# Annual Summary of Fish Harvesting Activities 

# Western Canadian and Arctic Freshwater Fisheries 

## Volume 25

2006-2007

Freshwater Institute
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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, 2006 to April 30, 2007. 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:

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# Highlights <br> 2006-2007 

The following is a brief summary of key trends on commercial freshwater fish harvesting activity in FFMC participating jurisdictions for the fiscal year 2006-07. 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

- 16,854 metric tonnes ( t ) of fish were harvested. Landings are up by $0.7 \%$ from 2005-06.
- The landed and market values of the harvest are $\$ 30.9$ million and $\$ 55.5$ million, respectively.
- Of the total landings of 16,854 t, whitefish accounts for $32.1 \%$, up from $31.9 \%$ in 2005-06, pickerel accounts for $38.1 \%$, up from $35.6 \%$ in 2005-06, mullet accounts for $11.3 \%$ down from $15.8 \%$ in 2005-06, and northern pike accounts for $10.0 \%$ up from 7.9\% in 2005-06.
- As opposed to a slight increase in total landings in 2006-07 by $0.7 \%$ compared to 2005-06, the total landed value is up by $10.1 \%$ due to the increase in price.
- Of the total landings of $16,854 \mathrm{t}$, Lake Winnipeg $(6,354 \mathrm{t})$ accounted for the largest volume distantly followed by Lake Winnipegosis (1,119t), Lake Manitoba (1,093t) Lesser Slave (678t) and Lesser Great Slave (539t).
- The FFMC purchased catch from 2,239 self-employed harvesters in 2006-07 compared to 2,395 in 2005-06, a fall of $6.5 \%$. The number of self-employed harvesters falling in the landings range $\$ 0-\$ 10,000$ accounted for most of the fall.


## Section 2: Analysis by Jurisdiction

- Manitoba harvesters caught $69.8 \%$ of the total harvest and received $81.1 \%$ of the landed value which can be attributed to the high value of pickerel. Saskatchewan harvesters caught $15.2 \%$ of the harvest and received $8.9 \%$ of the landed value. Alberta caught $11.6 \%$ and received $8.2 \%$. Northwest Territories caught $3.4 \%$ and received $1.8 \%$.
- Of the total 2,629 harvesters, Manitoba has 1,714 (76.7\%), Saskatchewan has 366 (16.4\%), Northwest Territories has 77 (3.4\%), and Alberta has 77 (3.4\%).


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

## Alberta:

- 1,957t of fish were harvested. Landings are down by 24.4\% from 2005-06.
- Except pickerel, landings for all species are up. Whitefish landings, which accounts for $94.4 \%$ of provincial landings, are up by 28.1\% in 2006-07.
- The landed and market values of the harvest are $\$ 2.5$ million and $\$ 4.9$ million, respectively. Total landed value is up by 33.9\% from 2005-06.
- Utikuma Lake accounted for the largest volume (43.7\%) followed by Lesser Slave Lake (34.6\%).
- There are 77 self-employed harvesters in 2006-07 down from 86 (10.5\%) in 200506 . The decrease is mainly caused by the fall in winter season harvesters.
- The number of self-employed summer season harvesters is up by $45.8 \%$ in 200607 while the number of self-employed winter season harvesters is down by $48.6 \%$. The number of self-employed harvesters is down by $11.1 \%$ in both seasons.


## Saskatchewan:

- 2,556t of fish were harvested. Landings are down by 7.2\% from 2005-06.
- Except for whitefish, landings for all other species are down. Whitefish accounts for $41.2 \%$ of the total harvests, up from $35.9 \%$ in 2005-06, followed by pickerel at $17.4 \%$, up from 17.0\% in 2005-06.
- The landed and market values of the harvest are $\$ 2.7$ million and $\$ 6.1$ million, respectively. The total landed value is down by $2.5 \%$ in 2006-07.
- Reindeer Lake accounted for the largest volume (17.9\% of $2,556 t$ ) followed by Ile-a-la Crosse lake (8.9\% of 2,556t).
- The number of self-employed harvesters is down from 506 in 2005-06 to 366 in 2006-07 across all categories. The number of self-employed harvesters both in winter season and summer season fell by $35.0 \%$ and $14.6 \%$ in 2006-07, respectively.


## Manitoba:

- 11,758t of fish were harvested. Landings are up by 1.2\% from 2005-06.
- Of the major species, the landings for whitefish, sauger and mullet are down. Pickerel landings, which accounts for $50.6 \%$ of the total landings, are up by $9.5 \%$ in 2006-07, and whitefish, which accounts for $17.4 \%$, are down by $10.3 \%$ in 2006-07.
- The landed and market values of the harvest are $\$ 25.1$ million and $\$ 43.1$ million, respectively. Total landed value is up by 10.5\% from 2005-06.
- Lake Winnipeg accounts for most of the catch (54.0\% of $11,758 \mathrm{t}$ ) followed by the Lake Winnipegosis ( $9.5 \%$ of $11,758 \mathrm{t}$ ).
- The number of self-employed harvesters is 1,714 , slightly up by $0.4 \%$ from 200506. The number of self-employed summer season harvesters is down by $62.2 \%$ in 2006-07 and is up by $152.2 \%$ for winter season and $15.6 \%$ for both seasons’ harvesters.


## Northwest Territories:

- $565 t$ of fish were harvested. Landings are down by 37.3\% from 2005-06.
- Except for pickerel, landings of all other species are down by 38.8\% in 2006-07. Whitefish landings accounts for $80.2 \%$ of the total harvests 565 t and are down by $37.8 \%$ in 2006-07. In contrast, lake trout and pickerel which account for $6.5 \%$ and $5.1 \%$ of 565t, respectively, are down by 12.0 in 2006-07.
- The landed and market values of the harvest are $\$ 0.6$ million and $\$ 1.5$ million, respectively. The total landed value is down by 30.2\% from 2005-06.
- Great Slave Lake accounts for most for the landings (95.4\% of 565t) followed by Kakisa Lake (2.6\% of 565t).
- The number of self-employed harvesters is down from 95 in 2005-06 to 77 in 2006-07. The numbers of self-employed winter season harvesters is up from 6 in 2005-06 to 61 in 2006-07. On the other hand, the number of self-employed summer season harvesters is down from 65 in 2005-06 to 5 in 2006-07. The number of self-employed harvesters harvesting both seasons is down from 24 in 2005-06 to 11 in 2006-07.


## Annual Summary of Harvesting Activities: At a Glance

|  | Jurisdiction |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Alberta | Saskatchewan | Manitoba | NWT | Total* |
| Landings (t) |  |  |  |  |  |
| \% Change from 2005-06 | $24.3 \%$ | 2,556 | 11,758 | 567 | 16,854 |
| Landed Value (\$000) | 2,541 | 2,742 | 25,070 | 570 | $0.7 \%$ |
| \% Change from 2005-06 | $34.0 \%$ | $-2.5 \%$ | $10.5 \%$ | $-19.5 \%$ | 30,944 |
| Self-Employed Harvesters | 77 | 366 | 1,714 | 77 | $10.1 \%$ |
| \% Change from 2005-06 | $-13.9 \%$ | $-17.9 \%$ | $-5.6 \%$ | $-23.7 \%$ | 2,239 |
| Major Harvested Species | Whitefish, <br> Pickerel, <br> northern <br> pike | Whitefish, <br> mullet, Pickerel, <br> northern pike, <br> lake trout | Whitefish, <br> Pickerel, sauger, <br> northern pike, <br> perch, mullet | Whitefish, <br> Pickerel, lake <br> trout, northern <br> pike, inconnu | Whitefish, Pickerel, <br> sauger, northern pike, <br> mullet, lake trout |

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

## Glossary of Terms:

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

Fiscal Year: A fiscal year refers to the period from May 1 through to April 30 of the subsequent year. There are two fishing seasons in a fiscal year. Thus, 2006-2007 refers to the period May 1, 2006 to April 30, 2007. The summer season, which is the open water fishery, begins May 1 and ends October 30 . The winter season is an ice fishery that begins when the lakes freeze, around November 1, and continues until spring thaw, usually about April 30.

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

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

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

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

Product Weights: 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.

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

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

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## Section 1:

## Western Canadian Freshwater Fisheries Summary

Figure 1.1
Landings By Species
2006/07
Total: 16,854 Tonnes


Figure 1.2
Landed Value By Species 2006/07
Total: \$30.9 Million


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

Table 1.1
Landings, Landed and Marketed Values by Species Western Canadian Freshwater Fisheries, 2006/07

| Species | Landings <br> $(\mathbf{t})$ | Landed Value <br> $(\$ 000)$ | Market Value <br> $(\mathbf{\$ 0 0 0})$ |
| :--- | :---: | :---: | :---: |
| Whitefish | 5,409 | 5,622 | 12,592 |
| Whitefish Roe | 68 | 378 | 868 |
| Pickerel | 6,427 | 21,499 | 33,225 |
| Sauger | 166 | 470 | 675 |
| Lake Trout | 372 | 241 | 547 |
| Northern Pike | 1,682 | 1,037 | 3,415 |
| Tullibee | 67 | 51 | 98 |
| Perch | 206 | 649 | 971 |
| Mullet | 1,912 | 658 | 2,467 |
| Carp | 466 | 226 | 457 |
| Inconnu | 17 | 17 | 42 |
| Goldeye | 48 | 88 | 112 |
| White Bass | 15 | 8 | 24 |
| Total | $\mathbf{1 6 , 8 5 4}$ | $\mathbf{3 0 , 9 4 4}$ | $\mathbf{5 5 , 4 9 3}$ |

Figure 1.3
Landings by Major Lakes
2006/07
Total: 10,469 Tonnes


Figure 1.4
Landed Value by Major Lakes
2006/07
Total: \$21.4 Million


Table 1.2
Landings and Landed Value by Species and Major Western Canadian Lakes
Western Canadian Freshwater Fisheries, 2006/07

| Species | Major Lakes |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Winnipeg |  | Manitoba |  | Winnipegosis |  | Great Slave |  | Lesser Slave |  | Reindeer |  | Ile-a-la Crosse |  |
|  | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) |
| Whitefish | 1,302 | 1,550 | 4 | 3 | 34 | 32 | 455 | 429 | 639 | 349 | 275 | 160 | 10 | 9 |
| Pickerel | 4,517 | 15,056 | 200 | 659 | 135 | 476 | 5 | 15 | 1 | 4 | 4 | 15 | 8 | 28 |
| Sauger | 151 | 426 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <1 | 1 |
| Lake Trout | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 19 | 0 | 0 | 176 | 127 | 0 | 0 |
| Northern Pike | 81 | 55 | 142 | 88 | 161 | 103 | 26 | 14 | 11 | 6 | 3 | 2 | 70 | 37 |
| Perch | 17 | 53 | 182 | 576 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullet | 91 | 33 | 288 | 105 | 744 | 264 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 41 |
| Carp | 113 | 61 | 275 | 128 | 41 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others | $83^{1}$ | 239 | 0 | 0 | 0 | 0 | $17^{2}$ | 18 | $27^{3}$ | 148 | 0 | 0 | $1^{4}$ | 1 |
| Total | 6,354 | 17,472 | 1,093 | 1,567 | 1,119 | 896 | 539 | 495 | 678 | 508 | 458 | 303 | 229 | 118 |

Note: ${ }^{1}$ Includes goldeye, tullibee, white bass, and whitefish roe; ${ }^{-2}$ Includes goldeye, and inconnu; ${ }^{3}$ Includes goldeye, tullibee, and whitefish roe; ${ }^{4}$ Includes Tullibee.

Figure 1.5
Self-Employed Harvesters by Season
2006/07
Total: 2,239 Harvesters


Table 1.3
Number of Self-Employed Harvesters by Season Fished
Western Canadian Freshwater Fisheries, 2006/07

| Season | Self-employed |
| :--- | :---: |
| Summer Only | 1,298 |
| Winter Only | 621 |
| Both Seasons | 320 |
| Total | $\mathbf{2 , 2 3 9}$ |

Figure 1.6
Percentage Distribution of Self-Employed Harvesters by Landed Value* Western Canadian Freshwater Fisheries, 2006/07


Figure 1.7
Average Payment, Weight, and the Number of Self-Employed Harvesters by Landed Value Western Canadian Freshwater Fisheries, 2006/07


Figure 1.8
Number of Full-Time Equivalent Employment by Landed Value Western Canadian Freshwater Fisheries, 2006/07


Table 1.4
Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value
Western Canadian Freshwater Fisheries, 2006/07

| Landed Value | No. of Harvesters | Full-Time Employment | -------------- Averages Per Harvesters -------------- |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Deliveries | Weeks | Weights (lb.) | Payments (\$) |
| \$0-\$10,000 | 1,133 | 116 | 14 | 5 | 2,851 | 3,802 |
| \$10001-\$20,000 | 577 | 84 | 24 | 8 | 7,353 | 13,688 |
| \$20,001 - \$30,000 | 272 | 49 | 33 | 9 | 11,910 | 24,790 |
| \$30,001-\$40,000 | 134 | 28 | 37 | 11 | 16,494 | 35,392 |
| \$40,001+ | 123 | 31 | 48 | 13 | 32,200 | 59,275 |

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, 1998-2006


Figure 1.10
Landed Value Trend by Major Species Western Canadian Freshwater Fisheries, 1998-2006


