Annual Summary of Fish Harvesting Activities

**Western Canadian and Arctic Freshwater Fisheries** 

Volume 19

2000-2001

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

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#### 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, 2000 to April 30, 2001. 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 2000-2001

The following is a brief summary of key trends on commercial freshwater fish harvesting activity in FFMC participating jurisdictions for the fiscal year 2000-01. 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

- 22,157 metric tonnes (t) of fish were harvested. Landings are up by 2.6% from 1999-2000.
- The landed and market values of the harvest were \$40.7 million and \$65.0 million, respectively.
- Of the total landings of 22,157t, whitefish accounts for 29.2%, up from 25.9% in 1999-2000, pickerel accounts for 25.8%, up from 21.4% in 1999-2000, mullet accounts for 23.9% down from 27.5% in 1999-2000, and northern pike accounts for 11.8% down from 13.1% in 1999-2000.
- Of the major species, landings for whitefish, pickerel, and lake trout are up while those of mullet, northern pike and sauger are down in 2000-01 compared to the previous year.
- Of the total landings of 22,157t, Lake Winnipeg (6,174t) accounted for the largest volume distantly followed by Lake Winnipegosis (2,847t), Lake Manitoba (1,916t), and Great Slave (1,169t).
- The FFMC purchased catch from 2,766 self-employed harvesters in 2000-01 compared to 2,679 in 1999-2000, a rise of 3.3%. The increase in the number of self-employed harvesters in the landings ranges \$10001 \$20,000 and \$30,000+ are accounted for most of the increase.

#### Section 2: Analysis by Jurisdiction

• Manitoba harvesters caught 67.9% of the total harvest and received 77.2% of the landed value which can be attributed to the high value of pickerel. Saskatchewan harvesters caught 18.8% of the harvest and received 12.2% of the landed value.

Alberta caught 7.9% and received 6.5%. Northwest Territories caught 5.4% and received 4.1%.

• Of the total 2,750 harvesters, Manitoba has 1,869 (68.0%), Saskatchewan has 598 (21.7%), Alberta has 147 (5.3%) and Northwest Territories has 136 (4.9%).

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

#### Alberta:

- 1,739t of fish were harvested. Landings are down by 8.6% from 1999-2000.
- Except pickerel, landings for all species are down from the previous year. Whitefish landings, which accounts for 86.1% of provincial landings, are down by 2.5%.
- The landed and market values of the harvest are \$2.6 million and \$4.5 million, respectively. Total landed value is up by 6.8% from 1999-2000.
- Lesser Slave Lake accounted for the largest volume (43.4%) followed by Utikuma Lake (20.6%).
- There are 147 self-employed harvesters in 2000-01 down from 166 (11.5%) in 1999-2000. The decrease was caused by the fall in winter and both seasons harvesters.
- The number of self-employed summer season harvesters is up by 2.5% in 2000-01 while the number of self-employed winter season harvesters is down by 6.0%. The number of self-employed harvesters in both seasons is down by 27.1%.

#### Saskatchewan:

- 4,159t of fish were harvested. Landings are up by 10.6% from 1999-2000.
- Except for northern pike and pickerel, landings for all major species are down in 2000-01. Whitefish accounts for 35.9% of the total harvests, up from 29.2% in 1999-2000, followed by mullet at 24.7%, down from 26.3% in 1999-2000.
- The landed and market values of the harvest are \$5.0 million and \$8.1 million, respectively. The total landed value is down by 6.4% in 2000-01.
- Ile-a-la Crosse accounted for the largest volume (9.9% of 4,158t) followed by Reindeer (9.7% of 4,158t).

• The number of self-employed harvesters is up from 561 in 1999-2000 to 598 in 2000-01. The number of self-employed summer and winter seasons' harvesters rose by 8.2% and 7.0% in 2000-01, respectively. The number of self-employed harvesters who worked both summer and winter fell by 4.7%.

#### Manitoba:

- 15,016t of fish were harvested. Landings are up by 2.6% from 1999-2000.
- Expect for pickerel, which accounts for 41.8% of the total harvests, landings fell for all other major species from 1999-2000. Pickerel landings are up by 2.2% in 2000-01, and whitefish landings, which accounts for 22.2%, are down by 8.4% in 2000-01.
- The landed and market values of the harvest are \$31.3 million and \$49.0 million, respectively. Total landed value is down by 15.2% from the previous year mainly due to the fall in price.
- Lake Winnipeg accounts for most of the catch (41.1% of 15,016t) followed by the Lake Winnipegosis (19.0% of 15,016t).
- The number of self-employed harvesters is 1,869, up by 3.6% from the previous year. The number of self-employed summer and winter seasons' harvesters rose by 5.3% and 8.6% in 2000-01, respectively. The number of self-employed harvesters who worked both summer and winter fell by 8.1%.

#### Northwest Territories:

- 1,200t of fish were harvested. Landings are down by 3.6% from 1999-2000.
- Except for pickerel and lake trout, landings of all other species are down by 15.5% in 2000-01. Whitefish accounts for 77.8% of the total harvests 930t and is down by 11.3% in 2000-01. In contrast, pickerel and lake trout which account for 3.6% and 6.6% of 930t, respectively, are up by approximately 7% in 2000-01.
- The landed and market values of the harvest are \$1.7 million and \$3.3 million, respectively. The total landed value is up by 9.9% from 1999-2000.
- Great Slave Lake accounts for most for the landings (97.3% of 1,200t).
- The number of self-employed harvesters is down from 133 in 1999-2000 to 136 in 2000-01. The numbers of both self-employed winter season and both seasons harvesters are up by 30.3% and 3.9%, respectively, while the number of self-employed summer season harvesters is down by 14.9% in 2000-01.

## Annual Summary of Harvesting Activities: At a Glance

			Jurisdicti	on	
	Alberta	Saskatchewan	Manitoba	NWT	Total*
Landings (t)	1,739	4,159	15,016	1,200	22,157
% Change from 1999-2000	-8.6%	10.6%	2.6%	-3.6%	2.64%
Landed Value (\$000)	2,624	4,958	31,299	1,676	40,645
% Change from 1999-2000	6.9%	6.4%	15.2%	9.9%	13.20%
Self-Employed Harvesters	147	598	1,869	136	2,766
% Change from 1999-2000	-11.45%	6.60%	3.55%	2.59%	3.25%
Major Harvested Species	Whitefish, Pickerel, northern pike	Whitefish, mullet, Pickerel, northern pike, lake trout	Whitefish, Pickerel, sauger, northern pike,	Whitefish, Pickerel, lake trout, northern pike,	Whitefish, Pickerel, sauger, northern pike, mullet, lake trout
			perch, mullet	inconnu	

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:

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

<u>Fiscal Year</u>: 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, 2000-01 refers to the period May 1, 2000 to April 30, 2001. 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.

<u>Marketed Value</u>: 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.

<u>Nominal Dollars</u>: 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.

<u>Full Time Equivalent Employment:</u> 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**

Forv	vard	iii
High	nlights	iv
Glos	ssary of Terms	viii
	<b>SECTION 1: SUMMARY</b>	
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	0
1.5	Employment and Fishing Effort by Landed Values	8 10
1.6	Landings and Landed Values Trend by Major Western Canadian	10
1.0	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
	<b>SECTION 2: REGIONAL ANALYSIS</b>	
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
2.5	Landings and Landed Values Trend	24
2.6	Number of Self-Employed Harvesters Trend by Season Fished	26
2.7	Number of Full-Time Equivalent Employment Trend	27

## **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	
4.1	Landings, Landed and Market Values by Species	45
4.2	Landings and Landed Values by Species and Major Lakes	47
4.3	Number of Self-Employed Harvesters By Season Fished	48
4.4	Landings, Landed Values, Number of Full-Time Equivalent	
	Employment and Fishing Effort by Landed Values	50
4.5	Landings and Landed Values Trend by Species	
4.6	Landings and Landed Value Trend by Major Lakes	54
4.7	Number of Self-Employed Harvesters Trend By Season Fished	55
4.8	Average Payment, Weight and Total Number of Self-Employed	
	Harvesters Trend by Landed Values	56
4.9	Number of Full-Time Equivalent Employment Trend by Landed	
,	Values	57
		υ,
	SECTION 5: MANITOBA	
5.1	Landings, Landed and Market Values by Species	60
5.2	Landings and Landed Values by Species and Major Lakes	62
5.3	Number of Self-Employed Harvesters By Season Fished	63
5.4	Landings, Landed Values, Number of Full-Time Equivalent	
	Employment and Fishing Effort by Landed Values	65
5.5	Landings and Landed Values Trend by Species	67
5.6	Landings and Landed Value Trend by Major Lakes	69
5.7	Number of Self-Employed Harvesters Trend By Season Fished	70
5.8	Average Payment, Weight and Number of Self-Employed	
	Harvesters Trend by Landed Values	71
5.9	Number of Full-Time Equivalent Employment Trend by Landed	
	Values	72

### **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
	Number of Self-Employed Harvesters By Season Fished	
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

Figur	re	Page
1.1	Landings by Species	2
1.2	Landed Values by Species	
1.3	Landings by Major Lakes	
1.4	Landed Values by Major Lakes	
1.5	Self-Employed Harvesters by Season	
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	
1.10	Landed Values Trend by Major Species	
1.11	Landings Trend by Major Western Canadian Lakes	
1.12	Landed Values Trend by Major Western Canadian Lakes	
1.13	Number of Self-Employed Harvesters Trend by Season	
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	
2.3	Harvesters by Jurisdiction	
2.4	Harvesters by Season and Jurisdiction	
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	
2.8	•	
2.9	Landed Values Trend by Jurisdiction	
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	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
4.2	Landed Values by Species	44
4.3	Landings by Major Lakes	46
4.4	Landed Values by Major Lakes	46
4.5	Self-Employed Harvesters by Season	48
4.6	Percentage Distribution of Self-Employed Harvesters Based on	
	Landed Values	49
4.7	Average Payment, Weight, and the Number of Self-Employed	
	Harvesters by Landed Values	49
4.8	Number of Full-Time Equivalent Employment by Landed	
	Values	50
4.9	Landings Trend by Major Species	51
4.10	Landed Values Trend by Major Species	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	
	Landed Values	57
5.1	Landings by Species	59
5.2	Landings by Species  Landed Values by Species	59 59
5.3	Landings by Major Lakes	61
5.4	Landed Values by Major Lakes	61
5.5	Self-Employed Harvesters by Season	63
ر. ر	DOIT LIMPTOYOU HAI VOICID DY DOUDON	UJ

5.6	Percentage Distribution of Self-Employed Harvesters Based on	61
5.7	Landed Values	64
5.7	Harvesters by Landed Values	64
5.8	Number of Full-Time Equivalent Employment by Landed	04
5.0	Values	65
5.9	Landings Trend by Major Species	66
5.10	Landed Values Trend by Major Species	66
5.10	Landings Trend by Major Western Canadian Lakes	68
5.12	Landed Values Trend by Major Western Canadian Lakes	68
5.12	Number of Self-Employed Harvesters Trend by Season	70
5.13	Number of Self-Employed Harvesters Trend by Landed Values	71
5.14	Number of Full-Time Equivalent Employment Trend by	/ 1
5.15	Landed Values	72
	Landed values	12
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	70
0.0	Based on Landed Values	79
6.7	Average Payment, Weight, and the Number of Self-Employed	,,
0.7	Harvesters by Landed Values	79
6.8	Number of Full-Time Equivalent Employment by Landed	,,
0.0	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
Anne	ex ·	
West	ern Canadian Freshwater Fisheries - List of Species	88
	1	

## **Section 1:**

Western Canadian Freshwater Fisheries Summary

Figure 1.1 Landings by Species 2000/01 Total: 22,157 Tonnes

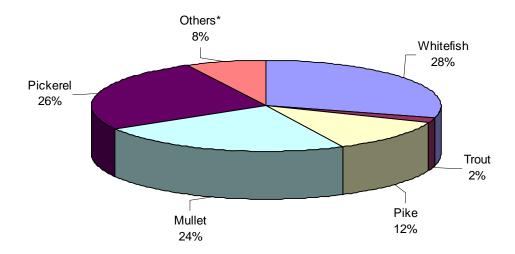
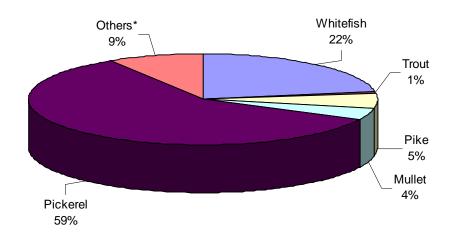


Figure 1.2 Landed Value by Species 2000/01 Total: \$40.6 Million



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, 2000/01

Species	Landings (t)	Landed Value (\$000)	Market Value (\$000)
Whitefish	6,459	9,005	15,400
Whitefish Roe	51	306	692
Pickerel	5,708	23,925	32,479
Sauger	585	1,993	2,931
Lake Trout	406	313	760
Northern Pike	2,621	2,223	5,583
Tullibee	220	144	457
Perch	160	887	1,059
Mullet	5,298	1,539	4,980
Carp	472	191	420
Inconnu	29	44	77
Goldeye	9	19	35
White Bass	29	21	50
Burbot	110	35	100
Total	22,157	40,645	65,023

Figure 1.3 Landings by Major Lakes 2000/01 Total: 13,676 Tonnes

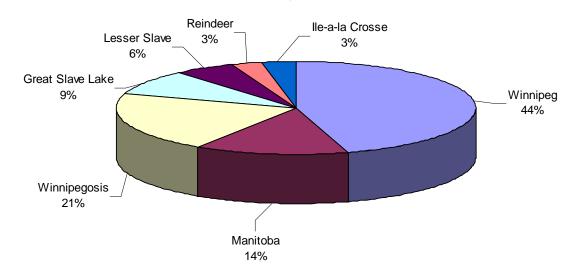


Figure 1.4 Landed Value by Major Lakes 2000/01 Total: \$27.7 Million

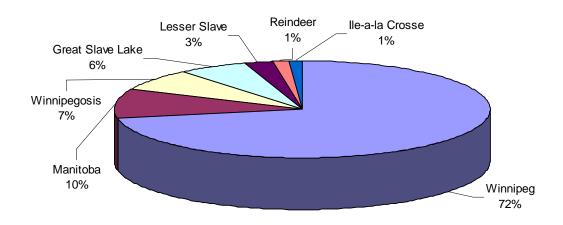


Table 1.2
Landings and Landed Value by Species and Major Western Canadian Lakes
Western Canadian Freshwater Fisheries, 2000/01

							Major L	akes						
	Winni	peg	Manit	toba	Winnipe	egosis	Great	Slave	Lesser	Slave	Reind	leer	lle-a-la C	Crosse
Species	Landings (t)	Landed Value (\$000)												
Whitefish	1,376	2,078	10	14	91	138	924	1,379	703	563	145	134	13	19
Pickerel	3,658	15,321	415	1,666	213	951	9	39	5	18	16	72	28	115
Sauger	543	1,851	27	92	0	1	0	0	0	0	0	0	0	0
Lake Trout	1	0	0	0	0	0	39	24	0	0	198	161	0	0
Northern Pike	132	115	76	67	306	272	90	68	17	21	26	21	124	98
Perch	62	344	86	476	4	17	0	0	0	0	0	0	0	0
Mullet	224	68	1,073	314	2,152	667	15	3	0	0	19	5	73	18
Carp	123	52	228	91	80	32	0	0	0	0	0	0	0	0
Others	56 <sup>⁴</sup>	152	0	0	0	0	91 <sup>2</sup>	63	26 <sup>3</sup>	109	<1	1	<14	1
Total	6,174	19,982	1,916	2,719	2,847	2,077	1,169	1,576	754	707	404	393	412	293

Note: <sup>4</sup> Includes drum, goldeye, tullibee, white bass, and whitefish roe; <sup>2</sup> Includes burbot, goldeye, inconnu; <sup>3</sup> Includes whitefish roe; <sup>4</sup> Includes tullibee.

