -17.3% | -36.9% | 48.1% | 6.7% |
| Lake Trout | 159 | 445 | 456 | 366 | 320 | 286 | 313 | 380 | 295 |
| % Change | | 179.9% | 2.5% | -19.7% | -12.6% | -10.6% | 9.4% | 21.4% | -22.4% |
| Others* | 2,533 | 2,800 | 1,766 | 1,444 | 1,853 | 1,840 | 1,647 | 3,606 | 2,737 |
| % Change | | 10.5% | -36.9% | -18.2% | 28.3% | -0.7% | -10.5% | 118.9% | -24.1% |
| Total | 27,005 | 30,878 | 23,365 | 21,982 | 31,036 | 35,907 | 40,645 | 40,585 | 41,052 |
| % Change | | 14.3% | -24.3% | -5.9% | 41.2% | 15.7% | 13.2% | -0.2% | 1.2% |

Note: * Includes burbot, goldeye, carp, drum, inconnu, perch, tullibee, white bass, and whitefish roe.

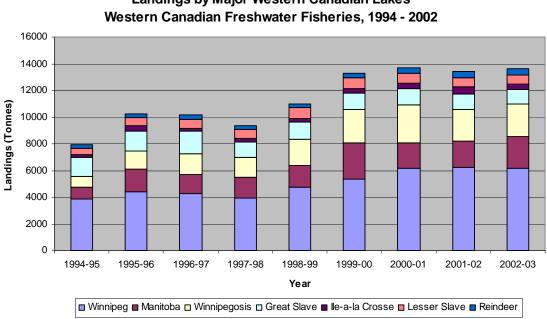


Figure 1.11 Landings by Major Western Canadian Lakes Western Canadian Freshwater Fisheries, 1994 - 2002

Figure 1.12 Landed Value by Major Western Canadian Lakes Western Canadian Freshwater Fisheries, 1994 - 2002

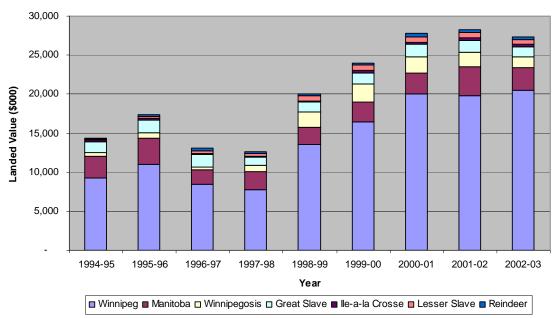


Table 1.6Landings and Landed Value Trend by Major Western Canadian LakesWestern Canadian Freshwater Fisheries, 1994 - 2002

| Major Lakes | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | = | = | - | | | = | | | |
| Winnipeg | 3,882 | 4,387 | 4,279 | 3,907 | 4,761 | 5,334 | 6,174 | 6,213 | 6,200 |
| % Change | | 13.0% | -2.5% | -8.7% | 21.9% | 12.0% | 15.7% | 0.6% | -0.2% |
| Manitoba | 887 | 1,688 | 1,391 | 1,602 | 1,594 | 2,715 | 1,916 | 2,004 | 2,363 |
| % Change | | 90.3% | -17.6% | 15.2% | -0.5% | 70.3% | -29.4% | 4.6% | 17.9% |
| Winnipegosis | 779 | 1,409 | 1,565 | 1,458 | 1,991 | 2,557 | 2,847 | 2,366 | 2,444 |
| % Change | | 80.9% | 11.1% | -6.8% | 36.6% | 28.4% | 11.3% | -16.9% | 3.3% |
| Great Slave | 1,410 | 1,446 | 1,712 | 1,201 | 1,257 | 1,212 | 1,169 | 1,149 | 1,065 |
| % Change | | 2.6% | 18.4% | -29.8% | 4.7% | -3.6% | -3.5% | -1.7% | -7.3% |
| Lesser Slave | 520 | 612 | 728 | 686 | 800 | 820 | 754 | 725 | 705 |
| % Change | | 17.7% | 19.0% | -5.8% | 16.6% | 2.5% | -8.0% | -3.8% | -2.8% |
| Reindeer | 246 | 275 | 316 | 265 | 287 | 321 | 404 | 433 | 474 |
| % Change | | 11.8% | 14.9% | -16.1% | 8.3% | 11.8% | 25.9% | 7.2% | 9.5% |
| lle-a-la Crosse | 209 | 446 | 183 | 261 | 281 | 333 | 412 | 508 | 382 |
| % Change | | 113.4% | -59.0% | 42.6% | 7.7% | 18.5% | 23.7% | 23.3% | -24.8% |
| Total | 7,933 | 10,263 | 10,174 | 9,380 | 10,971 | 13,292 | 13,676 | 13,398 | 13,633 |
| % Change | | 29.4% | -0.9% | -7.8% | 17.0% | 21.2% | 2.9% | -2.0% | 1.8% |
| % of Total Landings* | 50.4% | 53.9% | 54.0% | 56.1% | 60.3% | 61.6% | 61.7% | 61.2% | 60.4% |
| Total Landings | 15,730 | 19,035 | 18,857 | 16,723 | 18,185 | 21,588 | 22,157 | 21,885 | 22,568 |
| Landed Value (\$000) | - | - | - | - | - | - | | - | |
| Winnipeg | 9,246 | 11,017 | 8,403 | 7,784 | 13,510 | 16,487 | 19,982 | 19,805 | 20,479 |
| % Change | | 19.2% | -23.7% | -7.4% | 73.6% | 22.0% | 21.2% | -0.9% | 3.4% |
| Manitoba | 2,782 | 3,354 | 1,875 | 2,237 | 2,273 | 2,559 | 2,719 | 3,749 | 2,913 |
| % Change | | 20.6% | -44.1% | 19.3% | 1.6% | 12.6% | 6.3% | 37.9% | -22.3% |
| Winnipegosis | 448 | 699 | 435 | 832 | 1,899 | 2,250 | 2,077 | 1,837 | 1,431 |
| % Change | | 56.0% | -37.8% | 91.3% | 128.2% | 18.5% | -7.7% | -11.6% | -22.1% |
| Great Slave | 1,437 | 1,567 | 1,577 | 1,071 | 1,270 | 1,422 | 1,576 | 1,454 | 1,239 |
| % Change | | 9.0% | 0.6% | -32.1% | 18.6% | 12.0% | 10.8% | -7.7% | -14.8% |
| Lesser Slave | 137 | 199 | 394 | 384 | 594 | 686 | 707 | 647 | 564 |
| % Change | | 45.3% | 98.0% | -2.5% | 54.7% | 15.5% | 3.1% | -8.5% | -12.8% |
| Reindeer | 116 | 255 | 282 | 203 | 246 | 298 | 393 | 390 | 378 |
| % Change | | 119.8% | 10.6% | -28.0% | 21.2% | 21.1% | 31.9% | -0.8% | -3.1% |
| lle-a-la Crosse | 215 | 250 | 90 | 126 | 207 | 300 | 293 | 366 | 345 |
| % Change | | 16.3% | -64.0% | 40.0% | 64.3% | 44.9% | -2.3% | 24.9% | -5.7% |
| Total | 14,381 | 17,341 | 13,056 | 12,637 | 19,999 | 24,002 | 27,747 | 28,248 | 27,349 |
| % Change | | 20.6% | -24.7% | -3.2% | 58.3% | 20.0% | 15.6% | 1.8% | -3.2% |
| % of Total Landed Value** | 53.3% | 56.2% | 55.9% | 57.5% | 64.4% | 66.8% | 68.3% | 69.6% | 66.6% |
| Total Landed Value | 27,005 | 30,878 | 23,365 | 21,982 | 31,036 | 35,907 | 40,645 | 40,585 | 41,052 |

Notes: * Total landings in all Western Canadian lakes; ** Total landed values of landings in all Western Canadian lakes.

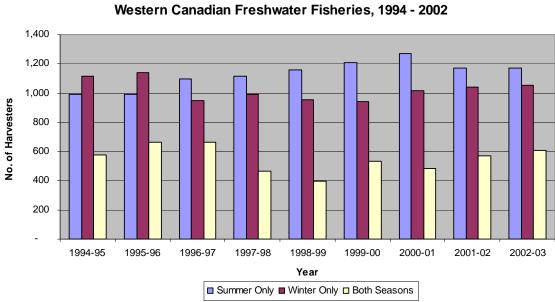


Figure 1.13 Estimated Number of Self-Employed Harvesters Vestern Canadian Freshwater Fisheries. 1994 - 2002

Table 1.7 Number of Self-Employed Harvesters Trend by Season Fished Western Canadian Freshwater Fisheries, 1994 - 2002

| Season | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Summer Only | 992 | 990 | 1,099 | 1,113 | 1,157 | 1,208 | 1,268 | 1,169 | 1,171 |
| % Change | | -0.2% | 11.0% | 1.3% | 4.0% | 4.4% | 5.0% | -7.8% | 0.2% |
| Winter Only | 1,114 | 1,138 | 949 | 990 | 955 | 941 | 1,015 | 1,043 | 1,056 |
| % Change | | 2.2% | -16.6% | 4.3% | -3.5% | -1.5% | 7.9% | 2.8% | 1.2% |
| Both | 574 | 664 | 664 | 466 | 398 | 530 | 483 | 573 | 606 |
| % Change | | 15.7% | 0.0% | -29.8% | -14.6% | 33.2% | -8.9% | 18.6% | 5.8% |
| Total | 2,680 | 2,792 | 2,712 | 2,569 | 2,510 | 2,679 | 2,766 | 2,785 | 2,833 |
| % Change | | 4.2% | -2.9% | -5.3% | -2.3% | 6.7% | 3.3% | 0.7% | 1.7% |

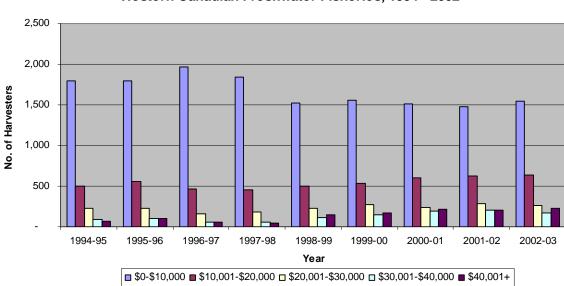


Figure 1.14 Number of Self-Employed Harvesters by Landed Values Western Canadian Freshwater Fisheries, 1994 - 2002

Table 1.8Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed ValueWestern Canadian Freshwater Fisheries, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|---------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Average Payment (\$ | \$) | | | | | | | | |
| \$0 - \$10,000 | 3,424 | 3,720 | 3,519 | 3,575 | 3,695 | 3,892 | 3,780 | 3,685 | 3,769 |
| \$10001 - \$20,000 | 14,417 | 14,323 | 13,876 | 13,875 | 14,006 | 14,298 | 14,559 | 14,471 | 14,489 |
| \$20,001 - \$30,000 | 24,261 | 24,475 | 24,044 | 23,746 | 24,922 | 24,624 | 25,180 | 24,743 | 24,500 |
| \$30,001 - \$40,000 | 34,572 | 34,115 | 34,980 | 33,996 | 33,950 | 34,314 | 34,012 | 34,404 | 34,583 |
| \$40,001+ | 65,789 | 66,191 | 69,215 | 64,931 | 59,934 | 60,843 | 61,672 | 60,396 | 61,791 |
| Average Weight (t) | | | | | | | | | |
| \$0 - \$10,000 | 1,899 | 2,184 | 2,485 | 3,002 | 2,563 | 2,960 | 2,889 | 2,751 | 2,911 |
| \$10001 - \$20,000 | 6,390 | 6,781 | 8,272 | 10,168 | 8,936 | 8,622 | 8,229 | 8,499 | 7,809 |
| \$20,001 - \$30,000 | 10,697 | 11,146 | 14,300 | 14,973 | 12,806 | 13,665 | 13,585 | 12,240 | 13,240 |
| \$30,001 - \$40,000 | 14,923 | 15,803 | 19,763 | 24,618 | 15,809 | 16,876 | 14,014 | 15,069 | 15,303 |
| \$40,001+ | 36,469 | 31,495 | 46,939 | 55,338 | 34,466 | 35,934 | 31,243 | 29,929 | 31,656 |
| Number of Self-Emp | oloyed Harve | esters | | | | - | | | |
| \$0 - \$10,000 | 1,792 | 1,799 | 1,970 | 1,838 | 1,522 | 1,555 | 1,512 | 1,477 | 1,547 |
| \$10001 - \$20,000 | 497 | 560 | 470 | 450 | 501 | 531 | 601 | 621 | 636 |
| \$20,001 - \$30,000 | 225 | 231 | 159 | 179 | 222 | 276 | 241 | 279 | 259 |
| \$30,001 - \$40,000 | 95 | 102 | 59 | 55 | 116 | 146 | 191 | 207 | 165 |
| \$40,001+ | 70 | 100 | 54 | 47 | 149 | 172 | 221 | 201 | 226 |
| Total | 2,679 | 2,792 | 2,712 | 2,569 | 2,510 | 2,680 | 2,766 | 2,785 | 2,833 |
| % Change | | 4.2% | -2.9% | -5.3% | -2.3% | 6.8% | 3.2% | 0.7% | 1.7% |

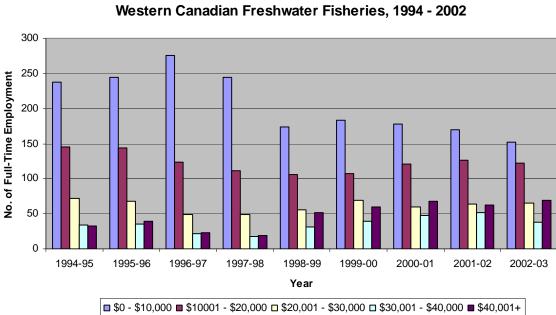


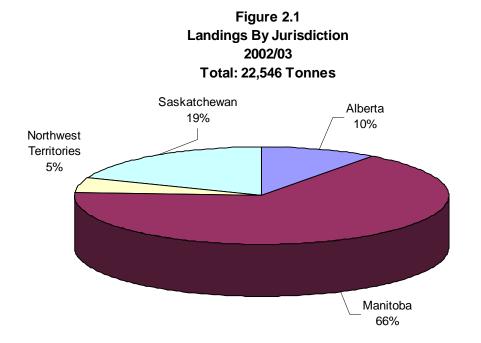
Figure 1.15 Number of Full-Time Equivalent Employment Trend by Landed Value Western Canadian Freshwater Fisheries, 1994 - 2002

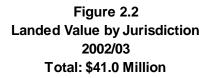
Table 1.9Number of Full-Time Equivalent Employment Trend by Landed ValueWestern Canadian Freshwater Fisheries, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$0 - \$10,000 | 237 | 244 | 276 | 244 | 174 | 184 | 178 | 170 | 157 |
| \$10001 - \$20,000 | 145 | 144 | 123 | 111 | 105 | 107 | 121 | 126 | 122 |
| \$20,001 - \$30,000 | 71 | 68 | 50 | 48 | 56 | 69 | 60 | 64 | 65 |
| \$30,001 - \$40,000 | 34 | 35 | 22 | 18 | 31 | 39 | 48 | 52 | 38 |
| \$40,001+ | 32 | 39 | 24 | 19 | 52 | 60 | 68 | 62 | 70 |
| Total | 520 | 531 | 495 | 440 | 418 | 459 | 475 | 474 | 452 |
| % Change | | 2.0% | -6.8% | -11.0% | -5.2% | 9.9% | 3.5% | -0.2% | -4.7% |

Section 2:

Analysis by Jurisdiction: Alberta (AB) Saskatchewan (SK) Manitoba (MB) Northwest Territories (NWT)





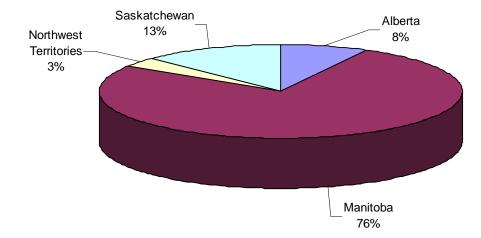


Table 2.1Landings, Landed and Market ValuesWestern Canadian Freshwater Fisheries, 2002/03

| Jurisdiction | Landings (t) | Landed Value (\$000) | Market Value (\$000) |
|--------------|-----------------|-------------------------|-------------------------|
| Alberta | 2,274 | 3,162 | 4,940 |
| Saskatchewan | 4,284 | 5,140 | 9,958 |
| Manitoba | 14,903 | 31,397 | 46,735 |
| NWT | 1,085 | 1,324 | 2,216 |
| Total | 22,546 | 41,023 | 63,849 |

Table 2.2Number of Self-Employed Harvesters by Season FishedWestern Canadian Freshwater Fisheries, 2002/03

| Season | Alberta | Saskatchewan | Manitoba | NWT | Total |
|--------------|---------|--------------|----------|-----|-------|
| Summer only | 35 | 239 | 848 | 49 | 1,171 |
| Winter only | 37 | 413 | 567 | 39 | 1,056 |
| Both seasons | 52 | 51 | 443 | 58 | 604 |
| Total | 124 | 703 | 1,858 | 146 | 2,831 |