Table 1.5
Landings and Landed Value Trend by Species
Western Canadian Freshwater Fisheries, 1998-2006

| Species | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Whitefish | 5,300 | 5,596 | 6,459 | 6,694 | 6,925 | 6,690 | 5,884 | 5,340 | 5,409 |
| \% Change | -- | 5.6\% | 15.4\% | 3.6\% | 3.5\% | -3.4\% | -12.0\% | -9.2\% | 1.3\% |
| \% of Total Landings | 29.1\% | 25.9\% | 29.2\% | 30.6\% | 30.7\% | 32.6\% | 33.1\% | 31.9\% | 32.1\% |
| Mullet | 3,822 | 5,936 | 5,298 | 4,947 | 5,131 | 3,734 | 2,553 | 2,644 | 1,912 |
| \% Change | -- | 55.3\% | -10.7\% | -6.6\% | 3.7\% | -27.2\% | -31.6\% | 3.6\% | -27.7\% |
| \% of Total Landings | 21.0\% | 27.5\% | 23.9\% | 22.6\% | 22.7\% | 18.2\% | 14.4\% | 15.8\% | 11.3\% |
| Pickerel | 3,688 | 4,627 | 5,708 | 5,120 | 5,142 | 5,618 | 5,625 | 5,961 | 6,427 |
| \% Change | -- | 25.5\% | 23.4\% | -10.3\% | 0.4\% | 9.3\% | 0.1\% | 6.0\% | 7.8\% |
| \% of Total Landings | 20.3\% | 21.4\% | 25.8\% | 23.4\% | 22.8\% | 27.3\% | 31.6\% | 35.6\% | 38.1\% |
| Northern Pike | 2,624 | 2,818 | 2,621 | 2,524 | 2,398 | 2,249 | 1,868 | 1,322 | 1,682 |
| \% Change | -- | 7.4\% | -7.0\% | -3.7\% | -5.0\% | -6.2\% | -16.9\% | -29.2\% | 27.2\% |
| \% of Total Landings | 14.4\% | 13.1\% | 11.8\% | 11.5\% | 10.6\% | 10.9\% | 10.5\% | 7.9\% | 10.0\% |
| Sauger | 1,128 | 1,013 | 585 | 687 | 782 | 772 | 590 | 314 | 166 |
| \% Change | -- | -10.2\% | -42.3\% | 17.4\% | 13.8\% | -1.3\% | -23.6\% | -46.8\% | -47.1\% |
| \% of Total Landings | 6.2\% | 4.7\% | 2.6\% | 3.1\% | 3.5\% | 3.8\% | 3.3\% | 1.9\% | 1.0\% |
| Lake Trout | 425 | 368 | 406 | 497 | 376 | 442 | 442 | 416 | 372 |
| \% Change | -- | -13.4\% | 10.3\% | 22.4\% | -24.3\% | 17.6\% | 0.0\% | -5.9\% | -10.6\% |
| \% of Total Landings | 2.3\% | 1.7\% | 1.8\% | 2.3\% | 1.7\% | 2.2\% | 2.5\% | 2.5\% | 2.2\% |
| Others* | 1,198 | 1,230 | 1,080 | 1,416 | 1,814 | 1,044 | 818 | 738 | 886 |
| \% Change | -- | 2.7\% | -12.2\% | 31.1\% | 28.1\% | -42.4\% | -21.6\% | -9.8\% | 20.1\% |
| \% of Total Landings | 6.6\% | 5.7\% | 4.9\% | 6.5\% | 8.0\% | 5.1\% | 4.6\% | 4.4\% | 5.3\% |
| Total | 18,185 | 21,588 | 22,157 | 21,885 | 22,568 | 20,549 | 17,780 | 16,735 | 16,854 |
| \% Change | -- | 18.7\% | 2.6\% | -1.2\% | 3.1\% | -8.9\% | -13.5\% | -5.9\% | 0.7\% |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Whitefish | 5,627 | 6,808 | 9,005 | 7,533 | 8,065 | 7,150 | 5,513 | 5,122 | 5,622 |
| \% Change | -- | 21.0\% | 32.3\% | -16.3\% | 7.1\% | -11.3\% | -22.9\% | -7.1\% | 9.8\% |
| Mullet | 1,111 | 1,707 | 1,539 | 1,380 | 1,396 | 1,006 | 706 | 868 | 658 |
| \% Change | -- | 53.6\% | -9.8\% | -10.3\% | 1.2\% | -27.9\% | -29.8\% | 22.9\% | -24.2\% |
| Pickerel | 16,169 | 19,775 | 23,925 | 22,759 | 23,671 | 19,306 | 19,185 | 18,930 | 21,499 |
| \% Change | -- | 22.3\% | 21.0\% | -4.9\% | 4.0\% | -18.4\% | -0.6\% | -1.3\% | 13.6\% |
| Northern Pike | 2,140 | 2,335 | 2,223 | 1,975 | 1,738 | 1,477 | 1,131 | 795 | 1,037 |
| \% Change | -- | 9.1\% | -4.8\% | -11.2\% | -12.0\% | -15.0\% | -23.4\% | -29.7\% | 30.4\% |
| Sauger | 3,816 | 3,156 | 1,993 | 2,952 | 3,150 | 2,485 | 1,710 | 928 | 470 |
| \% Change | -- | -17.3\% | -36.9\% | 48.1\% | 6.7\% | -21.1\% | -31.2\% | -45.7\% | -49.4\% |
| Lake Trout | 320 | 286 | 313 | 380 | 295 | 350 | 288 | 274 | 241 |
| \% Change | -- | -10.6\% | 9.4\% | 21.4\% | -22.4\% | 18.6\% | -17.7\% | -4.9\% | -12.0\% |
| Others* | 1,853 | 1,840 | 1,647 | 3,606 | 2,737 | 1,571 | 1,296 | 1,200 | 1,417 |
| \% Change | -- | -0.7\% | -10.5\% | 118.9\% | -24.1\% | -42.6\% | -17.5\% | -7.4\% | 18.1\% |
| Total | 31,036 | 35,907 | 40,645 | 40,585 | 41,052 | 33,345 | 29,829 | 28,117 | 30,944 |
| \% Change | -- | 15.7\% | 13.2\% | -0.1\% | 1.2\% | -18.8\% | -10.5\% | -5.7\% | 10.1\% |

[^0]Figure 1.11
Landings Trend by Major Western Canadian Lakes Western Canadian Freshwater Fisheries, 1998-2006


Figure 1.12
Landed Value Trend by Major Western Canadian Lakes Western Canadian Freshwater Fisheries, 1998-2006


Table 1.6
Landings and Landed Value Trend by Major Western Canadian Lakes
Western Canadian Freshwater Fisheries, 1998-2006

| Major Lakes | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Winnipeg | 4,761 | 5,334 | 6,174 | 6,213 | 6,200 | 6,601 | 6,364 | 6,293 | 6,354 |
| \% Change | -- | 12.0\% | 15.7\% | 0.6\% | -0.2\% | 6.5\% | -3.6\% | -1.1\% | 1.0\% |
| Manitoba | 1,594 | 2,715 | 1,916 | 2,004 | 2,363 | 1,739 | 967 | 970 | 1,093 |
| \% Change | -- | 70.3\% | -29.4\% | 4.6\% | 17.9\% | -26.4\% | -44.4\% | 0.3\% | 12.7\% |
| Winnipegosis | 1,991 | 2,557 | 2,847 | 2,366 | 2,444 | 1,627 | 945 | 1,258 | 1,119 |
| \% Change | -- | 28.4\% | 11.3\% | -16.9\% | 3.3\% | -33.4\% | -41.9\% | 33.1\% | -11.0\% |
| Great Slave | 1,257 | 1,212 | 1,169 | 1,149 | 1,065 | 1,068 | 907 | 756 | 539 |
| \% Change | -- | -3.6\% | -3.5\% | -1.7\% | -7.3\% | 0.3\% | -15.1\% | -16.6\% | -28.7\% |
| Lesser Slave | 800 | 820 | 754 | 725 | 705 | 749 | 731 | 701 | 678 |
| \% Change | -- | 2.5\% | -8.0\% | -3.8\% | -2.8\% | 6.2\% | -2.4\% | -4.1\% | -3.3\% |
| Reindeer | 287 | 321 | 404 | 433 | 474 | 453 | 392 | 378 | 458 |
| \% Change | -- | 11.8\% | 25.9\% | 7.2\% | 9.5\% | -4.4\% | -13.5\% | -3.6\% | 21.2\% |
| Ile-a-la Crosse | 281 | 333 | 412 | 508 | 382 | 289 | 372 | 356 | 228 |
| \% Change | -- | 18.5\% | 23.7\% | 23.3\% | -24.8\% | -24.3\% | 28.7\% | -4.3\% | -36.0\% |
| Total | 10,971 | 13,292 | 13,676 | 13,398 | 13,633 | 12,526 | 10,678 | 10,712 | 10,469 |
| \% Change | -- | 21.2\% | 2.9\% | -2.0\% | 1.8\% | -8.1\% | -14.8\% | 0.3\% | -2.3\% |
| \% of Total Landings* | 60.3\% | 61.6\% | 61.7\% | 61.2\% | 60.4\% | 61.0\% | 60.1\% | 64.0\% | 62.1\% |
| Total Landings | 18,185 | 21,588 | 22,157 | 21,885 | 22,568 | 20,549 | 17,780 | 16,735 | 16,854 |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Winnipeg | 13,510 | 16,487 | 19,982 | 19,805 | 20,479 | 16,738 | 16,295 | 16,101 | 17,472 |
| \% Change | -- | 22.0\% | 21.2\% | -0.9\% | 3.4\% | -18.3\% | -2.6\% | -1.2\% | 8.5\% |
| Manitoba | 2,273 | 2,559 | 2,719 | 3,749 | 2,913 | 1,964 | 1,104 | 1,184 | 1,567 |
| \% Change | -- | 12.6\% | 6.3\% | 37.9\% | -22.3\% | -32.6\% | -43.8\% | 7.2\% | 32.3\% |
| Winnipegosis | 1,899 | 2,250 | 2,077 | 1,837 | 1,431 | 1,002 | 798 | 835 | 896 |
| \% Change | -- | 18.5\% | -7.7\% | -11.6\% | -22.1\% | -30.0\% | -20.4\% | 4.6\% | 7.3\% |
| Great Slave | 1,270 | 1,422 | 1,576 | 1,454 | 1,239 | 1,122 | 788 | 646 | 495 |
| \% Change | -- | 12.0\% | 10.8\% | -7.7\% | -14.8\% | -9.4\% | -29.8\% | -18.0\% | -23.4\% |
| Lesser Slave | 594 | 686 | 707 | 647 | 564 | 583 | 522 | 503 | 508 |
| \% Change | -- | 15.5\% | 3.1\% | -8.5\% | -12.8\% | 3.4\% | -10.5\% | -3.6\% | 1.0\% |
| Reindeer | 246 | 298 | 393 | 390 | 378 | 371 | 281 | 278 | 303 |
| \% Change | -- | 21.1\% | 31.9\% | -0.8\% | -3.1\% | -1.9\% | -24.3\% | -1.1\% | 9.0\% |
| Ile-a-la Crosse | 207 | 300 | 293 | 366 | 345 | 219 | 186 | 148 | 117 |
| \% Change | -- | 44.9\% | -2.3\% | 24.9\% | -5.7\% | -36.5\% | -15.1\% | -20.4\% | -20.9\% |
| Total | 19,999 | 24,002 | 27,747 | 28,248 | 27,349 | 21,999 | 19,974 | 19,695 | 21,358 |
| \% Change | -- | 20.0\% | 15.6\% | 1.8\% | -3.2\% | -19.6\% | -9.2\% | -1.4\% | 8.4\% |
| \% of Total Landed Value** | 64.4\% | 66.8\% | 68.3\% | 69.6\% | 66.6\% | 66.0\% | 67.0\% | 70.0\% | 69.0\% |
| Total Landed Value | 31,036 | 35,907 | 40,645 | 40,585 | 41,052 | 33,345 | 29,829 | 28,117 | 30,944 |

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

Figure 1.13
Number of Self-Employed Harvesters Trend by Season Western Canadian Freshwater Fisheries, 1998-2006


Table 1.7
Number of Self-Employed Harvesters Trend by Season Fished Western Canadian Freshwater Fisheries, 1998-2006

| Season | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer Only | 1,157 | 1,208 | 1,268 | 1,169 | $\mathbf{1 , 1 7 1}$ | $\mathbf{1 , 2 0 7}$ | $\mathbf{1 , 4 6 3}$ | $\mathbf{1 , 3 5 6}$ | $\mathbf{1 , 2 9 8}$ |
| \% Change | -- | $4.4 \%$ | $5.0 \%$ | $-7.8 \%$ | $0.2 \%$ | $3.1 \%$ | $21.2 \%$ | $-7.3 \%$ | $-4.3 \%$ |
| Winter Only | 955 | 941 | 1,015 | 1,043 | 1,056 | 1,057 | 767 | 734 | 621 |
| \% Change | -- | $-1.5 \%$ | $7.9 \%$ | $2.8 \%$ | $1.2 \%$ | $0.1 \%$ | $-27.4 \%$ | $-4.3 \%$ | $-15.4 \%$ |
| Both | 398 | 530 | 483 | 573 | 606 | 655 | 400 | 305 | 320 |
| \% Change | -- | $33.2 \%$ | $-8.9 \%$ | $18.6 \%$ | $5.8 \%$ | $8.1 \%$ | $-38.9 \%$ | $-23.8 \%$ | $4.9 \%$ |
| Total | $\mathbf{2 , 5 1 0}$ | $\mathbf{2 , 6 7 9}$ | $\mathbf{2 , 7 6 6}$ | $\mathbf{2 , 7 8 5}$ | $\mathbf{2 , 8 3 3}$ | $\mathbf{2 , 9 1 9}$ | $\mathbf{2 , 6 3 0}$ | $\mathbf{2 , 3 9 5}$ | $\mathbf{2 , 2 3 9}$ |
| \% Change | -- | $\mathbf{6 . 7} \%$ | $\mathbf{3 . 2} \%$ | $\mathbf{0 . 7} \%$ | $\mathbf{1 . 7 \%}$ | $\mathbf{3 . 0} \%$ | $\mathbf{- 9 . 9 \%}$ | $\mathbf{- 8 . 9 \%}$ | $\mathbf{- 6 . 5 \%}$ |

Figure 1.14
Number of Self-Employed Harvesters Trend by Landed Value Western Canadian Freshwater Fisheries, 1998-2006


Year
$\square$ \$0-\$10,000 $\square$ \$10,001 - \$20,000 $\square \$ 20,001$ - \$30,000 $\square \$ 30,001$ - \$40,000 $\square$ \$40,001+

Table 1.8
Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value Western Canadian Freshwater Fisheries, 1998-2006

| Landed Value | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Payment (\$) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 3,695 | 3,892 | 3,780 | 3,685 | 3,769 | 3,670 | 3,428 | 3,665 | 3,802 |
| \$10001-\$20,000 | 14,006 | 14,298 | 14,559 | 14,471 | 14,489 | 13,965 | 13,874 | 13,804 | 13,688 |
| \$20,001-\$30,000 | 24,922 | 24,624 | 25,180 | 24,743 | 24,500 | 24,781 | 24,488 | 24,317 | 24,790 |
| \$30,001 - \$40,000 | 33,950 | 34,314 | 34,012 | 34,404 | 34,583 | 35,283 | 34,865 | 34,662 | 35,392 |
| \$40,001+ | 59,934 | 60,843 | 61,672 | 60,396 | 61,791 | 57,375 | 56,167 | 54,000 | 59,275 |
| Average Weight (t) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 2,563 | 2,960 | 2,889 | 2,751 | 2,911 | 2,872 | 2,872 | 3,082 | 2,851 |
| \$10001-\$20,000 | 8,936 | 8,622 | 8,229 | 8,499 | 7,809 | 8,685 | 7,982 | 7,874 | 7,353 |
| \$20,001-\$30,000 | 12,806 | 13,665 | 13,585 | 12,240 | 13,240 | 13,330 | 12,144 | 11,975 | 11,910 |
| \$30,001-\$40,000 | 15,809 | 16,876 | 14,014 | 15,069 | 15,303 | 17,400 | 15,876 | 17,372 | 16,494 |
| \$40,001+ | 34,466 | 35,934 | 31,243 | 29,929 | 31,656 | 35,288 | 34,392 | 31,748 | 32,200 |
| Number of Self-Employed Harvesters |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 1,522 | 1,555 | 1,512 | 1,477 | 1,547 | 1,754 | 1,528 | 1,338 | 1,133 |
| \$10001-\$20,000 | 501 | 531 | 601 | 621 | 636 | 634 | 630 | 582 | 577 |
| \$20,001-\$30,000 | 222 | 276 | 241 | 279 | 259 | 297 | 264 | 265 | 272 |
| \$30,001-\$40,000 | 116 | 146 | 191 | 207 | 165 | 123 | 107 | 134 | 134 |
| \$40,001+ | 149 | 172 | 221 | 201 | 226 | 111 | 101 | 76 | 123 |
| Total | 2,510 | 2,680 | 2,766 | 2,785 | 2,833 | 2,919 | 2,630 | 2,395 | 2,239 |
| \% Change | -2.3\% | 6.8\% | 3.2\% | 0.7\% | 1.7\% | 3.0\% | -10.5\% | -8.3\% | -6.5\% |

Figure 1.15
Number of Full-Time Equivalent Employment Trend by Landed Value Western Canadian Freshwater Fisheries, 1998-2006