Figure 1.5
Self-Employed Harvesters by Season 2000/01
Total: 2,766 Harvesters

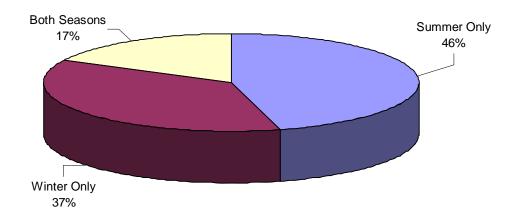


Table 1.3 Number of Self-Employed Harvesters by Season Fished Western Canadian Freshwater Fisheries, 2000/01

Season	Self-employed
Summer Only	1,268
Winter Only	1,015
Both Seasons	483
Total	2,766

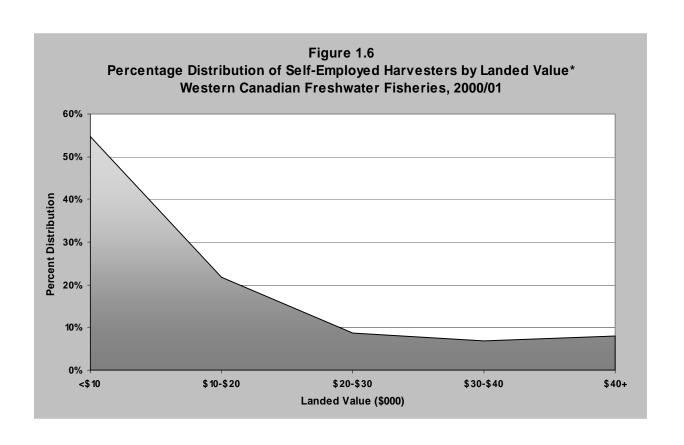


Figure 1.7

Average Payment, Weight, and the Number of Self-Employed Harvesters by Landed Values

Western Consuler Examples 2000/01

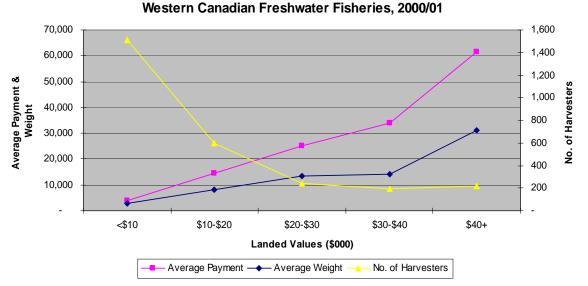


Figure 1.8

Number of Full-Time Equivalent Employment by Landed Value

Western Canadian Freshwater Fisheries, 2000/01

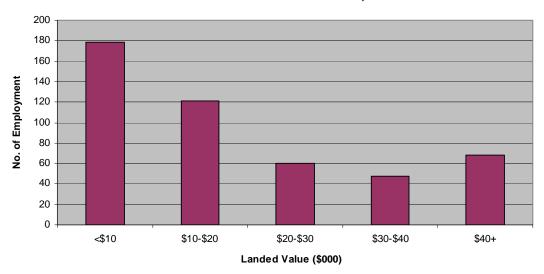


Table 1.4
Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by
Landed Value
Western Canadian Freshwater Fisheries, 2000/01

Landed Value	No. of	Full-Time	Averages Per Harvesters							
	Harvesters	<b>Employment</b>	Deliveries	Weeks	Weights (lb.)	Payments (\$)				
\$0 - \$10,000	1,512	169	16	6	2,889	3,780				
\$10001 - \$20,000	601	119	33	10	8,229	14,559				
\$20,001 - \$30,000	241	61	45	13	13,585	25,180				
\$30,001 - \$40,000	191	48	48	13	14,014	34,012				
\$40,001+	221	67	59	16	31,243	61,672				

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, 1992 - 2000

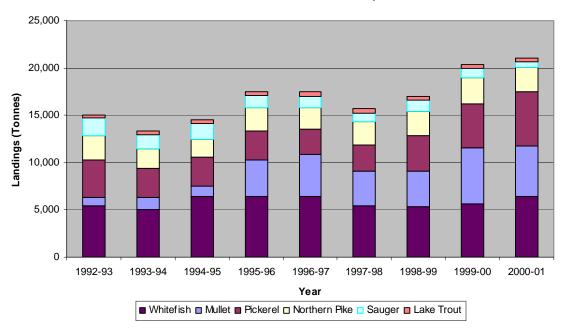


Figure 1.10
Landed Value Trend by Major Species
Western Canadian Freshwater Fisheries, 1992 - 2000

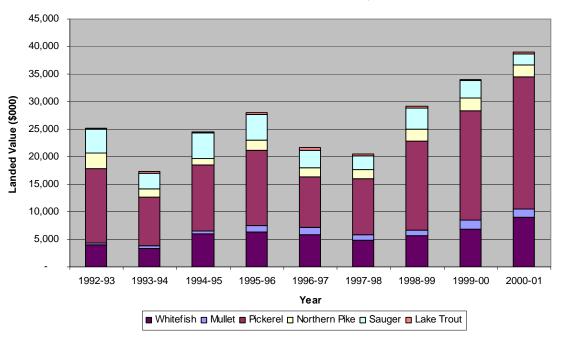


Table 1.5
Landings and Landed Value Trend by Species
Western Canadian Freshwater Fisheries, 1992 - 2000

Species	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)									
Whitefish	5,411	5,061	6,388	6,436	6,378	5,484	5,300	5,596	6,459
% Change % of Total		-6.5%	26.2%	0.8%	-0.9%	-14.0%	-3.4%	5.6%	15.4%
Landings	33.4%	35.4%	40.6%	33.8%	33.8%	32.8%	29.1%	25.9%	29.2%
Mullet	956	1,310	1,155	3,815	4,532	3,633	3,822	5,936	5,298
% Change % of Total		37.0%	-11.8%	230.3%	18.8%	-19.8%	5.2%	55.3%	-10.7%
Landings	5.9%	9.2%	7.3%	20.0%	24.0%	21.7%	21.0%	27.5%	23.9%
Pickerel	3,904	3,035	2,987	3,075	2,593	2,770	3,688	4,627	5,708
% Change % of Total		-22.3%	-1.6%	2.9%	-15.7%	6.8%	33.1%	25.5%	23.4%
Landings	24.1%	21.2%	19.0%	16.2%	13.8%	16.6%	20.3%	21.4%	25.8%
Northern Pike	2,619	2,073	1,883	2,435	2,350	2,407	2,624	2,818	2,621
% Change % of Total		-20.8%	-9.2%	29.3%	-3.5%	2.4%	9.0%	7.4%	-7.0%
Landings	16.2%	14.5%	12.0%	12.8%	12.5%	14.4%	14.4%	13.1%	11.8%
Sauger	1,845	1,434	1,693	1,319	1,099	969	1,128	1,013	585
% Change % of Total		-22.3%	18.1%	-22.1%	-16.7%	-11.8%	16.4%	-10.2%	-42.3%
Landings	11.4%	10.0%	10.8%	6.9%	5.8%	5.8%	6.2%	4.7%	2.6%
Lake Trout	326	471	436	449	530	474	425	368	406
% Change		44.5%	-7.4%	3.0%	18.0%	-10.6%	-10.3%	-13.4%	10.3%
% of Total Landings	2.0%	3.3%	2.8%	2.4%	2.8%	2.8%	2.3%	1.7%	1.8%
Others*	1,146	918	1,188	1,506	1375	986	1198	1230	1080
% Change % of Total		-19.9%	29.4%	26.8%	-8.7%	-28.3%	21.5%	2.7%	-12.2%
Landings	7.1%	6.4%	7.6%	7.9%	7.3%	5.9%	6.6%	5.7%	4.9%
Total	16,207	14,302	15,730	19,035	18,857	16,723	18,185	21,588	22,157
% Change		-11.8%	10.0%	21.0%	-0.9%	-11.3%	8.7%	18.7%	2.6%
Landed Value (\$000)									
Whitefish	3,989	3,372	6,046	6,408	5,882	4,869	5,627	6,808	9,005
% Change		-15.5%	79.3%	6.0%	-8.2%	-17.2%	15.6%	21.0%	32.3%
Mullet	295	427	403	1,154	1,290	952	1,111	1,707	1,539
% Change		44.7%	-5.6%	186.4%	11.8%	-26.2%	16.7%	53.6%	-9.8%
Pickerel	13,563	8,922	11,982	13,669	9,196	10,190	16,169	19,775	23,925
% Change		-34.2%	34.3%	14.1%	-32.7%	10.8%	58.7%	22.3%	21.0%
Northern Pike	2,800	1,383	1,308	1,757	1,591	1,653	2,140	2,335	2,223
% Change		-50.6%	-5.4%	34.3%	-9.4%	3.9%	29.5%	9.1%	-4.8%
Sauger	4,361	2,912	4,574	4,645	3,184	2,508	3,816	3,156	1,993
% Change		-33.2%	57.1%	1.6%	-31.5%	-21.2%	52.2%	-17.3%	-36.9%
Lake Trout	191	337	159	445	456	366	320	286	313
% Change		76.4%	-52.8%	179.9%	2.5%	-19.7%	-12.6%	-10.6%	9.4%
Others*	1,387	1,062	2,533	2,800	1,766	1,444	1,853	1,840	1,647
% Change		-23.4%	138.5%	10.5%	-36.9%	-18.2%	28.3%	-0.7%	-10.5%

Total	26,586	18,415	27,005	30,878	23,365	21,982	31,036	35,907	40,645
% Change		-30.7%	46.6%	14.3%	-24.3%	-5.9%	41.2%	15.7%	13.2%

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, 1992 - 2000

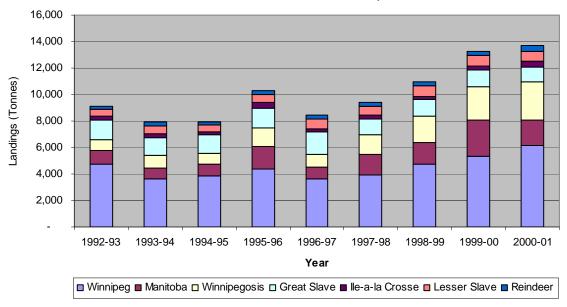


Figure 1.12
Landed Value by Major Western Canadian Lakes
Western Canadian Freshwater Fisheries, 1992 - 2000

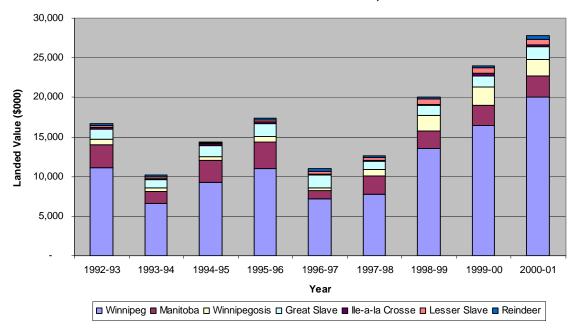


Table 1.6 Landings and Landed Value Trend by Major Western Canadian Lakes Western Canadian Freshwater Fisheries, 1992 - 2000

Major Lakes	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)								_	
Winnipeg	4,714	3,624	3,882	4,387	3,611	3,907	4,761	5,334	6,174
% Change		-23.1%	7.1%	13.0%	-17.7%	8.2%	21.9%	12.0%	15.7%
Manitoba	1,047	795	887	1,688	873	1,602	1,594	2,715	1,916
% Change		-24.1%	11.6%	90.3%	-48.3%	83.5%	-0.5%	70.3%	-29.4%
Winnipegosis	817	983	779	1,409	1,025	1,458	1,991	2,557	2,847
% Change		20.3%	-20.8%	80.9%	-27.3%	42.2%	36.6%	28.4%	11.3%
Great Slave	1,484	1,358	1,410	1,446	1,712	1,201	1,257	1,212	1,169
% Change		-8.5%	3.8%	2.6%	18.4%	-29.8%	4.7%	-3.6%	-3.5%
Lesser Slave	474	644	520	612	728	686	800	820	754
% Change		35.9%	-19.3%	17.7%	19.0%	-5.8%	16.6%	2.5%	-8.0%
Reindeer	219	271	246	275	316	265	287	321	404
% Change		23.7%	-9.2%	11.8%	14.9%	-16.1%	8.3%	11.8%	25.9%
Ile-a-la Crosse	321	242	209	446	183	261	281	333	412
% Change		-24.6%	-13.6%	113.4%	-59.0%	42.6%	7.7%	18.5%	23.7%
Total	9,076	7,917	7,933	10,263	8,448	9,380	10,971	13,292	13,676
% Change		-12.8%	0.2%	29.4%	-17.7%	11.0%	17.0%	21.2%	2.9%
% of Total Landings*	56.0%	55.4%	50.4%	53.9%	44.8%	56.1%	60.3%	61.6%	61.7%
Total Landings	16,207	14,302	15,730	19,035	18,857	16,723	18,185	21,588	22,157
Landed Value (\$000)	- <del>-</del>		_						
Winnipeg	11,074	6,546	9,246	11,017	7,202	7,784	13,510	16,487	19,982
% Change		-40.9%	41.2%	19.2%	-23.7%	-7.4%	73.6%	22.0%	21.2%
Manitoba	2,970	1,618	2,782	3,354	977	2,237	2,273	2,559	2,719
% Change		-45.5%	71.9%	20.6%	-44.1%	19.3%	1.6%	12.6%	6.3%
Winnipegosis	688	465	448	699	435	832	1,899	2,250	2,077
% Change		-32.4%	-3.7%	56.0%	-37.8%	91.3%	128.2%	18.5%	-7.7%
Great Slave	1,219	949	1,437	1,567	1,577	1,071	1,270	1,422	1,576
% Change		-22.1%	51.4%	9.0%	0.6%	-32.1%	18.6%	12.0%	10.8%
Lesser Slave	256	203	137	199	394	384	594	686	707
% Change		-20.7%	-32.5%	45.3%	98.0%	-2.5%	54.7%	15.5%	3.1%
Reindeer	239	203	116	255	282	203	246	298	393
% Change		-15.1%	-42.9%	119.8%	10.6%	-28.0%	21.2%	21.1%	31.9%
Ile-a-la Crosse	239	179	215	250	90	126	207	300	293
% Change		-25.1%	20.1%	16.3%	-64.0%	40.0%	64.3%	44.9%	-2.3%
Total	16,685	10,163	14,381	17,341	10,957	12,637	19,999	24,002	27,747
% Change		-39.1%	41.5%	20.6%	-36.8%	15.3%	58.3%	20.0%	15.6%
% of Total Landed Value**	62.8%	55.2%	53.3%	56.2%	46.9%	57.5%	64.4%	66.8%	68.3%
Total Landed Value	26,586	18,415	27,005	30,878	23,365	21,982	31,036	35,907	40,645

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
Western Canadian Freshwater Fisheries, 1992 - 2000

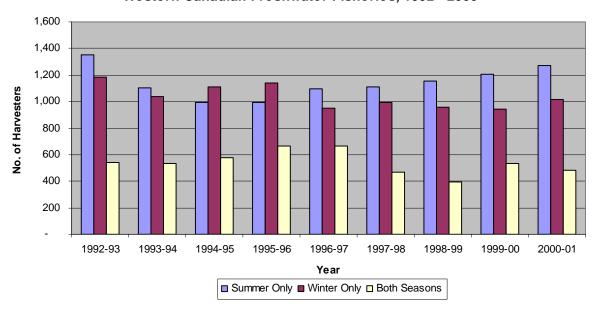


Table 1.7 Number of Self-Employed Harvesters Trend by Season Fished Western Canadian Freshwater Fisheries, 1992 - 2000

Season	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Summer Only	1,354	1,102	992	990	1,099	1,113	1,157	1,208	1,268
% Change		-18.6%	-10.0%	-0.2%	11.0%	1.3%	4.0%	4.4%	5.0%
Winter Only	1,187	1,038	1,114	1,138	949	990	955	941	1,015
% Change		-12.6%	7.3%	2.2%	-16.6%	4.3%	-3.5%	-1.5%	7.9%
Both	541	531	574	664	664	466	398	530	483
% Change		-1.8%	8.1%	15.7%	0.0%	-29.8%	-14.6%	33.2%	-8.9%
Total	3,082	2,671	2,680	2,792	2,712	2,569	2,510	2,679	2,766
% Change		-13.3%	0.3%	4.2%	-2.9%	-5.3%	-2.3%	6.7%	3.2%

Figure 1.14

Number of Self-Employed Harvesters by Landed Values
Western Canadian Freshwater Fisheries, 1992 - 2000