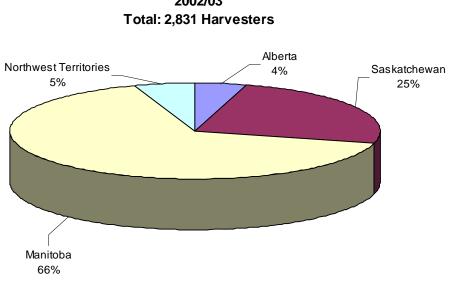
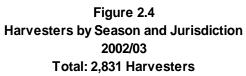
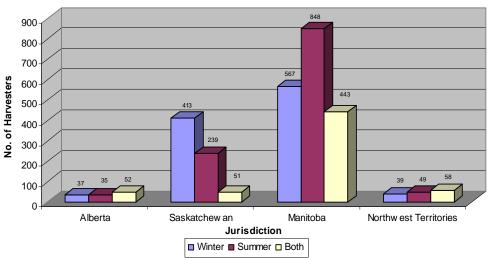


Figure 2.3 Self-Employed harvesters by Jurisdiction 2002/03 Total: 2 831 Harvesters





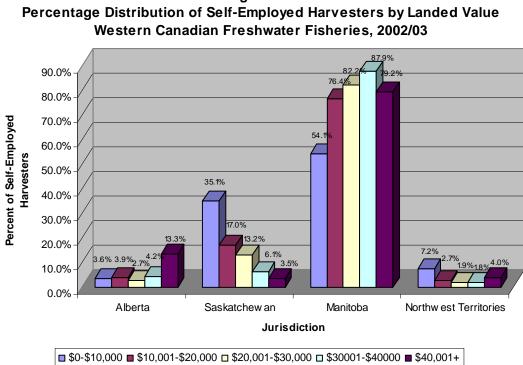


Figure 2.5

| Table 2.3 |
|--|
| Distribution of Self-Employed Harvesters by Landed Value |
| Western Canadian Freshwater Fisheries, 2002/03 |

| Landed Value | Alberta | Saskatchewan | Manitoba | NWT | Region |
|---------------------|---------|--------------|----------|-----|--------|
| \$0 - \$10,000 | 55 | 543 | 836 | 112 | 1,546 |
| \$10001 - \$20,000 | 25 | 108 | 486 | 17 | 636 |
| \$20,001 - \$30,000 | 7 | 34 | 212 | 5 | 258 |
| \$30,001 - \$40,000 | 7 | 10 | 145 | <4 | 162 |
| \$40,001+ | 30 | 8 | 179 | 9 | 226 |
| Total | 124 | 703 | 1,858 | 143 | 2,828 |

Note: Total does not include the number for less than 4.

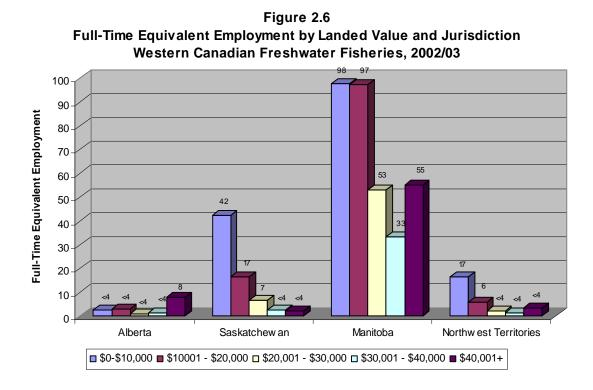


Table 2.4 Distribution of Full-Time Equivalent Employment by Landed Value Western Canadian Freshwater Fisheries, 2002/03

| Landed Value | Alberta | Saskatchewan | Manitoba | NWT | Region |
|---------------------|---------|--------------|----------|-----|--------|
| \$0 - \$10,000 | <4 | 42 | 98 | 17 | 157 |
| \$10001 - \$20,000 | <4 | 17 | 97 | 6 | 120 |
| \$20,001 - \$30,000 | <4 | 7 | 53 | <4 | 60 |
| \$30,001 - \$40,000 | <4 | <4 | 33 | <4 | 33 |
| \$40,001+ | 8 | <4 | 55 | <4 | 63 |
| Total | 8 | 66 | 336 | 23 | 432 |

Note: Total does not include the number for less than 4.

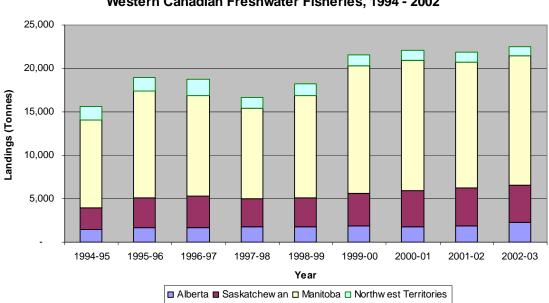
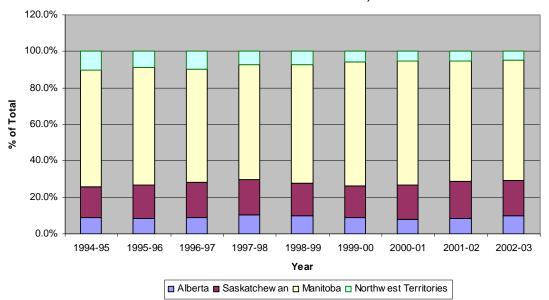


Figure 2.7 Landings Trend by Jurisdiction Western Canadian Freshwater Fisheries, 1994 - 2002

Figure 2.8 Percent of Total Landings by Jurisdiction Western Canadian Freshwater Fisheries, 1994 - 2002



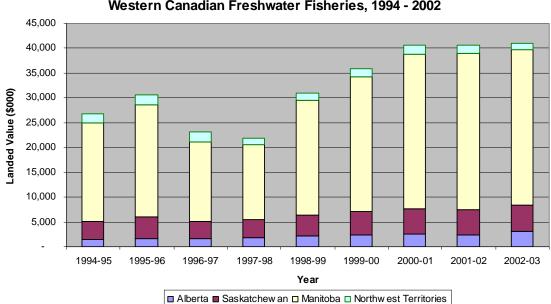


Figure 2.9 Landed Value Trend by Jurisdiction Western Canadian Freshwater Fisheries, 1994 - 2002

Table 2.5Landings and Landed Value TrendWestern Canadian Freshwater Fisheries, 1994 - 2002

| Jurisdiction | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t.) | - | = | | | | | | | |
| Alberta | 1,432 | 1,624 | 1,716 | 1,764 | 1,758 | 1,903 | 1,739 | 1,854 | 2,274 |
| % Change | | 13.4% | 5.7% | 2.8% | -0.3% | 8.2% | -8.6% | 6.6% | 22.7% |
| % of Total Landings | 9.1% | 8.6% | 9.1% | 10.6% | 9.7% | 8.8% | 7.9% | 8.5% | 10.1% |
| Saskatchewan | 2,571 | 3,496 | 3,615 | 3,215 | 3,310 | 3,761 | 4,159 | 4,425 | 4,284 |
| % Change | | 36.0% | 3.4% | -11.1% | 3.0% | 13.6% | 10.6% | 6.4% | -3.2% |
| % of Total Landings | 16.4% | 18.4% | 19.2% | 19.3% | 18.2% | 17.5% | 18.8% | 20.2% | 19.0% |
| Manitoba | 10,086 | 12,232 | 11,593 | 10,439 | 11,811 | 14,633 | 15,016 | 14,414 | 14,903 |
| % Change | | 21.3% | -5.2% | -10.0% | 13.1% | 23.9% | 2.6% | -4.0% | 3.4% |
| % of Total Landings | 64.4% | 64.5% | 61.7% | 62.6% | 65.0% | 67.9% | 67.9% | 65.9% | 66.1% |
| Northwest Territories | 1,580 | 1,624 | 1,867 | 1,253 | 1,302 | 1,245 | 1,200 | 1,167 | 1,085 |
| % Change | | 2.8% | 15.0% | -32.9% | 3.9% | -4.4% | -3.6% | -2.8% | -7.0% |
| % of Total Landings | 10.1% | 8.6% | 9.9% | 7.5% | 7.2% | 5.8% | 5.4% | 5.3% | 4.8% |
| Total | 15,669 | 18,976 | 18,791 | 16,671 | 18,181 | 21,542 | 22,114 | 21,860 | 22,546 |
| % Change | | 21.1% | -1.0% | -11.3% | 9.1% | 18.5% | 2.7% | -1.2% | 3.1% |
| Landed Value (\$000) | _ | | | | | _ | _ | | |
| Alberta | 1,523 | 1,682 | 1,642 | 1,870 | 2,096 | 2,455 | 2,624 | 2,387 | 3,162 |
| % Change | | 10.4% | -2.4% | 13.9% | 12.1% | 17.1% | 6.9% | -9.0% | 32.5% |
| Saskatchewan | 3,501 | 4,268 | 3,546 | 3,663 | 4,324 | 4,659 | 4,958 | 5,102 | 5,140 |
| % Change | | 21.9% | -16.9% | 3.3% | 18.0% | 7.7% | 6.4% | 2.9% | 0.7% |
| Manitoba | 19,847 | 22,565 | 15,966 | 15,043 | 23,160 | 27,161 | 31,299 | 31,548 | 31,397 |
| % Change | | 13.7% | -29.2% | -5.8% | 54.0% | 17.3% | 15.2% | 0.8% | -0.5% |
| Northwest Territories | 1,967 | 2,172 | 2,011 | 1,241 | 1,447 | 1,525 | 1,676 | 1,519 | 1,324 |
| % Change | | 10.4% | -7.4% | -38.3% | 16.6% | 5.4% | 9.9% | -9.4% | -12.8% |
| Total | 26,838 | 30,687 | 23,165 | 21,817 | 31,027 | 35,800 | 40,557 | 40,556 | 41,023 |
| % Change | | 14.3% | -24.5% | -5.8% | 42.2% | 15.4% | 13.3% | 0.0% | 1.2% |

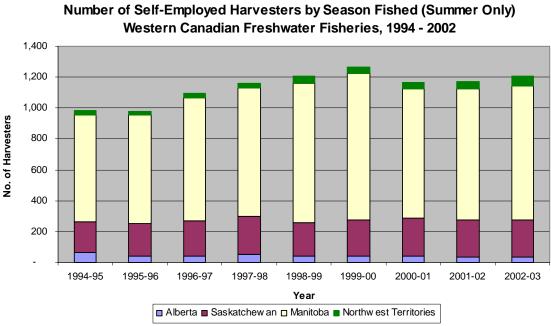
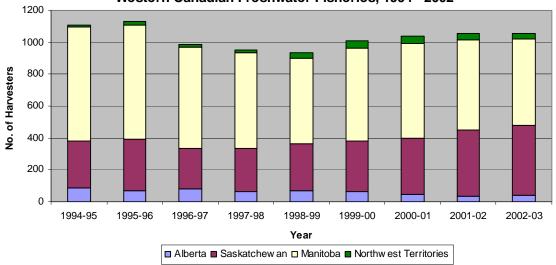


Figure 2.10

Figure 2.11 Number of Self-Employed Harvesters by Season Fished (Winter Only) Western Canadian Freshwater Fisheries, 1994 - 2002



Number of Self-Employed Harvesters by Season Fished (Both Seasons) Western Canadian Freshwater Fisheries, 1994 - 2002 700 600 500 No. of Harvesters 400 300 200 100 1994-95 1995-96 1996-97 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 Year ■ Alberta ■ Saskatchew an □ Manitoba ■ Northw est Territories

Figure 2.12

Table 2.6 Number of Self-Employed Harvesters Trend by Season Fished Western Canadian Freshwater Fisheries, 1994 - 2002

| Jurisdiction | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Alberta | 208 | 178 | 191 | 183 | 172 | 166 | 147 | 139 | 124 |
| Summer only | 67 | 43 | 54 | 41 | 55 | 40 | 41 | 43 | 35 |
| Winter only | 85 | 72 | 77 | 79 | 64 | 67 | 63 | 46 | 37 |
| Both Seasons | 56 | 63 | 60 | 63 | 53 | 59 | 43 | 50 | 52 |
| Saskatchewan | 545 | 580 | 558 | 528 | 540 | 561 | 598 | 635 | 703 |
| Summer only | 199 | 208 | 238 | 228 | 243 | 219 | 237 | 243 | 239 |
| Winter only | 295 | 319 | 274 | 253 | 271 | 299 | 320 | 353 | 413 |
| Both Seasons | 51 | 53 | 46 | 47 | 26 | 43 | 41 | 39 | 51 |
| Manitoba | 1,835 | 1,934 | 1,862 | 1,762 | 1,723 | 1,805 | 1,869 | 1,855 | 1,858 |
| Summer only | 687 | 702 | 770 | 798 | 834 | 900 | 948 | 838 | 848 |
| Winter only | 715 | 715 | 577 | 638 | 601 | 536 | 582 | 593 | 567 |
| Both Seasons | 433 | 517 | 515 | 326 | 288 | 369 | 339 | 424 | 443 |
| Northwest Territories | 70 | 75 | 76 | 77 | 73 | 131 | 136 | 151 | 146 |
| Summer only | 29 | 24 | 24 | 28 | 25 | 47 | 40 | 44 | 49 |
| Winter only | 14 | 21 | 18 | 19 | 18 | 33 | 43 | 48 | 39 |
| Both Seasons | 27 | 30 | 34 | 30 | 30 | 51 | 53 | 59 | 58 |
| Total | 2,658 | 2,767 | 2,687 | 2,550 | 2,508 | 2,663 | 2,750 | 2,780 | 2,831 |
| % Change | | 4.1% | -2.9% | -5.1% | -1.7% | 6.2% | 3.3% | 1.1% | 1.8% |
| Summer only | 982 | 977 | 1,086 | 1,095 | 1,157 | 1,206 | 1,266 | 1,168 | 1,171 |
| Winter only | 1,109 | 1,127 | 946 | 989 | 954 | 935 | 1,008 | 1,040 | 1,056 |
| Both Seasons | 567 | 663 | 655 | 466 | 397 | 522 | 476 | 572 | 604 |

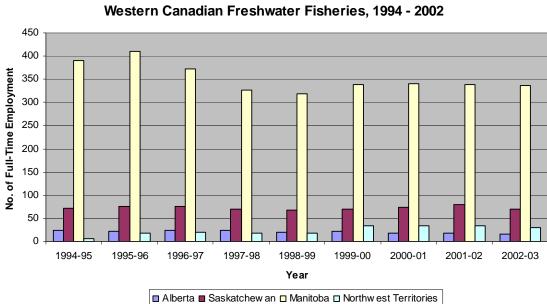


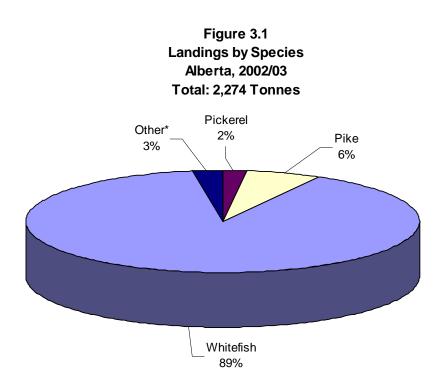
Figure 2.13 Number of Full-Time Equivalent Employment Trend Western Canadian Freshwater Fisheries, 1994 - 2002

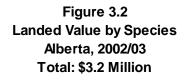
Table 2.7Number of Full-Time Equivalent Employment TrendWestern Canadian Freshwater Fisheries, 1994 - 2002

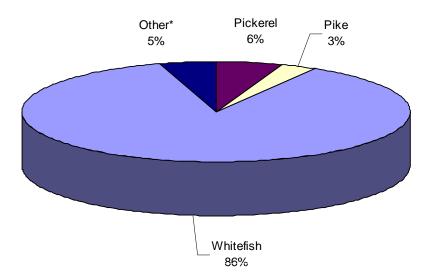
| Jurisdiction | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Alberta | 23 | 22 | 23 | 23 | 19 | 21 | 17 | 17 | 16 |
| Saskatchewan | 72 | 76 | 76 | 70 | 67 | 69 | 74 | 80 | 70 |
| Manitoba | 390 | 410 | 372 | 327 | 319 | 339 | 340 | 338 | 337 |
| Northwest Territories | 5 | 18 | 19 | 18 | 18 | 33 | 33 | 33 | 29 |
| Total | 491 | 526 | 490 | 438 | 423 | 462 | 464 | 468 | 453 |
| % Change | | 7.1% | -6.8% | -8.5% | -3.5% | 9.1% | 0.4% | 0.9% | -3.3% |

Section 3:

Alberta



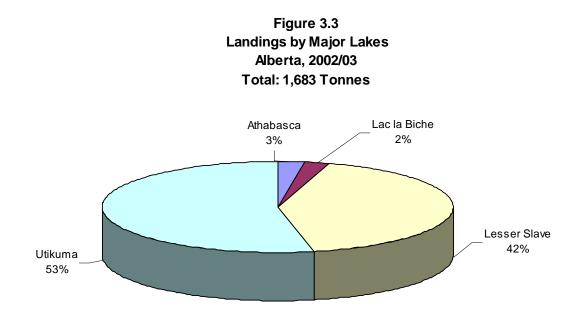


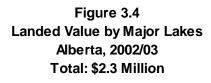


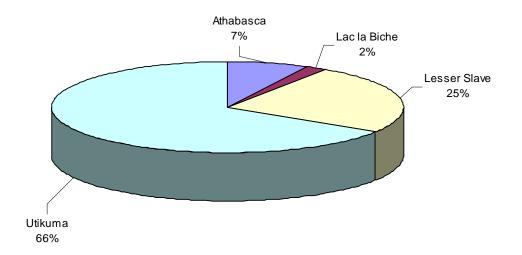
Note: * Includes whitefish roe, tullibee, and goldeye.

| Species | Landings (t.) | Landed Value (\$000) | Market Value (\$000) |
|---------------|------------------|-------------------------|-------------------------|
| Whitefish | 2,034 | 2,742 | 4,115 |
| Whitefish Roe | 21 | 118 | 236 |
| Pickerel | 44 | 178 | 264 |
| Northern Pike | 136 | 92 | 251 |
| Tullibee | 30 | 25 | 56 |
| Mullet | 6 | 1 | 5 |
| Goldeye | 3 | 5 | 11 |
| Total | 2,274 | 3,162 | 4,938 |

Table 3.1 Landings, Landed and Market Values by Species Alberta, 2002/03



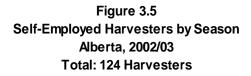




| Table 3.2 |
|--|
| Landings and Landed Value by Species and Major Lakes |
| Alberta, 2002/03 |

| | | Major Lakes | | | | | | | | | |
|---------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|--|
| | Atha | Athabasca | | Lac la Biche | | Lesser Slave | | uma | Alberta | | |
| Species | Landings (t) | Landed Value (\$000) | |
| Whitefish | 0 | 0 | 33 | 47 | 663 | 436 | 776 | 1,424 | 2,034 | 2,742 | |
| Pickerel | 40 | 163 | 0 | 0 | 3 | 10 | 0 | 1 | 44 | 178 | |
| Northern Pike | 0 | 0 | 0 | 0 | 20 | 14 | 95 | 64 | 136 | 92 | |
| Others* | 3 | 5 | 5 | 1 | 19 | 105 | 25 | 17 | 60 | 150 | |
| Total | 43 | 169 | 38 | 48 | 705 | 564 | 897 | 1,505 | 2,274 | 3,162 | |

Note: * Includes whitefish roe and/or tullibee and/or goldeye.



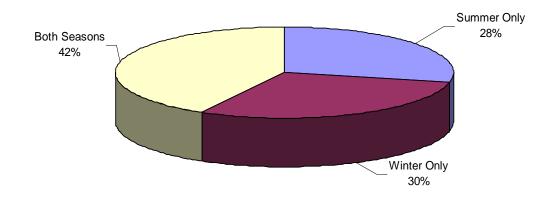
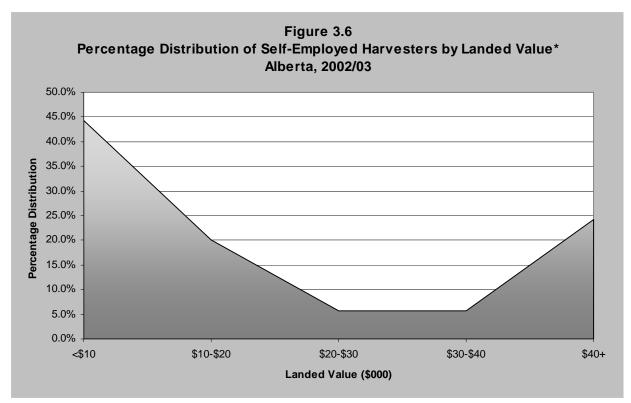
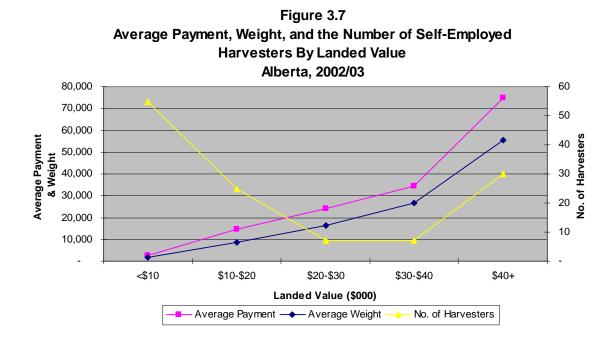


Table 3.3 Number of Self-Employed Harvesters by Season Fished Alberta, 2002/03

| Season | Self-Employed |
|--------------|---------------|
| Summer Only | 35 |
| Winter Only | 37 |
| Both Seasons | 52 |
| Total | 124 |



Note: * The shaded area under the line curve is 100%.



34

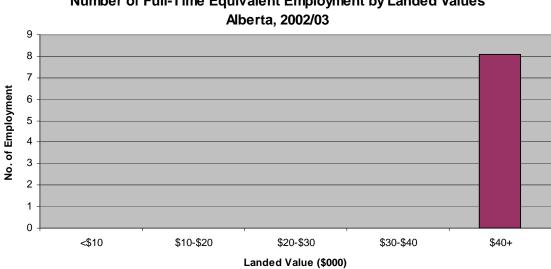


Figure 3.8 Number of Full-Time Equivalent Employment by Landed Values Alberta, 2002/03

Table 3.4 Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value Alberta, 2002/03

| Landed Value | No. of | Full-Time | Average Per Harvester | | | | | | |
|---------------------|------------|------------|-----------------------|-------|---------------|---------------|--|--|--|
| | Harvesters | Employment | Deliveries | Weeks | Weights (lb.) | Payments (\$) | | | |
| \$0 - \$10,000 | 55 | <4 | 6 | 3 | 1,781 | 2,673 | | | |
| \$10,001 - \$20,000 | 25 | <4 | 21 | 7 | 8,660 | 14,424 | | | |
| \$20,001 - \$30,000 | 7 | <4 | 21 | 7 | 16,403 | 23,872 | | | |
| \$30,001 - \$40,000 | 7 | <4 | 32 | 9 | 26,527 | 34,371 | | | |
| \$40,001+ | 30 | 8 | 51 | 14 | 55,287 | 74,880 | | | |

Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to harvesters upon delivery.

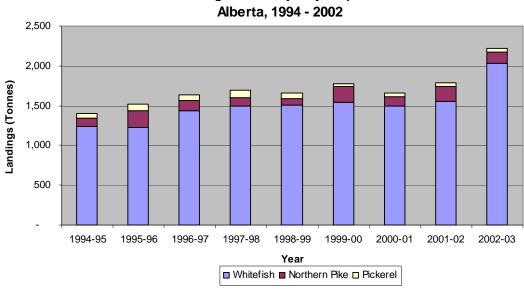
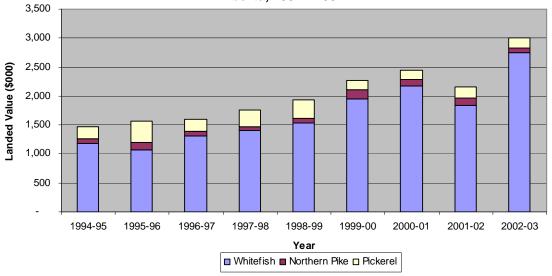


Figure 3.9 Landings Trend by Major Species Alberta, 1994 - 2002

Figure 3.10 Landed Value Trend by Major Species Alberta, 1994 - 2002



| Species | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|----------------------|---------|---------------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | | | | | | | | | |
| Whitefish | 1,237 | 1,231 | 1,433 | 1,495 | 1,504 | 1,537 | 1,498 | 1,554 | 2,034 |
| % Change | | -0.5% | 16.4% | 4.3% | 0.6% | 2.2% | -2.5% | 3.7% | 30.9% |
| % of Total Landings | 86.4% | 75.8% | 83.5% | 84.8% | 85.6% | 80.8% | 86.1% | 83.9% | 89.5% |
| Northern Pike | 109 | 201 | 136 | 108 | 81 | 199 | 117 | 181 | 136 |
| % Change | | 84.4% | -32.3% | -20.6% | -25.0% | 145.7% | -41.2% | 54.7% | -24.9% |
| % of Total Landings | 7.6% | 12.4% | 7.9% | 6.1% | 4.6% | 10.5% | 6.7% | 9.8% | 6.0% |
| Pickerel | 57 | 89 | 65 | 86 | 77 | 41 | 46 | 49 | 44 |
| % Change | | 56.1% | -27.0% | 32.3% | -10.5% | -46.8% | 12.2% | 6.5% | -10.2% |
| % of Total Landings | 4.0% | 5.5% | 3.8% | 4.9% | 4.4% | 2.2% | 2.7% | 2.7% | 1.9% |
| Others* | 29 | 103 | 82 | 74 | 96 | 126 | 78 | 68 | 60 |
| % Change | | 255.2% | -20.4% | -9.8% | 29.7% | 31.3% | -38.1% | -12.8% | -11.8% |
| % of Total Landings | 2.0% | 6.3% | 4.8% | 4.2% | 5.5% | 6.6% | 4.5% | 3.7% | 2.6% |
| Total | 1,432 | 1,624 | 1,716 | 1,763 | 1,758 | 1,903 | 1,739 | 1,852 | 2,274 |
| % Change | | 13.4% | 5.7% | 2.7% | -0.3% | 8.3% | -8.6% | 6.5% | 22.8% |
| Landed Value (\$000) | | | | | | | | | |
| Whitefish | 1,190 | 1,063 | 1,303 | 1,407 | 1,542 | 1,953 | 2,181 | 1,833 | 2,742 |
| % Change | | -10.7% | 22.6% | 8.0% | 9.6% | 26.7% | 11.7% | -16.0% | 49.6% |
| Northern Pike | 67 | 137 | 87 | 69 | 68 | 162 | 99 | 135 | 92 |
| % Change | | 104.5% | -36.5% | -20.7% | -1.4% | 138.2% | -38.9% | 36.4% | -31.9% |
| Pickerel | 221 | 366 | 204 | 285 | 322 | 158 | 166 | 185 | 178 |
| % Change | | 65.6% | -44.3% | 39.7% | 13.0% | -50.9% | 5.1% | 11.4% | -3.8% |
| Others* | 45 | 116 | 47 | 108 | 165 | 183 | 177 | 233 | 149 |
| % Change | | 157.8% | -59.5% | 129.8% | 52.8% | 10.9% | -3.3% | 31.6% | -36.1% |
| Total | 1,523 | 1,682 | 1,641 | 1,869 | 2,097 | 2,456 | 2,623 | 2,386 | 3,161 |
| % Change | | 1 0.4% | -2.4% | 13.9% | 12.2% | 17.1% | 6.8% | -9.0% | 32.5% |

| Table 3.5 |
|--|
| Landings and Landed Value Trend by Species |
| Alberta, 1994 - 2002 |

Note: * Includes whitefish roe, mullet, tullibee, perch, and goldeye.

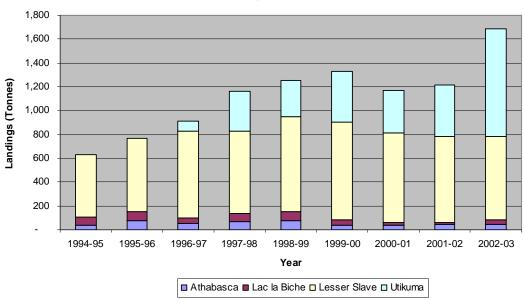
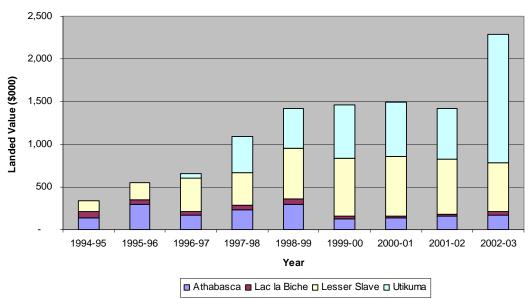


Figure 3.11 Landings by Major Lakes Alberta, 1994 - 2002

Figure 3.12 Landed Value by Major Lakes Alberta, 1994 - 2002



| Table 3.6 |
|--|
| Landings and Landed Value Trend by Major Lakes |
| Alberta, 1994 - 2002 |

| Major Lakes | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | | - | | | | - | - | | |
| Athabasca | 41 | 75 | 54 | 70 | 74 | 36 | 41 | 43 | 43 |
| % Change | | 82.9% | -28.0% | 29.6% | 5.7% | -51.4% | 13.9% | 4.9% | 0.0% |
| Lac la Biche | 67 | 77 | 47 | 69 | 75 | 51 | 16 | 18 | 38 |
| % Change | | 14.9% | -39.0% | 46.8% | 8.7% | -32.0% | -68.6% | 12.5% | 111.1% |
| Lesser Slave | 520 | 612 | 728 | 686 | 800 | 820 | 754 | 725 | 705 |
| % Change | | 17.7% | 19.0% | -5.8% | 16.6% | 2.5% | -8.0% | -3.8% | -2.8% |
| Utikuma* | | | 82 | 338 | 307 | 419 | 358 | 432 | 897 |
| % Change | | | | 312.2% | -9.2% | 36.5% | -14.6% | 20.7% | 107.6% |
| Total | 628 | 764 | 829 | 1,163 | 1,256 | 1,326 | 1,169 | 1,218 | 1,683 |
| % Change | | 21.7% | 8.5% | 40.3% | 8.0% | 5.6% | -11.8% | 4.2% | 38.2% |
| % of Total Landings | 43.8% | 47.0% | 50.7% | 66.0% | 71.4% | 69.6% | 67.2% | 65.7% | 74.0% |
| Total Landings** | 1,433 | 1,624 | 1,634 | 1,763 | 1,758 | 1,904 | 1,739 | 1,854 | 2,274 |
| Landed Value (\$000) | - | | | | | | = | | |
| Athabasca | 143 | 292 | 170 | 229 | 295 | 127 | 143 | 156 | 169 |
| % Change | | 104.2% | -41.8% | 34.7% | 28.8% | -56.9% | 12.6% | 9.1% | 8.3% |
| Lac la Biche | 64 | 61 | 37 | 54 | 68 | 29 | 13 | 20 | 48 |
| % Change | | -4.7% | -39.3% | 45.9% | 25.9% | -57.4% | -55.2% | 53.8% | 140.0% |
| Lesser Slave | 137 | 199 | 394 | 384 | 594 | 686 | 707 | 647 | 564 |
| % Change | | 45.3% | 98.0% | -2.5% | 54.7% | 15.5% | 3.1% | -8.5% | -12.8% |
| Utikuma* | | | 55 | 420 | 462 | 616 | 628 | 593 | 1,505 |
| % Change | | | | 663.6% | 10.0% | 33.3% | 1.9% | -5.6% | 153.8% |
| Total | 344 | 552 | 601 | 1,087 | 1,419 | 1,458 | 1,491 | 1,416 | 2,286 |
| % Change | | 60.5% | 8.9% | 80.9% | 30.5% | 2.8% | 2.3% | -5.0% | 61.4% |
| % of Total Landed Value | 22.6% | 32.8% | 37.9% | 58.1% | 67.7% | 59.4% | 56.9% | 59.4% | 72.3% |
| Total Landed Value*** | 1,524 | 1,682 | 1,587 | 1,870 | 2,097 | 2,456 | 2,622 | 2,385 | 3,162 |

Notes: * The spike at Lake Utikuma in 2002/03 reflects irregularities in commercial deliveries cause by low oxygen level. Harvesters are permitted to exceed quotas in a winter with very low oxygen levels which may be followed by several years of reduced quotas while the whitefish stock recovers; ** Total landings in all lakes in Alberta; *** Total landed values of landings in all lakes in Alberta.