Table 1.9
Number of Full-Time Equivalent Employment Trend by Landed Value Western Canadian Freshwater Fisheries, 1998-2006

| Landed Value | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\$ 0-\$ 10,000$ | 174 | 184 | 178 | 170 | 152 | 188 | 159 | 147 | $\mathbf{1 1 6}$ |
| $\$ 10001-\$ 20,000$ | 105 | 107 | 121 | 126 | 122 | 115 | 106 | 98 | 84 |
| $\$ 20,001-\$ 30,000$ | 56 | 69 | 60 | 64 | 65 | 74 | 56 | 51 | 49 |
| $\$ 30,001-\$ 40,000$ | 31 | 39 | 48 | 52 | 38 | 33 | 27 | 28 | 28 |
| $\$ 40,001+$ | 52 | 60 | 68 | 62 | 70 | 32 | 27 | 20 | 31 |
| Total | $\mathbf{4 1 8}$ | $\mathbf{4 5 9}$ | $\mathbf{4 7 5}$ | $\mathbf{4 7 4}$ | $\mathbf{4 4 7}$ | $\mathbf{4 4 2}$ | $\mathbf{3 7 5}$ | $\mathbf{3 4 4}$ | $\mathbf{3 0 8}$ |
| \% Change | -- | $\mathbf{9 . 8 \%}$ | $\mathbf{3 . 5} \%$ | $\mathbf{- 0 . 2} \%$ | $\mathbf{- 5 . 7 \%}$ | $\mathbf{- 1 . 1 \%}$ | $\mathbf{- 1 5 . 2 \%}$ | $\mathbf{- 8 . 3 \%}$ | $\mathbf{- 1 0 . 4 \%}$ |

Section 2:

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

Figure 2.1
Landings by Jurisdiction
2006/07
Total: 16,836 Tonnes


Figure 2.2
Landed Value by Jurisdiction
2006/07
Total: \$30.9 Million


Table 2.1
Landings, Landed and Market Values
Western Canadian Freshwater Fisheries, 2006/07

| Jurisdiction | Landings <br> $\mathbf{( t )}$ | Landed Value <br> $(\mathbf{\$ 0 0 0})$ | Market Value <br> $\mathbf{( \$ 0 0 0 )}$ |
| :--- | :---: | :---: | :---: |
| Alberta | 1,957 | 2,542 | 4,848 |
| Saskatchewan | 2,556 | 2,742 | 6,054 |
| Manitoba | 11,758 | 25,069 | 43,065 |
| NWT | 565 | 570 | 1,489 |
| Total | $\mathbf{1 6 , 8 3 6}$ | $\mathbf{3 0 , 9 2 3}$ | $\mathbf{5 5 , 4 5 6}$ |

Table 2.2
Number of Self-Employed Harvesters by Season Fished Western Canadian Freshwater Fisheries, 2006/07

| Season | Alberta | Saskatchewan | Manitoba | NWT | Total |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Summer only | 35 | 182 | 398 | 5 | 620 |
| Winter only | 18 | 184 | 1,034 | 61 | 1,297 |
| Both seasons | 24 | $<4$ | 282 | 11 | 317 |
| Total | $\mathbf{7 7}$ | $\mathbf{3 6 6}$ | $\mathbf{1 , 7 1 4}$ | $\mathbf{7 7}$ | $\mathbf{2 , 2 3 4}$ |

Figure 2.3
Self-Employed harvesters by Jurisdiction 2006/07
Total: 2,234 Harvesters


Figure 2.4
Harvesters by Season and Jurisdiction
2006/07
Total: 2,234 Harvesters


Figure 2.5
Percentage Distribution of Self-Employed Harvesters by Landed Value* Western Canadian Freshwater Fisheries, 2006/07


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

Table 2.3
Distribution of Self-Employed Harvesters by Landed Value* Western Canadian Freshwater Fisheries, 2006/07

| Landed Value | Alberta | Saskatchewan | Manitoba | NWT | Region |
| :--- | :---: | :---: | :---: | :---: | :---: |
| $\$ 0-\$ 10,000$ | 28 | 276 | 767 | 61 | 1,132 |
| $\$ 10001-\$ 20,000$ | 17 | 71 | 479 | 9 | 576 |
| $\$ 20,001-\$ 30,000$ | 6 | 16 | 248 | $<4$ | 270 |
| $\$ 30,001-\$ 40,000$ | 4 | 5 | 123 | $<4$ | 132 |
| $\$ 40,001+$ | 22 | $<4$ | 97 | $<4$ | 119 |
| Total | $\mathbf{7 7}$ | $\mathbf{3 6 8}$ | $\mathbf{1 , 7 1 4}$ | $\mathbf{7 0}$ | $\mathbf{2 , 2 2 9}$ |

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

Figure 2.6
Full-Time Equivalent Employment by Landed Value and Jurisdiction Western Canadian Freshwater Fisheries, 2006/07


Table 2.4
Distribution of Full-Time Equivalent Employment by Landed Value Western Canadian Freshwater Fisheries, 2006/07

| Landed Value | Alberta | Saskatchewan | Manitoba | NWT | Region |
| :--- | :---: | :---: | :---: | :---: | :---: |
| $\$ 0-\$ 10,000$ | $<4$ | 25 | 83 | 7 | 115 |
| $\$ 10001-\$ 20,000$ | $<4$ | 12 | 68 | $<4$ | 80 |
| $\$ 20,001-\$ 30,000$ | $<4$ | 4 | 44 | $<4$ | 48 |
| $\$ 30,001-\$ 40,000$ | $<4$ | $<4$ | 26 | $<4$ | 26 |
| $\$ 40,001+$ | 5 | $<4$ | 25 | $<4$ | 30 |
| Total | $\mathbf{5}$ | $\mathbf{4 0}$ | $\mathbf{2 4 7}$ | $\mathbf{7}$ | $\mathbf{2 9 8}$ |

[^1]Figure 2.7
Landings Trend by Jurisdiction
Western Canadian Freshwater Fisheries, 1997-2006


Figure 2.8
Percent of Total Landings by Jurisdiction Western Canadian Freshwater Fisheries, 1998-2006


Figure 2.9
Landed Value Trend by Jurisdiction
Western Canadian Freshwater Fisheries, 1998-2006


Table 2.5
Landings and Landed Value Trend
Western Canadian Freshwater Fisheries, 1998-2006

| Jurisdiction | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t.) |  |  |  |  |  |  |  |  |  |
| Alberta | 1,758 | 1,903 | 1,739 | 1,854 | 2,274 | 1,956 | 1,682 | 1,574 | 1,957 |
| \% Change | -- | 8.2\% | -8.6\% | 6.6\% | 22.7\% | -14.0\% | -14.0\% | -6.4\% | 24.3\% |
| \% of Total Landings | 9.7\% | 8.8\% | 7.9\% | 8.5\% | 10.1\% | 9.5\% | 9.5\% | 9.4\% | 11.6\% |
| Saskatchewan | 3,310 | 3,761 | 4,159 | 4,425 | 4,284 | 3,507 | 3,160 | 2,759 | 2,556 |
| \% Change | -- | 13.6\% | 10.6\% | 6.4\% | -3.2\% | -18.1\% | -9.9\% | -12.7\% | -7.4\% |
| \% of Total Landings | 18.2\% | 17.5\% | 18.8\% | 20.2\% | 19.0\% | 17.1\% | 17.8\% | 16.5\% | 15.2\% |
| Manitoba | 11,811 | 14,633 | 15,016 | 14,414 | 14,903 | 13,981 | 12,004 | 11,621 | 11,758 |
| \% Change | -- | 23.9\% | 2.6\% | -4.0\% | 3.4\% | -6.2\% | -14.1\% | -3.2\% | 1.2\% |
| \% of Total Landings | 65.0\% | 67.9\% | 67.9\% | 65.9\% | 66.1\% | 68.1\% | 67.5\% | 69.5\% | 69.8\% |
| Northwest Territories | 1,302 | 1,245 | 1,200 | 1,167 | 1,085 | 1,090 | 930 | 778 | 567 |
| \% Change | -- | -4.4\% | -3.6\% | -2.8\% | -7.0\% | 0.5\% | -14.7\% | -16.3\% | -27.1\% |
| \% of Total Landings | 7.2\% | 5.8\% | 5.4\% | 5.3\% | 4.8\% | 5.3\% | 5.2\% | 4.6\% | 3.4\% |
| Total | 18,181 | 21,542 | 22,114 | 21,860 | 22,546 | 20,534 | 17,776 | 16,732 | 16,838 |
| \% Change | -- | 18.5\% | 2.7\% | -1.1\% | 3.1\% | -8.9\% | -13.4\% | -5.9\% | 0.6\% |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Alberta | 2,096 | 2,455 | 2,624 | 2,387 | 3,162 | 2,446 | 2,028 | 1,896 | 2,541 |
| \% Change | -- | 17.1\% | 6.9\% | -9.0\% | 32.5\% | -22.6\% | -17.1\% | -6.5\% | 34.0\% |
| Saskatchewan | 4,324 | 4,659 | 4,958 | 5,102 | 5,140 | 3,884 | 3,198 | 2,813 | 2,742 |
| \% Change | -- | 7.7\% | 6.4\% | 2.9\% | 0.7\% | -24.4\% | -17.7\% | -12.0\% | -2.5\% |
| Manitoba | 23,160 | 27,161 | 31,299 | 31,548 | 31,397 | 25,800 | 23,736 | 22,697 | 25,070 |
| \% Change | -- | 17.3\% | 15.2\% | 0.8\% | -0.5\% | -17.8\% | -8.0\% | -4.4\% | 10.5\% |
| Northwest Territories | 1,447 | 1,525 | 1,676 | 1,519 | 1,324 | 1,203 | 863 | 708 | 570 |
| \% Change | -- | 5.4\% | 9.9\% | -9.4\% | -12.8\% | -9.1\% | -28.3\% | -18.0\% | -19.5\% |
| Total | 31,027 | 35,800 | 40,557 | 40,556 | 41,023 | 33,333 | 29,825 | 28,114 | 30,923 |
| \% Change | -- | 15.4\% | 13.3\% | 0.0\% | 1.2\% | -18.7\% | -10.5\% | -5.7\% | 10.0\% |

Figure 2.10
Number of Self-Employed Harvesters by Season Fished (Summer Only) Western Canadian Freshwater Fisheries, 1998-2006


Figure 2.11
Number of Self-Employed Harvesters by Season Fished (Winter Only)
Western Canadian Freshwater Fisheries, 1997-2006


Figure 2.12
Number of Self-Employed Harvesters by Season Fished (Both Seasons) Western Canadian Freshwater Fisheries, 1998-2006


Table 2.6
Number of Self-Employed Harvesters Trend by Season Fished Western Canadian Freshwater Fisheries, 1998-2006

| Jurisdiction | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0}-\mathbf{0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alberta | 172 | 166 | 147 | 139 | 124 | 122 | 105 | 86 | 77 |
| Summer only | 55 | 40 | 41 | 43 | 35 | 36 | 41 | 24 | 35 |
| Winter only | 64 | 67 | 63 | 46 | 37 | 42 | 27 | 35 | 18 |
| Both Seasons | 53 | 59 | 43 | 50 | 52 | 44 | 37 | 27 | 24 |
| Saskatchewan | 540 | 561 | 598 | 635 | 703 | 719 | 590 | 506 | 366 |
| Summer only | 243 | 219 | 237 | 243 | 239 | 241 | 242 | 213 | 182 |
| Winter only | 271 | 299 | 320 | 353 | 413 | 434 | 323 | 283 | 184 |
| Both Seasons | 26 | 43 | 41 | 39 | 51 | 44 | 25 | 10 | $<4$ |
| Manitoba | 1,723 | 1,805 | 1,869 | 1,855 | 1,858 | 1,931 | 1,822 | 1,707 | 1,714 |
| Summer only | 834 | 900 | 948 | 838 | 848 | 868 | 1,118 | 1,053 | 398 |
| Winter only | 601 | 536 | 582 | 593 | 567 | 548 | 402 | 410 | 1,034 |
| Both Seasons | 288 | 369 | 339 | 424 | 443 | 515 | 302 | 244 | 282 |
| Northwest Territories | 73 | 131 | 136 | 151 | 146 | 146 | 112 | 95 | 77 |
| Summer only | 25 | 47 | 40 | 44 | 49 | 62 | 62 | 65 | 5 |
| Winter only | 18 | 33 | 43 | 48 | 39 | 33 | 15 | 6 | 61 |
| Both Seasons | 30 | 51 | 53 | 59 | 58 | 51 | 35 | 24 | 11 |
| Total | $\mathbf{2 , 5 0 8}$ | $\mathbf{2 , 6 6 3}$ | $\mathbf{2 , 7 5 0}$ | $\mathbf{2 , 7 8 0}$ | $\mathbf{2 , 8 3 1}$ | $\mathbf{2 , 9 1 8}$ | $\mathbf{2 , 6 2 9}$ | $\mathbf{2 , 3 9 4}$ | $\mathbf{2 , 2 3 4}$ |
| \% Change | -- | $\mathbf{6 . 2 \%}$ | $\mathbf{3 . 3} \%$ | $\mathbf{1 . 1 \%}$ | $\mathbf{1 . 8 \%}$ | $\mathbf{3 . 1 \%}$ | $\mathbf{- 9 . 9 \%}$ | $\mathbf{- 8 . 9 \%}$ | $\mathbf{- 6 . 7 \%}$ |
| Summer only | 1,157 | 1,206 | 1,266 | 1,168 | 1,171 | 1,207 | 1,463 | $\mathbf{1 , 3 5 5}$ | 620 |
| Winter only | 954 | 935 | 1,008 | 1,040 | 1,056 | 1,057 | 767 | 734 | 1,297 |
| Both Seasons | 397 | 522 | 476 | 572 | 604 | 654 | 399 | 305 | 317 |

Figure 2.13
Number of Full-Time Equivalent Employment Trend by Jurisdiction Western Canadian Freshwater Fisheries, 1998-2006


Table 2.7
Number of Full-Time Equivalent Employment Trend
Western Canadian Freshwater Fisheries, 1998-2006

| Jurisdiction | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alberta | 19 | 21 | 17 | 17 | 16 | 14 | 8 | 4 | 5 |
| Saskatchewan | 67 | 69 | 74 | 80 | 70 | 59 | 62 | 54 | 40 |
| Manitoba | 319 | 339 | 340 | 338 | 337 | 341 | 288 | 257 | 247 |
| Northwest Territories | 18 | 33 | 33 | 33 | 29 | 29 | 22 | 12 | 7 |
| Total | 423 | 462 | 464 | 468 | 452 | 443 | $\mathbf{3 8 0}$ | $\mathbf{3 2 7}$ | $\mathbf{2 9 8}$ |
| \% Change | -- | $9.2 \%$ | $0.4 \%$ | $\mathbf{0 . 9 \%}$ | $\mathbf{- 3 . 4 \%}$ | $\mathbf{- 2 . 0 \%}$ | $\mathbf{- 1 4 . 2 \%}$ | $\mathbf{- 1 3 . 9 \%}$ | $\mathbf{- 8 . 8 \%}$ |