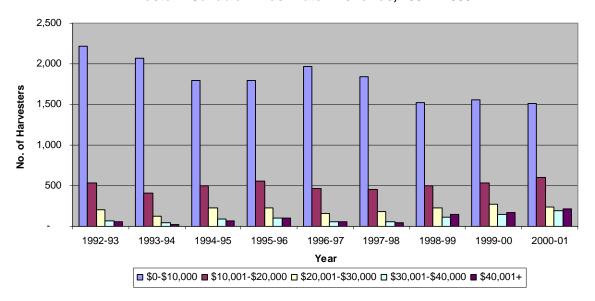


Table 1.8
Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value
Western Canadian Freshwater Fisheries, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Average Payment (\$)									
\$0 - \$10,000	3,518	3,113	3,424	3,720	3,519	3,575	3,695	3,892	3,780
\$10001 - \$20,000	14,427	14,003	14,417	14,323	13,876	13,875	14,006	14,298	14,559
\$20,001 - \$30,000	24,278	24,181	24,261	24,475	24,044	23,746	24,922	24,624	25,180
\$30,001 - \$40,000	34,459	34,698	34,572	34,115	34,980	33,996	33,950	34,314	34,012
\$40,001+	65,364	60,860	65,789	66,191	69,215	64,931	59,934	60,843	61,672
Average Weight (t)	_			_		_	_		
\$0 - \$10,000	2,489	1,849	1,899	2,184	2,485	3,002	2,563	2,960	2,889
\$10001 - \$20,000	7,916	8,258	6,390	6,781	8,272	10,168	8,936	8,622	8,229
\$20,001 - \$30,000	12,425	14,056	10,697	11,146	14,300	14,973	12,806	13,665	13,585
\$30,001 - \$40,000	18,084	24,326	14,923	15,803	19,763	24,618	15,809	16,876	14,014
\$40,001+	47,527	49,655	36,469	31,495	46,939	55,338	34,466	35,934	31,243
Number of Self-Emp	loyed Harve	esters							
\$0 - \$10,000	2,212	2,064	1,792	1,799	1,970	1,838	1,522	1,555	1,512
\$10001 - \$20,000	538	413	497	560	470	450	501	531	601
\$20,001 - \$30,000	210	128	225	231	159	179	222	276	241
\$30,001 - \$40,000	68	40	95	102	59	55	116	146	191
\$40,001+	54	26	70	100	54	47	149	172	221
Total	3,082	2,671	2,679	2,792	2,712	2,569	2,510	2,680	2,766
% Change		-13.3%	0.3%	4.2%	-2.9%	-5.3%	-2.3%	6.8%	3.2%

Figure 1.15

Number of Full-Time Equivalent Employment Trend by Landed Value

Western Canadian Freshwater Fisheries, 1992 - 2000

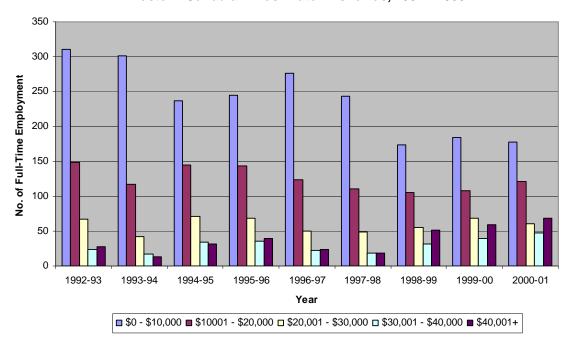


Table 1.9
Number of Full-Time Equivalent Employment Trend by Landed Value
Western Canadian Freshwater Fisheries, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
\$0 - \$10,000	310	301	237	244	276	244	174	184	178
\$10001 - \$20,000	149	117	145	144	123	111	105	107	121
\$20,001 - \$30,000	67	42	71	68	50	48	56	69	60
\$30,001 - \$40,000	23	16	34	35	22	18	31	39	48
\$40,001+	28	13	32	39	24	19	52	60	68
Total	577	489	520	531	495	440	418	459	475
% Change		-15.2%	6.4%	2.0%	-6.8%	-11.0%	-5.17%	9.9%	3.5%

## **Section 2:**

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

Figure 2.1 Landings By Jurisdiction 2000/01 Total: 22,114 Tonnes

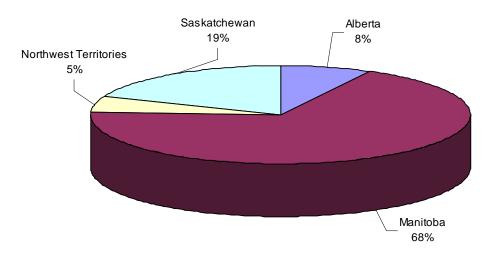


Figure 2.2 Landed Value by Jurisdiction 2000/01 Total: \$41.0 Million

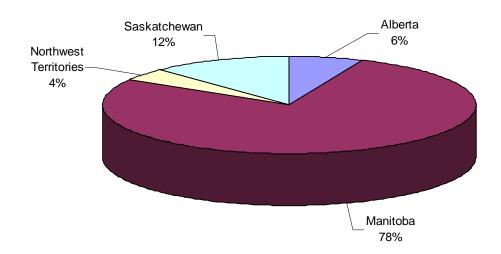


Table 2.1 Landings, Landed and Market Values Western Canadian Freshwater Fisheries, 2000/01

Jurisdiction	Landings (t)	Landed Value (\$000)	Market Value (\$000)
Alberta	1,739	2,624	4,510
Saskatchewan	4,159	4,958	8,111
Manitoba	15,016	31,299	49,040
NWT	1,200	1,676	3,270
Total	22,114	40,557	64,931

Table 2.2 Number of Self-Employed Harvesters by Season Fished Western Canadian Freshwater Fisheries, 2000/01

Season	Alberta	Saskatchewan	Manitoba	NWT	Total
Summer only	41	237	948	40	1,266
Winter only	63	320	582	43	1,008
Both seasons	43	41	339	53	476
Total	147	598	1,869	136	2,750

Figure 2.3
Self-Employed harvesters by Jurisdiction 2000/01
Total: 2,750 Harvesters

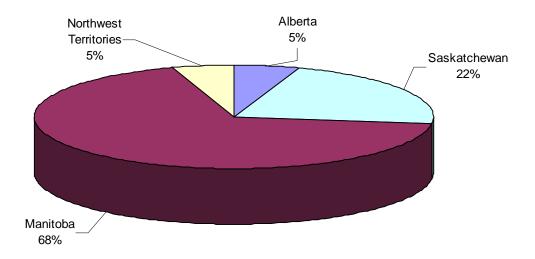


Figure 2.4

Number of Self-Employed Harvesters by Season and Region
Western Canadian Freshwater Fisheries, 2000/01

Total: 2,750 Harvesters

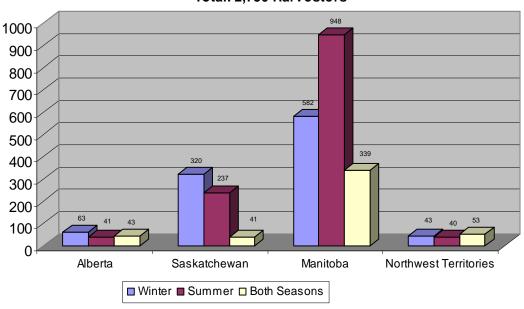


Figure 2.5
Percentage Distribution of Self-Employed Harvesters by Landed Value
Western Canadian Freshwater Fisheries, 2000/01

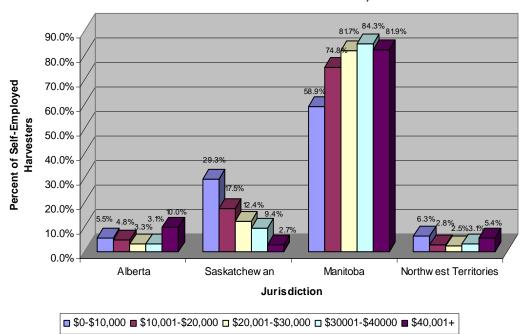


Table 2.3
Distribution of Self-Employed Harvesters by Landed Value
Western Canadian Freshwater Fisheries, 2000/01

Landed Value	Alberta	Saskatchewan	Manitoba	NWT	Region
\$0 - \$10,000	82	439	882	95	1,498
\$10001 - \$20,000	29	105	448	17	599
\$20,001 - \$30,000	8	30	197	6	241
\$30,001 - \$40,000	6	18	161	6	191
\$40,001+	22	6	181	12	221
Total	147	598	1,869	136	2,750

Figure 2.6
Full-Time Equivalent Employment by Landed Value and Jurisdiction
Western Canadian Freshwater Fisheries, 2000/01

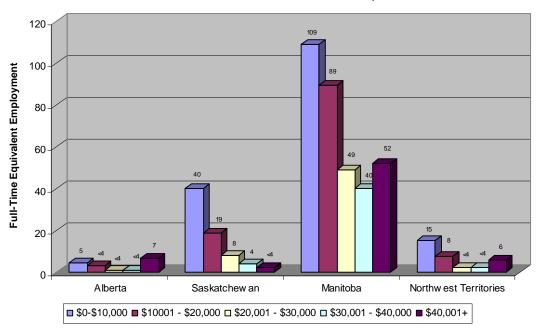


Table 2.4
Distribution of Full-Time Equivalent Employment by Landed Value
Western Canadian Freshwater Fisheries, 2000/01

Landed Value	Alberta	Saskatchewan	Manitoba	NWT	Region
\$0 - \$10,000	5	40	109	15	169
\$10001 - \$20,000	<4	19	89	8	116
\$20,001 - \$30,000	<4	8	49	<4	57
\$30,001 - \$40,000	<4	4	40	<4	44
\$40,001+	7	<4	52	6	65
Total	12	72	340	29	452

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

Figure 2.7
Landings Trend by Jurisdiction
Western Canadian Freshwater Fisheries, 1992 - 2000

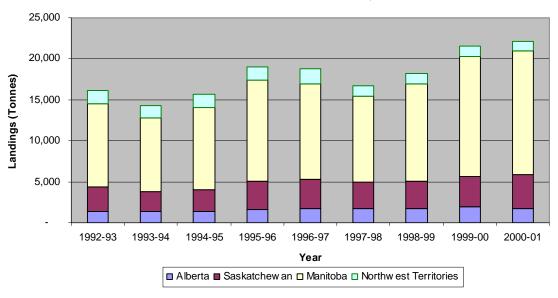


Figure 2.8
Percent of Total Landings by Jurisdiction
Western Canadian Freshwater Fisheries, 1992 - 2000

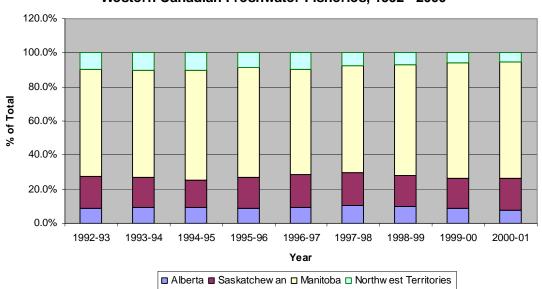


Figure 2.9
Landed Value Trend by Jurisdiction
Western Canadian Freshwater Fisheries, 1992 - 2000

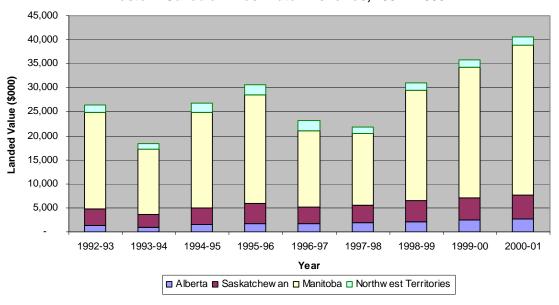


Table 2.5
Landings and Landed Value Trend
Western Canadian Freshwater Fisheries, 1992 - 2000

Jurisdiction	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t.)									
Alberta	1,392	1,325	1,432	1,624	1,716	1,764	1,758	1,903	1,739
% Change		-4.8%	8.1%	13.4%	5.7%	2.8%	-0.3%	8.2%	-8.6%
% of Total Landings	8.6%	9.3%	9.1%	8.6%	9.1%	10.6%	9.7%	8.8%	7.9%
Saskatchewan	3,030	2,517	2,571	3,496	3,615	3,215	3,310	3,761	4,159
% Change		-16.9%	2.1%	36.0%	3.4%	-11.1%	3.0%	13.6%	10.6%
% of Total Landings	18.8%	17.61%	16.4%	18.4%	19.2%	19.3%	18.2%	17.5%	18.8%
Manitoba	10,133	8,997	10,086	12,232	11,593	10,439	11,811	14,633	15,016
% Change		-11.2%	12.1%	21.3%	-5.2%	-10.0%	13.1%	23.9%	2.6%
% of Total Landings	62.8%	63.0%	64.4%	64.5%	61.7%	62.6%	65.0%	67.9%	67.9%
Northwest Territories	1,573	1,450	1,580	1,624	1,867	1,253	1,302	1,245	1,200
% Change		-7.8%	9.0%	2.8%	15.0%	-32.9%	3.9%	-4.4%	-3.6%
% of Total Landings	9.7%	10.1%	10.1%	8.6%	9.9%	7.5%	7.2%	5.8%	5.4%
Total	16,128	14,289	15,669	18,976	18,791	16,671	18,181	21,542	22,114
% Change	-	-11.4%	9.7%	21.1%	-1.0%	-11.3%	9.1%	18.5%	2.7%
Landed Value (\$000)									
Alberta	1,247	1,048	1,523	1,682	1,642	1,870	2,096	2,455	2,624
% Change		-16.0%	45.3%	10.4%	-2.4%	13.9%	12.1%	17.1%	6.9%
Saskatchewan	3,495	2,567	3,501	4,268	3,546	3,663	4,324	4,659	4,958
% Change		-26.6%	36.4%	21.9%	-16.9%	3.3%	18.0%	7.7%	6.4%
Manitoba	20,227	13,587	19,847	22,565	15,966	15,043	23,160	27,161	31,299
% Change		-32.8%	46.1%	13.7%	-29.2%	-5.8%	54.0%	17.3%	15.2%
Northwest Territories	1,411	1,177	1,967	2,172	2,011	1,241	1,447	1,525	1,676
% Change		-16.6%	67.1%	10.4%	-7.4%	-38.3%	16.6%	5.4%	9.9%
Total	26,380	18,379	26,838	30,687	23,165	21,817	31,027	35,800	40,557
% Change		-30.3%	46.0%	14.3%	-24.5%	-5.8%	42.2%	15.4%	13.3%

Figure 2.10

Number of Self-Employed Harvesters by Season Fished (Summer Only)

Western Canadian Freshwater Fisheries, 1992 - 2000

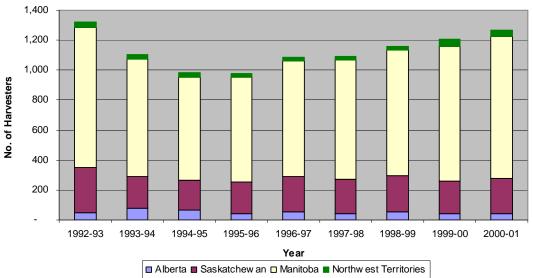


Figure 2.11

Number of Self-Employed Harvesters by Season Fished (Winter Only)

Western Canadian Freshwater Fisheries, 1992 - 2000

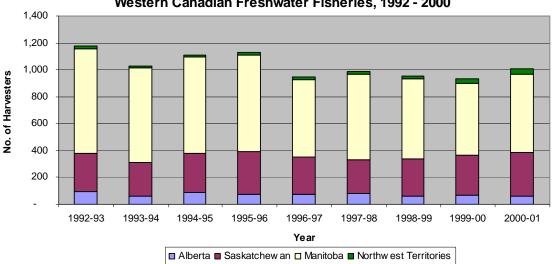


Figure 2.12

Number of Self-Employed Harvesters by Season Fished (Both Seasons)

Western Canadian Freshwater Fisheries, 1992 - 2000

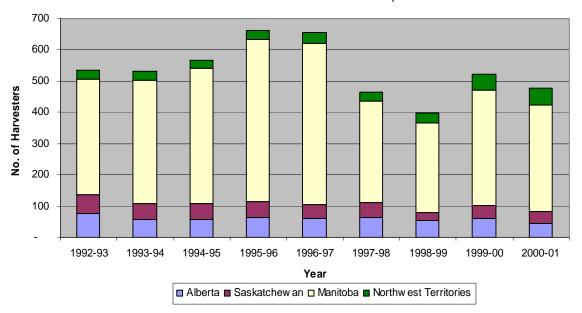


Table 2.6 Number of Self-Employed Harvesters Trend by Season Fished Western Canadian Freshwater Fisheries, 1992 - 2000

Jurisdiction	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Alberta	218	197	208	178	191	183	172	166	147
Summer only	48	80	67	43	54	41	55	40	41
Winter only	95	60	85	72	77	79	64	67	63
Both Seasons	75	57	56	63	60	63	53	59	43
Saskatchewan	649	515	545	580	558	528	540	561	598
Summer only	304	209	199	208	238	228	243	219	237
Winter only	284	254	295	319	274	253	271	299	320
Both Seasons	61	52	51	53	46	47	26	43	41
Manitoba	2,081	1,882	1,835	1,934	1,862	1,762	1,723	1,805	1,869
Summer only	933	786	687	702	770	798	834	900	948
Winter only	778	701	715	715	577	638	601	536	582
Both Seasons	370	395	433	517	515	326	288	369	339
Northwest Territories	89	67	70	<i>7</i> 5	76	77	73	131	136
Summer only	39	27	29	24	24	28	25	47	40
Winter only	20	14	14	21	18	19	18	33	43
Both Seasons	30	26	27	30	34	30	30	51	53
Total	3,037	2,661	2,658	2,767	2,687	2,550	2,508	2,663	2,750
% Change		-12.4%	-0.1%	4.1%	-2.9%	-5.1%	-1.6%	6.2%	3.3%
Summer only	1,324	1,102	982	977	1,086	1,095	1,157	1,206	1,266
Winter only	1,177	1,029	1,109	1,127	946	989	954	935	1,008
Both Seasons	536	530	567	663	655	466	397	522	476