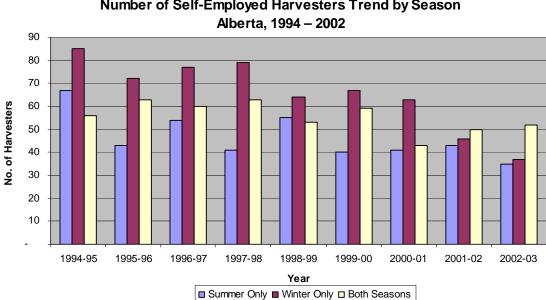


Figure 3.13 Number of Self-Employed Harvesters Trend by Season

Table 3.7 Number of Self-Employed Harvesters Trend by Season Fished Alberta, 1994- 2002

| Year | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Summer Only | 67 | 43 | 54 | 41 | 55 | 40 | 41 | 43 | 35 |
| % Change | | -35.8% | 25.6% | -24.1% | 34.1% | -27.3% | 2.5% | 4.9% | -18.6% |
| Winter Only | 85 | 72 | 77 | 79 | 64 | 67 | 63 | 46 | 37 |
| % Change | | -15.3% | 6.9% | 2.6% | -19.0% | 4.7% | -6.0% | -27.0% | -19.6% |
| Both Seasons | 56 | 63 | 60 | 63 | 53 | 59 | 43 | 50 | 52 |
| % Change | | 12.5% | -4.8% | 5.0% | -15.9% | 11.3% | -27.1% | 16.3% | 4.0% |
| Total | 208 | 178 | 191 | 183 | 172 | 166 | 147 | 139 | 124 |
| % Change | | -14.4% | 7.3% | -4.2% | -6.0% | -3.5% | -11.5% | -5.4% | -10.8% |

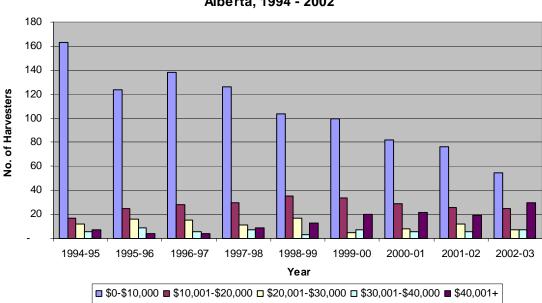


Figure 3.14 Estimated Number of Self-Employed Harvesters by Landed Value Alberta, 1994 - 2002

 Table 3.8

 Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed Value

 Alberta, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | |
|---------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| Average Payment (\$ | \$) | | | | | | | | | |
| \$0 - \$10,000 | 2,318 | 2,959 | 3,139 | 3,553 | 2,880 | 3,511 | 3,628 | 3,564 | 2,673 | |
| \$10001 - \$20,000 | 15,259 | 14,719 | 14,162 | 14,260 | 13,926 | 14,382 | 14,178 | 13,047 | 14,424 | |
| \$20,001 - \$30,000 | 25,160 | 24,555 | 24,006 | 24,632 | 26,006 | 22,223 | 24,722 | 24,849 | 23,872 | |
| \$30,001 - \$40,000 | 33,707 | 35,448 | 35,296 | 35,592 | 37,396 | 34,071 | 35,549 | 37,980 | 34,371 | |
| \$40,001+ | 50,967 | 58,776 | 59,523 | 52,667 | 58,112 | 63,329 | 69,795 | 65,824 | 74,880 | |
| Average Weight (t) | | | | | | | | | | |
| \$0 - \$10,000 | 1,792 | 2,420 | 2,287 | 2,905 | 2,182 | 2,182 | 1,831 | 2,354 | 1,781 | |
| \$10001 - \$20,000 | 9,219 | 8,286 | 9,526 | 11,566 | 9,796 | 9,807 | 8,378 | 8,889 | 8,660 | |
| \$20,001 - \$30,000 | 16,607 | 16,331 | 18,416 | 19,994 | 18,550 | 15,424 | 13,798 | 17,616 | 16,403 | |
| \$30,001 - \$40,000 | 26,032 | 27,128 | 36,588 | 41,563 | 33,626 | 25,542 | 22,018 | 26,187 | 26,527 | |
| \$40,001+ | 39,455 | 60,533 | 63,107 | 59,979 | 59,451 | 54,827 | 50,212 | 56,614 | 55,287 | |
| Number of Self-Emp | oloyed Harve | esters | | | | | | | | |
| \$0 - \$10,000 | 166 | 124 | 138 | 126 | 104 | 100 | 82 | 76 | 55 | |
| \$10001 - \$20,000 | 17 | 25 | 28 | 30 | 35 | 34 | 29 | 26 | 25 | |
| \$20,001 - \$30,000 | 12 | 16 | 15 | 11 | 17 | 5 | 8 | 12 | 7 | |
| \$30,001 - \$40,000 | 6 | 9 | 6 | 7 | <4 | 7 | 6 | 6 | 7 | |
| \$40,001+ | 7 | 4 | 4 | 9 | 13 | 20 | 22 | 19 | 30 | |
| Total | 208 | 178 | 191 | 183 | 169 | 166 | 147 | 139 | 124 | |
| % Change | | -13.2% | 7.3% | -4.2% | -7.7% | -1.8% | -11.5% | -5.4% | -10.8% | |

Note: Total does not include the number for less than 4.

Figure 3.15 Number of Full-Time Equivalent Employment Trend by Landed Value Alberta, 1994 - 2002

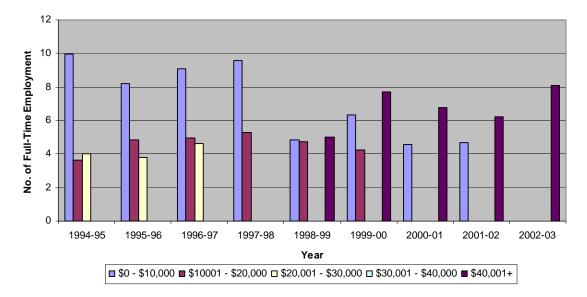


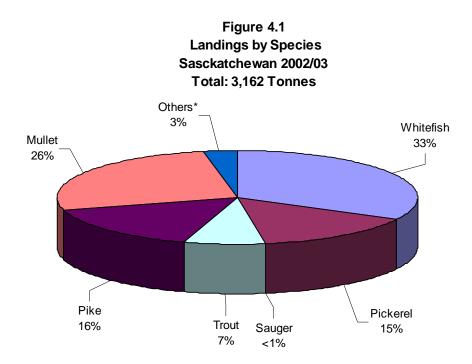
Table 3.9 Number of Full-Time Equivalent Employment Trend by Landed Value Alberta, 1994 - 2002

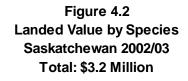
| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$0 - \$10,000 | 10 | 8 | 9 | 10 | 5 | 6 | 5 | 5 | <4 |
| \$10001 - \$20,000 | 4 | 5 | 5 | 5 | 5 | 4 | <4 | <4 | <4 |
| \$20,001 - \$30,000 | 4 | 4 | 5 | <4 | <4 | <4 | <4 | <4 | <4 |
| \$30,001 - \$40,000 | <4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 |
| \$40,001+ | <4 | <4 | <4 | <4 | 5 | 8 | 7 | 6 | 8 |
| Total | 18 | 17 | 19 | 15 | 15 | 18 | 12 | 11 | 8 |
| % Change | | -4.5% | -10.5% | -10.5% | -11.8% | 20.0% | -33.3% | -8.3% | -27.3% |

Note: Total does not include the number for less than 4.

Section 4:

Saskatchewan





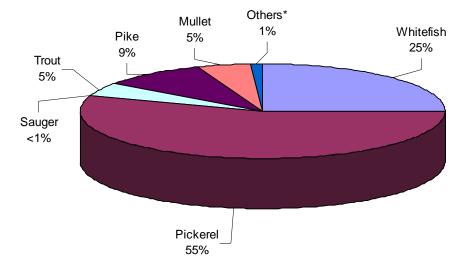
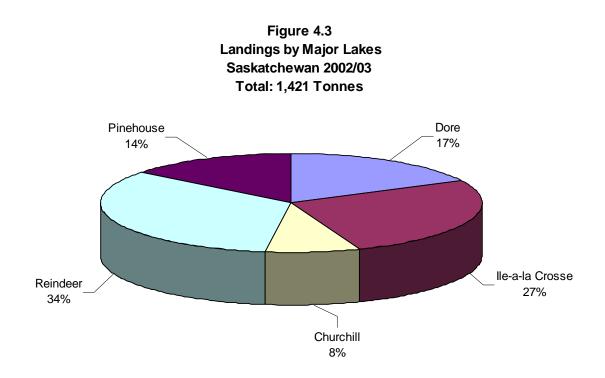
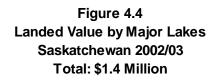


Table 4.1 Landings, Landed and Market Values by Species Saskatchewan, 2002/03

| Species | Landings (t) | Landed Value (\$000) | Market Value (\$000) |
|---------------|-----------------|-------------------------|-------------------------|
| Whitefish | 1,405 | 1,280 | 3,006 |
| Pickerel | 630 | 2,845 | 3,808 |
| Lake Trout | 304 | 244 | 533 |
| Northern Pike | 680 | 461 | 1,258 |
| Mullet | 1,130 | 254 | 1,028 |
| Others* | 134 | 56 | 325 |
| Total | 4,284 | 5,140 | 9,958 |

Note: * Includes burbot, goldeye, perch, sauger, and tullibee.





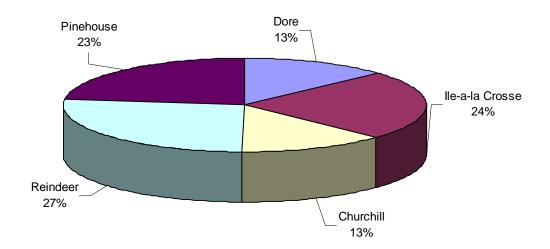


Table 4.2Landings and Landed Value by Species and Major LakesSaskatchewan, 2002/03

| | | | | | Major | [.] Lakes | | | | | | |
|---------------|------------|----------------------|------------|---------|-----------|--------------------|------------|---------|------------|---------|--------------|---------|
| | Do | Dore Ile-a-la Crosse | | Crosse | Churchill | | Reindeer | | Pinehouse | | Saskatchewan | |
| | | Landed | | Landed | | Landed | | Landed | | Landed | | Landed |
| • • | Landings | Value | Landings | Value | Landings | Value | Landings | Value | Landings | Value | Landings | Value |
| Species | <i>(t)</i> | (\$000) | <i>(t)</i> | (\$000) | (t) | (\$000) | <i>(t)</i> | (\$000) | <i>(t)</i> | (\$000) | <i>(t)</i> | (\$000) |
| Whitefish | 111 | 125 | 22 | 23 | 2 | 3 | 191 | 125 | 51 | 34 | 1,405 | 1,280 |
| Pickerel | 22 | 22 | 47 | 212 | 37 | 156 | 11 | 52 | 53 | 250 | 630 | 2,845 |
| Lake Trout | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 173 | 0 | 0 | 304 | 244 |
| Northern Pike | 22 | 15 | 75 | 50 | 26 | 17 | 29 | 20 | 49 | 33 | 680 | 461 |
| Mullet | 75 | 19 | 220 | 54 | 46 | 11 | 34 | 8 | 52 | 13 | 1,130 | 254 |
| Others* | 17 | 4 | 18 | 6 | 3 | 1 | 0 | 0 | 0 | 1 | 134 | 56 |
| Total | 247 | 186 | 382 | 345 | 113 | 188 | 474 | 378 | 205 | 330 | 4,284 | 5,140 |

Note: * Includes burbot, goldeye, perch, sauger, and tullibee.

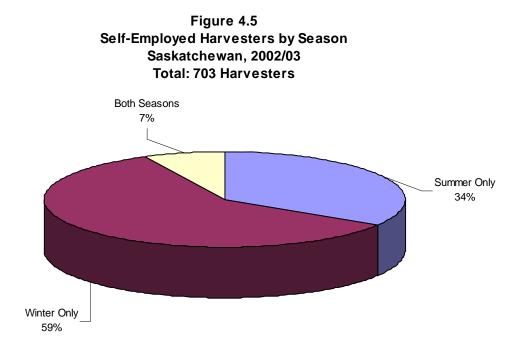
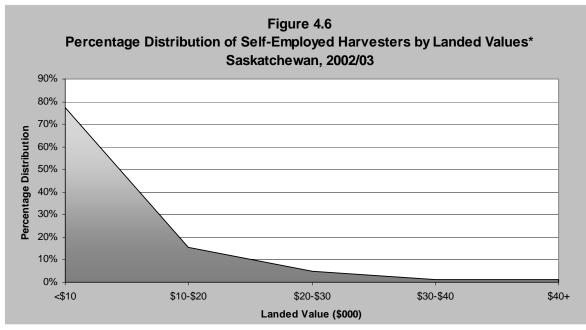
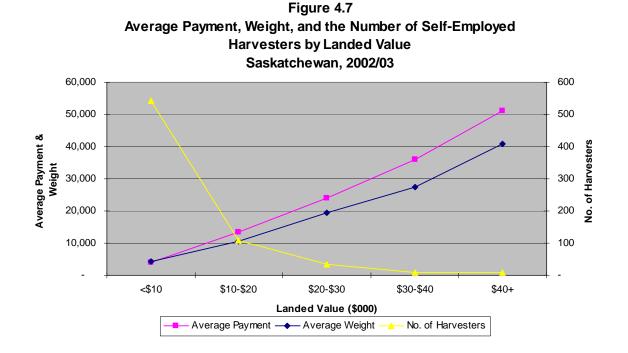


Table 4.3 Number of Self-Employed Harvesters by Season Fished Saskatchewan, 2002/03

| Season | Self-Employed |
|--------------|---------------|
| Summer Only | 239 |
| Winter Only | 413 |
| Both Seasons | 51 |
| Total | 703 |



Note: * The shaded area under the line curve is 100%.



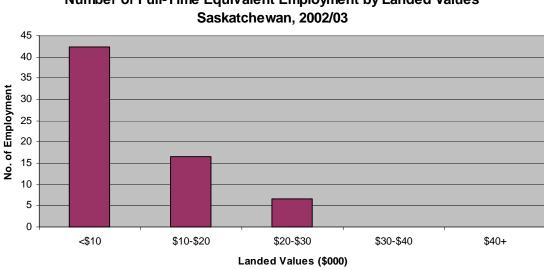


Figure 4.8 Number of Full-Time Equivalent Employment by Landed Values Saskatchewan, 2002/03

Table 4.4 Landings, Landed Value, Number of Full-Time Employment and Fishing Effort by Landed Value Saskatchewan, 2002/03

| Landed Value | No. of | Full-Time | Averages Per Harvesters | | | | | | |
|---------------------|------------|------------|-------------------------|-------|---------------|---------------|--|--|--|
| | Harvesters | Employment | Deliveries | Weeks | Weights (lb.) | Payments (\$) | | | |
| \$0 - \$10,000 | 543 | 42 | 12 | 4 | 4,318 | 3,902 | | | |
| \$10001 - \$20,000 | 108 | 17 | 31 | 8 | 10,544 | 13,295 | | | |
| \$20,001 - \$30,000 | 34 | 7 | 37 | 10 | 19,329 | 24,086 | | | |
| \$30,001 - \$40,000 | 10 | <4 | 45 | 13 | 27,300 | 35,961 | | | |
| \$40,001+ | 8 | <4 | 60 | 15 | 40,926 | 51,015 | | | |

Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to the harvesters upon delivery.