## Section 3:

## Alberta

Figure 3.1
Landings by Major Species
Alberta 2006/07
Total 1,957 Tonnes


Figure 3.2
Landed Value by Major Species
Alberta 2006/07
Total: \$2.5 Million


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

Table 3.1
Landings, Landed and Market Values by Species Alberta, 2006/07

| Species | Landings <br> $\mathbf{( t . )}$ | Landed Value <br> $\mathbf{( \$ 0 0 0 )}$ | Market Value <br> $\mathbf{( \$ 0 0 0 )}$ |
| :--- | :---: | :---: | :---: |
| Whitefish | 1,847 | 2,261 | 4,206 |
| Whitefish Roe | 29 | 159 | 369 |
| Pickerel | 35 | 89 | 179 |
| Northern Pike | 41 | 23 | 83 |
| Tullibee | 2 | 5 | 3 |
| Goldeye | 3 | 4 | 8 |
| Total | $\mathbf{1 , 9 5 7}$ | $\mathbf{2 , 5 4 2}$ | $\mathbf{4 , 8 4 8}$ |

Figure 3.6
Landings by Major Lakes
Alberta, 2006/07
Total: 1,579 Tonnes


Figure 3.7
Landed Value by Major Lakes
Alberta, 2006/07
Total: $\mathbf{2 . 0}$ Million


Table 3.2
Landings and Landed Value by Species and Major Lakes
Alberta, 2006/07

| Species | Major Lakes |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Athabasca |  | Lac la Biche |  | Lesser Slave |  | Utikuma |  | Alberta |  |
|  | Landings <br> (t) | Landed Value (\$000) | $\begin{array}{\|c} \text { Landings } \\ (t) \end{array}$ | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | $\begin{gathered} \text { Landed } \\ \text { Value } \\ (\$ 000) \\ \hline \hline \end{gathered}$ |
| Whitefish | 0 | 0 | 9 | 12 | 639 | 349 | 830 | 1,349 | 1,847 | 2,261 |
| Pickerel | 33 | 83 | 0 | 0 | 1 | 4 | 1 | 2 | 35 | 89 |
| Northern Pike | 0 | 0 | 0 | 0 | 11 | 6 | 25 | 14 | 41 | 23 |
| Others* | 3 | 4 | 0 | 0 | 27 | 148 | 0 | 0 | 34 | 168 |
| Total | 36 | 87 | 9 | 12 | 678 | 508 | 856 | 1,365 | 1,957 | 2,541 |

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

Figure 3.5
Self-Employed Harvesters by Season
Alberta, 2006/07
Total: 77 Harvesters


Table 3.3
Number of Self-Employed Harvesters by Season Fished Alberta, 2006/07

| Season | Self-Employed |
| :--- | :---: |
| Summer Only | 35 |
| Winter Only | 18 |
| Both Seasons | 24 |
| Total | 77 |

Figure 3.6
Percentage Distribution of Self-Employed Harvesters by Landed Value* Alberta, 2006/07


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

Figure 3.7
Average Payment, Weight, and the Number of Self-Employed
Harvesters By Landed Value
Alberta, 2006/07


Figure 3.8
Number of Full-Time Equivalent Employment by Landed Value
Alberta, 2006/07


Table 3.4
Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value
Alberta, 2006/07

| Landed Value | No. of <br> Harvesters | Full-Time <br> Employment | ------------- Average Per Harvester -------------- |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Deliveries | Weeks | Weights (lb.) | Payments (\$) |  |
| $\$ 0-\$ 10,000$ | 28 | $<4$ | 5 | 2 | 2,503 | 3,632 |
| $\$ 10,001-\$ 20,000$ | 17 | $<4$ | 18 | 5 | 10,354 | 14,765 |
| $\$ 20,001-\$ 30,000$ | 6 | $<4$ | 23 | 5 | 20,881 | 24,275 |
| $\$ 30,001-\$ 40,000$ | 4 | $<4$ | 30 | 10 | 27,195 | 33,856 |
| $\$ 40,001+$ | 22 | 5 | 44 | 11 | 67,244 | 86,882 |

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, 1998-2006


Figure 3.10
Landed Value Trend by Major Species Alberta, 1998-2006


Table 3.5
Landings and Landed Value Trend by Species
Alberta, 1998-2006

| Species | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Whitefish | 1,504 | 1,537 | 1,498 | 1,554 | 2,034 | 1,788 | 1,532 | 1,442 | 1,847 |
| \% Change | -- | 2.2\% | -2.5\% | 3.7\% | 30.9\% | -12.1\% | -14.3\% | -5.9\% | 28.1\% |
| \% of Total Landings | 85.6\% | 80.8\% | 86.1\% | 83.9\% | 89.4\% | 91.7\% | 91.2\% | 91.7\% | 94.4\% |
| Northern Pike | 81 | 199 | 117 | 181 | 136 | 68 | 42 | 35 | 41 |
| \% Change | -- | 145.7\% | -41.2\% | 54.7\% | -24.9\% | -50.0\% | -38.2\% | -16.7\% | 17.1\% |
| \% of Total Landings | 4.6\% | 10.5\% | 6.7\% | 9.8\% | 6.0\% | 3.5\% | 2.5\% | 2.2\% | 2.1\% |
| Pickerel | 77 | 41 | 46 | 49 | 44 | 43 | 66 | 62 | 35 |
| \% Change | -- | -46.8\% | 12.2\% | 6.5\% | -10.2\% | -2.3\% | 53.5\% | -6.1\% | -43.5\% |
| \% of Total Landings | 4.4\% | 2.2\% | 2.6\% | 2.6\% | 1.9\% | 2.2\% | 3.9\% | 3.9\% | 1.8\% |
| Others* | 96 | 126 | 78 | 68 | 60 | 51 | 40 | 34 | 34 |
| \% Change | -- | 31.3\% | -38.1\% | -12.8\% | -11.8\% | -15.0\% | -21.6\% | -15.0\% | 0.0\% |
| \% of Total Landings | 5.5\% | 6.6\% | 4.5\% | 3.7\% | 2.6\% | 2.6\% | 2.4\% | 2.2\% | 1.7\% |
| Total | 1,758 | 1,903 | 1,739 | 1,852 | 2,274 | 1,950 | 1,680 | 1,573 | 1,957 |
| \% Change | -- | 8.2\% | -8.6\% | 6.5\% | 22.8\% | -14.2\% | -13.8\% | -6.4\% | 24.4\% |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Whitefish | 1,542 | 1,953 | 2,181 | 1,833 | 2,742 | 2,138 | 1,650 | 1,532 | 2,261 |
| \% Change | -- | 26.7\% | 11.7\% | -16.0\% | 49.6\% | -22.0\% | -22.8\% | -7.2\% | 47.6\% |
| Northern Pike | 68 | 162 | 99 | 135 | 92 | 43 | 25 | 20 | 23 |
| \% Change | -- | 138.2\% | -38.9\% | 36.4\% | -31.9\% | -53.3\% | -41.9\% | -20.0\% | 15.0\% |
| Pickerel | 322 | 158 | 166 | 185 | 178 | 136 | 196 | 164 | 89 |
| \% Change | -- | -50.9\% | 5.1\% | 11.4\% | -3.8\% | -23.6\% | 44.1\% | -16.3\% | -45.7\% |
| Others* | 165 | 183 | 177 | 233 | 149 | 128 | 159 | 181 | 168 |
| \% Change | -- | 10.9\% | -3.3\% | 31.6\% | -36.1\% | -14.1\% | 24.2\% | 13.8\% | -7.2\% |
| Total | 2,097 | 2,456 | 2,623 | 2,386 | 3,161 | 2,445 | 2,030 | 1,897 | 2,541 |
| \% Change | -- | 17.1\% | 6.8\% | -9.0\% | 32.5\% | -22.7\% | -17.0\% | -6.6\% | 33.9\% |

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

Figure 3.11
Landings Trend by Major Lakes
Alberta, 1998-2006


Figure 3.12
Landed Value Trend by Major Lakes
Alberta, 1998-2006


Table 3.6
Landings and Landed Value Trend by Major Lakes
Alberta, 1998-2006

| Major Lakes | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Athabasca | 74 | 36 | 41 | 43 | 43 | 41 | 61 | 62 | 36 |
| \% Change | -- | -51.4\% | 13.9\% | 4.9\% | 0.0\% | -4.7\% | 48.8\% | 1.6\% | -41.9\% |
| Lac la Biche | 75 | 51 | 16 | 18 | 38 | 46 | 34 | 24 | 10 |
| \% Change | -- | -32.0\% | -68.6\% | 12.5\% | 111.1\% | 21.1\% | -26.1\% | -29.4\% | -58.3\% |
| Lesser Slave | 800 | 820 | 754 | 725 | 705 | 749 | 731 | 701 | 678 |
| \% Change | -- | 2.5\% | -8.0\% | -3.8\% | -2.8\% | 6.2\% | -2.4\% | -4.1\% | -3.3\% |
| Utikuma* | 307 | 419 | 358 | 432 | 897 | 483 | 397 | 282 | 856 |
| \% Change | -- | 36.5\% | -14.6\% | 20.7\% | 107.6\% | -46.2\% | -17.8\% | -29.0\% | 203.5\% |
| Total | 1,256 | 1,326 | 1,169 | 1,218 | 1,683 | 1,319 | 1,223 | 1,069 | 1,580 |
| \% Change | -- | 5.6\% | -11.8\% | 4.2\% | 38.2\% | -21.6\% | -7.3\% | -12.6\% | 47.8\% |
| \% of Total Landings | 71.4\% | 69.6\% | 67.2\% | 65.7\% | 74.0\% | 67.5\% | 72.7\% | 67.9\% | 80.7\% |
| Total Landings** | 1,758 | 1,904 | 1,739 | 1,854 | 2,275 | 1,955 | 1,682 | 1,574 | 1,958 |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Athabasca | 295 | 127 | 143 | 156 | 169 | 128 | 174 | 161 | 87 |
| \% Change | -- | -56.9\% | 12.6\% | 9.1\% | 8.3\% | -24.3\% | 35.9\% | -7.5\% | -46.0\% |
| Lac la Biche | 68 | 29 | 13 | 20 | 48 | 56 | 37 | 28 | 12 |
| \% Change | -- | -57.4\% | -55.2\% | 53.8\% | 140.0\% | 16.7\% | -33.9\% | -24.3\% | -57.1\% |
| Lesser Slave | 594 | 686 | 707 | 647 | 564 | 583 | 522 | 503 | 508 |
| \% Change | -- | 15.5\% | 3.1\% | -8.5\% | -12.8\% | 3.4\% | -10.5\% | -3.6\% | 1.0\% |
| Utikuma* | 462 | 616 | 628 | 593 | 1,505 | 699 | 612 | 471 | 1,365 |
| \% Change | -- | 33.3\% | 1.9\% | -5.6\% | 153.8\% | -53.6\% | -12.4\% | -23.0\% | 189.8\% |
| Total | 1,419 | 1,458 | 1,491 | 1,416 | 2,286 | 1,466 | 1,345 | 1,163 | 1,972 |
| \% Change | -- | 2.7\% | 2.3\% | -5.0\% | 61.4\% | -35.9\% | -8.3\% | -13.5\% | 69.6\% |
| \% of Total Landed Value | 67.7\% | 59.4\% | 56.9\% | 59.4\% | 72.3\% | 60.0\% | 66.3\% | 61.3\% | 77.6\% |
| Total Landed Value*** | 2,097 | 2,456 | 2,622 | 2,385 | 3,162 | 2,445 | 2,029 | 1,896 | 2,541 |

Notes: * The spikes at Lake Utikuma in 2002/03 and 2006-07 reflect irregularities in commercial deliveries cause by low oxygen level. Harvesters are permitted to exceed quotas in a winter with very low oxygen levels which may be followed by several years of reduced quotas while the whitefish stock recovers; ** Total landings in all lakes in Alberta; *** Total landed values of landings in all lakes in Alberta.

Figure 3.13
Number of Self-Employed Harvesters Trend by Season
Alberta, 1998-2006


Table 3.7
Number of Self-Employed Harvesters Trend by Season Fished
Alberta, 1998-2006

| Year | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer Only | 55 | 40 | 41 | 43 | 35 | 36 | 41 | 24 | 35 |
| \% Change | -- | -27.3\% | 2.5\% | 4.9\% | -18.6\% | 2.9\% | 13.9\% | -41.5\% | 45.8\% |
| Winter Only | 64 | 67 | 63 | 46 | 37 | 42 | 27 | 35 | 18 |
| \% Change | -- | 4.7\% | -6.0\% | -27.0\% | -19.6\% | 13.5\% | -35.7\% | 29.6\% | -48.6\% |
| Both Seasons | 53 | 59 | 43 | 50 | 52 | 44 | 37 | 27 | 24 |
| \% Change | -- | 11.3\% | -27.1\% | 16.3\% | 4.0\% | -15.4\% | -15.9\% | -27.0\% | -11.1\% |
| Total | 172 | 166 | 147 | 139 | 124 | 122 | 105 | 86 | 77 |
| \% Change | -- | -3.5\% | -11.4\% | -5.4\% | -10.8\% | -1.6\% | -13.9\% | -18.1\% | -10.5\% |

Figure 3.14
Number of Self-Employed Harvesters Trend by Landed Value Alberta, 1998-2006


Table 3.8
Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed Value Alberta, 1998-2006

| Landed Value | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Payment (\$) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 2,880 | 3,511 | 3,628 | 3,564 | 2,673 | 3,215 | 3,898 | 4,410 | 3,632 |
| \$10001-\$20,000 | 13,926 | 14,382 | 14,178 | 13,047 | 14,424 | 15,719 | 14,524 | 14,478 | 14,765 |
| \$20,001-\$30,000 | 26,006 | 22,223 | 24,722 | 24,849 | 23,872 | 25,309 | 23,619 | 24,007 | 24,275 |
| \$30,001-\$40,000 | 37,396 | 34,071 | 35,549 | 37,980 | 34,371 | 35,922 | 34,256 | 34,075 | 33,856 |
| \$40,001+ | 58,112 | 63,329 | 69,795 | 65,824 | 74,880 | 69,304 | 71,109 | 67,145 | 86,882 |
| Average Weight ( $t$ ) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 2,182 | 2,182 | 1,831 | 2,354 | 1,781 | 2,361 | 2,884 | 2,605 | 2,503 |
| \$10001-\$20,000 | 9,796 | 9,807 | 8,378 | 8,889 | 8,660 | 9,039 | 9,412 | 9,959 | 10,354 |
| \$20,001-\$30,000 | 18,550 | 15,424 | 13,798 | 17,616 | 16,403 | 19,764 | 17,003 | 14,493 | 20,881 |
| \$30,001-\$40,000 | 33,626 | 25,542 | 22,018 | 26,187 | 26,527 | 27,533 | 29,804 | 25,112 | 27,195 |
| \$40,001+ | 59,451 | 54,827 | 50,212 | 56,614 | 55,287 | 59,999 | 64,806 | 65,264 | 67,244 |
| Number of Self-Employed Harvesters |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 104 | 100 | 82 | 76 | 55 | 65 | 49 | 36 | 28 |
| \$10001-\$20,000 | 35 | 34 | 29 | 26 | 25 | 20 | 25 | 20 | 17 |
| \$20,001-\$30,000 | 17 | 5 | 8 | 12 | 7 | 10 | 7 | 7 | 6 |
| \$30,001-\$40,000 | <4 | 7 | 6 | 6 | 7 | 6 | 5 | 8 | 4 |
| \$40,001+ | 13 | 20 | 22 | 19 | 30 | 21 | 16 | 15 | 22 |
| Total* | 169 | 166 | 147 | 139 | 124 | 122 | 102 | 86 | 77 |
| \% Change | -- | -1.8\% | -11.4\% | -5.4\% | -10.8\% | -1.6\% | -16.4\% | -15.7\% | -10.5\% |