Figure 2.13

Number of Full-Time Equivalent Employment Trend
Western Canadian Freshwater Fisheries, 1992 - 2000

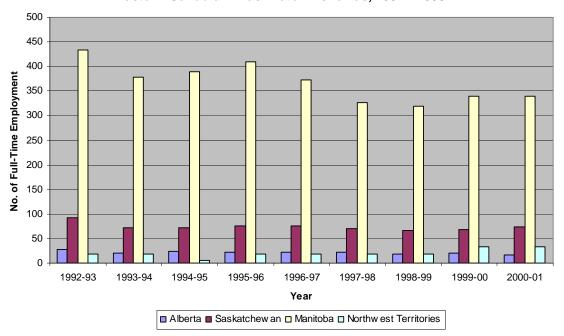


Table 2.7 Number of Full-Time Equivalent Employment Trend Western Canadian Freshwater Fisheries, 1992 - 2000

Jurisdiction	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Alberta	28	21	23	22	23	23	19	21	17
Saskatchewan	92	72	72	76	76	70	67	69	72
Manitoba	434	379	390	410	372	327	319	339	340
Northwest Territories	19	18	6	18	19	18	18	33	33
Total	573	490	491	526	490	438	423	462	462
% Change		-14.5%	0.2%	7.1%	-6.8%	-10.6%	-3.4%	9.2%	0.4%

**Section 3:** 

Alberta

Figure 3.1 Landings by Species Alberta, 2000/01 Total: 1,739 Tonnes

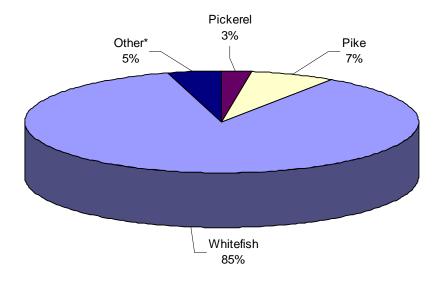
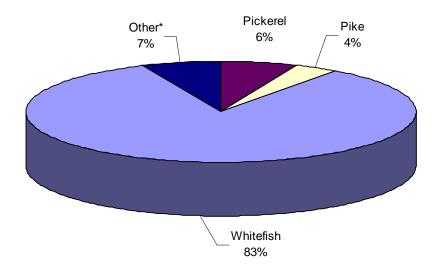


Figure 3.2 Landed Value by Species Alberta, 2000/01 Total: \$2.6 Million



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

Table 3.1 Landings, Landed and Market Values by Species Alberta, 2000/01

Species	Landings (t.)	Landed Value (\$000)	Market Value (\$000)
Whitefish	1,498	2,181	3,580
Whitefish Roe	23	139	317
Pickerel	46	166	261
Northern Pike	117	99	249
Tullibee	36	27	74
Mullet	8	2	8
Goldeye	3	5	14
Others*	8	4	7
Total	1,739	2,624	4,510

Note: \* Includes burbot, perch, tullibee, carp.

Figure 3.3 Landings by Major Lakes Alberta, 2000/01 Total: 1,170 Tonnes

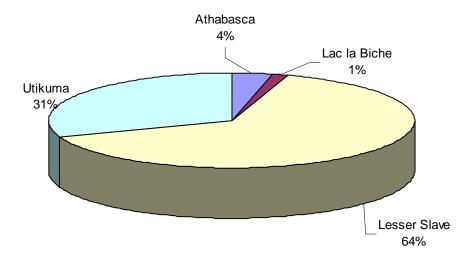


Figure 3.4
Landed Value by Major Lakes
Alberta, 2000/01
Total: \$1.5 Million

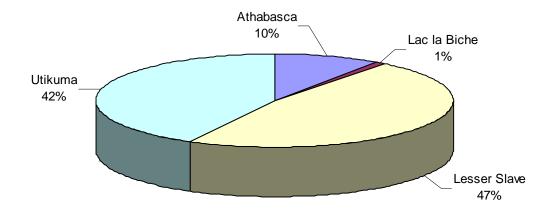


Table 3.2 Landings and Landed Value by Species and Major Lakes Alberta, 2000/01

		Major Lakes										
	Athal	basca	Lac la Biche		Lesser Slave		Utik	uma	Alberta			
Species	Landings (t)	Landed Value (\$000)										
Whitefish	0	0	6	10	703	563	259	551	1,498	2,181		
Pickerel	38	138	0	0	5	18	0	0	46	166		
Northern Pike	0	0	2	2	21	17	72	61	117	99		
Others*	3	5	8	2	26	109	27	16	79	178		
Total	41	143	16	14	754	707	358	628	1,739	2,624		

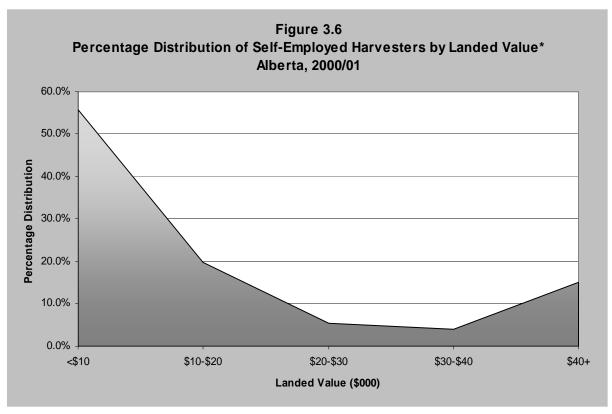
Note: \* Includes whitefish roe and/or tullibee and/or goldeye.

Figure 3.5
Self-Employed Harvesters by Season
Alberta, 2000/01
Total: 147 Harvesters



Table 3.3 Number of Self-Employed Harvesters by Season Fished Alberta, 2000/01

Season	Self-Employed
Summer Only	41
Winter Only	63
Both Seasons	43
Total	147



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

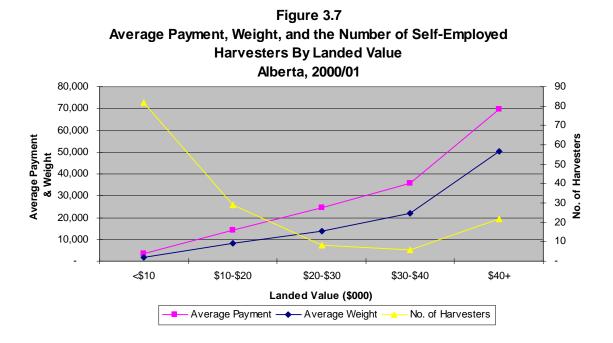


Figure 3.8

Number of Full-Time Equivalent Employment by Landed Value
Alberta, 2000/01

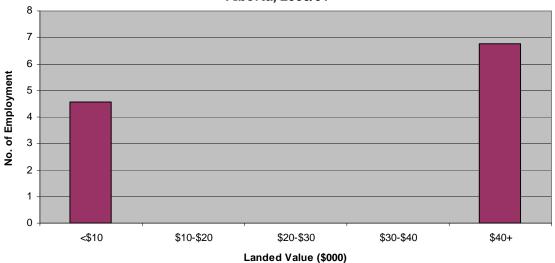


Table 3.4
Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value
Alberta, 2000/01

Landed Value	No. of	Full-Time	Average Per Harvester							
	Harvesters	<b>Employment</b>	Deliveries Weeks Weights (lb.) Payments							
\$0 - \$10,000	82	5	6	3	1,831	3,628				
\$10,001 - \$20,000	29	<4	17	5	8,378	14,178				
\$20,001 - \$30,000	8	<4	24	8	13,798	24,722				
\$30,001 - \$40,000	6	<4	22	9	22,018	35,549				
\$40,001+	22	7	51	16	50,212	69,795				

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, 1992 - 2000

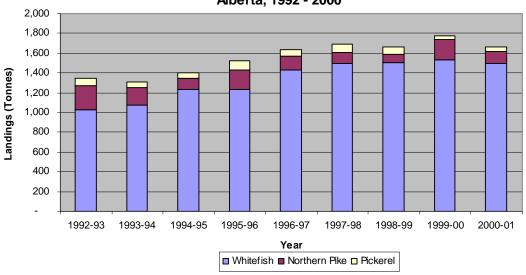


Figure 3.10 Landed Value Trend by Major Species Alberta, 1992 - 2000

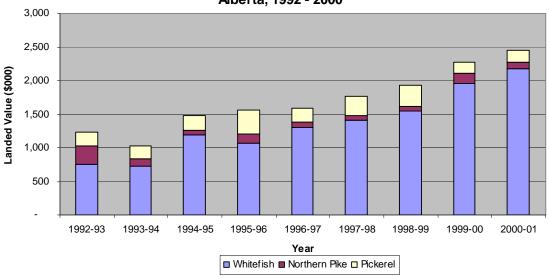


Table 3.5 Landings and Landed Value Trend by Species Alberta, 1992 - 2000

Species	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)									
Whitefish	1,032	1,073	1,237	1,231	1,433	1,495	1,504	1,537	1,498
% Change		4.0%	15.3%	-0.5%	16.4%	4.3%	0.6%	2.2%	-2.5%
% of Total Landings	74.1%	81.0%	86.4%	75.8%	83.5%	84.8%	85.6%	80.8%	86.1%
Northern Pike	243	176	109	201	136	108	81	199	117
% Change		-27.6%	-38.1%	84.4%	-32.3%	-20.6%	-25.0%	145.7%	-41.2%
% of Total Landings	17.5%	13.3%	7.6%	12.4%	7.9%	6.1%	4.6%	10.5%	6.7%
Pickerel	75	61	57	89	65	86	77	41	46
% Change		-18.7%	-6.6%	56.1%	-27.0%	32.3%	-10.5%	-46.8%	12.2%
% of Total Landings	5.4%	4.6%	4.0%	5.5%	3.8%	4.9%	4.4%	2.2%	2.6%
Others*	42	15	29	103	82	74	96	126	78
% Change		-64.3%	93.3%	255.2%	-20.4%	-9.8%	29.7%	31.3%	-38.1%
% of Total Landings	3.0%	1.1%	2.0%	6.3%	4.8%	4.2%	5.5%	6.6%	4.5%
Total	1,392	1,325	1,432	1,624	1,716	1,763	1,758	1,903	1,739
% Change		-4.8%	8.1%	13.4%	5.7%	2.7%	-0.3%	8.2%	-8.6%
Landed Value (\$000)									
Whitefish	757	720	1,190	1,063	1,303	1,407	1,542	1,953	2,181
% Change		-4.9%	65.3%	-10.7%	22.6%	8.0%	9.6%	26.7%	11.7%
Northern Pike	270	113	67	137	87	69	68	162	99
% Change		-58.1%	-40.7%	104.5%	-36.5%	-20.7%	-1.4%	138.2%	-38.9%
Pickerel	203	189	221	366	204	285	322	158	166
% Change		-6.9%	16.9%	65.6%	-44.3%	39.7%	13.0%	-50.9%	5.1%
Others*	17	26	45	116	47	108	165	183	177
% Change		52.9%	73.1%	157.8%	-59.5%	129.8%	52.8%	10.9%	-3.3%
Total	1,247	1,048	1,523	1,682	1,641	1,869	2,097	2,456	2,624
% Change		-16.0%	45.3%	10.4%	-2.4%	13.9%	12.2%	17.1%	6.8%

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

Figure 3.11 Landings by Major Lakes Alberta, 1992 - 2000

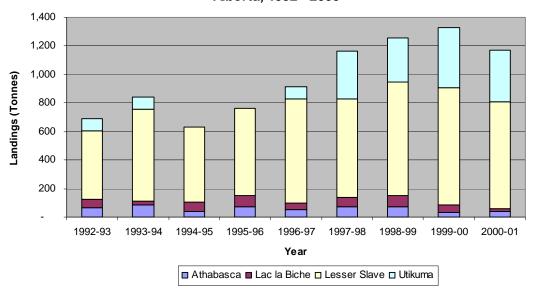


Figure 3.12 Landed Value by Major Lakes Alberta, 1992 - 2000

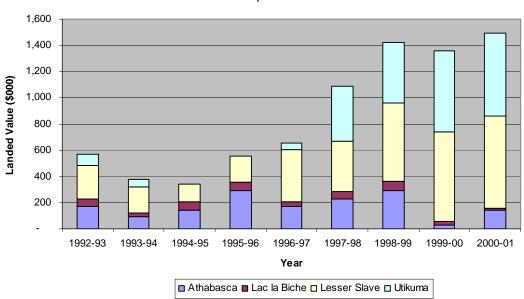


Table 3.6 Landings and Landed Value Trend by Major Lakes Alberta, 1992 - 2000

Major Lakes	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)	_								
Athabasca	67	84	41	75	54	70	74	36	41
% Change		25.4%	-51.2%	82.9%	-28.0%	29.6%	5.7%	-51.4%	13.9%
Lac la Biche	61	31	67	77	47	69	75	51	16
% Change		-49.2%	116.1%	14.9%	-39.0%	46.8%	8.7%	-32.0%	-68.6%
Lesser Slave	474	644	520	612	728	686	800	820	754
% Change		35.9%	-19.3%	17.7%	19.0%	-5.8%	16.6%	2.5%	-8.0%
Utikuma*	85	84			82	338	307	419	358
% Change		-1.2%				312.2%	-9.2%	36.5%	-14.6%
Total	602	759	628	764	911	1,163	1,256	1,326	1,169
% Change		26.1%	-17.3%	21.7%	19.2%	27.7%	8.0%	5.6%	-11.8%
% of Total Landings	43.2%	57.3%	43.8%	47.0%	53.1%	66.0%	71.4%	69.6%	67.2%
Total Landings**	1,392	1,325	1,433	1,624	1,716	1,763	1,758	1,904	1,739
Landed Value (\$000)	-					_			
Athabasca	171	96	143	292	170	229	295	127	143
% Change		-43.9%	49.0%	104.2%	-41.8%	34.7%	28.8%	-56.9%	12.6%
Lac la Biche	54	22	64	61	37	54	68	29	13
% Change		-59.3%	190.9%	-4.7%	-39.3%	45.9%	25.9%	-57.4%	-55.2%
Lesser Slave	256	203	137	199	394	384	594	686	707
% Change		-20.7%	-32.5%	45.3%	98.0%	-2.5%	54.7%	15.5%	3.1%
Utikuma*	91	53			55	420	462	616	628
% Change		-41.8%				663.6%	10.0%	33.3%	1.9%
Total	572	374	344	552	656	1,087	1,419	1,458	1,491
% Change		-34.6%	-8.0%	60.5%	18.8%	65.7%	30.5%	2.7%	2.3%
% of Total Landed Value	45.9%	35.7%	22.6%	32.8%	40.0%	58.1%	67.7%	59.4%	56.9%
Total Landed Value***	1,247	1,048	1,524	1,682	1,642	1,870	2,097	2,456	2,622

Notes: \* The spikes at Lake Utikuma in 1999-00 and 2000-01 reflect irregularities in commercial deliveries caused 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 Alberta, 1992 - 2000

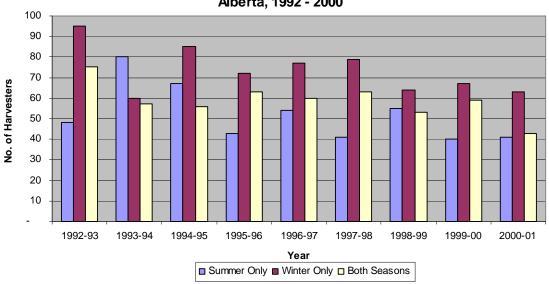


Table 3.7 Number of Self-Employed Harvesters Trend by Season Fished Alberta, 1995 - 2002

Year	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Summer Only	48	80	67	43	54	41	55	40	41
% Change		66.7%	-16.3%	-35.8%	25.6%	-24.1%	34.1%	-27.3%	2.5%
Winter Only	95	60	85	72	77	79	64	67	63
% Change		-36.8%	41.7%	-15.3%	6.9%	2.6%	-19.0%	4.7%	-6.0%
Both Seasons	75	57	56	63	60	63	53	59	43
% Change		-24.0%	-1.8%	12.5%	-4.8%	5.0%	-15.9%	11.3%	-27.1%
Total	218	197	208	178	191	183	172	166	147
% Change		-9.6%	5.6%	-14.4%	7.3%	-4.2%	-6.0%	-3.5%	-11.4%

Figure 3.14
Estimated Number of Self-Employed Harvesters by Landed Value
Alberta, 1992 - 2000