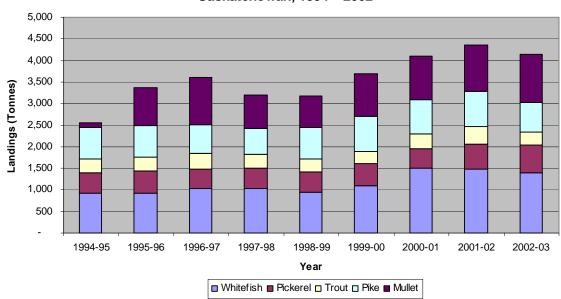
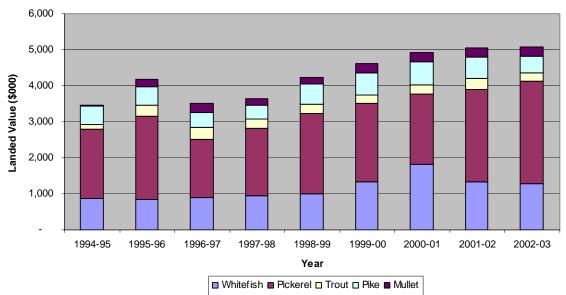


Figure 4.9 Landings Trend by Major Species Saskatchewan, 1994 – 2002

Figure 4.10 Landed Value Trend by Major Species Saskatchewan, 1994 – 2002



| Table 4.5 |
|--|
| Landings and Landed Value Trend by Species |
| Saskatchewan, 1994 - 2002 |

| Species | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | | | | | | | | | |
| Whitefish | 923 | 928 | 1,030 | 1,036 | 943 | 1,100 | 1,494 | 1,476 | 1,405 |
| % Change | | 0.5% | 11.0% | 0.6% | -9.0% | 16.6% | 35.8% | -1.2% | -4.8% |
| % of Total Landings | 35.9% | 26.5% | 28.5% | 32.2% | 28.5% | 29.2% | 35.9% | 33.3% | 32.8% |
| Pickerel | 465 | 515 | 452 | 467 | 482 | 505 | 464 | 590 | 630 |
| % Change | | 10.8% | -12.2% | 3.3% | 3.2% | 4.8% | -8.1% | 27.2% | 6.8% |
| % of Total Landings | 18.1% | 14.7% | 12.5% | 14.5% | 14.6% | 13.4% | 11.2% | 13.3% | 14.7% |
| Lake Trout | 337 | 315 | 363 | 321 | 296 | 289 | 341 | 393 | 304 |
| % Change | | -6.5% | 15.2% | -11.6% | -7.8% | -2.4% | 18.0% | 15.2% | -22.6% |
| % of Total Landings | 13.1% | 9.0% | 10.0% | 10.0% | 8.9% | 7.7% | 8.2% | 8.9% | 7.1% |
| Northern Pike | 714 | 727 | 658 | 596 | 731 | 800 | 781 | 815 | 680 |
| % Change | | 1.8% | -9.5% | -9.4% | 22.7% | 9.4% | -2.4% | 4.4% | -16.6% |
| % of Total Landings | 27.8% | 20.8% | 18.2% | 18.5% | 22.1% | 21.3% | 18.8% | 18.4% | 15.9% |
| Mullet | 119 | 894 | 1,095 | 781 | 715 | 991 | 1,027 | 1,080 | 1,130 |
| % Change | | 651.3% | 22.5% | -28.7% | -8.5% | 38.6% | 3.6% | 5.2% | 4.6% |
| % of Total Landings | 4.6% | 25.6% | 30.3% | 24.3% | 21.6% | 26.3% | 24.7% | 24.4% | 26.4% |
| Others* | 13 | 117 | 17 | 13 | 143 | 76 | 52 | 72 | 134 |
| % Change | | 800.0% | -85.5% | -23.5% | 1000.0% | -46.9% | -31.6% | 38.5% | 86.1% |
| % of Total Landings | 0.5% | 3.3% | 0.5% | 0.4% | 4.3% | 2.0% | 1.3% | 1.6% | 3.1% |
| Total | 2,571 | 3,496 | 3,615 | 3,214 | 3,310 | 3,761 | 4,159 | 4,426 | 4,283 |
| % Change | | 36.0% | 3.4% | -11.1% | 3.0% | 13.6% | 10.6% | 6.4% | -3.2% |
| Landed Value (\$000) | | | | - | | - | | | |
| Whitefish | 861 | 839 | 908 | 943 | 1,009 | 1,325 | 1,831 | 1,338 | 1,280 |
| % Change | | -2.6% | 8.2% | 3.9% | 7.0% | 31.3% | 38.2% | -26.9% | -4.3% |
| Pickerel | 1,945 | 2,306 | 1,611 | 1,878 | 2,232 | 2,184 | 1,941 | 2,554 | 2,845 |
| % Change | | 18.6% | -30.1% | 16.6% | 18.8% | -2.2% | -11.1% | 31.6% | 11.4% |
| Lake Trout | 121 | 316 | 322 | 254 | 234 | 226 | 266 | 308 | 244 |
| % Change | | 161.2% | 1.9% | -21.1% | -7.9% | -3.4% | 17.7% | 15.8% | -20.8% |
| Northern Pike | 503 | 509 | 416 | 398 | 578 | 632 | 623 | 599 | 461 |
| % Change | | 1.2% | -18.3% | -4.3% | 45.2% | 9.3% | -1.4% | -3.9% | -23.0% |
| Mullet | 33 | 220 | 267 | 167 | 177 | 242 | 250 | 262 | 254 |
| % Change | | 566.7% | 21.4% | -37.5% | 6.0% | 36.7% | 3.3% | 4.8% | -3.1% |
| Others* | 38 | 78 | 21 | 26 | 94 | 49 | 47 | 40 | 56 |
| % Change | | 105.3% | -73.1% | 23.8% | 261.5% | -47.9% | -4.1% | -14.9% | 40.0% |
| Total | 3,501 | 4,268 | 3,545 | 3,666 | 4,324 | 4,658 | 4,958 | 5,101 | 5,140 |
| % Change | | 21.9% | -16.9% | 3.4% | 18.0% | 7.7% | 6.4% | 2.9% | 0.8% |

Note: * Includes goldeye, perch, tullibee, whitefish roe, and sauger.

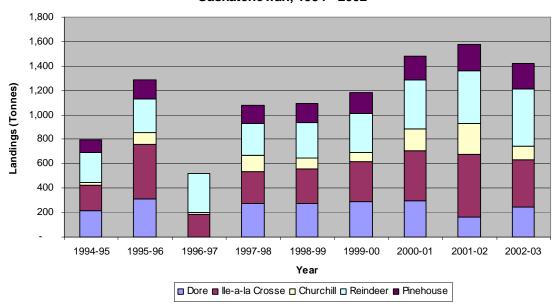
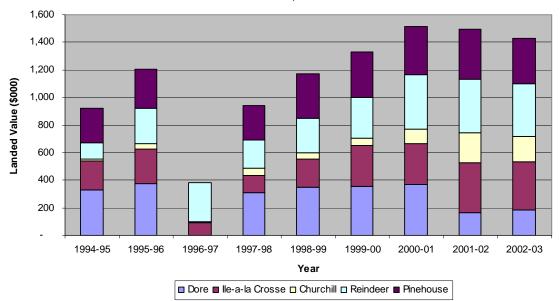


Figure 4.11 Landings Trend by Major Lakes Saskatchewan, 1994 - 2002

Figure 4.12 Landed Value Trend by Major Lakes Saskatchewan, 1994 - 2002



| Table 4.6 |
|--|
| Landings and Landed Value Trend by Major Lakes |
| Saskatchewan, 1994 - 2002 |

| Major Lakes | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | - | - | | - | | - | - | | |
| Dore | 214 | 311 | - | 272 | 276 | 287 | 296 | 166 | 247 |
| % Change | | 45.3% | -100.0% | | 1.5% | 4.0% | 3.1% | -43.9% | 48.8% |
| lle-a-la Crosse | 209 | 446 | 183 | 261 | 281 | 333 | 412 | 508 | 382 |
| % Change | | 113.4% | -59.0% | 42.6% | 7.7% | 18.5% | 23.7% | 23.3% | -24.8% |
| Churchill | 25 | 100 | 19 | 133 | 91 | 73 | 178 | 255 | 113 |
| % Change | | 300.0% | -81.0% | 600.0% | -31.6% | -19.8% | 143.8% | 43.3% | -55.7% |
| Reindeer | 246 | 275 | 316 | 265 | 287 | 321 | 404 | 433 | 474 |
| % Change | | 11.8% | 14.9% | -16.1% | 8.3% | 11.8% | 25.9% | 7.2% | 9.5% |
| Pinehouse | 102 | 153 | - | 148 | 161 | 170 | 193 | 216 | 205 |
| % Change | | 50.0% | -100.0% | | 8.8% | 5.6% | 13.5% | 11.9% | -5.1% |
| Total | 796 | 1,285 | 518 | 1,079 | 1,096 | 1,184 | 1,483 | 1,578 | 1,421 |
| % Change | | 61.4% | -59.7% | 108.3% | 1.6% | 8.0% | 25.3% | 6.4% | -9.9% |
| % of Total Landings | 31.0% | 36.8% | 14.3% | 33.6% | 33.1% | 31.5% | 35.7% | 35.6% | 33.2% |
| Total Landings* | 2,571 | 3,496 | 3,615 | 3,215 | 3,310 | 3,760 | 4,158 | 4,427 | 4,284 |
| Landed Value (\$000) | | | | | | | | | |
| Dore | 326 | 376 | - | 307 | 347 | 355 | 372 | 164 | 186 |
| % Change | | 15.3% | -100.0% | | 13.0% | 2.3% | 4.8% | -55.9% | 13.4% |
| lle-a-la Crosse | 215 | 250 | 90 | 126 | 207 | 300 | 293 | 366 | 345 |
| % Change | | 16.3% | -64.0% | 40.0% | 64.3% | 44.9% | -2.3% | 24.9% | -5.7% |
| Churchill | 15 | 41 | 8 | 56 | 47 | 49 | 108 | 215 | 188 |
| % Change | | 173.3% | -80.5% | 600.0% | -16.1% | 4.3% | 120.4% | 99.1% | -12.6% |
| Reindeer | 116 | 255 | 282 | 203 | 246 | 298 | 393 | 390 | 378 |
| % Change | | 119.8% | 10.6% | -28.0% | 21.2% | 21.1% | 31.9% | -0.8% | -3.1% |
| Pinehouse | 250 | 282 | - | 247 | 327 | 325 | 347 | 358 | 330 |
| % Change | | 12.8% | -100.0% | | 32.4% | -0.6% | 6.8% | 3.2% | -7.8% |
| Total | 922 | 1,204 | 380 | 939 | 1,174 | 1,327 | 1,513 | 1,493 | 1,427 |
| % Change | | 30.6% | -68.4% | 147.1% | 25.0% | 13.0% | 14.0% | -1.3% | -4.4% |
| % of Total Landed Value | 26.3% | 28.2% | 10.7% | 25.6% | 27.2% | 28.5% | 30.5% | 29.3% | 27.8% |
| Total Landed Value** | 3,501 | 4,267 | 3,546 | 3,664 | 4,323 | 4,658 | 4,960 | 5,101 | 5,140 |

Notes: * Total landings in all lakes in Saskatchewan; ** Total landed values of landings in all lakes in Saskatchewan.

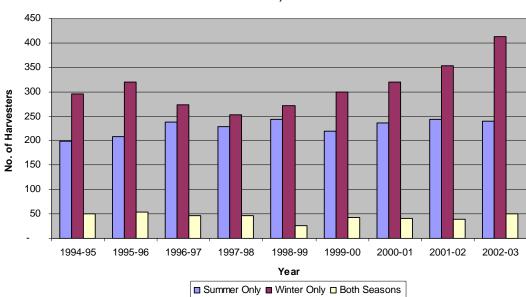


Figure 4.13 Estimated Number of Self-Employed Harvesters Saskatchewan, 1994 – 2002

Table 4.7 Number of Self-Employed Harvesters Trend by Season Fished Saskatchewan, 1994 - 2002

| Season | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Summer Only | 199 | 208 | 238 | 228 | 243 | 219 | 237 | 243 | 239 |
| % Change | | 4.5% | 14.4% | -4.2% | 6.6% | -9.9% | 8.2% | 2.5% | -1.6% |
| Winter Only | 295 | 319 | 274 | 253 | 271 | 299 | 320 | 353 | 413 |
| % Change | | 8.1% | -14.1% | -7.7% | 7.1% | 10.3% | 7.0% | 10.3% | 17.0% |
| Both | 51 | 53 | 46 | 47 | 26 | 43 | 41 | 39 | 51 |
| % Change | | 3.9% | -13.2% | 2.2% | -44.7% | 65.4% | -4.7% | -4.9% | 30.8% |
| Total | 545 | 580 | 558 | 528 | 540 | 561 | 598 | 635 | 703 |
| % Change | | 6.4% | -3.8% | -5.4% | 2.3% | 3.9% | 6.6% | 6.2% | 10.7% |

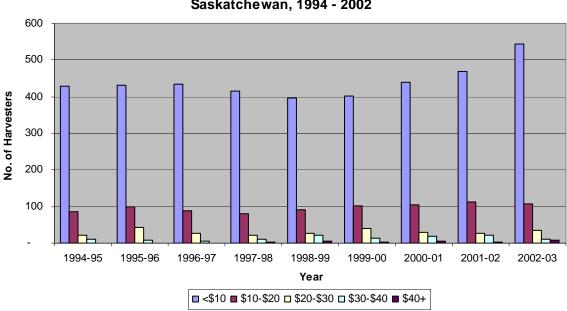


Figure 4.14 Number of Self-Employed Harvesters by Landed Value Saskatchewan, 1994 - 2002

Table 4.8Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed ValueSaskatchewan, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Average Payment (\$) | | | | | | | | | |
| \$0-\$10,000 | 3,244 | 3,378 | 3,326 | 3,810 | 3,674 | 4,155 | 4,182 | 4,181 | 3,902 |
| \$10,001-\$20,000 | 13,709 | 14,414 | 13,225 | 13,457 | 13,832 | 13,237 | 13,470 | 13,540 | 13,295 |
| \$20,001-\$30,000 | 25,918 | 25,054 | 25,330 | 25,131 | 24,573 | 24,815 | 24,722 | 24,736 | 24,086 |
| \$30,001-\$40,000* | 39,710 | 36,763 | 35,074 | 32,906 | 33,962 | 33,628 | 34,277 | 33,988 | 35,961 |
| \$40,001+ | | | | 51,260 | 49,083 | 47,708 | 58,392 | 49,730 | 51,015 |
| Average Weight (t) | | | | | | | | | |
| \$0-\$10,000 | 2,153 | 2,122 | 2,638 | 3,384 | 2,731 | 2,800 | 3,350 | 3,388 | 4,318 |
| \$10,001-\$20,000 | 7,356 | 8,945 | 9,445 | 11,759 | 11,935 | 10,069 | 11,378 | 13,011 | 10,544 |
| \$20,001-\$30,000 | 14,028 | 15,162 | 22,303 | 21,748 | 17,428 | 22,150 | 24,114 | 20,403 | 19,329 |
| \$30,001-\$40,000* | 20,606 | 25,045 | 23,773 | 29,241 | 23,399 | 27,438 | 25,823 | 28,143 | 27,300 |
| \$40,001+ | | | | 42,109 | 37,362 | 49,740 | 51,026 | 49,734 | 40,926 |
| No. of Self-Employed Harvesters | | | | | | | | | |
| \$0-\$10,000 | 429 | 430 | 435 | 414 | 396 | 401 | 439 | 468 | 543 |
| \$10,001-\$20,000 | 85 | 99 | 89 | 80 | 92 | 102 | 105 | 113 | 108 |
| \$20,001-\$30,000 | 21 | 42 | 28 | 21 | 26 | 41 | 30 | 27 | 34 |
| \$30,001-\$40,000* | 10 | 9 | 6 | 10 | 21 | 13 | 18 | 22 | 10 |
| \$40,001+ | | | | <4 | 5 | 4 | 6 | 4 | 8 |
| Total** | 545 | 580 | 558 | 525 | 540 | 561 | 598 | 634 | 703 |
| % Change | | 6.4% | -3.8% | -5.9% | 2.9% | 3.9% | 6.6% | 6.0% | 10.9% |

Note: * Indicates 30001+ for the period 1994-96; ** Total does not include the number for less than 4.

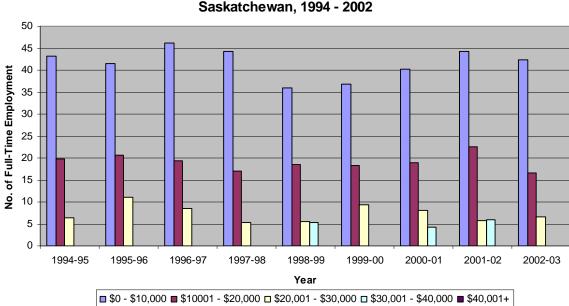


Figure 4.15 Number of Full-Time Equivalent Employment Trend by Landed Value Saskatchewan, 1994 - 2002

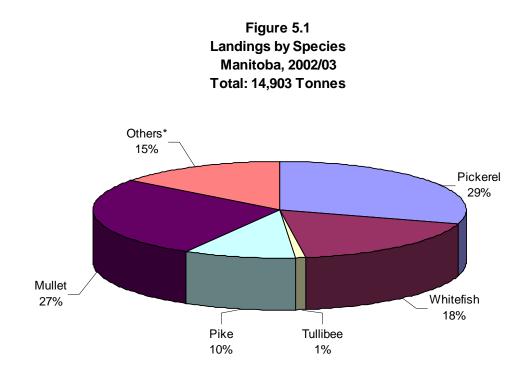
Table 4.9Number of Full-Time Equivalent Employment Trend by Landed ValueSaskatchewan, 1994 - 2002

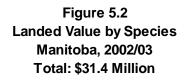
| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$0-\$10,000 | 43 | 42 | 46 | 44 | 36 | 37 | 40 | 44 | 42 |
| \$10,001-\$20,000 | 20 | 21 | 19 | 17 | 18 | 18 | 19 | 23 | 17 |
| \$20,001-\$30,000 | 6 | 11 | 9 | 5 | 6 | 9 | 8 | 6 | 7 |
| \$30,001-\$40,000 | <4 | <4 | <4 | <4 | 5 | <4 | 4 | 6 | <4 |
| \$40,001+ | | 0 | 0 | <4 | <4 | <4 | <4 | <4 | <4 |
| Total | 69 | 73 | 74 | 66 | 65 | 64 | 71 | 79 | 66 |
| % Change | | 6.5% | 0.7% | -10.2% | -1.5% | -1.5% | 10.9% | 11.3% | -16.5% |

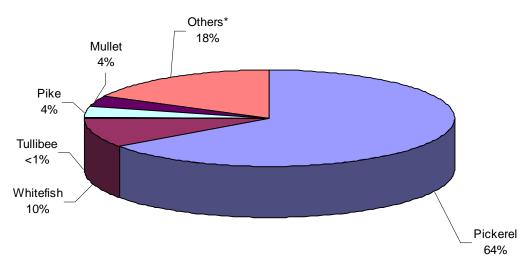
Note: Total does not include the number for less than 4.