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, 1998-2006


Table 3.9
Number of Full-Time Equivalent Employment Trend by Landed Value Alberta, 1998-2006

| Landed Value | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$0-\$10,000 | 5 | 6 | 5 | 5 | <4 | <4 | <4 | <4 | <4 |
| \$10001-\$20,000 | 5 | 4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 |
| \$20,001-\$30,000 | <4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 |
| \$30,001 - \$40,000 | <4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 | <4 |
| \$40,001+ | 5 | 8 | 7 | 6 | 8 | 6 | <4 | 4 | 5 |
| Total* | 15 | 18 | 11 | 11 | 8 | 6 | -- | 4 | 5 |
| \% Change | -- | 25.8\% | -38.1\% | -3.7\% | -25.9\% | -30.0\% | -- | -- | 23.5\% |

[^2]
## Section 4:

## Saskatchewan

Figure 4.1
Landings by Species Saskatchewan 2006/07
Total: 2,556 Tonnes


Figure 4.2
Landed Value by Species
Saskatchewan 2006/07
Total: \$2.7 Million


Table 4.1
Landings, Landed and Market Values by Species
Saskatchewan, 2006/07

| Species | Landings <br> $\mathbf{( t )}$ | Landed Value <br> $\mathbf{( \$ 0 0 0 )}$ | Market Value <br> $\mathbf{( \$ 0 0 0 )}$ |
| :--- | :---: | :---: | :---: |
| Whitefish | 1,053 | 723 | 2,059 |
| Pickerel | 445 | 1,501 | 2,301 |
| Lake Trout | 295 | 193 | 434 |
| Northern Pike | 367 | 202 | 745 |
| Mullet | 394 | 119 | 508 |
| Others* | 2 | 4 | 7 |
| Total | $\mathbf{2 , 5 5 6}$ | $\mathbf{2 , 7 4 2}$ | $\mathbf{6 , 0 5 4}$ |

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

Figure 4.6
Landings by Major Lake
Saskatchewan 2006/07
Total: 986 Tonnes


Figure 4.7
Landed Value by Major Lake
Saskatchewan 2006/07
Total: \$ 0.7 Million


Table 4.2
Landings and Landed Value by Species and Major Lakes
Saskatchewan, 2006/07

| Species | Major Lakes |  |  |  |  |  |  |  |  |  | Saskatchewan |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dore |  | Ile-a-la Crosse |  | Churchill |  | Reindeer |  | Pinehouse |  |  |  |
|  | $\underset{(t)}{\text { Landings }}$ | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings $(t)$ | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | $\underset{(t)}{\operatorname{Landings}}$ | Landed Value (\$000) | $\underset{(t)}{\operatorname{Landings}}$ | Landed Value (\$000) |
| Whitefish | 54 | 50 | 10 | 9 | 2 | 2 | 275 | 160 | 40 | 21 | 1,053 | 723 |
| Pickerel | 1 | 3 | 8 | 28 | 29 | 98 | 4 | 15 | 40 | 131 | 445 | 1,501 |
| Lake Trout | 0 | 0 | 0 | 0 | 0 | 0 | 176 | 127 | 0 | 0 | 295 | 193 |
| Northern Pike | 4 | 2 | 70 | 37 | 38 | 21 | 3 | 2 | 21 | 11 | 367 | 202 |
| Mullet | 2 | 0 | 139 | 41 | 49 | 15 | 0 | 0 | 18 | 5 | 394 | 119 |
| Others* | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 |
| Total | 61 | 56 | 229 | 118 | 119 | 135 | 458 | 303 | 120 | 171 | 2,558 | 2,746 |

Figure 4.5
Self-Employed Harvesters by Season
Saskatchewan, 2006/07
Total: 366 Harvesters


Table 4.3
Number of Self-Employed Harvesters by Season Fished
Saskatchewan, 2006/07

| Season | Self-Employed |
| :--- | :---: |
| Summer Only | 182 |
| Winter Only | 184 |
| Both Seasons | $<4$ |
| Total | $\mathbf{3 6 6}$ |

Figure 4.6
Percentage Distribution of Self-Employed Harvesters by Landed Values* Saskatchewan, 2006/07


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, 2006/07


Figure 4.8
Number of Full-Time Equivalent Employment by Landed Value Saskatchewan, 2006/07


Table 4.4
Landings, Landed Value, Number of Full-Time Employment and Fishing Effort by Landed Value Saskatchewan, 2006/07

| Landed Value | No. of <br> Harvesters | Full-Time <br> Employment | ------------ Averages Per Harvesters --------------- |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deliveries | Weeks | Weights (lb.) | Payments (\$) |  |  |
| $\$ 0-\$ 10,000$ | 276 | 25 | 15 | 5 | 3,780 | 4,177 |
| $\$ 10001-\$ 20,000$ | 71 | 12 | 33 | 9 | 13,052 | 13,687 |
| $\$ 20,001-\$ 30,000$ | 16 | 4 | 39 | 12 | 22,384 | 23,762 |
| $\$ 30,001-\$ 40,000$ | 5 | $<4$ | 32 | 10 | 28,230 | 34,064 |
| $\$ 40,001+$ | $<4$ | $<4$ | 125 | 21 | 90,970 | 71,244 |

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, 1998-2006


Figure 4.10
Landed Value Trend by Major Species
Saskatchewan, 1998-2006


Table 4.5
Landings and Landed Value Trend by Species
Saskatchewan, 1998-2006

| Species | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings ( $t$ ) |  |  |  |  |  |  |  |  |  |
| Whitefish | 943 | 1,100 | 1,494 | 1,476 | 1,405 | 1,177 | 966 | 990 | 1,053 |
| \% Change | -- | 16.6\% | 35.8\% | -1.2\% | -4.8\% | -16.2\% | -17.9\% | 2.5\% | 6.4\% |
| \% of Total Landings | 28.5\% | 29.2\% | 35.9\% | 33.3\% | 32.8\% | 33.6\% | 30.6\% | 35.9\% | 41.2\% |
| Pickerel | 482 | 505 | 464 | 590 | 630 | 636 | 507 | 467 | 445 |
| \% Change | -- | 4.8\% | -8.1\% | 27.2\% | 6.8\% | 1.0\% | -20.3\% | -7.9\% | -4.7\% |
| \% of Total Landings | 14.6\% | 13.4\% | 11.2\% | 13.3\% | 14.7\% | 18.1\% | 16.0\% | 17.0\% | 17.4\% |
| Lake Trout | 296 | 289 | 341 | 393 | 304 | 352 | 341 | 324 | 295 |
| \% Change | -- | -2.4\% | 18.0\% | 15.2\% | -22.6\% | 15.8\% | -3.1\% | -5.0\% | -9.0\% |
| \% of Total Landings | 8.9\% | 7.7\% | 8.2\% | 8.9\% | 7.1\% | 10.0\% | 10.8\% | 11.8\% | 11.5\% |
| Northern Pike | 731 | 800 | 781 | 815 | 680 | 545 | 560 | 410 | 367 |
| \% Change | -- | 9.4\% | -2.4\% | 4.4\% | -16.6\% | -19.9\% | 2.8\% | -26.8\% | -10.5\% |
| \% of Total Landings | 22.1\% | 21.3\% | 18.8\% | 18.4\% | 15.9\% | 15.5\% | 17.7\% | 14.9\% | 14.4\% |
| Mullet | 715 | 991 | 1,027 | 1,080 | 1,130 | 677 | 784 | 562 | 394 |
| \% Change | -- | 38.6\% | 3.6\% | 5.2\% | 4.6\% | -40.1\% | 15.8\% | -28.3\% | -29.9\% |
| \% of Total Landings | 21.6\% | 26.3\% | 24.7\% | 24.4\% | 26.4\% | 19.3\% | 24.8\% | 20.4\% | 15.4\% |
| Others* | 143 | 76 | 52 | 72 | 134 | 119 | 4 | 2 | 2 |
| \% Change | -- | -46.9\% | -31.6\% | 38.5\% | 86.1\% | -11.2\% | -96.6\% | -50.0\% | 0.0\% |
| \% of Total Landings | 4.3\% | 2.0\% | 1.3\% | 1.6\% | 3.1\% | 3.4\% | 0.1\% | 0.1\% | 0.1\% |
| Total | 3,310 | 3,761 | 4,159 | 4,426 | 4,283 | 3,506 | 3,162 | 2,755 | 2,556 |
| \% Change | -- | 13.6\% | 10.6\% | 6.4\% | -3.2\% | -18.1\% | -9.8\% | -12.9\% | -7.2\% |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Whitefish | 1,009 | 1,325 | 1,831 | 1,338 | 1,280 | 968 | 732 | 729 | 723 |
| \% Change | -- | 31.3\% | 38.2\% | -26.9\% | -4.3\% | -24.4\% | -24.4\% | -0.4\% | -0.8\% |
| Pickerel | 2,232 | 2,184 | 1,941 | 2,554 | 2,845 | 2,120 | 1,734 | 1,474 | 1,501 |
| \% Change | -- | -2.2\% | -11.1\% | 31.6\% | 11.4\% | -25.5\% | -18.2\% | -15.0\% | 1.8\% |
| Lake Trout | 234 | 226 | 266 | 308 | 244 | 286 | 227 | 216 | 193 |
| \% Change | -- | -3.4\% | 17.7\% | 15.8\% | -20.8\% | 17.2\% | -20.6\% | -4.8\% | -10.6\% |
| Northern Pike | 578 | 632 | 623 | 599 | 461 | 315 | 310 | 230 | 202 |
| \% Change | -- | 9.3\% | -1.4\% | -3.9\% | -23.0\% | -31.7\% | -1.6\% | -25.8\% | -12.2\% |
| Mullet | 177 | 242 | 250 | 262 | 254 | 150 | 190 | 157 | 119 |
| \% Change | -- | 36.7\% | 3.3\% | 4.8\% | -3.1\% | -40.9\% | 26.7\% | -17.4\% | -24.2\% |
| Others* | 94 | 49 | 47 | 40 | 56 | 46 | 4 | 5 | 4 |
| \% Change | -- | -47.9\% | -4.1\% | -14.9\% | 40.0\% | -17.9\% | -91.3\% | 25.0\% | -20.0\% |
| Total | 4,324 | 4,658 | 4,958 | 5,101 | 5,140 | 3,885 | 3,197 | 2,811 | 2,742 |
| \% Change | -- | 7.7\% | 6.4\% | 2.9\% | 0.8\% | -24.4\% | -17.7\% | -12.1\% | -2.5\% |

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

Figure 4.11
Landings Trend by Major Lakes

## Saskatchewan, 1998-2006



Figure 4.12
Landed Value Trend by Major Lakes
Saskatchewan, 1998-2006


Table 4.6
Landings and Landed Value Trend by Major Lakes
Saskatchewan, 1998-2006

| Major Lakes | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Dore | 276 | 287 | 296 | 166 | 247 | 77 | 20 | 76 | 61 |
| \% Change | -- | 4.0\% | 3.1\% | -43.9\% | 48.8\% | -68.8\% | -74.0\% | 280.0\% | -19.7\% |
| lle-a-la Crosse | 281 | 333 | 412 | 508 | 382 | 289 | 372 | 356 | 228 |
| \% Change | -- | 18.5\% | 23.7\% | 23.3\% | -24.8\% | -24.3\% | 28.7\% | -4.3\% | -36.0\% |
| Churchill | 91 | 73 | 178 | 255 | 113 | 72 | 207 | 156 | 119 |
| \% Change | -- | -19.8\% | 143.8\% | 43.3\% | -55.7\% | -36.3\% | 187.5\% | -24.6\% | -23.7\% |
| Reindeer | 287 | 321 | 404 | 433 | 474 | 453 | 392 | 378 | 458 |
| \% Change | -- | 11.8\% | 25.9\% | 7.2\% | 9.5\% | -4.4\% | -13.5\% | -3.6\% | 21.2\% |
| Pinehouse | 161 | 170 | 193 | 216 | 205 | 240 | 193 | 153 | 120 |
| \% Change | -- | 5.6\% | 13.5\% | 11.9\% | -5.1\% | 17.1\% | -19.6\% | -20.7\% | -21.6\% |
| Total | 1,096 | 1,184 | 1,483 | 1,578 | 1,421 | 1,131 | 1,184 | 1,119 | 986 |
| \% Change | -- | 8.0\% | 25.3\% | 6.4\% | -9.9\% | -20.4\% | 4.7\% | -5.5\% | -11.9\% |
| \% of Total Landings | 33.1\% | 31.5\% | 35.7\% | 35.6\% | 33.2\% | 32.2\% | 37.5\% | 40.5\% | 38.6\% |
| Total Landings* | 3,310 | 3,760 | 4,158 | 4,427 | 4,284 | 3,507 | 3,160 | 2,760 | 2,556 |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Dore | 347 | 355 | 372 | 164 | 186 | 44 | 18 | 67 | 56 |
| \% Change | -- | 2.3\% | 4.8\% | -55.9\% | 13.4\% | -76.3\% | -59.1\% | 272.2\% | -16.4\% |
| lle-a-la Crosse | 207 | 300 | 293 | 366 | 345 | 219 | 186 | 148 | 117 |
| \% Change | -- | 44.9\% | -2.3\% | 24.9\% | -5.7\% | -36.5\% | -15.1\% | -20.4\% | -20.9\% |
| Churchill | 47 | 49 | 108 | 215 | 188 | 123 | 204 | 158 | 135 |
| \% Change | -- | 4.3\% | 120.4\% | 99.1\% | -12.6\% | -34.6\% | 65.9\% | -22.5\% | -14.6\% |
| Reindeer | 246 | 298 | 393 | 390 | 378 | 371 | 281 | 278 | 303 |
| \% Change | -- | 21.1\% | 31.9\% | -0.8\% | -3.1\% | -1.9\% | -24.3\% | -1.1\% | 9.0\% |
| Pinehouse | 327 | 325 | 347 | 358 | 330 | 210 | 232 | 221 | 170 |
| \% Change | -- | -0.6\% | 6.8\% | 3.2\% | -7.8\% | -36.4\% | 10.5\% | -4.7\% | -23.1\% |
| Total | 1,174 | 1,327 | 1,513 | 1,493 | 1,427 | 967 | 921 | 872 | 781 |
| \% Change | -- | 13.0\% | 14.0\% | -1.3\% | -4.4\% | -32.2\% | -4.8\% | -5.3\% | -10.4\% |
| \% of Total Landed Value | 27.2\% | 28.5\% | 30.5\% | 29.3\% | 27.8\% | 24.9\% | 28.8\% | 31.0\% | 28.5\% |
| Total Landed Value** | 4,323 | 4,658 | 4,960 | 5,101 | 5,140 | 3,884 | 3,197 | 2,812 | 2,742 |

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

Figure 4.13
Number of Self-Employed Harvesters Trend by Season Saskatchewan, 1998-2006