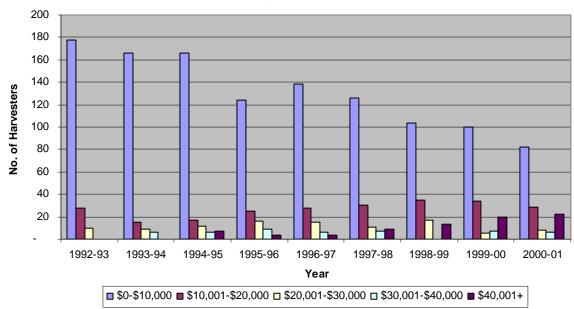


Table 3.8
Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed Value Alberta, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Average Payment (\$	S)			=		_		-	
\$0 - \$10,000	2,841	2,264	2,318	2,959	3,139	3,553	2,880	3,511	3,628
\$10001 - \$20,000	13,853	13,357	15,259	14,719	14,162	14,260	13,926	14,382	14,178
\$20,001 - \$30,000	24,085	24,486	25,160	24,555	24,006	24,632	26,006	22,223	24,722
\$30,001 - \$40,000	39,959	33,710	33,707	35,448	35,296	35,592	37,396	34,071	35,549
\$40,001+	52,816	48,942	50,967	58,776	59,523	52,667	58,112	63,329	69,795
Average Weight (t)									
\$0 - \$10,000	2,543	2,059	1,792	2,420	2,287	2,905	2,182	2,182	1,831
\$10001 - \$20,000	11,097	13,111	9,219	8,286	9,526	11,566	9,796	9,807	8,378
\$20,001 - \$30,000	19,520	20,036	16,607	16,331	18,416	19,994	18,550	15,424	13,798
\$30,001 - \$40,000	36,463	38,601	26,032	27,128	36,588	41,563	33,626	25,542	22,018
\$40,001+	60,948	65,308	39,455	60,533	63,107	59,979	59,451	54,827	50,212
Number of Self-Emp	oloyed Harve	esters				_			
\$0 - \$10,000	178	166	166	124	138	126	104	100	82
\$10001 - \$20,000	28	15	17	25	28	30	35	34	29
\$20,001 - \$30,000	10	9	12	16	15	11	17	5	8
\$30,001 - \$40,000	<4	6	6	9	6	7	<4	7	6
\$40,001+	<4	<4	7	4	4	9	13	20	22
Total	216	196	205	178	191	183	169	166	147
% Change		-9.3%	6.1%	-14.4%	7.3%	-4.2%	-7.7%	-1.8%	-11.4%

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, 1992 - 2000

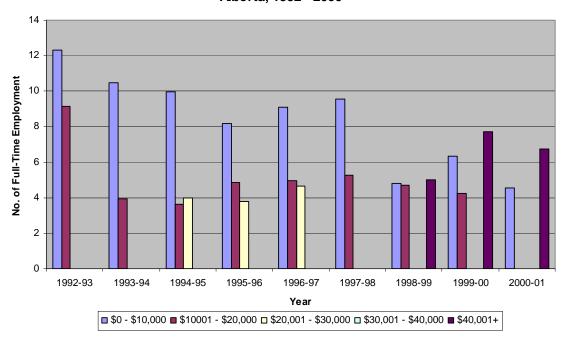


Table 3.9 Number of Full-Time Equivalent Employment Trend by Landed Value Alberta, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
\$0 - \$10,000	12	10	10	8	9	10	5	6	5
\$10001 - \$20,000	9	4	4	5	5	5	5	4	<4
\$20,001 - \$30,000	<4	<4	4	4	5	<4	<4	<4	<4
\$30,001 - \$40,000	<4	<4	<4	<4	<4	<4	<4	<4	<4
\$40,001+	<4	<4	<4	<4	<4	<4	5	8	7
Total	21	14	18	17	19	15	15	18	12
% Change		-32.7%	-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

Figure 4.1 Landings by Species Saskatchewan, 2000/01 Total: 4,159 Tonnes

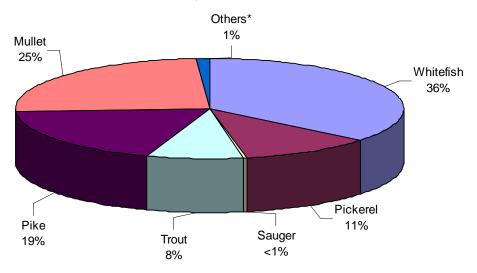
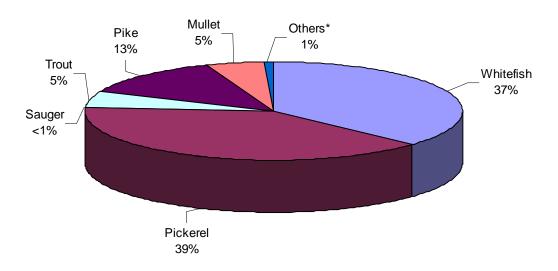


Figure 4.2 Landed Value by Species Saskatchewan, 2000/01 Total: \$5.0 Million



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

Table 4.1 Landings, Landed and Market Values by Species Saskatchewan, 2000/01

Species	Landings (t)	Landed Value (\$000)	Market Value (\$000)
Whitefish	1,494	1,831	2,070
Pickerel	464	1,941	2,640
Lake Trout	341	266	637
Northern Pike	781	623	1,663
Mullet	1,027	250	966
Others*	52	47	135
Total	4,159	4,958	8,111

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

Figure 4.3 Landings by Major Lakes Saskatchewan 2000/01 Total: 1,484 Tonnes

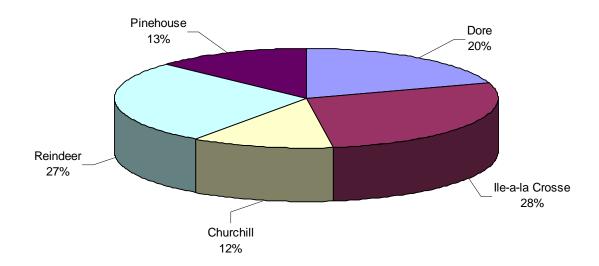


Figure 4.5
Landed Value by Major Lakes
Saskatchewan, 2000/01
Total: \$1.5 Million

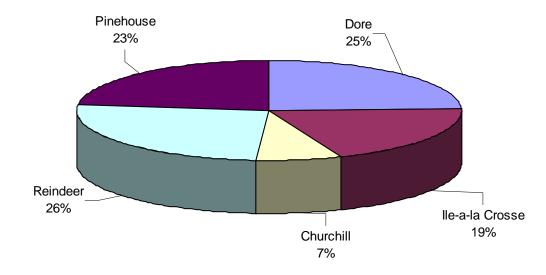


Table 4.2 Landings and Landed Value by Species and Major Lakes Saskatchewan, 2000/01

		Major Lakes										
	Do	re	lle-a-la	Crosse	Chu	rchill	Rein	deer	Pineho	ouse	Saskatchewan	
		Landed		Landed		Landed		Landed		Landed		Landed
	Landings	Value	Landings	Value	Landings	Value	Landings	Value	Landings	Value	Landings	Value
Species	(t)	(\$000)	(t)	(\$000)	(t)	(\$000)	(t)	(\$000)	(t)	(\$000)	(t)	(\$000)
Whitefish	189	314	13	19	5	9	145	134	50	55	1,494	1,831
Pickerel	3	14	28	115	6	26	16	72	56	246	464	1,941
Lake Trout	0	0	0	0	0	0	198	161	0	0	341	266
Northern Pike	30	25	124	98	58	47	26	21	44	34	781	623
Mullet	73	18	246	59	109	26	19	5	44	11	1,027	250
Others*	0	0	2	1	0	0	0	1	0	1	51	46
Total	296	372	412	293	178	108	404	393	193	347	4,158	4,959

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

Figure 4.5
Self-Employed Harvesters by Season
Saskatchewan, 2000/01
Total: 598 Harvesters

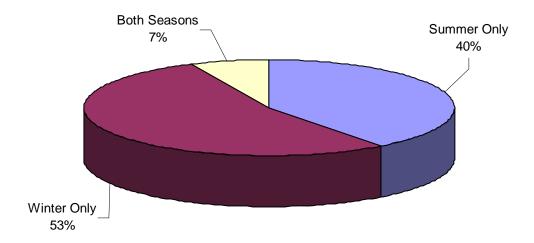
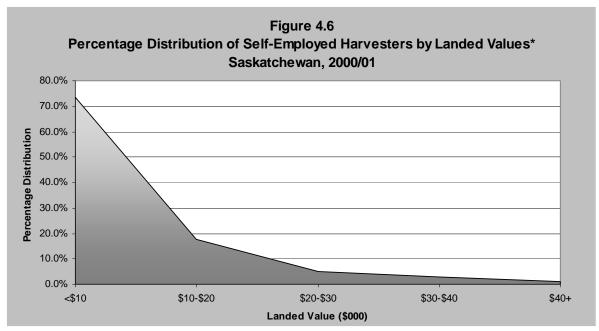


Table 4.3 Number of Self-Employed Harvesters by Season Fished Saskatchewan, 2000/01

Season	Self-Employed
Summer Only	237
Winter Only	320
Both Seasons	41
Total	598



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

Figure 4.7

Average Payment, Weight, and the Number of Self-Employed

Harvesters by Landed Value

Saskatchewan, 2000/01

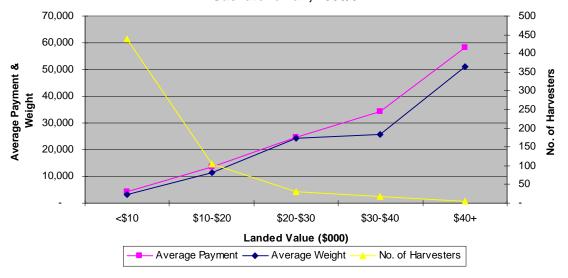


Figure 4.8

Number of Full-Time Equivalent Employment by Landed Value
Saskatchewan, 2000/01

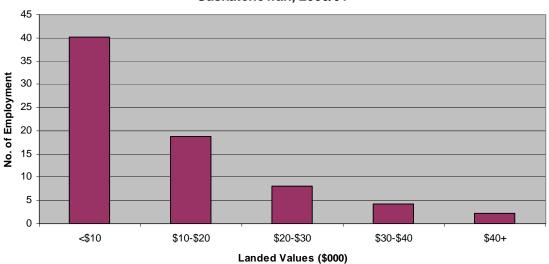


Table 4.4
Landings, Landed Value, Number of Full-Time Employment and Fishing Effort by
Landed Value
Saskatchewan, 2000/01

Landed Value	No. of	Full-Time	Averages Per Harvesters							
	Harvesters	<b>Employment</b>	Deliveries	Weeks	Weights (lb.)	Payments (\$)				
\$0 - \$10,000	439	40	15	5	3,350	4,182				
\$10001 - \$20,000	105	19	33	9	11,378	13,470				
\$20,001 - \$30,000	30	8	47	14	24,114	24,722				
\$30,001 - \$40,000	18	4	44	12	25,823	34,277				
\$40,001+	6	<4	80	20	51,026	58,392				

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, 1992 – 2000

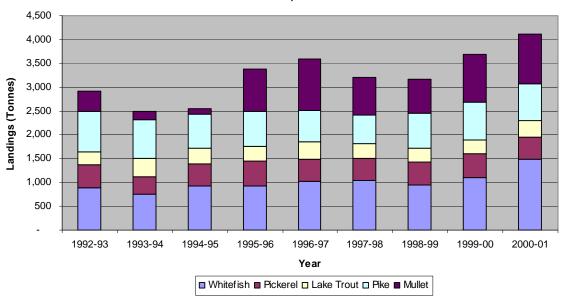


Figure 4.10 Landed Value Trend by Major Species Saskatchewan, 1992 – 2000

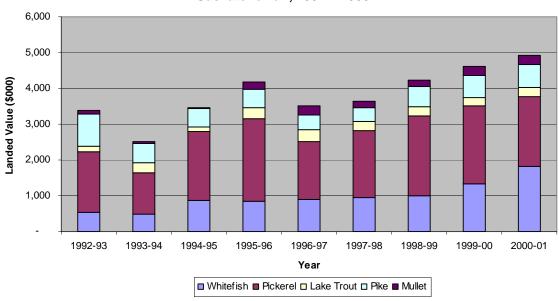


Table 4.5 Landings and Landed Value Trend by Species Saskatchewan, 1992 - 2000

Species	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)									
Whitefish	897	747	923	928	1,030	1,036	943	1,100	1,494
% Change		-16.7%	23.6%	0.5%	11.0%	0.6%	-9.0%	16.6%	35.8%
% of Total Landings	29.6%	29.7%	35.9%	26.5%	28.5%	32.2%	28.5%	29.2%	35.9%
Pickerel	476	376	465	515	452	467	482	505	464
% Change		-21.0%	23.7%	10.8%	-12.2%	3.3%	3.2%	4.8%	-8.1%
% of Total Landings	15.7%	14.9%	18.1%	14.7%	12.5%	14.5%	14.6%	13.4%	11.2%
Lake Trout	260	388	337	315	363	321	296	289	341
% Change		49.2%	-13.1%	-6.5%	15.2%	-11.6%	-7.8%	-2.4%	18.0%
% of Total Landings	8.6%	15.4%	13.1%	9.0%	10.0%	10.0%	8.9%	7.7%	8.2%
Northern Pike	851	804	714	727	658	596	731	800	781
% Change		-5.5%	-11.2%	1.8%	-9.5%	-9.4%	22.7%	9.4%	-2.4%
% of Total Landings	28.1%	31.9%	27.8%	20.8%	18.2%	18.5%	22.1%	21.3%	18.8%
Mullet	429	183	119	894	1,095	781	715	991	1,027
% Change		-57.3%	-35.0%	651.3%	22.5%	-28.7%	-8.5%	38.6%	3.6%
% of Total Landings	14.2%	7.3%	4.6%	25.6%	30.3%	24.3%	21.6%	26.3%	24.7%
Others*	117	19	13	117	17	13	143	76	52
% Change		-83.8%	-31.6%	800.0%	-85.5%	-23.5%	1000.0%	-46.9%	-31.6%
% of Total Landings	3.9%	0.8%	0.5%	3.3%	0.5%	0.4%	4.3%	2.0%	1.3%
Total	3,030	2,517	2,571	3,496	3,615	3,214	3,310	3,761	4,159
% Change		-16.9%	2.1%	36.0%	3.4%	-11.1%	3.0%	13.6%	10.6%
Landed Value (\$000)						-	-		
Whitefish	541	487	861	839	908	943	1,009	1,325	1,831
% Change		-10.0%	76.8%	-2.6%	8.2%	3.9%	7.0%	31.3%	38.2%
Pickerel	1,686	1,152	1,945	2,306	1,611	1,878	2,232	2,184	1,941
% Change		-31.7%	68.8%	18.6%	-30.1%	16.6%	18.8%	-2.2%	-11.1%
Lake Trout	161	293	121	316	322	254	234	226	266
% Change		82.0%	-58.7%	161.2%	1.9%	-21.1%	-7.9%	-3.4%	17.7%
Northern Pike	883	521	503	509	416	398	578	632	623
% Change		-41.0%	-3.5%	1.2%	-18.3%	-4.3%	45.2%	9.3%	-1.4%
Mullet	117	49	33	220	267	167	177	242	250
% Change		-58.1%	-32.7%	566.7%	21.4%	-37.5%	6.0%	36.7%	3.3%
Others*	107	65	38	78	21	26	94	49	47
% Change		-39.3%	-41.5%	105.3%	-73.1%	23.8%	261.5%	-47.9%	-4.1%
Total	3,495	2,567	3,501	4,268	3,545	3,666	4,324	4,658	4,958
% Change		-26.6%	36.4%	21.9%	-16.9%	3.4%	17.9%	7.7%	6.4%

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

Figure 4.11 Landings Trend by Major Lakes Saskatchewan, 1992 - 2000

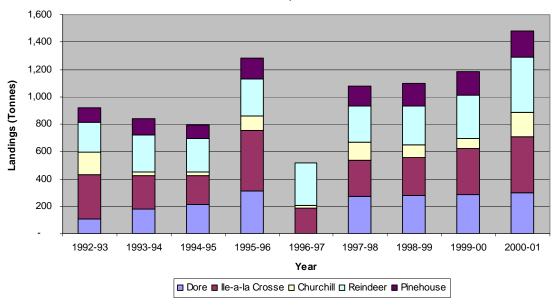


Figure 4.12 Landed Value Trend by Major Lakes Saskatchewan, 1992 - 2000

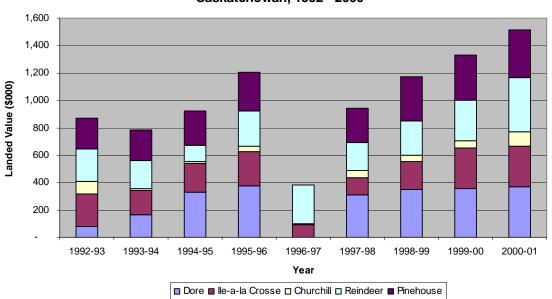


Table 4.6 Landings and Landed Value Trend by Major Lakes Saskatchewan, 1992 - 2000