Section 5:

Manitoba







Note: * Includes drum, goldeye, white bass, and whitefish roe.

| Species | Landings (t) | Landed Value (\$000) | Market Value (\$000) |
|---------------|-----------------|-------------------------|-------------------------|
| Whitefish | 2,692 | 3,103 | 5,581 |
| Pickerel | 4,422 | 20,438 | 26,710 |
| Sauger | 781 | 3,146 | 4,352 |
| Lake Trout | 31 | 26 | 54 |
| Northern Pike | 1,478 | 1,117 | 2,735 |
| Tullibee | 117 | 83 | 222 |
| Perch | 478 | 1,820 | 2,450 |
| Mullet | 3,992 | 1,140 | 3,632 |
| Carp | 844 | 407 | 726 |
| Others* | 67 | 116 | 273 |
| Total | 14,903 | 31,397 | 46,735 |

Table 5.1 Landings, Landed and Market Values by Species Manitoba, 2002/03

Note: * Includes drum, goldeye, white bass, and whitefish roe.

Figure 5.3 Landings by Major Lakes Manitoba 2002/03 Total: 11,008 Tonnes

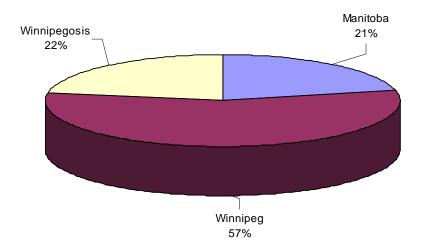
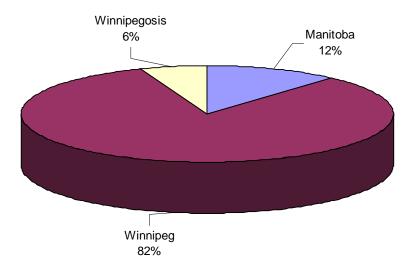


Figure 5.4 Landed Value by Major Lakes Manitoba 2002/03 Total: \$24.8 Million



| | Lake Ma | anitoba | Lake W | innipeg | Lake Win | nipegosis | Manitoba | | |
|---------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|-----------------|----------------------------|--|
| Species | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | |
| Whitefish | 6 | 7 | 1,620 | 1,977 | 78 | 87 | 2,692 | 3,103 | |
| Pickerel | 244 | 1,043 | 3,215 | 14,862 | 72 | 340 | 4,422 | 20,438 | |
| Sauger | 21 | 82 | 742 | 2,989 | 0 | 0 | 781 | 3,146 | |
| Lake Trout | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 26 | |
| Northern Pike | 155 | 119 | 98 | 73 | 202 | 154 | 1,478 | 1,117 | |
| Tullibee | 0 | 0 | 0 | 0 | 0 | 0 | 117 | 83 | |
| Perch | 304 | 1,204 | 89 | 351 | 58 | 156 | 478 | 1,820 | |
| Mullet | 1,259 | 292 | 234 | 72 | 1,820 | 575 | 3,992 | 1,140 | |
| Carp | 373 | 165 | 156 | 72 | 214 | 118 | 844 | 407 | |
| Others* | 2 | 1 | 46 | 83 | 1 | 1 | 67 | 116 | |
| Total | 2,363 | 2,913 | 6,200 | 20,479 | 2,444 | 1,431 | 14,903 | 31,397 | |

Table 5.2 Landings and Landed Value by Species and Major Lakes Manitoba, 2002/03

Note: * Includes drum, goldeye, white bass, and whitefish roe.

Figure 5.5 Self-Employed Harvesters by Season Manitoba, 2002/03 Total: 1,858 Harvesters

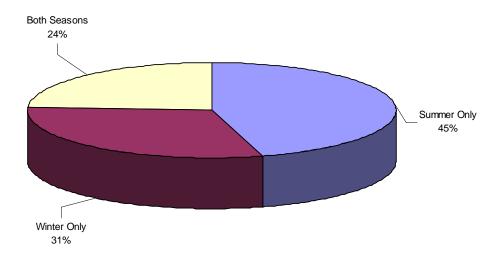
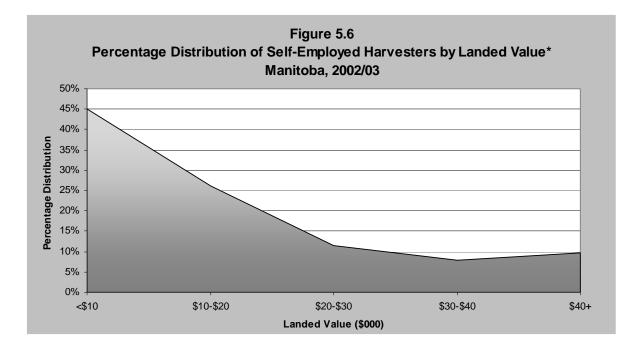
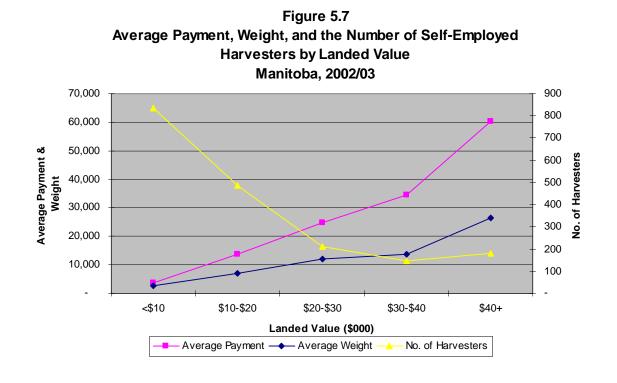


Table 5.3 Number of Self-Employed Harvesters by Season Fished Manitoba, 2002/03

| Season | Self-Employed |
|--------------|---------------|
| Summer Only | 848 |
| Winter Only | 567 |
| Both Seasons | 443 |
| Total | 1,858 |





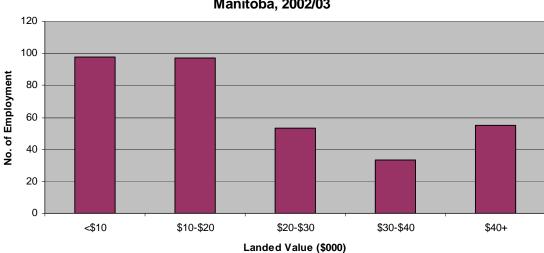


Figure 5.8 Number of Full-Time Equivalent Employment by Landed Value Manitoba, 2002/03

Table 5.4 Landings, Landed Value, Number of Full-Time Equivalent Employment and Fishing Effort by Landed Value Manitoba, 2002/03

| Landed Value | No. of | Full-Time | Averages Per Harvesters | | | | | |
|---------------------|------------|------------|-------------------------|-------|---------------|---------------|--|--|
| | Harvesters | Employment | Deliveries | Weeks | Weights (lb.) | Payments (\$) | | |
| \$0 - \$10,000 | 836 | 93 | 15 | 6 | 2,687 | 3,860 | | |
| \$10,001 - \$20,000 | 486 | 95 | 33 | 10 | 7,045 | 14,761 | | |
| \$20,001 - \$30,000 | 212 | 54 | 44 | 13 | 11,984 | 24,619 | | |
| \$30,001 - \$40,000 | 145 | 43 | 47 | 12 | 13,569 | 34,533 | | |
| \$40,001+ | 179 | 52 | 62 | 16 | 26,431 | 60,206 | | |

Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to harvesters upon delivery.

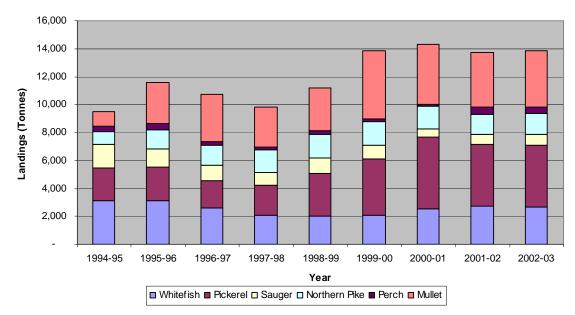
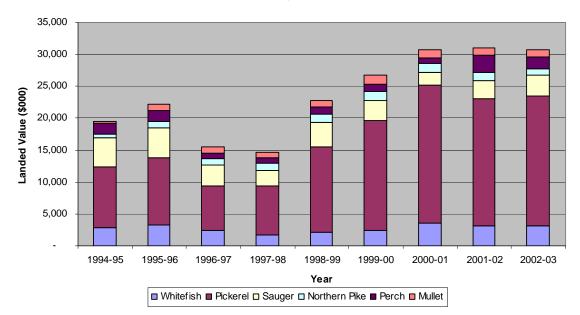


Figure 5.9 Landings Trend by Major Species Manitoba, 1994 – 2002

Figure 5.10 Landed Value Trend by Major Species Manitoba, 1994 – 2002



| Table 5.5 |
|--|
| Landings and Landed Value Trend by Species |
| Manitoba, 1994 - 2002 |

| Species | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | - | | | - | _ | | - | | |
| Whitefish | 3,120 | 3,126 | 2,615 | 2,079 | 1,993 | 2,066 | 2,526 | 2,713 | 2,692 |
| % Change | | 0.2% | -16.3% | -20.5% | -4.1% | 3.7% | 22.3% | 7.4% | -0.8% |
| % of Total Landings | 30.9% | 25.6% | 22.6% | 19.9% | 16.9% | 14.1% | 16.8% | 18.8% | 18.1% |
| Pickerel | 2,370 | 2,381 | 1,963 | 2,119 | 3,080 | 4,021 | 5,156 | 4,444 | 4,422 |
| % Change | | 0.5% | -17.6% | 7.9% | 45.4% | 30.6% | 28.2% | -13.8% | -0.5% |
| % of Total Landings | 23.5% | 19.5% | 16.9% | 20.3% | 26.1% | 27.5% | 34.3% | 30.8% | 29.7% |
| Sauger | 1,692 | 1,318 | 1,098 | 968 | 1,126 | 1,011 | 584 | 687 | 781 |
| % Change | | -22.1% | -16.7% | -11.8% | 16.3% | -10.2% | -42.2% | 17.6% | 13.7% |
| % of Total Landings | 16.8% | 10.8% | 9.5% | 9.3% | 9.5% | 6.9% | 3.9% | 4.8% | 5.2% |
| Northern Pike | 890 | 1,342 | 1,414 | 1,568 | 1,677 | 1,670 | 1,613 | 1,446 | 1,478 |
| % Change | | 50.8% | 5.4% | 10.9% | 7.0% | -0.4% | -3.4% | -10.4% | 2.2% |
| % of Total Landings | 8.8% | 11.0% | 12.2% | 15.0% | 14.2% | 11.4% | 10.7% | 10.0% | 9.9% |
| Perch | 382 | 502 | 277 | 229 | 246 | 225 | 160 | 562 | 478 |
| % Change | | 31.4% | -44.8% | -17.3% | 7.4% | -8.5% | -28.9% | 251.3% | -14.9% |
| % of Total Landings | 3.8% | 4.1% | 2.4% | 2.2% | 2.1% | 1.5% | 1.1% | 3.9% | 3.2% |
| Mullet | 1,036 | 2,891 | 3,397 | 2,828 | 3,079 | 4,881 | 4,245 | 3,857 | 3,992 |
| % Change | | 179.1% | 17.5% | -16.8% | 8.9% | 58.5% | -13.0% | -9.1% | 3.5% |
| % of Total Landings | 10.3% | 23.6% | 29.3% | 27.1% | 26.1% | 33.4% | 28.3% | 26.8% | 26.8% |
| Others* | 596 | 672 | 831 | 648 | 609 | 758 | 732 | 705 | 1,059 |
| % Change | | 12.8% | 23.7% | -22.0% | -6.0% | 24.5% | -3.4% | -3.7% | 50.2% |
| % of Total Landings | 5.9% | 5.5% | 7.2% | 6.2% | 5.2% | 5.2% | 4.9% | 4.9% | 7.1% |
| Total | 10,086 | 12,232 | 11,595 | 10,439 | 11,810 | 14,632 | 15,016 | 14,414 | 14,903 |
| % Change | | 21.3% | -5.2% | -10.0% | 13.1% | 23.9% | 2.6% | -4.0% | 3.4% |
| Landed Value (\$000) | - | | | | | - | | | |
| Whitefish | 2,898 | 3,220 | 2,439 | 1,714 | 2,108 | 2,396 | 3,585 | 3,135 | 3,103 |
| % Change | | 11.1% | -24.3% | -29.7% | 23.0% | 13.7% | 49.6% | -12.6% | -1.0% |
| Pickerel | 9,426 | 10,598 | 6,977 | 7,656 | 13,375 | 17,182 | 21,641 | 19,859 | 20,438 |
| % Change | | 12.4% | -34.2% | 9.7% | 74.7% | 28.5% | 26.0% | -8.2% | 2.9% |
| Sauger | 4,570 | 4,642 | 3,179 | 2,504 | 3,807 | 3,152 | 1,990 | 2,949 | 3,146 |
| % Change | | 1.6% | -31.5% | -21.2% | 52.0% | -17.2% | -36.9% | 48.2% | 6.7% |
| Northern Pike | 625 | 997 | 1,007 | 1,104 | 1,393 | 1,427 | 1,414 | 1,180 | 1,117 |
| % Change | | 59.5% | 1.0% | 9.6% | 26.2% | 2.4% | -0.9% | -16.5% | -5.3% |
| Perch | 1,649 | 1,790 | 895 | 877 | 1,142 | 1,119 | 886 | 2,761 | 1,820 |
| % Change | | 8.6% | -50.0% | -2.0% | 30.2% | -2.0% | -20.8% | 211.6% | -34.1% |
| Mullet | 370 | 926 | 1,015 | 780 | 929 | 1,451 | 1,284 | 1,115 | 1,140 |
| % Change | | 150.3% | 9.6% | -23.2% | 19.1% | 56.2% | -11.5% | -13.2% | 2.2% |
| Others* | 309 | 392 | 453 | 409 | 406 | 435 | 499 | 548 | 632 |
| % Change | | 26.9% | 15.6% | -9.7% | -0.7% | 7.1% | 14.7% | 9.8% | 15.3% |
| Total | 19,847 | 22,565 | 15,965 | 15,044 | 23,160 | 27,162 | 31,299 | 31,547 | 31,396 |
| % Change | | 13.7% | -29.3% | -5.8% | 54.0% | 17.3% | 15.2% | 0.8% | -0.5% |

Note: * Includes drum, carp, goldeye, white bass, whitefish roe, lake trout, and tullibee.

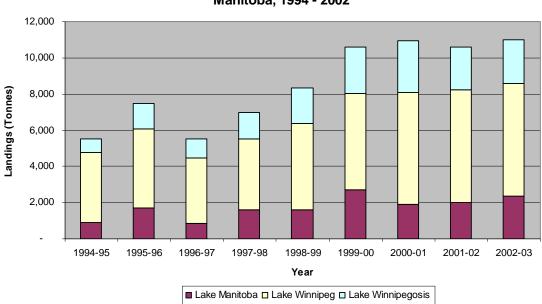
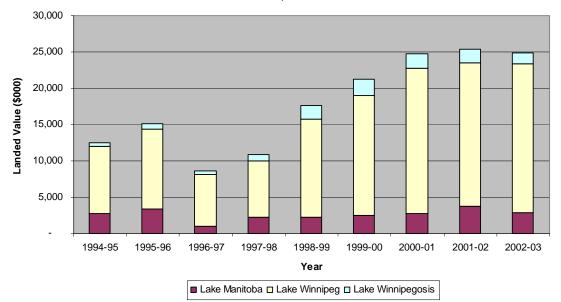


Figure 5.11 Landings by Major Lakes Manitoba, 1994 - 2002

Figure 5.12 Landed Value by Major Lakes Manitoba, 1994 - 2002



| Table 5.6 |
|--|
| Landings and Landed Value by Major Lakes |
| Manitoba, 1994 - 2002 |

| Major Lakes | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | | | | | | | | | |
| Lake Manitoba | 887 | 1,688 | 873 | 1,602 | 1,594 | 2,715 | 1,916 | 2,004 | 2,363 |
| % Change | | 90.3% | -48.3% | 83.5% | 364.7% | 70.3% | -29.4% | 4.6% | 17.9% |
| Lake Winnipeg | 3,882 | 4,387 | 3,611 | 3,907 | 4,761 | 5,334 | 6,174 | 6,213 | 6,200 |
| % Change | | 13.0% | -17.7% | 8.2% | 197.2% | 12.0% | 15.7% | 0.6% | -0.2% |
| Lake Winnipegosis | 779 | 1,409 | 1,025 | 1,458 | 1,991 | 2,558 | 2,847 | 2,366 | 2,444 |
| % Change | | 80.9% | -27.3% | 42.2% | -49.0% | 28.5% | 11.3% | -16.9% | 3.3% |
| Total | 5,548 | 7,484 | 5,509 | 6,967 | 8,346 | 10,607 | 10,937 | 10,583 | 11,007 |
| % Change | | 34.9% | -26.4% | 26.5% | 42.6% | 27.1% | 3.1% | -3.2% | 4.0% |
| % of Total Landings | 55.0% | 61.2% | 47.5% | 66.7% | 70.7% | 72.5% | 72.8% | 73.4% | 73.9% |
| Total Landings* | 10,086 | 12,231 | 11,594 | 10,439 | 11,811 | 14,635 | 15,016 | 14,413 | 14,903 |
| Landed Value (\$000) | | | | | | | | | |
| Lake Manitoba | 2,782 | 3,354 | 977 | 2,237 | 2,273 | 2,559 | 2,719 | 3,749 | 2,913 |
| % Change | | 20.6% | -70.9% | 129.0% | 681.1% | 12.6% | 6.3% | 37.9% | -22.3% |
| Lake Winnipeg | 9,246 | 11,017 | 7,202 | 7,784 | 13,510 | 16,487 | 19,982 | 19,805 | 20,479 |
| % Change | | 19.2% | -34.6% | 8.1% | 503.9% | 22.0% | 21.2% | -0.9% | 3.4% |
| Lake Winnipegosis | 448 | 699 | 435 | 832 | 1,899 | 2,250 | 2,077 | 1,837 | 1,431 |
| % Change | | 56.0% | -37.8% | 91.3% | -75.6% | 18.5% | -7.7% | -11.6% | -22.1% |
| Total | 12,476 | 15,070 | 8,614 | 10,853 | 17,682 | 21,296 | 24,778 | 25,391 | 24,823 |
| % Change | | 20.8% | -42.8% | 26.0% | 71.5% | 20.4% | 16.4% | 2.5% | -2.2% |
| % of Total Landed Value | 62.9% | 66.8% | 54.0% | 72.1% | 76.3% | 78.4% | 79.2% | 80.5% | 79.1% |
| Total Landed Value** | 19,847 | 22,564 | 15,966 | 15,045 | 23,160 | 27,161 | 31,298 | 31,547 | 31,397 |

Notes: * Total landings in all lakes in Manitoba; ** Total landed values of landings in all lakes in Manitoba.