Table 4.7
Number of Self-Employed Harvesters Trend by Season Fished
Saskatchewan, 1998-2006

| Season | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer Only | 243 | 219 | 237 | 243 | 239 | 241 | 242 | 213 | $\mathbf{1 8 2}$ |
| \% Change | -- | $-9.9 \%$ | $8.2 \%$ | $2.5 \%$ | $-1.6 \%$ | $0.8 \%$ | $0.4 \%$ | $-12.0 \%$ | $-14.6 \%$ |
| Winter Only | 271 | 299 | 320 | 353 | 413 | 434 | 323 | 283 | 184 |
| \% Change | -- | $10.3 \%$ | $7.0 \%$ | $10.3 \%$ | $17.0 \%$ | $5.1 \%$ | $-25.6 \%$ | $-12.4 \%$ | $-35.0 \%$ |
| Both | 26 | 43 | 41 | 39 | 51 | 44 | 25 | 10 | $<4$ |
| \% Change | -- | $65.4 \%$ | $-4.7 \%$ | $-4.9 \%$ | $30.8 \%$ | $-13.7 \%$ | $-43.2 \%$ | $-60.0 \%$ | -- |
| Total | $\mathbf{5 4 0}$ | $\mathbf{5 6 1}$ | $\mathbf{5 9 8}$ | $\mathbf{6 3 5}$ | $\mathbf{7 0 3}$ | $\mathbf{7 1 9}$ | $\mathbf{5 9 0}$ | $\mathbf{5 0 6}$ | $\mathbf{3 6 6}$ |
| \% Change | -- | $\mathbf{3 . 9} \%$ | $\mathbf{6 . 6 \%}$ | $\mathbf{6 . 2 \%}$ | $\mathbf{1 0 . 7} \%$ | $\mathbf{2 . 3} \%$ | $\mathbf{- 1 7 . 9 \%}$ | $\mathbf{- 1 4 . 2 \%}$ | $\mathbf{- 2 7 . 7 \%}$ |

Figure 4.14
Number of Self-Employed Harvesters Trend by Landed Value Saskatchewan, 1998-2006


Table 4.8
Average Payment, Weight and Number of Self-Employed Harvesters Trend by Landed Value Saskatchewan, 1998-2006

| Landed Value | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Payment (\$) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 3,674 | 4,155 | 4,182 | 4,181 | 3,902 | 3,294 | 3,178 | 3,318 | 4,177 |
| \$10,001-\$20,000 | 13,832 | 13,237 | 13,470 | 13,540 | 13,295 | 13,196 | 14,045 | 13,795 | 13,687 |
| \$20,001-\$30,000 | 24,573 | 24,815 | 24,722 | 24,736 | 24,086 | 23,478 | 22,849 | 22,768 | 23,762 |
| \$30,001-\$40,000* | 33,962 | 33,628 | 34,277 | 33,988 | 35,961 | 32,758 | 33,018 | 32,936 | 34,064 |
| \$40,001+ | 49,083 | 47,708 | 58,392 | 49,730 | 51,015 | 50,144 | 45,762 | 50,377 | 71,244 |
| Average Weight (t) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 2,731 | 2,800 | 3,350 | 3,388 | 4,318 | 2,867 | 3,110 | 3,510 | 3,780 |
| \$10,001-\$20,000 | 11,935 | 10,069 | 11,378 | 13,011 | 10,544 | 11,286 | 13,638 | 12,105 | 13,052 |
| \$20,001-\$30,000 | 17,428 | 22,150 | 24,114 | 20,403 | 19,329 | 22,376 | 25,616 | 23,100 | 22,384 |
| \$30,001-\$40,000* | 23,399 | 27,438 | 25,823 | 28,143 | 27,300 | 28,187 | 29,963 | 30,429 | 28,230 |
| \$40,001+ | 37,362 | 49,740 | 51,026 | 49,734 | 40,926 | 90,247 | 44,841 | 49,568 | 90,970 |
| No. of Self-Employed Harvesters |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 396 | 401 | 439 | 468 | 543 | 607 | 491 | 416 | 276 |
| \$10,001-\$20,000 | 92 | 102 | 105 | 113 | 108 | 79 | 77 | 77 | 71 |
| \$20,001-\$30,000 | 26 | 41 | 30 | 27 | 34 | 26 | 14 | 9 | 16 |
| \$30,001-\$40,000* | 21 | 13 | 18 | 22 | 10 | 4 | <4 | <4 | 5 |
| \$40,001+ | 5 | 4 | 6 | 4 | 8 | <4 | <4 | <4 | <4 |
| Total** | 540 | 561 | 598 | 634 | 703 | 716 | 582 | 502 | 368 |
| \% Change | -- | 3.9\% | 6.6\% | 6.0\% | 10.9\% | 1.8\% | -18.7\% | -13.7\% | -26.7\% |

Note: * Indicates 30001+ for the period 1996-97; ** Total does not include the number for less than 4.

Figure 4.15
Number of Full-Time Equivalent Employment Trend by Landed Value Saskatchewan, 1998-2006


Table 4.9
Number of Full-Time Equivalent Employment Trend by Landed Value
Saskatchewan, 1998-2006

| Landed Value | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\$ 0-\$ 10,000$ | 36 | 37 | 40 | 44 | 42 | 43 | 40 | 41 | 25 |
| $\$ 10,001-\$ 20,000$ | 18 | 18 | 19 | 23 | 17 | 10 | 15 | 13 | 12 |
| $\$ 20,001-\$ 30,000$ | 6 | 9 | 8 | 6 | 7 | 6 | 4 | $<4$ | 4 |
| $\$ 30,001-\$ 40,000$ | 5 | $<4$ | 4 | 6 | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ |
| $\$ 40,001+$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ |
| Total* | $\mathbf{6 5}$ | $\mathbf{6 4}$ | $\mathbf{7 1}$ | $\mathbf{7 9}$ | $\mathbf{6 6}$ | $\mathbf{5 9}$ | $\mathbf{5 9}$ | $\mathbf{5 4}$ | $\mathbf{4 0}$ |
| $\%$ Change | -- | $\mathbf{- 1 . 5 \%}$ | $\mathbf{1 0 . 9 \%}$ | $\mathbf{1 1 . 3 \%}$ | $\mathbf{- 1 6 . 5 \%}$ | $\mathbf{- 1 0 . 6 \%}$ | $\mathbf{0 . 0 \%}$ | $\mathbf{- 8 . 5 \%}$ | $\mathbf{- 2 5 . 7 \%}$ |

[^3]
## Section 5:

## Manitoba

Figure 5.1
Landings by Species
Manitoba 2006/07
Total: 11,758 Tonnes


Figure 5.2
Landed Value by Species
Manitoba 2006/07
Total: \$25 Million


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

Table 5.1
Landings, Landed and Market Values by Species
Manitoba, 2006/07

| Species | Landings <br> $\mathbf{( t )}$ | Landed Value <br> $\mathbf{( \$ 0 0 0 )}$ | Market Value <br> $(\mathbf{\$ 0 0 0})$ |
| :--- | :---: | :---: | :---: |
| Whitefish | 2,049 | 2,201 | 5,128 |
| Pickerel | 5,918 | 19,817 | 30,595 |
| Sauger | 165 | 467 | 671 |
| Lake Trout | 40 | 30 | 59 |
| Northern Pike | 1,237 | 788 | 2,510 |
| Tullibee | 61 | 44 | 90 |
| Perch | 206 | 649 | 971 |
| Mullet | 1,518 | 538 | 1,958 |
| Carp | 466 | 226 | 457 |
| Others* | 98 | 310 | 626 |
| Total | $\mathbf{1 1 , 7 5 8}$ | $\mathbf{2 5 , 0 7 0}$ | $\mathbf{4 3 , 0 6 5}$ |

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

Figure 5.3
Landings by Major Lake
Manitoba 2006/07
Total: 9,028 Tonnes


Figure 5.4
Landed Value by Major Lake
Manitoba 2006/07
Total: \$20.7 Million


Table 5.2
Landings and Landed Value by Species and Major Lakes
Manitoba, 2006/07

| Species | Major Lakes |  |  |  |  |  |  |  | Manitoba |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cedar |  | Lake Manitoba |  | Lake Winnipeg |  | Lake Winnipegosis |  |  |  |
|  | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) |
| Whitefish | 6 | 4 | 4 | 3 | 1,302 | 1,550 | 34 | 32 | 2,049 | 2,201 |
| Pickerel | 182 | 645 | 200 | 659 | 4,517 | 15,056 | 135 | 476 | 5,918 | 19,817 |
| Sauger | 0 | 1 | 3 | 8 | 151 | 426 | 0 | 0 | 165 | 467 |
| Lake Trout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 |
| Northern Pike | 187 | 121 | 142 | 88 | 81 | 55 | 161 | 103 | 1,237 | 788 |
| Tullibee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 44 |
| Perch | 0 | 0 | 182 | 576 | 17 | 53 | 3 | 5 | 206 | 649 |
| Mullet | 85 | 29 | 288 | 105 | 91 | 33 | 744 | 264 | 1,518 | 538 |
| Carp | 0 | 0 | 275 | 128 | 113 | 61 | 41 | 17 | 466 | 226 |
| Others* | 0 | 0 | 0 | 0 | 83 | 239 | 0 | 0 | 98 | 310 |
| Total | 462 | 801 | 1,093 | 1,567 | 6,354 | 17,472 | 1,119 | 896 | 11,758 | 25,070 |

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

Figure 5.5
Self-Employed Harvesters by Season
Manitoba, 2006/07
Total: 1,714 Harvesters


Table 5.3
Number of Self-Employed Harvesters by Season Fished Manitoba, 2006/07

| Season | Self-Employed |
| :--- | :---: |
| Summer Only | 398 |
| Winter Only | 1,034 |
| Both Seasons | 282 |
| Total | $\mathbf{1 , 7 1 4}$ |

Figure 5.6
Percentage Distribution of Self-Employed Harvesters by Landed Value* Manitoba, 2006/07


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, 2006/07


Figure 5.8
Number of Full-Time Equivalent Employment by Landed Value Manitoba, 2006/07


Table 5.4
Landings, Landed Value, Number of Full-Time Equivalent Employment and Fishing Effort by Landed Value
Manitoba, 2006/07

| Landed Value | No. of Harvesters | Full-Time Employment | ----------------- Averages Per Harvesters ---------------- |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Deliveries | Weeks | Weights (lb.) | Payments (\$) |
| \$0-\$10,000 | 767 | 83 | 14 | 6 | 2,534 | 3,770 |
| \$10,001-\$20,000 | 479 | 68 | 23 | 7 | 6,207 | 13,592 |
| \$20,001-\$30,000 | 248 | 44 | 33 | 9 | 10,884 | 24,860 |
| \$30,001-\$40,000 | 123 | 26 | 37 | 11 | 15,311 | 35,480 |
| \$40,001+ | 97 | 25 | 48 | 14 | 23,466 | 53,237 |

[^4]Figure 5.9
Landings Trend by Major Species Manitoba, 1998-2006


Figure 5.10
Landed Value Trend by Major Species Manitoba, 1998-2006


Table 5.5
Landings and Landed Value Trend by Species
Manitoba, 1998-2006

| Species | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Whitefish | 1,993 | 2,066 | 2,526 | 2,713 | 2,692 | 2,907 | 2,664 | 2,284 | 2,049 |
| \% Change | -- | 3.7\% | 22.3\% | 7.4\% | -0.8\% | 8.0\% | -8.4\% | -14.3\% | -10.3\% |
| \% of Total Landings | 16.9\% | 14.1\% | 16.8\% | 18.8\% | 18.1\% | 20.8\% | 22.2\% | 19.7\% | 17.4\% |
| Pickerel | 3,080 | 4,021 | 5,156 | 4,444 | 4,422 | 4,908 | 5,018 | 5,406 | 5,918 |
| \% Change | -- | 30.6\% | 28.2\% | -13.8\% | -0.5\% | 11.0\% | 2.2\% | 7.7\% | 9.5\% |
| \% of Total Landings | 26.1\% | 27.5\% | 34.3\% | 30.8\% | 29.7\% | 35.1\% | 41.8\% | 46.5\% | 50.3\% |
| Sauger | 1,126 | 1,011 | 584 | 687 | 781 | 771 | 590 | 313 | 165 |
| \% Change | -- | -10.2\% | -42.2\% | 17.6\% | 13.7\% | -1.3\% | -23.5\% | -46.9\% | -47.3\% |
| \% of Total Landings | 9.5\% | 6.9\% | 3.9\% | 4.8\% | 5.2\% | 5.5\% | 4.9\% | 2.7\% | 1.4\% |
| Northern Pike | 1,677 | 1,670 | 1,613 | 1,446 | 1,478 | 1,559 | 1,197 | 818 | 1,237 |
| \% Change | -- | -0.4\% | -3.4\% | -10.4\% | 2.2\% | 5.5\% | -23.2\% | -31.7\% | 51.2\% |
| \% of Total Landings | 14.2\% | 11.4\% | 10.7\% | 10.0\% | 9.9\% | 11.2\% | 10.0\% | 7.0\% | 10.5\% |
| Perch | 246 | 225 | 160 | 562 | 478 | 277 | 181 | 167 | 206 |
| \% Change | -- | -8.5\% | -28.9\% | 251.3\% | -14.9\% | -42.1\% | -34.7\% | -7.7\% | 23.4\% |
| \% of Total Landings | 2.1\% | 1.5\% | 1.1\% | 3.9\% | 3.2\% | 2.0\% | 1.5\% | 1.4\% | 1.8\% |
| Mullet | 3,079 | 4,881 | 4,245 | 3,857 | 3,992 | 3,046 | 1,769 | 2,081 | 1,518 |
| \% Change | -- | 58.5\% | -13.0\% | -9.1\% | 3.5\% | -23.7\% | -41.9\% | 17.6\% | -27.1\% |
| \% of Total Landings | 2.6\% | 3.6\% | 3.1\% | 3.4\% | 5.7\% | 2.6\% | 3.5\% | 3.2\% | 3.1\% |
| Others* | 609 | 758 | 732 | 705 | 1,059 | 512 | 586 | 552 | 665 |
| \% Change | -- | 24.5\% | -3.4\% | -3.7\% | 50.2\% | -51.7\% | 14.5\% | -5.8\% | 20.5\% |
| \% of Total Landings | 5.2\% | 5.2\% | 4.9\% | 4.9\% | 7.1\% | 3.7\% | 4.9\% | 4.8\% | 5.7\% |
| Total | 11,810 | 14,632 | 15,016 | 14,414 | 14,902 | 13,980 | 12,005 | 11,621 | 11,758 |
| \% Change | -- | 23.9\% | 2.6\% | -4.0\% | 3.4\% | -6.2\% | -14.1\% | -3.2\% | 1.2\% |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Whitefish | 2,108 | 2,396 | 3,585 | 3,135 | 3,103 | 3,085 | 2,497 | 2,313 | 2,201 |
| \% Change | -- | 13.7\% | 49.6\% | -12.6\% | -1.0\% | -0.6\% | -19.1\% | -7.4\% | -4.8\% |
| Pickerel | 13,375 | 17,182 | 21,641 | 19,859 | 20,438 | 16,941 | 17,140 | 17,211 | 19,817 |
| \% Change | -- | 28.5\% | 26.0\% | -8.2\% | 2.9\% | -17.1\% | 1.2\% | 0.4\% | 15.1\% |
| Sauger | 3,807 | 3,152 | 1,990 | 2,949 | 3,146 | 2,482 | 1,708 | 925 | 467 |
| \% Change | -- | -17.2\% | -36.9\% | 48.2\% | 6.7\% | -21.1\% | -31.2\% | -45.8\% | -49.5\% |
| Northern Pike | 1,393 | 1,427 | 1,414 | 1,180 | 1,117 | 1,075 | 761 | 515 | 788 |
| \% Change | -- | 2.4\% | -0.9\% | -16.5\% | -5.3\% | -3.8\% | -29.2\% | -32.3\% | 53.0\% |
| Perch | 1,142 | 1,119 | 886 | 2,761 | 1,820 | 937 | 589 | 540 | 649 |
| \% Change | -- | -2.0\% | -20.8\% | 211.6\% | -34.1\% | -48.5\% | -37.1\% | -8.3\% | 20.2\% |
| Mullet | 929 | 1,451 | 1,284 | 1,115 | 1,140 | 855 | 516 | 711 | 538 |
| \% Change | -- | 56.2\% | -11.5\% | -13.2\% | 2.2\% | -25.0\% | -39.6\% | 37.8\% | -24.3\% |
| Others* | 406 | 435 | 499 | 548 | 632 | 426 | 527 | 482 | 610 |
| \% Change | -- | 7.1\% | 14.7\% | 9.8\% | 15.3\% | -32.6\% | 23.7\% | -8.5\% | 26.6\% |
| Total | 23,160 | 27,162 | 31,299 | 31,547 | 31,396 | 25,801 | 23,738 | 22,697 | 25,070 |
| \% Change | -- | 17.3\% | 15.2\% | 0.8\% | -0.5\% | -17.8\% | -8.0\% | -4.4\% | 10.5\% |