Major Lakes	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)		•				-			
Dore	107	179	214	311	-	272	276	287	296
% Change		67.3%	19.6%	45.3%			1.5%	4.0%	3.1%
Ile-a-la Crosse	321	242	209	446	183	261	281	333	412
% Change		-24.6%	-13.6%	113.4%	-59.0%	42.6%	7.7%	18.5%	23.7%
Churchill	167	26	25	100	19	133	91	73	178
% Change		-84.4%	-3.8%	300.0%	-81.0%	600.0%	-31.6%	-19.8%	143.8%
Reindeer	219	271	246	275	316	265	287	321	404
% Change		23.7%	-9.2%	11.8%	14.9%	-16.1%	8.3%	11.8%	25.9%
Pinehouse	103	122	102	153	-	148	161	170	193
% Change		18.4%	-16.4%	50.0%			8.8%	5.6%	13.5%
Total	917	840	796	1,285	518	1,079	1,096	1,184	1,483
% Change		-8.4%	-5.2%	61.4%	-59.7%	108.3%	1.6%	8.0%	25.3%
% of Total Landings	30.3%	33.4%	31.0%	36.8%	14.3%	33.6%	33.1%	31.5%	35.7%
Total Landings*	3,030	2,517	2,571	3,496	3,615	3,215	3,310	3,760	4,158
Landed Value (\$000)									
Dore	80	165	326	376	-	307	347	355	372
% Change		106.3%	97.6%	15.3%			13.0%	2.3%	4.8%
Ile-a-la Crosse	239	179	215	250	90	126	207	300	293
% Change		-25.1%	20.1%	16.3%	-64.0%	40.0%	64.3%	44.9%	-2.3%
Churchill	89	13	15	41	8	56	47	49	108
% Change		-85.4%	15.4%	173.3%	-80.5%	600.0%	-16.1%	4.3%	120.4%
Reindeer	239	203	116	255	282	203	246	298	393
% Change		-15.1%	-42.9%	119.8%	10.6%	-28.0%	21.2%	21.1%	31.9%
Pinehouse	225	221	250	282	-	247	327	325	347
% Change		-1.8%	13.1%	12.8%			32.4%	-0.6%	6.8%
Total	872	781	922	1,204	380	939	1,174	1,327	1,513
% Change		-10.4%	18,1%	30.6%	-68.4%	147.1%	25.0%	13.0%	14.0%
% of Total Landed Value	24.9%	30.4%	26.3%	28.2%	10.7%	25.6%	27.2%	28.5%	30.5%
Total Landed Value**	3,495	2,567	3,501	4,267	3,546	3,664	4,323	4,658	4,960

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, 1992 – 2000

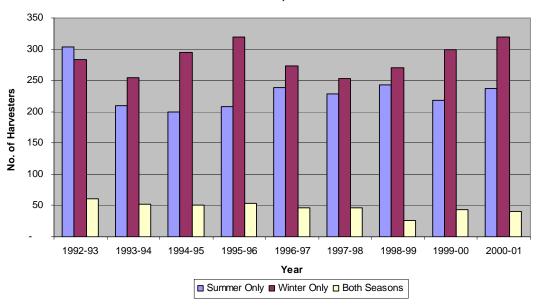


Table 4.7 Number of Self-Employed Harvesters Trend by Season Fished Saskatchewan, 1992 - 2000

Season	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Summer Only	304	209	199	208	238	228	243	219	237
% Change		-31.3%	-4.8%	4.5%	14.4%	-4.2%	6.6%	-9.9%	8.2%
Winter Only	284	254	295	319	274	253	271	299	320
% Change		-10.6%	16.1%	8.1%	-14.1%	-7.7%	7.1%	10.3%	7.0%
Both	61	52	51	53	46	47	26	43	41
% Change		-14.8%	-1.9%	3.9%	-13.2%	2.2%	-44.7%	65.4%	-4.7%
Total	649	515	545	580	558	528	540	561	598
% Change	-	-20.6%	5.8%	6.4%	-3.8%	-5.4%	2.3%	3.9%	6.6%

Figure 4.14
Number of Self-Employed Harvesters by Landed Value
Saskatchewan, 1992 - 2000

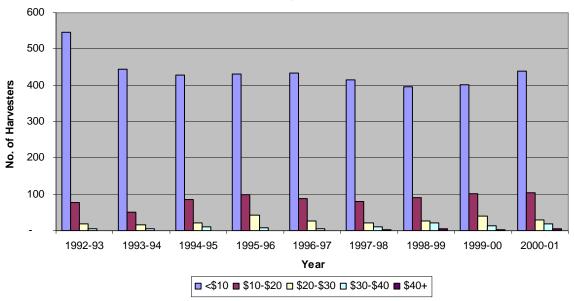


Table 4.8
Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed Value Saskatchewan, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Average Payment (\$)									
\$0-\$10,000	3,187	3,074	3,244	3,378	3,326	3,810	3,674	4,155	4,182
\$10,001-\$20,000	13,671	13,066	13,709	14,414	13,225	13,457	13,832	13,237	13,470
\$20,001-\$30,000	24,111	23,973	25,918	25,054	25,330	25,131	24,573	24,815	24,722
\$30,001-\$40,000*	36,588	37,227	39,710	36,763	35,074	32,906	33,962	33,628	34,277
\$40,001+						51,260	49,083	47,708	58,392
Average Weight (t)									
\$0-\$10,000	2,306	2,504	2,153	2,122	2,638	3,384	2,731	2,800	3,350
\$10,001-\$20,000	8,763	9,319	7,356	8,945	9,445	11,759	11,935	10,069	11,378
\$20,001-\$30,000	11,954	14,814	14,028	15,162	22,303	21,748	17,428	22,150	24,114
\$30,001-\$40,000*	29,467	35,688	20,606	25,045	23,773	29,241	23,399	27,438	25,823
\$40,001+						42,109	37,362	49,740	51,026
No. of Self-Employed H	arvesters					-	_	•	
\$0-\$10,000	546	445	429	430	435	414	396	401	439
\$10,001-\$20,000	77	50	85	99	89	80	92	102	105
\$20,001-\$30,000	20	15	21	42	28	21	26	41	30
\$30,001-\$40,000*	6	5	10	9	6	10	21	13	18
\$40,001+						<4	5	4	6
Total**	649	515	545	580	558	525	540	561	598
% Change		-20.6%	5.8%	6.4%	-3.8%	-5.4%	2.3%	3.9%	6.6%

Note: \* Indicates 30001+ for the period 1992-96; \*\*Total does not include the number for less than 4.

Figure 4.15

Number of Full-Time Equivalent Employment Trend by Landed Value
Saskatchewan, 1992 - 2000

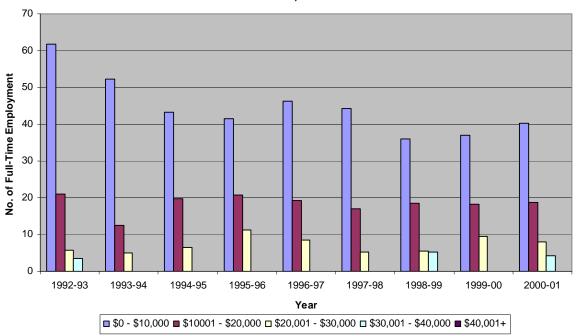


Table 4.9 Number of Full-Time Equivalent Employment Trend by Landed Value Saskatchewan, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
\$0-\$10,000	62	52	43	42	46	44	36	37	40
\$10,001-\$20,000	21	13	20	21	19	17	18	18	19
\$20,001-\$30,000	6	5	6	11	9	5	6	9	8
\$30,001-\$40,000	4	<4	<4	<4	<4	<4	5	<4	4
\$40,001+				0	0	<4	<4	<4	<4
Total	92	70	69	73	74	66	65	64	72
% Change		-24.1%	-0.5%	5.9%	0.7%	-10.2%	-1.9%	-0.8%	10.3%

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

**Section 5:** 

Manitoba

Figure 5.1 Landings by Species Manitoba, 2000/01 Total: 15,016 Tonnes

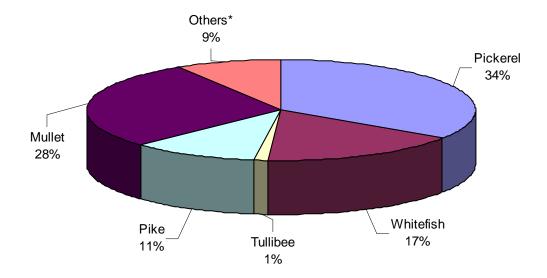
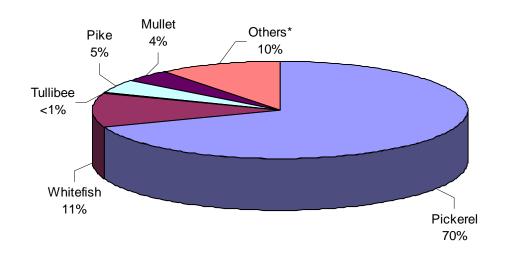


Figure 5.2 Landed Value by Species Manitoba, 2000/01 Total: \$31.3 Million



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

Table 5.1 Landings, Landed and Market Values by Species Manitoba, 2000/01

Species	Landings (t)	Landed Value (\$000)	Market Value (\$000)
Whitefish	2,526	3,585	7,102
Pickerel	5,156	21,641	29,336
Sauger	584	1,990	2,928
Lake Trout	27	23	50
Northern Pike	1,613	1,414	3,435
Tullibee	139	91	290
Perch	160	886	1,058
Mullet	4,245	1,284	3,990
Carp	470	190	418
Others*	96	195	433
Total	15,016	31,299	49,040

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

Figure 5.3 Landings by Major Lakes Manitoba, 2000/01 Total: 10,937 Tonnes

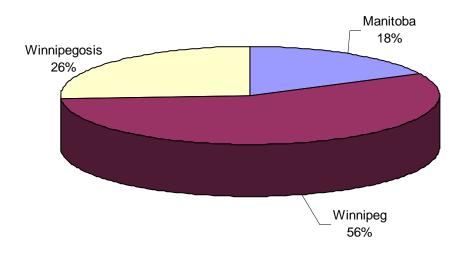


Figure 5.4 Landed Value by Major Lakes Manitoba, 2000/01 Total: \$24.8 Million

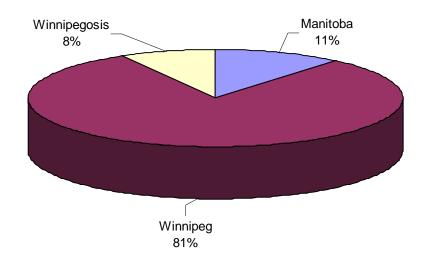


Table 5.2 Landings and Landed Value by Species and Major Lakes Manitoba, 2000/01

			Major L	akes				
	Lake Ma	anitoba	Lake W	innipeg	Lake Win	nipegosis	Man	itoba
Species	Landings (t)	Landed Value (\$000)	Landings (t)	Landed Value (\$000)	Landings (t)	Landed Value (\$000)	Landings (t)	Landed Value (\$000)
Whitefish	10	14	1,376	2,078	91	138	2,526	3,585
Pickerel	415	1,666	3,658	15,321	213	951	5,156	21,641
Sauger	27	92	543	1,851	0	1	584	1,990
Lake Trout	0	0	1	0	0	0	27	23
Northern Pike	76	67	132	115	306	272	1,613	1,414
Tullibee	0	0	0	0	0	0	139	91
Perch	86	476	62	344	4	17	160	886
Mullet	1,073	314	224	68	2,152	667	4,245	1,284
Carp	228	91	123	52	80	32	470	190
Others*	0	0	56	152	1		96	195
Total	1,916	2,719	6,174	19,982	2,847	2,077	15,015	31,298

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

Figure 5.5
Self-Employed Harvesters by Season
Manitoba, 2000/01
Total: 1,869 Harvesters

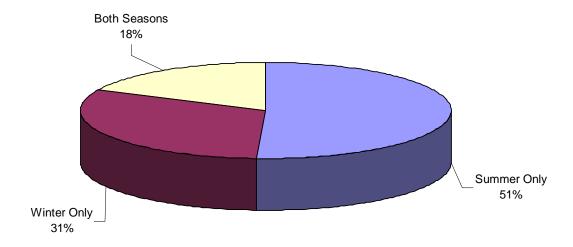
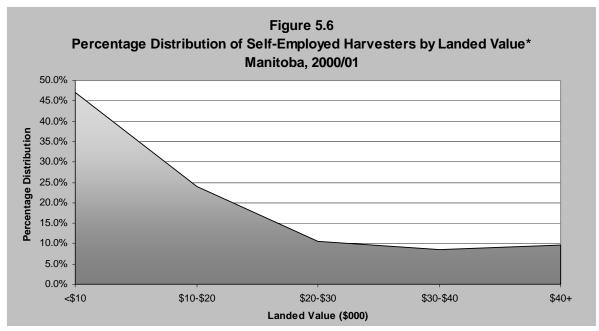


Table 5.3 Number of Self-Employed Harvesters by Season Fished Manitoba, 2000/01

Season	Self-Employed
Summer Only	948
Winter Only	582
Both Seasons	339
Total	1,869



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

Figure 5.7
Average Payment, Weight, and the Number of Self-Employed
Harvesters by Landed Value
Manitoba, 2000/01

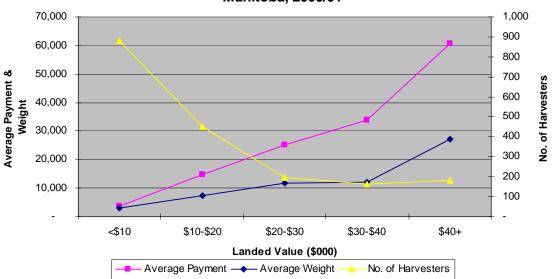


Figure 5.8

Number of Full-Time Equivalent Employment by Landed Value

Manitoba, 2000/01

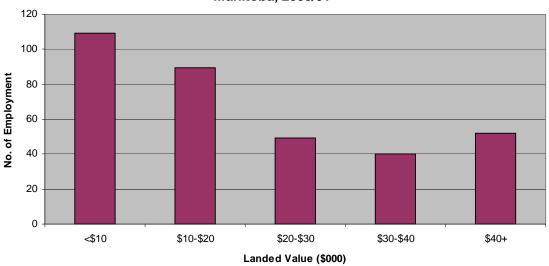


Table 5.4
Landings, Landed Value, Number of Full-Time Equivalent Employment and Fishing
Effort by Landed Value
Manitoba, 2000/01

Landed Value	No. of	Full-Time	Averages Per Harvesters					
	Harvesters	Employment	Deliveries	Weeks	Weights (lb.)	Payments (\$)		
\$0 - \$10,000	882	109	17	6	2,870	3,684		
\$10,001 - \$20,000	448	89	33	10	7,428	14,856		
\$20,001 - \$30,000	197	49	45	13	11,857	25,283		
\$30,001 - \$40,000	161	40	49	13	11,906	33,870		
\$40,001+	181	52	59	15	27,151	60,611		