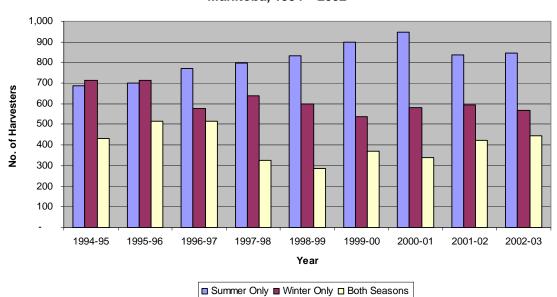


Figure 5.13 Estimated Number of Self-Employed Harvesters Manitoba, 1994 – 2002

Table 5.7

Number of Self-Employed Harvesters Trend by Season Fished Manitoba, 1994 - 2002

| Season | 1994-95 | 1995-96 | 1996-97 | - 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|--------------|---------|---------|---------|--------------|---------|---------|---------|---------|---------|
| Summer Only | 687 | 702 | 770 | 798 | 834 | 900 | 948 | 838 | 848 |
| % Change | | 2.2% | 9.7% | 3.6% | 4.5% | 7.9% | 5.3% | -11.6% | 1.2% |
| Winter Only | 715 | 715 | 577 | 638 | 601 | 536 | 582 | 593 | 567 |
| % Change | | 0.0% | -19.3% | 10.6% | -5.8% | -10.8% | 8.6% | 1.9% | -4.4% |
| Both Seasons | 433 | 517 | 515 | 326 | 288 | 369 | 339 | 424 | 443 |
| % Change | | 19.4% | -0.4% | -36.7% | -11.7% | 28.1% | -8.1% | 25.1% | 4.5% |
| Total | 1,835 | 1,934 | 1,862 | 1,762 | 1,723 | 1,805 | 1,869 | 1,855 | 1,858 |
| % Change | | 5.4% | -3.7% | -5.4% | -2.2% | 4.8% | 3.6% | -0.8% | 0.2% |

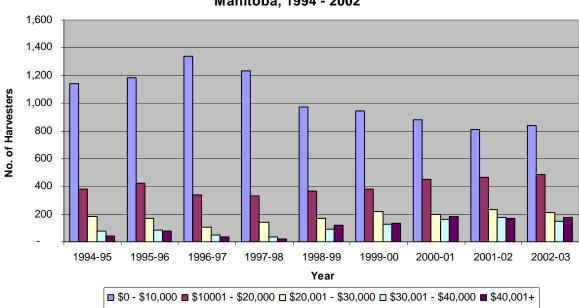


Figure 5.14 Number of Self-Employed Harvesters by Landed Value Manitoba, 1994 - 2002

Table 5.8Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value
Manitoba, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|------------------------|------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Average Payment (\$) | - | = | | | | = | | | |
| \$0 - \$10,000 | 3,663 | 3,980 | 3,668 | 3,546 | 3,827 | 3,926 | 3,684 | 3,532 | 3,860 |
| \$10,001 - \$20,000 | 14,562 | 14,269 | 14,027 | 13,939 | 14,058 | 14,598 | 14,856 | 14,753 | 14,761 |
| \$20,001 - \$30,000 | 24,064 | 24,363 | 23,647 | 23,445 | 24,803 | 24,603 | 25,283 | 24,733 | 24,619 |
| \$30,001 - \$40,000 | 34,698 | 34,099 | 34,997 | 34,090 | 33,818 | 34,399 | 33,870 | 34,298 | 34,533 |
| \$40,001+ | 64,877 | 63,692 | 66,328 | 66,595 | 57,876 | 60,519 | 60,611 | 59,344 | 60,206 |
| Average Weight (t) | | | | | | | | | |
| \$0 - \$10,000 | 1,823 | 2,220 | 2,493 | 2,912 | 3,059 | 3,043 | 2,870 | 2,523 | 2,687 |
| \$10,001 - \$20,000 | 6,045 | 3,130 | 7,826 | 9,654 | 8,038 | 8,119 | 7,428 | 7,308 | 7,045 |
| \$20,001 - \$30,000 | 9,719 | 9,506 | 11,742 | 13,473 | 11,261 | 11,661 | 11,857 | 10,791 | 11,984 |
| \$30,001 - \$40,000 | 13,571 | 14,188 | 16,391 | 18,830 | 13,084 | 15,142 | 11,906 | 12,675 | 13,569 |
| \$40,001+ | 29,383 | 25,644 | 36,911 | 46,574 | 27,304 | 31,136 | 27,151 | 24,980 | 26,431 |
| No. of Self-Employed H | larvesters | | | | | | | | |
| \$0 - \$10,000 | 1,142 | 1,184 | 1,336 | 1,232 | 974 | 945 | 882 | 811 | 836 |
| \$10,001 - \$20,000 | 384 | 421 | 339 | 331 | 366 | 380 | 448 | 468 | 486 |
| \$20,001 - \$30,000 | 186 | 167 | 109 | 141 | 172 | 220 | 197 | 233 | 212 |
| \$30,001 - \$40,000 | 79 | 85 | 46 | 34 | 91 | 124 | 161 | 173 | 145 |
| \$40,001+ | 44 | 77 | 32 | 21 | 120 | 136 | 181 | 170 | 179 |
| Total | - 1,835 | 1,934 | 1,862 | 1,759 | 1,723 | 1,805 | 1,869 | 1,855 | 1,858 |
| % Change | | 5.4% | -3.7% | -5.5% | -2.1% | 4.8% | 3.6% | -0.8% | 0.2% |

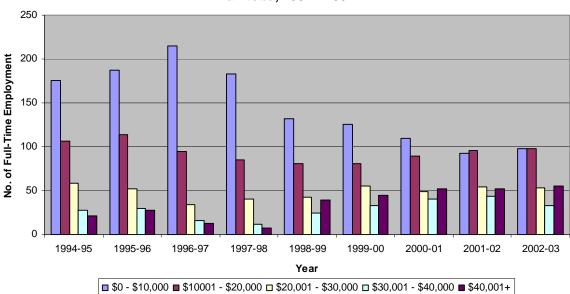


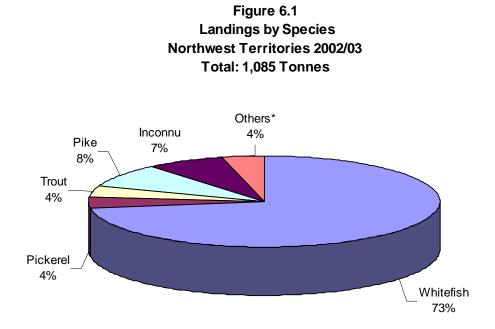
Figure 5.15 Number of Full-Time Equivalent Employment Trend by Landed Value Manitoba, 1994 - 2002

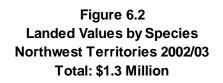
Table 5.9 Number of Full-Time Equivalent Employment Trend by Landed Value Manitoba, 1994 - 2002

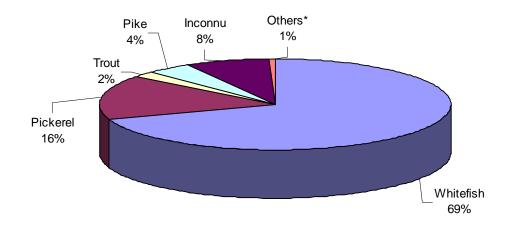
| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$0-\$10,000 | 176 | 187 | 215 | 183 | 132 | 126 | 109 | 93 | 98 |
| \$10,001-\$20,000 | 106 | 114 | 95 | 85 | 81 | 80 | 89 | 95 | 97 |
| \$20,001-\$30,000 | 58 | 52 | 34 | 41 | 43 | 55 | 49 | 54 | 53 |
| \$30,001-\$40,000 | 28 | 29 | 16 | 12 | 25 | 33 | 40 | 43 | 33 |
| \$40,001+ | 21 | 28 | 12 | 7 | 39 | 44 | 52 | 52 | 55 |
| Total | 390 | 410 | 372 | 327 | 319 | 339 | 340 | 338 | 337 |
| % Change | | 5.3% | -9.4% | -12.0% | -2.5% | 6.2% | 0.3% | -0.8% | -0.2% |

Section 6:

Northwest Territories







Note: * Includes Burbot, goldeye, mullet, and tullibee.

| Table 6.1 |
|---|
| Landings, Landed and Market Values by Species |
| Northwest Territories, 2002/03 |

| Species | Landings (t) | Landed Value (\$000) | Market Value (\$000) |
|---------------|-----------------|-------------------------|-------------------------|
| Whitefish | 787 | 925 | 1,589 |
| Pickerel | 46 | 210 | 276 |
| Lake Trout | 40 | 24 | 70 |
| Northern Pike | 92 | 56 | 169 |
| Inconnu | 77 | 101 | 92 |
| Others* | 44 | 9 | 21 |
| Total | 1,085 | 1,324 | 2,217 |

Note: * Includes Burbot, goldeye, mullet, and tullibee.

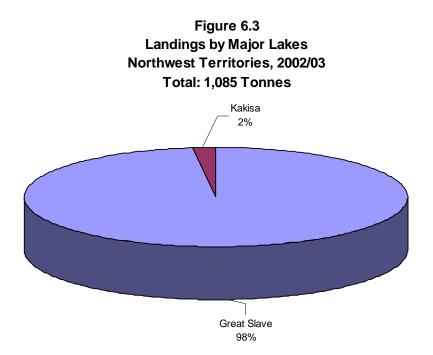
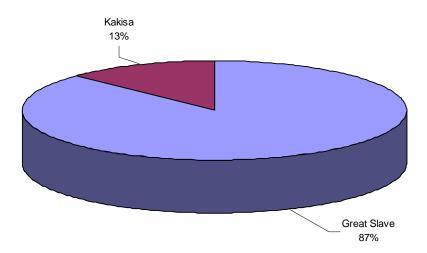


Figure 6.4 Landed Value by Major Lakes Northwest Territories 2002/03 Total: \$1.3 Million



76

| | | Major | | | | | |
|---------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|--|
| | Great | Slave | Kak | kisa | NWT | | |
| | | Landed | | Landed | | Landed | |
| Species | Landings (t) | Value (\$000) | Landings (t) | Value (\$000) | Landings (t) | Value (\$000) | |
| • | 17 | | 17 | (\$000) | 17 | | |
| Whitefish | 787 | 925 | 0 | 0 | 787 | 925 | |
| Pickerel | 27 | 125 | 18 | 85 | 46 | 210 | |
| Lake Trout | 40 | 24 | 0 | 0 | 40 | 24 | |
| Northern Pike | 90 | 55 | 1 | 1 | 92 | 56 | |
| Inconnu | 77 | 101 | 0 | 0 | 77 | 101 | |
| Others* | 43 | 9 | 0 | 0 | 43 | 9 | |
| Total | 1,065 | 1,239 | 20 | 85 | 1,085 | 1,324 | |

Table 6.2 Landings and Landed Value by Species and Major Lakes Northwest Territories, 2002/03

Note: Includes * Burbot, goldeye, mullet, tullibee.

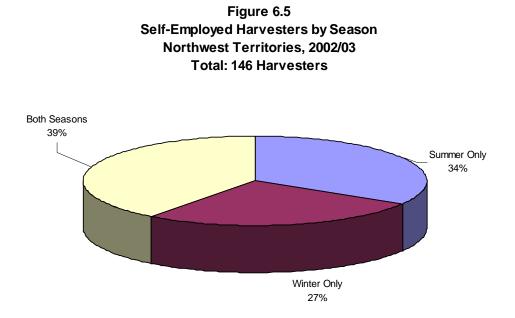
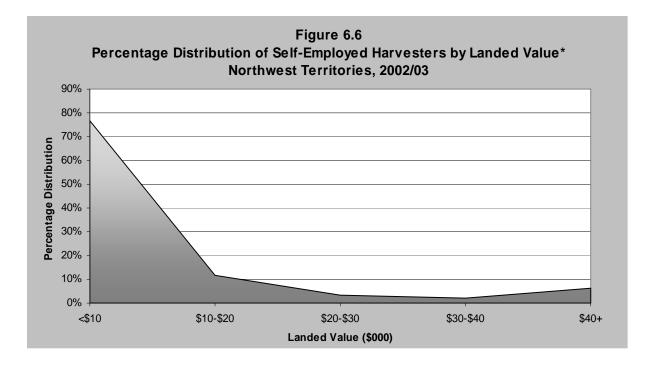
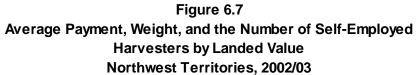
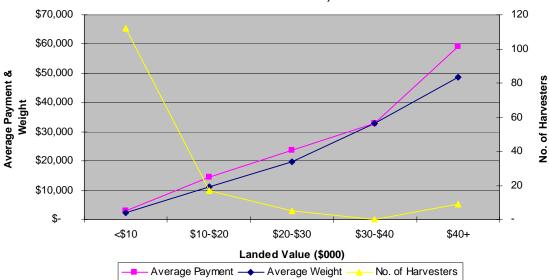


Table 6.3 Number of Self-Employed Harvesters by Season Fished Northwest Territories, 2002/03

| Season | Self-Employed |
|--------------|---------------|
| Summer Only | 49 |
| Winter Only | 39 |
| Both Seasons | 58 |
| Total | 146 |







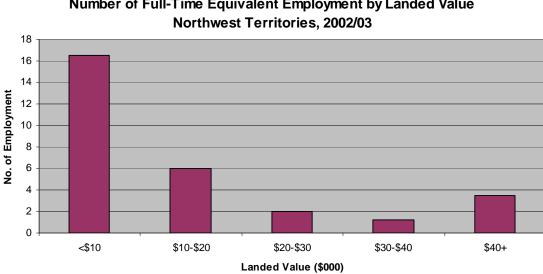


Figure 6.8 Number of Full-Time Equivalent Employment by Landed Value

Table 6.4 Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value Northwest Territories, 2002/03

| Landed Value | No. of | Full-Time | | Averages | Per Harvesters | ; |
|---------------------|------------|------------|------------|----------|----------------|---------------|
| | Harvesters | Employment | Deliveries | Weeks | Weights (lb.) | Payments (\$) |
| \$0 - \$10,000 | 112 | 19 | 23 | 8 | 2,364 | 2,948 |
| \$10,001 - \$20,000 | 17 | 5 | 51 | 18 | 11,025 | 14,397 |
| \$20,001 - \$30,000 | 5 | <4 | 49 | 21 | 19,620 | 23,762 |
| \$30,001 - \$40,000 | <4 | <4 | 73 | 21 | 32,974 | 32,891 |
| \$40,001+ | 9 | 4 | 70 | 20 | 48,555 | 59,277 |

Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to harvesters upon delivery.