[^5]Figure 5.11
Landings Trend by Major Lakes
Manitoba, 1998-2006


Figure 5.12
Landed Value Trend by Major Lakes Manitoba, 1998-2006


Table 5.6
Landings and Landed Value by Major Lakes
Manitoba, 1998-2006

| Major Lakes | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Lake Manitoba | 1,594 | 2,715 | 1,916 | 2,004 | 2,363 | 1,738 | 967 | 970 | 1,093 |
| \% Change | -- | 70.3\% | -29.4\% | 4.6\% | 17.9\% | -26.4\% | -44.4\% | 0.3\% | 12.7\% |
| Lake Winnipeg | 4,761 | 5,334 | 6,174 | 6,213 | 6,200 | 6,599 | 6,365 | 6,293 | 6,354 |
| \% Change | -- | 12.0\% | 15.7\% | 0.6\% | -0.2\% | 6.4\% | -3.5\% | -1.1\% | 1.0\% |
| Lake Winnipegosis | 1,991 | 2,558 | 2,847 | 2,366 | 2,444 | 1,626 | 945 | 1,258 | 1,119 |
| \% Change | -- | 28.5\% | 11.3\% | -16.9\% | 3.3\% | -33.5\% | -41.9\% | 33.1\% | -11.0\% |
| Total | 8,346 | 10,607 | 10,937 | 10,583 | 11,007 | 9,963 | 8,277 | 8,521 | 8,566 |
| \% Change | -- | 27.1\% | 3.1\% | -3.2\% | 4.0\% | -9.5\% | -16.9\% | 2.9\% | 0.5\% |
| \% of Total Landings | 70.7\% | 72.5\% | 72.8\% | 73.4\% | 73.9\% | 71.3\% | 69.0\% | 73.3\% | 72.8\% |
| Total Landings* | 11,811 | 14,635 | 15,016 | 14,413 | 14,903 | 13,980 | 12,003 | 11,621 | 11,758 |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Lake Manitoba | 2,273 | 2,559 | 2,719 | 3,749 | 2,913 | 1,964 | 1,104 | 1,184 | 1,567 |
| \% Change | -- | 12.6\% | 6.3\% | 37.9\% | -22.3\% | -32.6\% | -43.8\% | 7.2\% | 32.3\% |
| Lake Winnipeg | 13,510 | 16,487 | 19,982 | 19,805 | 20,479 | 16,712 | 16,295 | 16,101 | 17,472 |
| \% Change | -- | 22.0\% | 21.2\% | -0.9\% | 3.4\% | -18.4\% | -2.5\% | -1.2\% | 8.5\% |
| Lake Winnipegosis | 1,899 | 2,250 | 2,077 | 1,837 | 1,431 | 1,003 | 798 | 835 | 896 |
| \% Change | -- | 18.5\% | -7.7\% | -11.6\% | -22.1\% | -29.9\% | -20.4\% | 4.6\% | 7.3\% |
| Total | 17,682 | 21,296 | 24,778 | 25,391 | 24,823 | 19,679 | 18,197 | 18,120 | 19,935 |
| \% Change | -- | 20.4\% | 16.4\% | 2.5\% | -2.2\% | -20.7\% | -7.5\% | -0.4\% | 10.0\% |
| \% of Total Landed Value | 76.3\% | 78.4\% | 79.2\% | 80.5\% | 79.1\% | 76.3\% | 76.7\% | 79.8\% | 79.5\% |
| Total Landed Value** | 23,160 | 27,161 | 31,298 | 31,547 | 31,397 | 25,800 | 23,734 | 22,697 | 25,071 |

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

Figure 5.13
Number of Self-Employed Harvesters Trend by Season Manitoba, 1998-2006


Table 5.7
Number of Self-Employed Harvesters Trend by Season Fished Manitoba, 1998-2006

| Season | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer Only | 834 | 900 | 948 | 838 | 848 | 868 | $\mathbf{1 , 1 1 8}$ | $\mathbf{1 , 0 5 3}$ | 398 |
| \% Change | -- | $7.9 \%$ | $5.3 \%$ | $-11.6 \%$ | $1.2 \%$ | $2.4 \%$ | $28.8 \%$ | $-5.8 \%$ | $-62.2 \%$ |
| Winter Only | 601 | 536 | 582 | 593 | 567 | 548 | 402 | 410 | 1,034 |
| \% Change | -- | $-10.8 \%$ | $8.6 \%$ | $1.9 \%$ | $-4.4 \%$ | $-3.4 \%$ | $-26.6 \%$ | $2.0 \%$ | $152.2 \%$ |
| Both Seasons | 288 | 369 | 339 | 424 | 443 | 515 | 302 | 244 | 282 |
| \% Change | -- | $28.1 \%$ | $-8.1 \%$ | $25.1 \%$ | $4.5 \%$ | $16.3 \%$ | $-41.4 \%$ | $-19.2 \%$ | $15.6 \%$ |
| Total | $\mathbf{1 , 7 2 3}$ | $\mathbf{1 , 8 0 5}$ | $\mathbf{1 , 8 6 9}$ | $\mathbf{1 , 8 5 5}$ | $\mathbf{1 , 8 5 8}$ | $\mathbf{1 , 9 3 1}$ | $\mathbf{1 , 8 2 2}$ | $\mathbf{1 , 7 0 7}$ | $\mathbf{1 , 7 1 4}$ |
| \% Change | -- | $\mathbf{4 . 8} \%$ | $\mathbf{3 . 5} \%$ | $\mathbf{- 0 . 7 \%}$ | $\mathbf{0 . 2 \%}$ | $\mathbf{3 . 9 \%}$ | $\mathbf{- 5 . 6 \%}$ | $\mathbf{- 6 . 3 \%}$ | $\mathbf{0 . 4 \%}$ |

Figure 5.14
Number of Self-Employed Harvesters Trend by Landed Value Manitoba, 1998-2006


Table 5.8
Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value Manitoba, 1998-2006

| Landed Value | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Payment (\$) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 3,827 | 3,926 | 2,870 | 3,532 | 3,860 | 4,056 | 3,636 | 3,841 | 3,770 |
| \$10,001-\$20,000 | 14,058 | 14,598 | 7,428 | 14,753 | 14,761 | 14,018 | 13,828 | 13,747 | 13,592 |
| \$20,001-\$30,000 | 24,803 | 24,603 | 11,857 | 24,733 | 24,619 | 24,949 | 24,624 | 24,347 | 24,860 |
| \$30,001-\$40,000 | 33,818 | 34,399 | 11,906 | 34,298 | 34,533 | 35,268 | 34,963 | 34,722 | 35,480 |
| \$40,001+ | 57,876 | 60,519 | 27,151 | 59,344 | 60,206 | 54,601 | 53,888 | 47,974 | 53,237 |
| Average Weight ( $t$ ) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 3,059 | 3,043 | 3,684 | 2,523 | 2,687 | 2,985 | 2,755 | 2,817 | 2,534 |
| \$10,001-\$20,000 | 8,038 | 8,119 | 14,856 | 7,308 | 7,045 | 8,146 | 6,962 | 6,897 | 6,207 |
| \$20,001-\$30,000 | 11,261 | 11,661 | 25,283 | 10,791 | 11,984 | 11,727 | 10,909 | 11,258 | 10,884 |
| \$30,001-\$40,000 | 13,084 | 15,142 | 33,870 | 12,675 | 13,569 | 15,404 | 13,867 | 15,947 | 15,311 |
| \$40,001+ | 27,304 | 31,136 | 60,611 | 24,980 | 26,431 | 27,188 | 26,429 | 21,923 | 23,466 |
| No. of Self-Employed Harvesters |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 974 | 945 | 882 | 811 | 836 | 970 | 892 | 809 | 767 |
| \$10,001-\$20,000 | 366 | 380 | 448 | 468 | 486 | 521 | 520 | 475 | 479 |
| \$20,001-\$30,000 | 172 | 220 | 197 | 233 | 212 | 249 | 238 | 246 | 248 |
| \$30,001-\$40,000 | 91 | 124 | 161 | 173 | 145 | 107 | 96 | 119 | 123 |
| \$40,001+ | 120 | 136 | 181 | 170 | 179 | 84 | 76 | 57 | 97 |
| Total | 1,723 | 1,805 | 1,869 | 1,855 | 1,858 | 1,931 | 1,822 | 1,706 | 1,714 |
| \% Change | -- | 4.8\% | 3.5\% | -0.7\% | 0.2\% | 3.9\% | -5.6\% | -6.4\% | 0.5\% |

Figure 5.15
Number of Full-Time Equivalent Employment Trend by Landed Value Manitoba, 1998-2006


Table 5.9
Number of Full-Time Equivalent Employment Trend by Landed Value Manitoba, 1998-2006

| Landed Value | 1998-99 | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\$ 0-\$ 10,000$ | 132 | 126 | 109 | 93 | 98 | 126 | 106 | 93 | 83 |
| $\$ 10,001-\$ 20,000$ | 81 | 80 | 89 | 95 | 97 | 105 | 87 | 78 | 68 |
| $\$ 20,001-\$ 30,000$ | 43 | 55 | 49 | 54 | 53 | 57 | 50 | 45 | 44 |
| $\$ 30,001-\$ 40,000$ | 25 | 33 | 40 | 43 | 33 | 29 | 24 | 26 | 26 |
| $\$ 40,001+$ | 39 | 44 | 52 | 52 | 55 | 24 | 20 | 15 | 25 |
| Total | $\mathbf{3 1 9}$ | $\mathbf{3 3 9}$ | $\mathbf{3 4 0}$ | $\mathbf{3 3 8}$ | $\mathbf{3 3 7}$ | $\mathbf{3 4 1}$ | $\mathbf{2 8 8}$ | $\mathbf{2 5 7}$ | $\mathbf{2 4 7}$ |
| \% Change | -- | $\mathbf{6 . 2 \%}$ | $\mathbf{0 . 3} \%$ | $\mathbf{- 0 . 8 \%}$ | $\mathbf{- 0 . 2 \%}$ | $\mathbf{1 . 2 \%}$ | $\mathbf{- 1 5 . 5 \%}$ | $\mathbf{- 1 0 . 7 \%}$ | $\mathbf{- 3 . 9 \%}$ |

## Section 6:

## Northwest Territories

Figure 6.1
Landings by Species Northwest Territories 2006/07

Total: 565 Tonnes


Figure 6.2
Landed Value by Species
Northwest Territories 2006/07
Total: \$0.6 Million


Table 6.1
Landings, Landed and Market Values by Species
Northwest Territories, 2006/07

| Species | Landings <br> $\mathbf{( t )}$ | Landed Value <br> $(\$ 000)$ | Market Value <br> $(\mathbf{\$ 0 0 0})$ |
| :--- | :---: | :---: | :---: |
| Whitefish | 455 | 429 | 1,187 |
| Pickerel | 29 | 90 | 149 |
| Lake Trout | 37 | 19 | 54 |
| Northern Pike | 28 | 14 | 56 |
| Inconnu | 17 | 17 | 42 |
| Goldeye | $<1$ | 1 | 1 |
| Total | $\mathbf{5 6 5}$ | $\mathbf{5 7 0}$ | $\mathbf{1 , 4 8 9}$ |

Figure 6.6
Landings by Major Lakes Northwest Territories 2006/07 Total: 565 Tonnes


Figure 6.7
Landed Value by Major Lakes
Northwest Territories 2006/07
Total: \$0.6 Million


Table 6.2
Landings and Landed Value by Species and Major Lakes
Northwest Territories, 2006/07

| Species | Major Lakes |  |  |  | NWT |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Great Slave |  | Kakisa |  |  |  |
|  | $\underset{(t)}{\operatorname{Landings}}$ | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) | Landings <br> (t) | Landed Value (\$000) |
| Whitefish | 455 | 429 | 0 | 0 | 455 | 429 |
| Pickerel | 5 | 15 | 24 | 75 | 29 | 90 |
| Lake Trout | 37 | 19 | 0 | 0 | 37 | 19 |
| Northern Pike | 26 | 14 | 1 | 1 | 28 | 14 |
| Inconnu | 17 | 17 | 0 | 0 | 17 | 17 |
| Goldeye | <1 | 1 | 0 | 0 | <1 | 1 |
| Total | 455 | 495 | 26 | 75 | 565 | 570 |

Figure 6.5
Self-Employed Harvesters by Season
Northwest Territories, 2006/07
Total: 77 Harvesters


Table 6.3
Number of Self-Employed Harvesters by Season Fished Northwest Territories, 2006/07

| Season | Self-Employed |
| :--- | :---: |
| Summer Only | 5 |
| Winter Only | 61 |
| Both Seasons | 11 |
| Total | 77 |

Figure 6.6
Percentage Distribution of Self-Employed Harvesters by Landed Value* Northwest Territories, 2006/07


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, 2006/07


Figure 6.8
Number of Full-Time Equivalent Employment by Landed Value Northwest Territories, 2006/07


Table 6.4
Landings, Landed Value, Full-Time Equivalent Employment and Fishing Effort by Landed Value Northwest Territories, 2006/07

| Landed Value | No. of <br> Harvesters | Full-Time <br> Employment | ------- Averages Per Harvesters ---------- |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Deliveries | Weeks | Weights (lb.) | Payments (\$) |  |
| $\$ 0-\$ 10,000$ | 61 | 7 | 19 | 6 | 2,798 | 2,606 |
| $\$ 10,001-\$ 20,000$ | 9 | $<4$ | 44 | 12 | 16,577 | 16,119 |
| $\$ 20,001-\$ 30,000$ | $<4$ | $<4$ | 57 | 18 | 28,419 | 25,891 |
| $\$ 30,001-\$ 40,000$ | $<4$ | $<4$ | 45 | 12 | 38,530 | 36,353 |
| $\$ 40,001+$ | $<4$ | $<4$ | 48 | 11 | 38,005 | 48,072 |