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, 1992 – 2000

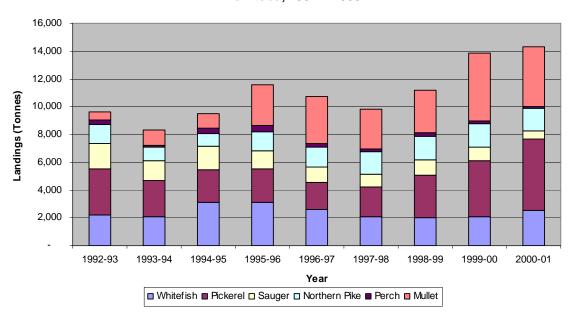


Figure 5.10 Landed Value Trend by Major Species Manitoba, 1992 – 2000

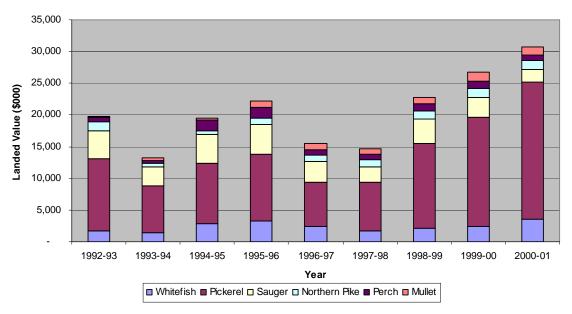


Table 5.5 Landings and Landed Value Trend by Species Manitoba, 1992 - 2000

Species	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)		-		-		-			
Whitefish	2,226	2,096	3,120	3,126	2,615	2,079	1,993	2,066	2,526
% Change		-5.8%	48.9%	0.2%	-16.3%	-20.5%	-4.1%	3.7%	22.3%
% of Total Landings	22.0%	23.3%	30.9%	25.6%	22.6%	19.9%	16.9%	14.1%	16.8%
Pickerel	3,282	2,557	2,370	2,381	1,963	2,119	3,080	4,021	5,156
% Change		-22.1%	-7.3%	0.5%	-17.6%	7.9%	45.4%	30.6%	28.2%
% of Total Landings	32.4%	28.4%	23.5%	19.5%	16.9%	20.3%	26.1%	27.5%	34.3%
Sauger	1,843	1,433	1,692	1,318	1,098	968	1,126	1,011	584
% Change		-22.2%	18.1%	-22.1%	-16.7%	-11.8%	16.3%	-10.2%	-42.2%
% of Total Landings	18.2%	15.9%	16.8%	10.8%	9.5%	9.3%	9.5%	6.9%	3.9%
Northern Pike	1,377	978	890	1,342	1,414	1,568	1,677	1,670	1,613
% Change		-29.0%	-9.0%	50.8%	5.4%	10.9%	7.0%	-0.4%	-3.4%
% of Total Landings	13.6%	10.9%	8.8%	11.0%	12.2%	15.0%	14.2%	11.4%	10.7%
Perch	339	165	382	502	277	229	246	225	160
% Change		-51.3%	131.5%	31.4%	-44.8%	-17.3%	7.4%	-8.5%	-28.9%
% of Total Landings	3.3%	1.8%	3.8%	4.1%	2.4%	2.2%	2.1%	1.5%	1.1%
Mullet	528	1,127	1,036	2,891	3,397	2,828	3,079	4,881	4,245
% Change		113.4%	-8.1%	179.1%	17.5%	-16.8%	8.9%	58.5%	-13.0%
% of Total Landings	5.2%	12.5%	10.3%	23.6%	29.3%	27.1%	26.1%	33.4%	28.3%
Others*	538	641	596	672	831	648	609	758	732
% Change		19.1%	-7.0%	12.8%	23.7%	-22.0%	-6.0%	24.5%	-3.4%
% of Total Landings	5.3%	7.1%	5.9%	5.5%	7.2%	6.2%	5.2%	5.2%	4.9%
Total	10,133	8,997	10,086	12,232	11,595	10,439	11,810	14,632	15,016
% Change		-11.2%	12.1%	21.3%	-5.2%	-10.0%	13.1%	23.9%	2.6%
Landed Value (\$000)									
Whitefish	1,667	1,396	2,898	3,220	2,439	1,714	2,108	2,396	3,585
% Change		-16.3%	107.6%	11.1%	-24.3%	-29.7%	23.0%	13.7%	49.6%
Pickerel	11,435	7,446	9,426	10,598	6,977	7,656	13,375	17,182	21,641
% Change		-34.9%	26.6%	12.4%	-34.2%	9.7%	74.7%	28.5%	26.0%
Sauger	4,355	2,909	4,570	4,642	3,179	2,504	3,807	3,152	1,990
% Change		-33.2%	57.1%	1.6%	-31.5%	-21.2%	52.0%	-17.2%	-36.9%
Northern Pike	1,494	675	625	997	1,007	1,104	1,393	1,427	1,414
% Change		-54.8%	-7.4%	59.5%	1.0%	9.6%	26.2%	2.4%	-0.9%
Perch	716	420	1,649	1,790	895	877	1,142	1,119	886
% Change		-41.3%	292.6%	8.6%	-50.0%	-2.0%	30.2%	-2.0%	-20.8%
Mullet	178	378	370	926	1,015	780	929	1,451	1,284
% Change		112.4%	-2.1%	150.3%	9.6%	-23.2%	19.1%	56.2%	-11.5%
Others*	382	363	309	392	453	409	406	435	499
% Change		-5.0%	-14.9%	26.9%	15.6%	-9.7%	-0.7%	7.1%	14.7%
Total	20,227	13,587	19,847	22,565	15,965	15,044	23,160	27,162	31,299
% Change	-	-32.8%	46.1%	13.7%	-29.2%	-5.8%	53.9%	17.3%	15.2%

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

Figure 5.11 Landings by Major Lakes Manitoba, 1992 - 2000

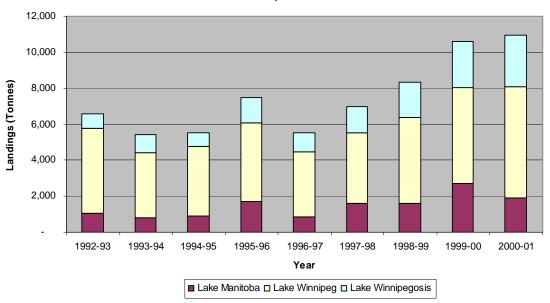


Figure 5.12 Landed Value by Major Lakes Manitoba, 1992 - 2000

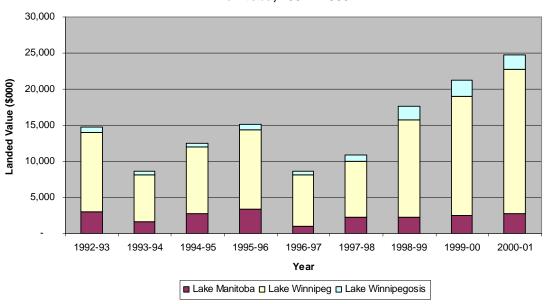


Table 5.6 Landings and Landed Value by Major Lakes Manitoba, 1992 - 2000

Major Lakes	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)									
Lake Manitoba	1,047	795	887	1,688	873	1,602	1,594	2,715	1,916
% Change		-24.1%	11.6%	90.3%	-48.3%	83.5%	364.7%	70.3%	-29.4%
Lake Winnipeg	4,714	3,624	3,882	4,387	3,611	3,907	4,761	5,334	6,174
% Change		-23.1%	7.1%	13.0%	-17.7%	8.2%	197.2%	12.0%	15.7%
Lake Winnipegosis	817	983	779	1,409	1,025	1,458	1,991	2,558	2,847
% Change		20.3%	-20.8%	80.9%	-27.3%	42.2%	-49.0%	28.5%	11.3%
Total	6,578	5,402	5,548	7,484	5,509	6,967	8,346	10,607	10,937
% Change		-17.9%	2.7%	34.9%	-26.4%	26.5%	19.8%	27.1%	3.1%
% of Total Landings	64.9%	60.0%	55.0%	61.2%	47.5%	66.7%	70.7%	72.5%	72.8%
Total Landings*	10,556	9,739	10,086	12,231	11,594	10,439	11,811	14,633	15,016
Landed Value (\$000)									
Lake Manitoba	2,970	1,618	2,782	3,354	977	2,237	2,273	2,559	2,719
% Change		-45.5%	71.9%	20.6%	-70.9%	129.0%	681.1%	12.6%	6.3%
Lake Winnipeg	11,074	6,546	9,246	11,017	7,202	7,784	13,510	16,487	19,982
% Change		-40.9%	41.2%	19.2%	-34.6%	8.1%	503.9%	22.0%	21.2%
Lake Winnipegosis	688	465	448	699	435	832	1,899	2,250	2,077
% Change		-32.4%	-3.7%	56.0%	-37.8%	91.3%	-75.6%	18.5%	-7.7%
Total	14,732	8,629	12,476	15,070	8,614	10,853	17,682	21,296	24,778
% Change		-41.4%	44.6%	20.8%	-42.8%	26.0%	62.9%	20.4%	16.4%
% of Total Landed Value	72.8%	63.5%	62.9%	66.8%	54.0%	72.1%	76.3%	78.4%	79.2%
Total Landed Value**	21,153	14,871	19,847	22,564	15,966	15,045	23,160	27,161	31,298

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, 1992 – 2000

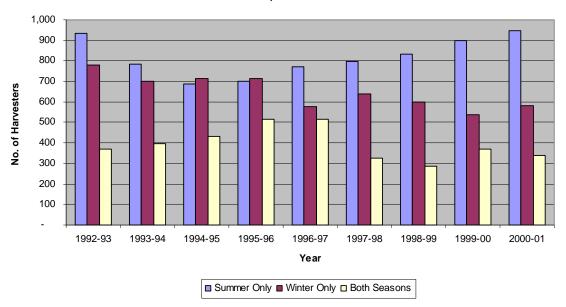


Table 5.7 Number of Self-Employed Harvesters Trend by Season Fished Manitoba, 1992 - 2000

Season	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Summer Only	933	786	687	702	770	798	834	900	948
% Change		-15.8%	-12.6%	2.2%	9.7%	3.6%	4.5%	7.9%	5.3%
Winter Only	778	701	715	715	577	638	601	536	582
% Change		-9.9%	2.0%	0.0%	-19.3%	10.6%	-5.8%	-10.8%	8.6%
Both Seasons	370	395	433	517	515	326	288	369	339
% Change		6.8%	9.6%	19.4%	-0.4%	-36.7%	-11.7%	28.1%	-8.1%
Total	2,081	1,882	1,835	1,934	1,862	1,762	1,723	1,805	1,869
% Change		-9.6%	-2.5%	5.4%	-3.7%	-5.4%	-2.2%	4.8%	3.5%

Figure 5.14 Number of Self-Employed Harvesters by Landed Value Manitoba, 1992 - 2000

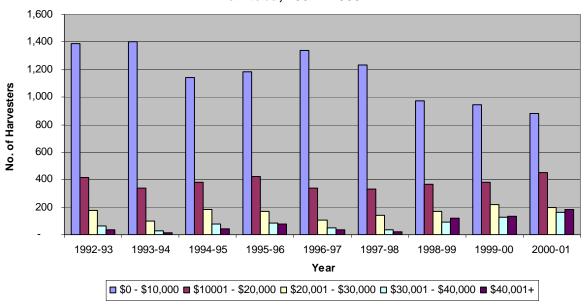


Table 5.8
Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value
Manitoba, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Average Payment (\$)									
\$0 - \$10,000	3,789	3,244	3,663	3,980	3,668	3,546	3,827	3,926	3,684
\$10,001 - \$20,000	14,578	14,211	14,562	14,269	14,027	13,939	14,058	14,598	14,856
\$20,001 - \$30,000	24,355	24,089	24,064	24,363	23,647	23,445	24,803	24,603	25,283
\$30,001 - \$40,000	34,453	35,255	34,698	34,099	34,997	34,090	33,818	34,399	33,870
\$40,001+	66,213	63,483	64,877	63,692	66,328	66,595	57,876	60,519	60,611
Average Weight (t)	_			_		_			
\$0 - \$10,000	1,870	1,944	1,823	2,220	2,493	2,912	3,059	3,043	2,870
\$10,001 - \$20,000	6,044	7,727	6,045	3,130	7,826	9,654	8,038	8,119	7,428
\$20,001 - \$30,000	9,832	12,725	9,719	9,506	11,742	13,473	11,261	11,661	11,857
\$30,001 - \$40,000	4,534	18,184	13,571	14,188	16,391	18,830	13,084	15,142	11,906
\$40,001+	29,158	37,553	29,383	25,644	36,911	46,574	27,304	31,136	27,151
No. of Self-Employed H	arvesters								
\$0 - \$10,000	1,389	1,402	1,142	1,184	1,336	1,232	974	945	882
\$10,001 - \$20,000	418	339	384	421	339	331	366	380	448
\$20,001 - \$30,000	176	100	186	167	109	141	172	220	197
\$30,001 - \$40,000	60	28	79	85	46	34	91	124	161
\$40,001+	38	13	44	77	32	21	120	136	181
Total	2,081	1,882	1,835	1,934	1,862	1,759	1,723	1,805	1,869
% Change		-9.6%	-2.5%	5.4%	-3.7%	-5.5%	-2.0%	4.8%	3.5%

Figure 5.15 Number of Full-Time Equivalent Employment Trend by Landed Value Manitoba, 1992 - 2000

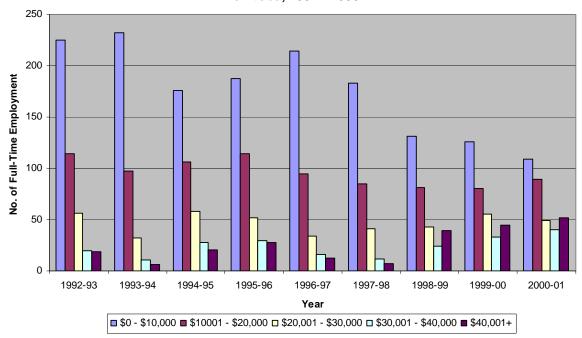


Table 5.9 Number of Full-Time Equivalent Employment Trend by Landed Value Manitoba, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
\$0-\$10,000	225	232	176	187	215	183	132	126	109
\$10,001-\$20,000	115	98	106	114	95	85	81	80	89
\$20,001-\$30,000	56	32	58	52	34	41	43	55	49
\$30,001-\$40,000	20	11	28	29	16	12	25	33	40
\$40,001+	18	6	21	28	12	7	39	44	52
Total	434	379	390	410	372	327	319	339	340
% Change		-12.7%	2.9%	5.1%	-9.3%	-12.1%	-2.4%	6.3%	0.3%

## **Section 6:**

Northwest Territories

Figure 6.1
Landings by Species
Northwest Territories, 2000/01
Total: 1,200 Tonnes

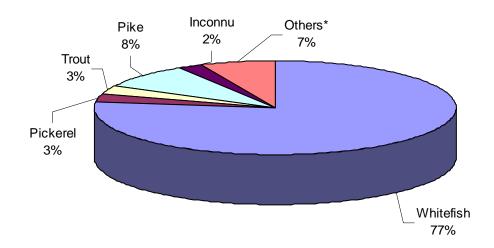
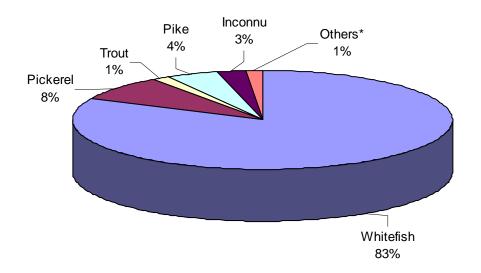


Figure 6.2
Landed Value by Species
Northwest Territories, 2000/01
Total: \$1.7 Million



Note: \*Includes burbot, goldeye, mullet, tullibee.

Table 6.1 Landings, Landed and Market Values by Species Northwest Territories, 2000/01

Species	Landings (t)	Landed Value (\$000)	Market Value (\$000)
Whitefish	924	1,379	2,649
Pickerel	32	134	182
Lake Trout	39	24	72
Northern Pike	98	73	208
Inconnu	29	44	77
Others*	79	22	82
Total	1,200	1,676	3,270

Note: \* Includes burbot, goldeye, mullet, tullibee.

Figure 6.3 Landings by Major Lakes Northwest Territories, 2000/01 Total: 1,194 Tonnes

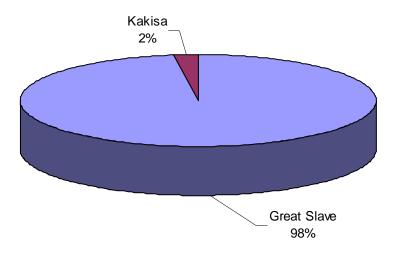


Figure 6.4 Landed Value by Major Lakes Northwest Territories, 2000/01 Total: \$1.7 Million

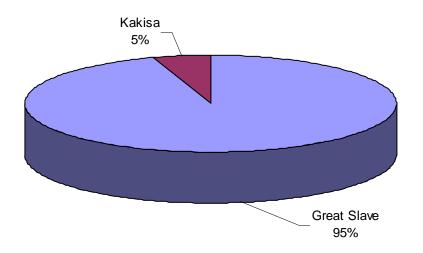


Table 6.2 Landings and Landed Value by Species and Major Lakes Northwest Territories, 2000/01

		Major					
	Great 9	Slave	Kak	isa	NWT		
Species	Landings (t)	Landed Landings Value (t) (\$000)		Landed Value (\$000)	Landings (t)	Landed Value (\$000)	
Whitefish	924	1,380	0	0	924	1,380	
Pickerel	9	40	20	79	32	134	
Lake Trout	39	24	0	0	39	24	
Northern Pike	91	68	5	4	98	73	
Inconnu	29	44	0	0	29	44	
Others*	77	20	0	0	77	20	
Total	1,169	1,576	25	83	1,200	1,676	

Note: \* Includes burbot, goldeye, mullet, tullibee.