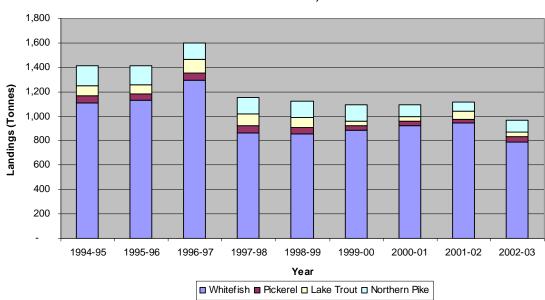
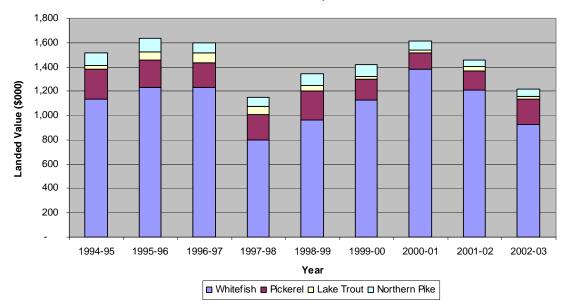


Figure 6.9 Landings Trend by Major Species Northwest Territories, 1994 - 2002

Figure 6.10 Landed Value Trend by Major Species Northwest Territories, 1994 - 2002



| Table 6.5 |
|--|
| Landings and Landed Value Trend by Species |
| Northwest Territories, 1994 - 2002 |

| Species | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | | | | | | _ | _ | - | |
| Whitefish | 1,108 | 1,131 | 1,297 | 865 | 856 | 888 | 924 | 941 | 787 |
| % Change | | 2.1% | 14.7% | -33.3% | -1.0% | 3.7% | 4.1% | 1.8% | -16.4% |
| % of Total Landings | 70.1% | 69.6% | 69.5% | 69.0% | 65.7% | 71.3% | 76.9% | 81.0% | 72.5% |
| Pickerel | 59 | 50 | 57 | 57 | 49 | 38 | 32 | 36 | 46 |
| % Change | | -15.3% | 14.0% | 0.0% | -14.0% | -22.4% | -15.8% | 12.5% | 27.8% |
| % of Total Landings | 3.7% | 3.1% | 3.1% | 4.5% | 3.8% | 3.0% | 2.7% | 3.1% | 4.2% |
| Lake Trout | 81 | 78 | 112 | 99 | 85 | 37 | 39 | 64 | 40 |
| % Change | | -3.7% | 43.6% | -11.6% | -14.1% | -56.5% | 5.4% | 64.1% | -37.5% |
| % of Total Landings | 5.1% | 4.8% | 6.0% | 7.9% | 6.5% | 3.0% | 3.2% | 5.5% | 3.7% |
| Northern Pike | 162 | 156 | 136 | 132 | 135 | 133 | 98 | 71 | 92 |
| % Change | | -3.7% | -12.8% | -2.9% | 2.3% | -1.5% | -26.3% | -27.6% | 29.6% |
| % of Total Landings | 10.3% | 9.6% | 7.3% | 10.5% | 10.4% | 10.7% | 8.2% | 6.1% | 8.5% |
| Inconnu | 37 | 49 | 65 | 43 | 27 | 40 | 29 | 43 | 77 |
| % Change | | 32.4% | 32.7% | -33.8% | -37.2% | 48.1% | -27.5% | 48.3% | 79.1% |
| % of Total Landings | 2.3% | 3.0% | 3.5% | 3.4% | 2.1% | 3.2% | 2.4% | 3.7% | 7.1% |
| Goldeye | 133 | 160 | 199 | 58 | 150 | 110 | 79 | 7 | 44 |
| % Change | | 20.3% | 24.4% | -70.9% | 158.6% | -26.7% | -28.2% | -91.1% | 528.6% |
| % of Total Landings | 8.4% | 9.9% | 10.7% | 4.6% | 11.5% | 8.8% | 6.6% | 0.6% | 4.1% |
| Total | 1,580 | 1,624 | 1,866 | 1,254 | 1,302 | 1,246 | 1,201 | 1,162 | 1,086 |
| % Change | | 2.8% | 14.9% | -32.8% | 3.8% | -4.3% | -3.6% | -3.3% | -6.5% |
| Landed Value (\$000) | - | - | | | | _ | | | |
| Whitefish | 1,135 | 1,232 | 1,230 | 796 | 963 | 1,127 | 1,379 | 1,209 | 925 |
| % Change | | 8.5% | -0.2% | -35.3% | 21.0% | 17.0% | 22.4% | -12.3% | -23.5% |
| Pickerel | 246 | 227 | 207 | 211 | 236 | 170 | 134 | 159 | 210 |
| % Change | | -7.7% | -8.8% | 1.9% | 11.8% | -28.0% | -21.2% | 18.7% | 32.1% |
| Lake Trout | 31 | 68 | 79 | 65 | 48 | 24 | 24 | 39 | 24 |
| % Change | | 119.4% | 16.2% | -17.7% | -26.2% | -50.0% | 0.0% | 62.5% | -38.5% |
| Northern Pike | 106 | 108 | 79 | 81 | 101 | 97 | 73 | 49 | 56 |
| % Change | | 1.9% | -26.9% | 2.5% | 24.7% | -4.0% | -24.7% | -32.9% | 14.3% |
| Inconnu | 93 | 102 | 112 | 73 | 34 | 56 | 44 | 61 | 101 |
| % Change | | 9.7% | 9.8% | -34.8% | -53.4% | 64.7% | -21.4% | 38.6% | 65.6% |
| Goldeye | 357 | 435 | 304 | 17 | 66 | 51 | 22 | 1 | 9 |
| % Change | | 21.8% | -30.1% | -94.4% | 288.2% | -22.7% | -56.9% | -95.5% | 800.0% |
| Total | 1,968 | 2,172 | 2,011 | 1,243 | 1,448 | 1,525 | 1,676 | 1,518 | 1,325 |
| % Change | | 10.4% | -7.4% | -38.2% | 16.5% | 5.3% | 9.9% | -9.4% | -12.7% |

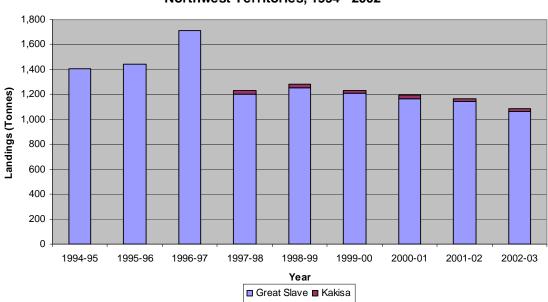
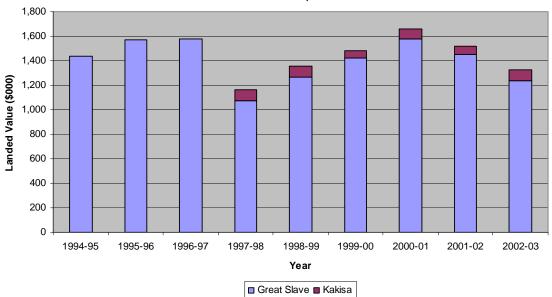


Figure 6.11 Landings Trend by Major Lakes Northwest Territories, 1994 - 2002

Figure 6.12 Landed Value Trend by Major Lakes Northwest Territories, 1994 - 2002



| Major Lakes | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Landings (t) | - | - | | - | | - | - | - | |
| Great Slave | 1,410 | 1,446 | 1,712 | 1,201 | 1,257 | 1,212 | 1,169 | 1,146 | 1,065 |
| % Change | | 2.6% | 18.4% | -29.8% | 4.7% | -3.6% | -3.5% | -2.0% | -7.1% |
| Kakisa | | | | 29 | 25 | 22 | 25 | 17 | 20 |
| % Change | | | | | -13.8% | -12.0% | 13.6% | -32.0% | 17.6% |
| Total | 1,410 | 1,446 | 1,712 | 1,230 | 1,282 | 1,234 | 1,194 | 1,163 | 1,085 |
| % Change | | 2.6% | 18.4% | -28.2% | 4.2% | -3.7% | -3.2% | -2.6% | -6.7% |
| % of Total Landings | 89.2% | 89.0% | 91.7% | 98.1% | 98.5% | 99.0% | 99.4% | 100.1% | 99.9% |
| Total Landings* | 1,580 | 1,624 | 1,866 | 1,254 | 1,302 | 1,246 | 1,201 | 1,162 | 1,086 |
| Landed Value (\$000) | | | | | | | | | |
| Great Slave | 1,437 | 1,567 | 1,577 | 1,071 | 1,270 | 1,422 | 1,576 | 1,453 | 1,239 |
| % Change | | | 0.6% | -32.1% | 18.6% | 12.0% | 10.8% | -7.8% | -14.7% |
| Kakisa | | | | 89 | 82 | 63 | 83 | 65 | 85 |
| % Change | | | | | -7.9% | -23.2% | 31.7% | -21.7% | 30.8% |
| Total | 1,437 | 1,567 | 1,577 | 1,160 | 1,352 | 1,485 | 1,659 | 1,518 | 1,324 |
| % Change | | 9.1% | 0.6% | -26.4% | 16.6% | 9.8% | 11.7% | -8.5% | -12.8% |
| % of Total Landed Value | 73.0% | 72.1% | 78.4% | 93.3% | 93.4% | 97.4% | 99.0% | 100.0% | 99.9% |
| Total Landed Value** | 1,968 | 2,172 | 2,011 | 1,243 | 1,448 | 1,525 | 1,676 | 1,518 | 1,325 |

Table 6.6 Landings and Landed Value by Major Lakes Northwest Territories, 1994 - 2002

Notes: * Total landings in all lakes in Northwest Territories; ** Total landed values of landings in all lakes in Northwest Territories.

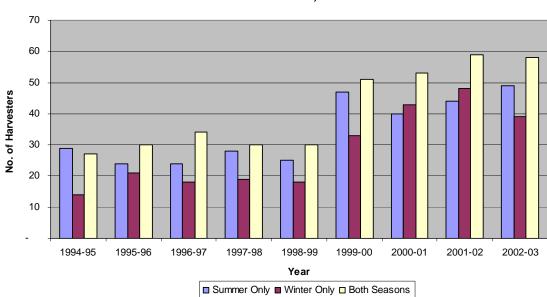


Figure 6.13 Number of Self-Employed Harvesters Trend by Season Northwest Territories, 1994 - 2002

Table 6.7 Number of Self-Employed Harvesters Trend by Season Fished Northwest Territories, 1994 - 2002

| Season | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Summer Only | 29 | 24 | 24 | 28 | 25 | 47 | 40 | 44 | 49 |
| % Change | | -17.2% | 0.0% | 16.7% | -10.7% | 88.0% | -14.9% | 10.0% | 11.4% |
| Winter Only | 14 | 21 | 18 | 19 | 18 | 33 | 43 | 48 | 39 |
| % Change | | 50.0% | -14.3% | 5.6% | -5.3% | 83.3% | 30.3% | 11.6% | -18.8% |
| Both Seasons | 27 | 30 | 34 | 30 | 30 | 51 | 53 | 59 | 58 |
| % Change | | 11.1% | 13.3% | -11.8% | 0.0% | 70.0% | 3.9% | 11.3% | -1.7% |
| Total | 70 | 75 | 76 | 77 | 73 | 133 | 136 | 151 | 146 |
| % Change | | 7.6% | 0.7% | 1.8% | -5.7% | 82.2% | 2.6% | 11.1% | -3.5% |

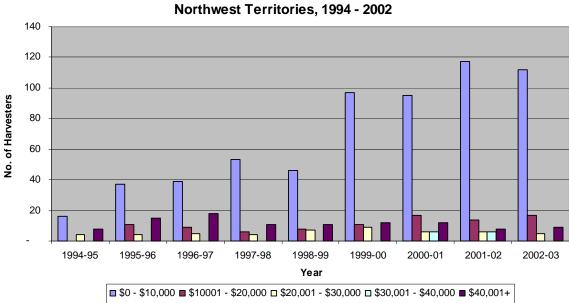


Figure 6.14 Number of Self-Employed Harvesters Trend by Landed Value Northwest Territories, 1994 - 2002

Table 6.8 Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value Range Northwest Territories, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Average Payment (\$) | | | | | | | | | |
| \$0-\$10,000 | 2,225 | 2,549 | 2,823 | 2,614 | 2,847 | 3,034 | 3,183 | 2,950 | 2,948 |
| \$10,001-\$20,000 | 14,156 | 14,136 | 13,520 | 13,286 | 13,960 | 13,934 | 14,131 | 15,201 | 14,397 |
| \$20,001-\$30,000 | 24,459 | 23,817 | 25,894 | 25,030 | 26,505 | 25,695 | 24,711 | 24,709 | 23,762 |
| \$30,001-\$40,000 | 33,920 | 35,933 | 37,853 | 32,473 | 35,308 | 34,416 | 35,492 | 35,413 | 32,891 |
| \$40,001+ | 65,907 | 87,154 | 83,011 | 75,062 | 89,477 | 64,755 | 64,412 | 75,194 | 59,277 |
| Average Weight (t) | | | | | | - | | | |
| \$0-\$10,000 | 1,338 | 1,749 | 2,212 | 2,733 | 2,641 | 2,339 | 2,059 | 2,124 | 2,364 |
| \$10,001-\$20,000 | 9,192 | 10,006 | 12,260 | 13,172 | 11,769 | 10,666 | 9,278 | 11,151 | 11,025 |
| \$20,001-\$30,000 | 14,270 | 20,233 | 16,324 | 22,830 | 19,640 | 22,184 | 17,411 | 19,770 | 19,620 |
| \$30,001-\$40,000 | 21,895 | 17,193 | 29,446 | 40,432 | 50,901 | 25,415 | 27,132 | 25,054 | 32,974 |
| \$40,001+ | 34,098 | 60,123 | 70,173 | 74,267 | 81,752 | 54,216 | 48,298 | 61,809 | 48,555 |
| No. of Self-Employed H | arvesters | | | | | | | | |
| \$0-\$10,000 | 24 | 43 | 45 | 53 | 46 | 97 | 95 | 117 | 112 |
| \$10,001-\$20,000 | 6 | 11 | 9 | 6 | 8 | 11 | 17 | 14 | 17 |
| \$20,001-\$30,000 | 4 | 4 | 5 | 4 | 7 | 9 | 6 | 6 | 5 |
| \$30,001-\$40,000 | <4 | <4 | <4 | <4 | <4 | <4 | 6 | 6 | <4 |
| \$40,001+ | 8 | 15 | 18 | 11 | 11 | 12 | 12 | 8 | 9 |
| Total | 42 | 73 | 77 | 74 | 72 | 129 | 136 | 151 | 143 |
| % Change | | 73.8% | 5.5% | -3.9% | -2.7% | 79.2% | 5.4% | 11.0% | -5.3% |

Note: Total does not include the number for less than 4.

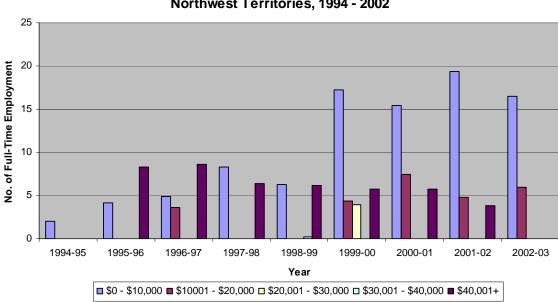


Figure 6.15 Number of Full-Time Equivalent Employment Trend by Landed Value Northwest Territories, 1994 - 2002

Table 6.9Number of Full-Time Equivalent Employment Trend by Landed Value
Northwest Territories, 1994 - 2002

| Landed Value | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$0-\$10,000 | <4 | 4 | 5 | 8 | 6 | 17 | 15 | 19 | 17 |
| \$10,001-\$20,000 | 0 | <4 | 4 | <4 | <4 | 4 | 8 | 5 | 6 |
| \$20,001-\$30,000 | <4 | <4 | <4 | <4 | <4 | 4 | <4 | <4 | <4 |
| \$30,001-\$40,000 | | | | <4 | 0 | <4 | <4 | <4 | <4 |
| \$40,001+ | <4 | 8 | 9 | 6 | 6 | 6 | 6 | 4 | <4 |
| Total | 0 | 12 | 17 | 15 | 13 | 31 | 29 | 28 | 23 |
| % Change | | | 38.1% | -14.9% | -13.3% | 147.9% | -8.6% | -2.3% | -19.6% |

Note: Total does not include the number for less than 4.

Annex: Western Canadian Freshwater Fisheries - List of Species

| Common Name | Genus Name |
|---------------|------------------------|
| Whitefish | Coregonus clupeaformis |
| Pickerel | Sander vitreus |
| Sauger | Sander canadensis |
| Lake Trout | Salvelinus namaycush |
| Northern Pike | Esox lucius |
| Tullibee | Coregonus artedii |
| Perch | Perca flavescens |
| Mullet | Catostomus commersonii |
| Carp | Cyprinus carpio |
| Inconnu | Stenodus leucichthys |
| Goldeye | Hiodon alosoides |
| White Bass | Morone chrysops |
| Burbot | Lota lota |
| Drum | Aplodinotus grunniens |

•