[^6]Figure 6.9
Landings Trend by Major Species
Northwest Territories, 1998-2006


Figure 6.10
Landed Value Trend by Major Species
Northwest Territories, 1998-2006


Table 6.5
Landings and Landed Value Trend by Species
Northwest Territories, 1998-2006

| Species | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Whitefish | 856 | 888 | 924 | 941 | 787 | 814 | 722 | 731 | 455 |
| \% Change | -- | 3.7\% | 4.1\% | 1.8\% | -16.4\% | 3.4\% | -11.3\% | 1.2\% | -37.8\% |
| \% of Total Landings | 65.7\% | 71.3\% | 76.9\% | 81.0\% | 72.5\% | 74.7\% | 77.8\% | 80.8\% | 80.2\% |
| Pickerel | 49 | 38 | 32 | 36 | 46 | 31 | 33 | 26 | 29 |
| \% Change | -- | -22.4\% | -15.8\% | 12.5\% | 27.8\% | -32.6\% | 6.5\% | -21.2\% | 11.5\% |
| \% of Total Landings | 3.8\% | 3.0\% | 2.7\% | 3.1\% | 4.2\% | 2.8\% | 3.6\% | 2.9\% | 5.1\% |
| Lake Trout | 85 | 37 | 39 | 64 | 40 | 57 | 61 | 49 | 37 |
| \% Change | -- | -56.5\% | 5.4\% | 64.1\% | -37.5\% | 42.5\% | 7.0\% | -19.7\% | -24.5\% |
| \% of Total Landings | 6.5\% | 3.0\% | 3.2\% | 5.5\% | 3.7\% | 5.2\% | 6.6\% | 5.4\% | 6.5\% |
| Northern Pike | 135 | 133 | 98 | 71 | 92 | 70 | 63 | 58 | 28 |
| \% Change | -- | -1.5\% | -26.3\% | -27.6\% | 29.6\% | -23.9\% | -10.0\% | -7.9\% | -51.7\% |
| \% of Total Landings | 10.4\% | 10.7\% | 8.2\% | 6.1\% | 8.5\% | 6.4\% | 6.8\% | 6.4\% | 4.9\% |
| Inconnu | 27 | 40 | 29 | 43 | 77 | 49 | 47 | 39 | 17 |
| \% Change | -- | 48.1\% | -27.5\% | 48.3\% | 79.1\% | -36.4\% | -4.1\% | -17.0\% | -56.4\% |
| \% of Total Landings | 2.1\% | 3.2\% | 2.4\% | 3.7\% | 7.1\% | 4.5\% | 5.1\% | 4.3\% | 3.0\% |
| Goldeye | 150 | 110 | 79 | 7 | 44 | 69 | 2 | 2 | 1 |
| \% Change | -- | -26.7\% | -28.2\% | -91.1\% | 528.6\% | 56.8\% | -97.1\% | 0.0\% | -50.0\% |
| \% of Total Landings | 11.5\% | 8.8\% | 6.6\% | 0.6\% | 4.1\% | 6.3\% | 0.2\% | 0.2\% | 0.2\% |
| Total | 1,302 | 1,246 | 1,201 | 1,162 | 1,086 | 1,090 | 928 | 905 | 567 |
| \% Change | -- | -4.3\% | -3.6\% | -3.2\% | -6.5\% | 0.4\% | -14.9\% | -2.5\% | -37.3\% |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Whitefish | 963 | 1,127 | 1,379 | 1,209 | 925 | 953 | 634 | 642 | 429 |
| \% Change | -- | 17.0\% | 22.4\% | -12.3\% | -23.5\% | 3.0\% | -33.5\% | 1.3\% | -33.2\% |
| Pickerel | 236 | 170 | 134 | 159 | 210 | 110 | 116 | 81 | 90 |
| \% Change | -- | -28.0\% | -21.2\% | 18.7\% | 32.1\% | -47.6\% | 5.5\% | -30.2\% | 11.1\% |
| Lake Trout | 48 | 24 | 24 | 39 | 24 | 34 | 30 | 24 | 19 |
| \% Change | -- | -50.0\% | 0.0\% | 62.5\% | -38.5\% | 41.7\% | -11.8\% | -20.0\% | -20.8\% |
| Northern Pike | 101 | 97 | 73 | 49 | 56 | 38 | 32 | 28 | 14 |
| \% Change | -- | -4.0\% | -24.7\% | -32.9\% | 14.3\% | -32.1\% | -15.8\% | -12.5\% | -50.0\% |
| Inconnu | 34 | 56 | 44 | 61 | 101 | 54 | 50 | 41 | 17 |
| \% Change | -- | 64.7\% | -21.4\% | 38.6\% | 65.6\% | -46.5\% | -7.4\% | -18.0\% | -58.5\% |
| Goldeye | 66 | 51 | 22 | 1 | 9 | 13 | 2 | 1 | 1 |
| \% Change | -- | -22.7\% | -56.9\% | -95.5\% | 800.0\% | 44.4\% | -84.6\% | -50.0\% | 0.0\% |
| Total | 1,448 | 1,525 | 1,676 | 1,518 | 1,325 | 1,202 | 864 | 817 | 570 |
| \% Change | -- | 5.3\% | 9.9\% | -9.4\% | -12.7\% | -9.3\% | -28.1\% | -5.4\% | -30.2\% |

Figure 6.11
Landings Trend by Major Lakes
Northwest Territories, 1998-2006


Figure 6.12
Landed Value Trend by Major Lakes
Northwest Territories, 1998-2006


Table 6.6
Landings and Landed Value by Major Lakes
Northwest Territories, 1998-2006

| Major Lakes | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Landings (t) |  |  |  |  |  |  |  |  |  |
| Great Slave | 1,257 | 1,212 | 1,169 | 1,146 | 1,065 | 1,066 | 907 | 884 | 539 |
| \% Change | -- | -3.6\% | -3.5\% | -2.0\% | -7.1\% | 0.1\% | -14.9\% | -2.5\% | -39.0\% |
| Kakisa | 25 | 22 | 25 | 17 | 20 | 20 | 22 | 21 | 26 |
| \% Change | -- | -12.0\% | 13.6\% | -32.0\% | 17.6\% | 1.8\% | 8.1\% | -4.5\% | 23.8\% |
| Total | 1,282 | 1,234 | 1,194 | 1,163 | 1,085 | 1,086 | 929 | 905 | 565 |
| \% Change | -- | -3.7\% | -3.2\% | -2.6\% | -6.7\% | 0.1\% | -14.5\% | -2.6\% | -37.6\% |
| \% of Total Landings | 98.5\% | 99.1\% | 99.6\% | 100.0\% | 100.0\% | 99.6\% | 100.0\% | 100.0\% | 100.0\% |
| Total Landings* | 1,302 | 1,245 | 1,199 | 1,163 | 1,085 | 1,090 | 929 | 905 | 565 |
| Landed Value (\$000) |  |  |  |  |  |  |  |  |  |
| Great Slave | 1,270 | 1,422 | 1,576 | 1,453 | 1,239 | 1,121 | 788 | 755 | 495 |
| \% Change | -- | 12.0\% | 10.8\% | -7.8\% | -14.7\% | -9.5\% | -29.70\% | -4.2\% | -34.4\% |
| Kakisa | 82 | 63 | 83 | 65 | 85 | 71 | 75 | 62 | 75 |
| \% Change | -- | -23.2\% | 31.7\% | -21.7\% | 30.8\% | -16.6\% | 5.8\% | -17.3\% | 21.0\% |
| Total | 1,352 | 1,485 | 1,659 | 1,518 | 1,324 | 1,192 | 863 | 817 | 570 |
| \% Change | -- | 9.8\% | 11.7\% | -8.5\% | -12.8\% | -10.0\% | -27.6\% | -5.3\% | -30.2\% |
| \% of Total Landed Value | 93.4\% | 97.4\% | 99.0\% | 100.0\% | 100.0\% | 99.2\% | 100.0\% | 100.0\% | 100.0\% |
| Total Landed Value** | 1,447 | 1,525 | 1,675 | 1,518 | 1,324 | 1,202 | 863 | 817 | 570 |

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

Figure 6.13
Number of Self-Employed Harvesters Trend by Season
Northwest Territories, 1998-2006


Table 6.7
Number of Self-Employed Harvesters Trend by Season Fished
Northwest Territories, 1998-2006

| Season | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer Only | 25 | 47 | 40 | 44 | 49 | 62 | 62 | 65 | 5 |
| \% Change | -- | $88.0 \%$ | $-14.9 \%$ | $10.0 \%$ | $11.4 \%$ | $26.5 \%$ | $0.0 \%$ | $4.8 \%$ | $-92.3 \%$ |
| Winter Only | 18 | 33 | 43 | 48 | 39 | 33 | 15 | 6 | 61 |
| \% Change | -- | $83.3 \%$ | $30.3 \%$ | $11.6 \%$ | $-18.8 \%$ | $-15.4 \%$ | $-54.5 \%$ | $-60.0 \%$ | $916.7 \%$ |
| Both Seasons | 30 | 51 | 53 | 59 | 58 | 51 | 35 | 24 | 11 |
| \% Change | -- | $70.0 \%$ | $3.9 \%$ | $11.3 \%$ | $-1.7 \%$ | $-12.1 \%$ | $-31.4 \%$ | $-31.4 \%$ | $-54.2 \%$ |
| Total | $\mathbf{7 3}$ | $\mathbf{1 3 1}$ | $\mathbf{1 3 6}$ | $\mathbf{1 5 1}$ | $\mathbf{1 4 6}$ | $\mathbf{1 4 6}$ | $\mathbf{1 1 2}$ | $\mathbf{9 5}$ | $\mathbf{7 7}$ |
| \% Change | -- | $\mathbf{7 9 . 5} \%$ | $\mathbf{3 . 8} \%$ | $\mathbf{1 1 . 0} \%$ | $\mathbf{- 3 . 3} \%$ | $\mathbf{0 . 0} \%$ | $\mathbf{- 2 3 . 3} \%$ | $\mathbf{- 1 5 . 2 \%}$ | $\mathbf{- 1 8 . 9 \%}$ |

Figure 6.14
Number of Self-Employed Harvesters Trend by Landed Value Northwest Territories, 1998-2006


Table 6.8
Average Payment, Weight and Total Number of Self-Employed Harvesters Trend by Landed Value Range
Northwest Territories, 1998-2006

| Landed Value | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Payment (\$) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 2,847 | 3,034 | 3,183 | 2,950 | 2,948 | 2,647 | 2,609 | 3,327 | 2,606 |
| \$10,001-\$20,000 | 13,960 | 13,934 | 14,131 | 15,201 | 14,397 | 13,772 | 13,149 | 15,264 | 16,119 |
| \$20,001-\$30,000 | 26,505 | 25,695 | 24,711 | 24,709 | 23,762 | 23,680 | 23,814 | 27,191 | 25,891 |
| \$30,001-\$40,000 | 35,308 | 34,416 | 35,492 | 35,413 | 32,891 | 36,581 | 34,953 | 34,873 | 36,353 |
| \$40,001+ | 89,477 | 64,755 | 64,412 | 75,194 | 59,277 | 56,612 | 50,398 | 46,501 | 48,072 |
| Average Weight (t) |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 2,641 | 2,339 | 2,059 | 2,124 | 2,364 | 2,237 | 2,828 | 3,760 | 2,798 |
| \$10,001-\$20,000 | 11,769 | 10,666 | 9,278 | 11,151 | 11,025 | 13,522 | 15,392 | 17,544 | 16,577 |
| \$20,001-\$30,000 | 19,640 | 22,184 | 17,411 | 19,770 | 19,620 | 21,620 | 26,382 | 31,493 | 28,419 |
| \$30,001-\$40,000 | 50,901 | 25,415 | 27,132 | 25,054 | 32,974 | 35,674 | 42,876 | 33,695 | 38,530 |
| \$40,001+ | 81,752 | 54,216 | 48,298 | 61,809 | 48,555 | 48,166 | 48,922 | 53,414 | 38,005 |
| No. of Self-Employed Harvesters |  |  |  |  |  |  |  |  |  |
| \$0-\$10,000 | 46 | 97 | 95 | 117 | 112 | 111 | 90 | 76 | 61 |
| \$10,001-\$20,000 | 8 | 11 | 17 | 14 | 17 | 13 | 8 | 10 | 9 |
| \$20,001-\$30,000 | 7 | 9 | 6 | 6 | 5 | 12 | 5 | <4 | <4 |
| \$30,001-\$40,000 | <4 | <4 | 6 | 6 | <4 | 6 | <4 | 5 | <4 |
| \$40,001+ | 11 | 12 | 12 | 8 | 9 | 4 | 5 | <4 | <4 |
| Total | 72 | 129 | 136 | 151 | 143 | 146 | 108 | 91 | 70 |
| \% Change | -- | 79.2\% | 5.4\% | 11.0\% | -5.3\% | 2.1\% | -26.0\% | -15.7\% | -23.1\% |

[^7]Figure 6.15
Number of Full-Time Equivalent Employment Trend by Landed Value Northwest Territories, 1998-2006


Table 6.9
Number of Full-Time Equivalent Employment Trend by Landed Value
Northwest Territories, 1998-2006

| Landed Value | $\mathbf{1 9 9 8 - 9 9}$ | $\mathbf{1 9 9 9 - 0 0}$ | $\mathbf{2 0 0 0 - 0 1}$ | $\mathbf{2 0 0 1 - 0 2}$ | $\mathbf{2 0 0 2 - 0 3}$ | $\mathbf{2 0 0 3 - 0 4}$ | $\mathbf{2 0 0 4 - 0 5}$ | $\mathbf{2 0 0 5 - 0 6}$ | $\mathbf{2 0 0 6 - 0 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\$ 0-\$ 10,000$ | 6 | 17 | 15 | 19 | 17 | 16 | $\mathbf{1 4}$ | $\mathbf{1 2}$ | 7 |
| $\$ 10,001-\$ 20,000$ | $<4$ | 4 | 8 | 5 | 6 | 5 | $<4$ | $<4$ | $<4$ |
| $\$ 20,001-\$ 30,000$ | $<4$ | 4 | $<4$ | $<4$ | $<4$ | 5 | $<4$ | $<4$ | $<4$ |
| $\$ 30,001-\$ 40,000$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ |
| $\$ 40,001+$ | 6 | 6 | 6 | 4 | $<4$ | $<4$ | $<4$ | $<4$ | $<4$ |
| Total | $\mathbf{1 2}$ | $\mathbf{3 1}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 3}$ | $\mathbf{2 6}$ | $\mathbf{1 4}$ | $\mathbf{1 2}$ | $\mathbf{7}$ |
| \% Change | -- | $\mathbf{1 5 2 . 9} \%$ | $\mathbf{- 8 . 6} \%$ | $\mathbf{- 2 . 3} \%$ | $\mathbf{- 1 9 . 6 \%}$ | $\mathbf{1 4 . 0 \%}$ | $\mathbf{- 4 4 . 1 \%}$ | $\mathbf{- 1 6 . 2 \%}$ | $\mathbf{- 4 5 . 4 \%}$ |

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 |


[^0]:    Note: * Includes burbot, goldeye, carp, drum, inconnu, perch, tullibee, white bass, and whitefish roe.

[^1]:    Note: Total does not include the number for less than 4.

[^2]:    Note: *Total does not include the number for less than 4.

[^3]:    Note: * Total does not include the number for less than 4.

[^4]:    Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to harvesters upon delivery.

[^5]:    Note: * Includes carp, goldeye, white bass, whitefish roe, lake trout, and tullibee.

[^6]:    Note: (i) Weeks refer to a week in which fishing activities occurred; (ii) Payments refer to value paid to harvesters upon delivery.

[^7]:    Note: Total does not include the number for less than 4.