Figure 6.5
Self-Employed Harvesters by Season
Northwest Territories, 2000/01
Total: 136 Harvesters

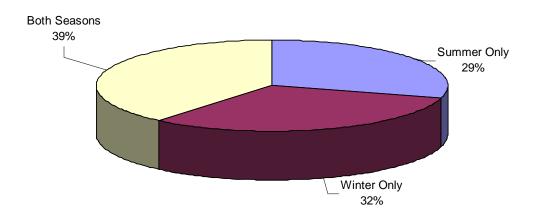
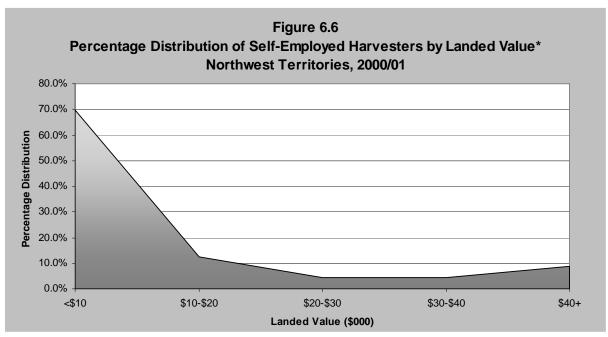


Table 6.3 Number of Self-Employed Harvesters by Season Fished Northwest Territories, 2000/01

Season	Self-Employed
Summer Only	40
Winter Only	43
Both Seasons	53
Total	136



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

Figure 6.7
Average Payment, Weight, and the Number of Self-Employed
Harvesters by Landed Value
Northwest Territories, 2000/01

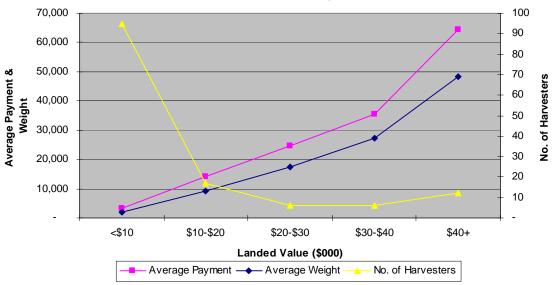


Figure 6.8

Number of Full-Time Equivalent Employment by Landed Value

Northwest Territories, 2000/01

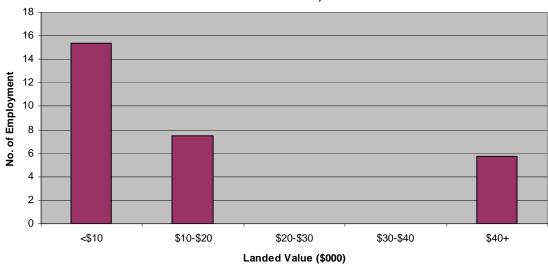


Table 6.4
Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value
Northwest Territories, 2000/01

Landed Value	No. of	Full-Time		Averages	verages Per Harvesters			
	Harvesters	Employment	Deliveries	Weeks	Weights (lb.)	Payments (\$)		
\$0 - \$10,000	95	15	22	8	2,059	3,183		
\$10,001 - \$20,000	17	8	72	23	9,278	14,131		
\$20,001 - \$30,000	6	<4	50	19	17,411	24,711		
\$30,001 - \$40,000	6	<4	67	21	27,132	35,492		
\$40,001+	12	6	14	25	48,298	64,412		

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, 1992 - 2000

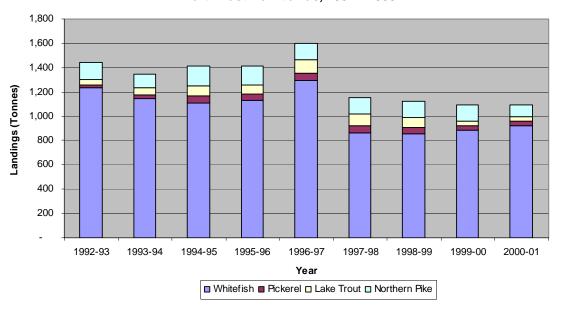


Figure 6.10
Landed Value Trend by Major Species
Northwest Territories, 1992 - 2000

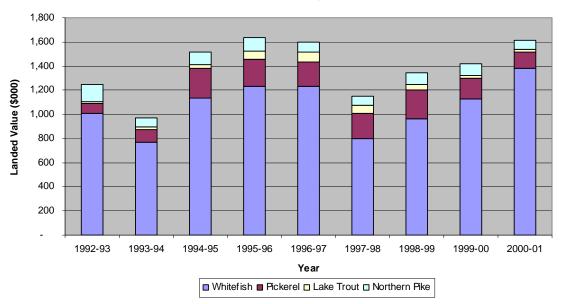


Table 6.5
Landings and Landed Value Trend by Species
Northwest Territories, 1992 - 2000

Species	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)	_	-		_		_	_	_	
Whitefish	1,233	1,143	1,108	1,131	1,297	865	856	888	924
% Change		-7.3%	-3.1%	2.1%	14.7%	-33.3%	-1.0%	3.7%	4.1%
% of Total Landings	78.4%	78.8%	70.1%	69.6%	69.5%	69.0%	65.7%	71.3%	76.9%
Pickerel	26	34	59	50	57	57	49	38	32
% Change		30.8%	73.5%	-15.3%	14.0%	0.0%	-14.0%	-22.4%	-15.8%
% of Total Landings	1.7%	2.3%	3.7%	3.1%	3.1%	4.5%	3.8%	3.0%	2.7%
Lake Trout	41	61	81	78	112	99	85	37	39
% Change		48.8%	32.8%	-3.7%	43.6%	-11.6%	-14.1%	-56.5%	5.4%
% of Total Landings	2.6%	4.2%	5.1%	4.8%	6.0%	7.9%	6.5%	3.0%	3.2%
Northern Pike	140	112	162	156	136	132	135	133	98
% Change		-20.0%	44.6%	-3.7%	-12.8%	-2.9%	2.3%	-1.5%	-26.3%
% of Total Landings	8.9%	7.7%	10.3%	9.6%	7.3%	10.5%	10.4%	10.7%	8.2%
Inconnu	23	35	37	49	65	43	27	40	29
% Change		52.2%	5.7%	32.4%	32.7%	-33.8%	-37.2%	48.1%	-27.5%
% of Total Landings	1.5%	2.4%	2.3%	3.0%	3.5%	3.4%	2.1%	3.2%	2.4%
Others*	110	65	133	160	199	58	150	110	79
% Change		-40.9%	104.6%	20.3%	24.4%	-70.9%	158.6%	-26.7%	-28.2%
% of Total Landings	7.0%	4.5%	8.4%	9.9%	10.7%	4.6%	11.5%	8.8%	6.6%
Total	1,573	1,450	1,580	1,624	1,866	1,254	1,302	1,246	1,201
% Change		-7.8%	9.0%	2.8%	14.9%	-32.8%	3.8%	-4.3%	-3.6%
Landed Value (\$000)									
Whitefish	1,005	766	1,135	1,232	1,230	796	963	1,127	1,379
% Change		-23.8%	48.2%	8.5%	-0.2%	-35.3%	21.0%	17.0%	22.4%
Pickerel	83	105	246	227	207	211	236	170	134
% Change		26.5%	134.3%	-7.7%	-8.8%	1.9%	11.8%	-28.0%	-21.2%
Lake Trout	19	27	31	68	79	65	48	24	24
% Change		42.1%	14.8%	119.4%	16.2%	-17.7%	-26.2%	-50.0%	0.0%
Northern Pike	144	71	106	108	79	81	101	97	73
% Change		-50.7%	49.3%	1.9%	-26.9%	2.5%	24.7%	-4.0%	-24.7%
Inconnu	44	66	93	102	112	73	34	56	44
% Change		50.0%	40.9%	9.7%	9.8%	-34.8%	-53.4%	64.7%	-21.4%
Others*	116	142	357	435	304	17	66	51	22
% Change		22.4%	151.4%	21.8%	-30.1%	-94.4%	288.2%	-22.7%	-56.9%
Total	1,411	1,177	1,968	2,172	2,011	1,243	1,448	1,525	1,676
% Change		-16.6%	67.2%	10.4%	-7.4%	-38.2%	16.5%	5.3%	9.9%

Notes: \* includes whitefish roe, burbot, and goldeye.

Figure 6.11 Landings Trend by Major Lakes Northwest Territories, 1992 - 2000

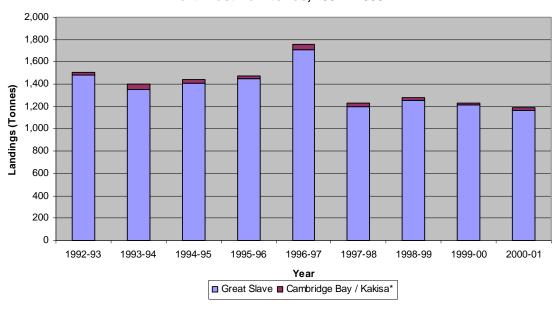


Figure 6.12
Landed Value Trend by Major Lakes
Northwest Territories, 1992 - 2000

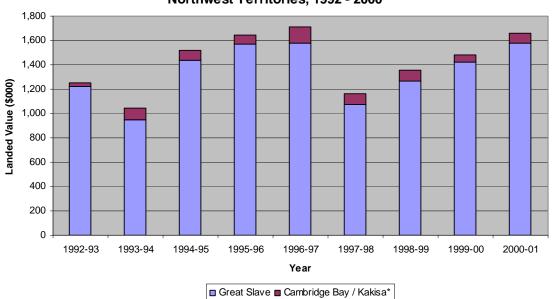


Table 6.6 Landings and Landed Value by Major Lakes Northwest Territories, 1992 - 2000

Major Lakes	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Landings (t)									
Great Slave	1,484	1,354	1,410	1,446	1,712	1,201	1,257	1,212	1,169
% Change		-8.8%	4.1%	2.6%	18.4%	-29.8%	4.7%	-3.6%	-3.5%
Cambridge Bay / Kakisa*	25	50	34	31	44	29	25	22	25
% Change		100.0%	-32.0%	-8.8%	41.9%	-34.1%	-13.8%	-12.0%	13.6%
Total	1,509	1,404	1,444	1,477	1,756	1,230	1,282	1,234	1,194
% Change		-7.0%	2.8%	2.3%	18.9%	-30.0%	4.2%	-3.7%	-3.2%
% of Total Landings	95.9%	96.8%	91.4%	90.9%	94.1%	98.1%	98.5%	99.0%	99.4%
Total Landings**	1,573	1,450	1,580	1,624	1,866	1,254	1,302	1,246	1,201
Landed Value (\$000)									
Great Slave	1,219	949	1,437	1,567	1,577	1,071	1,270	1,422	1,576
% Change		-22.1%	51.4%	9.0%	0.6%	-32.1%	18.6%	12.0%	10.8%
Cambridge Bay / Kakisa*	33	94	82	76	136	89	82	63	83
% Change		184.8%	-12.8%	-7.3%	78.9%	-34.6%	-7.9%	-23.2%	31.7%
Total	1,252	1,043	1,519	1,643	1,713	1,160	1,352	1,485	1,659
% Change		-16.7%	45.6%	8.2%	4.3%	-32.3%	16.6%	9.8%	11.7%
% of Total Landed Value	88.7%	88.6%	77.2%	75.6%	85.2%	93.3%	93.4%	97.4%	99.0%
Total Landed Value***	1,411	1,177	1,968	2,172	2,011	1,243	1,448	1,525	1,676

Notes: \* Landed values for the period 1992-1996 and 1997-2000 are for Cambridge Bay and Kakis, respectively; \*\* 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, 1992 - 2000

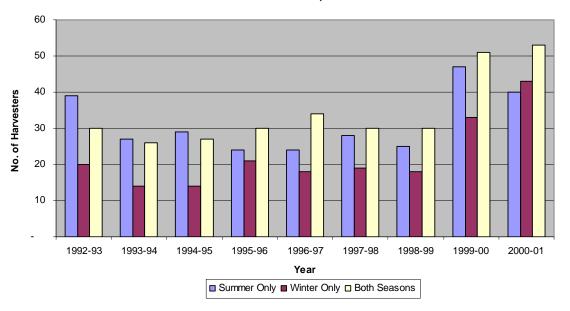


Table 6.7 Number of Self-Employed Harvesters Trend by Season Fished Northwest Territories, 1992 - 2000

Season	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Summer Only	39	27	29	24	24	28	25	47	40
% Change		-30.8%	7.4%	-17.2%	0.0%	16.7%	-10.7%	88.0%	-14.9%
Winter Only	20	14	14	21	18	19	18	33	43
% Change		-30.0%	0.0%	50.0%	-14.3%	5.6%	-5.3%	83.3%	30.3%
Both Seasons	30	26	27	28	34	27	29	47	53
% Change		-13.3%	3.8%	11.1%	13.3%	-11.8%	0.0%	70.0%	3.9%
Total	89	66	70	73	76	74	72	133	136
% Change		-25.4%	5.5%	7.5%	0.7%	1.8%	-5.7%	82.2%	2.6%

Figure 6.14

Number of Self-Employed Harvesters Trend by Landed Value

Northwest Territories, 1992 - 2000

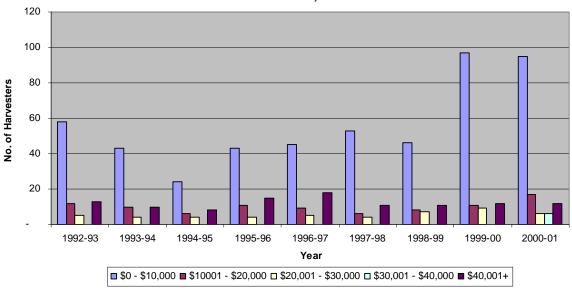


Table 6.8
Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value Range
Northwest Territories, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Average Payment (\$)									
\$0-\$10,000	2,759	2,597	2,225	2,549	2,823	2,614	2,847	3,034	3,183
\$10,001-\$20,000	14,910	12,796	14,156	14,136	13,520	13,286	13,960	13,934	14,131
\$20,001-\$30,000	22,591	26,589	24,459	23,817	25,894	25,030	26,505	25,695	24,711
\$30,001-\$40,000	37,060	32,326	33,920	35,933	37,853	32,473	35,308	34,416	35,492
\$40,001+	65,280	62,352	65,907	87,154	83,011	75,062	89,477	64,755	64,412
Average Weight (t)	_			_		-		-	
\$0-\$10,000	2,589	2,345	1,338	1,749	2,212	2,733	2,641	2,339	2,059
\$10,001-\$20,000	10,751	14,775	9,192	10,006	12,260	13,172	11,769	10,666	9,278
\$20,001-\$30,000	21,468	31,025	14,270	20,233	16,324	22,830	19,640	22,184	17,411
\$30,001-\$40,000	9,741	44,119	21,895	17,193	29,446	40,432	50,901	25,415	27,132
\$40,001+	66,364	65,901	34,098	60,123	70,173	74,267	81,752	54,216	48,298
No. of Self-Employed H	arvesters								
\$0-\$10,000	58	43	24	43	45	53	46	97	95
\$10,001-\$20,000	12	10	6	11	9	6	8	11	17
\$20,001-\$30,000	5	4	4	4	5	4	7	9	6
\$30,001-\$40,000	<4	<4	<4	<4	<4	<4	<4	<4	6
\$40,001+	13	10	8	15	18	11	11	12	12
Total	88	66	42	73	76	74	72	129	136
% Change		-23.9%	-37.3%	73.8%	5.5%	-3.9%	-5.7%	82.2%	2.6%

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, 1992 - 2000

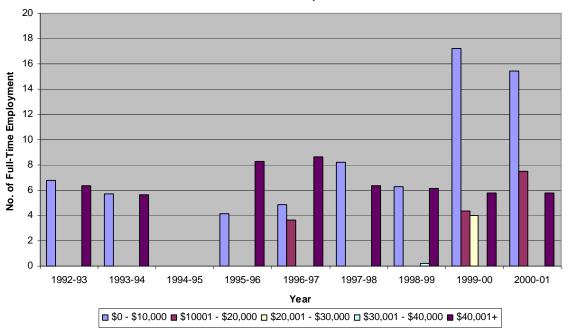


Table 6.9 Number of Full-Time Equivalent Employment Trend by Landed Value Northwest Territories, 1992 - 2000

Landed Value	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
\$0-\$10,000	7	6	<4	4	5	8	6	17	15
\$10,001-\$20,000	<4	<4	<4	<4	4	<4	<4	4	8
\$20,001-\$30,000	<4	<4	<4	<4	<4	<4	<4	4	<4
\$30,001-\$40,000	<4	<4				<4	0	<4	<4
\$40,001+	6	6	<4	8	9	6	6	6	6
Total	13	11	0	12	17	15	13	31	29
% Change		-13.8%			38.1%	-14.9%	-13.3%	147.9%	-8.6%

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