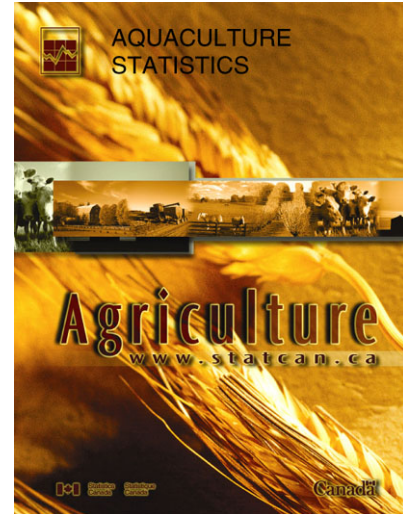




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# Aquaculture Statistics

2003



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Statistics Canada  
Agriculture Division

# Aquaculture Statistics

2003

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## Note of appreciation

*Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.*

## SYMBOLS

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0<sup>S</sup> value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- P preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the Statistics Act
- E use with caution
- F too unreliable to be published

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## **Aquaculture Highlights 2003**

Revenues from Canada's aquaculture industry declined last year in the wake of lower production and tumbling exports of farmed salmon.

The industry reported operating revenues of \$731.5 million in 2003, down 3.0% from the \$754.4 million peak in 2002.

Sales of finfish fell 3.3% to \$643.6 million, driven by declining revenue from salmon, which dominates the industry. The decline occurred as production fell 12.9% and exports declined.

Three other factors also had an impact on total revenue: low prices for farmed salmon, a strengthening Canadian dollar and outbreaks of disease. Although salmon prices improved modestly in 2003, they have been weak since 2000, partially because rising international competition resulted in an increased supply to the United States.

The value of aquaculture exports plunged 23.5% to \$490.8 million last year, as shipments of Atlantic salmon fell. The United States is Canada's most important customer when it comes to salmon, representing 95.0% of the international market.

Not surprisingly, the country's two largest aquaculture producing provinces generated lower sales of finfish in 2003. Finfish sales in British Columbia were down 3.3% to \$317.7 million, while sales in New Brunswick struggled to reach \$263.0 million, which was a 4.4% decline.

Lower production and exports, weak prices and outbreaks of disease adversely affected both provinces.

Meanwhile, revenue from molluscs rose 7.4% to \$66.9 million. Prince Edward Island more than recovered from declines experienced in 2002, as mollusc sales rose 13.2% to \$30.0 million, accounting for 44.8% of the Canadian total.

Nationally, product expenses fell 4.9% to \$511.0 million last year. These consist of the cost of products and services purchased from other businesses, excluding capital and labour costs.

Purchases of fish and eggs along with transportation and storage costs dropped notably in 2003. However, feed costs, which account for 45.7% of all product expenses for finfish producers, declined marginally to \$233.3 million. Labour costs were also down.

The aquaculture industry produced a gross output, including sales, subsidies and inventory change of \$722.8 million in 2003, a \$34.0 million decline.

The gross value added by the industry to the economy, the difference between gross output and total product expenses, reached \$216.1 million, a modest 1.8% drop from 2002.

## **Concepts and methods**

### **Production and value of aquaculture**

Statistics Canada defines aquaculture as an industry comprising establishments primarily engaged in farm-raising finfish, shellfish or any other kind of aquatic animal. The aquaculture production and value data, produced by species and province, represent the quantity of production and the farm-gate value of that production.

The series begins in 1991. Until 1994, these data were collected and released by Fisheries and Oceans Canada. Statistics Canada first published the time series in 1996.

The administrative data are provided annually from each of the provincial ministries responsible for aquaculture. Producers must report their production and value as part of their provincial licensing agreements. The data are supplemented through consultation with industry specialists and with data provided by Fisheries and Oceans Canada.

Generally, finfish production is reported as gutted head-on and the value is based on a farm-gate price. Shellfish is reported as whole, again with a farm-gate value. Beginning in 1996, additional data for Quebec represents the sale of fish to outfitters offering lodging and services for hunting, fishing and trapping.

### **Exports of selected aquaculture products**

Canadian import and export statistics are derived by the International Trade Division of Statistics Canada from administrative records collected by Revenue Canada. The one exception to this process is Canadian exports to the United States and the imports from the United States into Canada. As of January 1, 1990, Canada and the United States have been using the other's import data to replace its own export data. Export data are presented by province of origin, which represents the province in which the product was grown or manufactured.

Exports for three categories of aquaculture products have been selected. All of these categories define the products as fresh, chilled or frozen and are based on the harmonized system of coding.

Mussels - code 3073110

Spring salmon - includes coho and spring (chinook) salmon, code 3021221

Atlantic salmon - codes 3021211, 3021212, 3032200

Atlantic salmon fillets – code 3041031

Small quantities of fish fillets may be included in other categories that include products from the commercial fishery, however, as the exports under these categories are relatively small, the quantity of aquaculture products in the categories must also be small.

### **Aquaculture value added**

#### **Concepts**

The aquaculture value added account is designed to measure the economic production (value added) of goods and services from aquaculture establishments. Economic production can be defined as any process that creates value or adds value to existing goods. Consistent with this definition, the Canadian System of National Accounts defines economic production as the production of goods or services, which are exchanged for money in the marketplace.

Starting in 1997, the account displays the inputs and outputs (mostly revenues and expenses except for the change in inventory values) on a calendar year basis. These data are displayed by province, except for the Prairie Provinces where aquaculture is a relatively small industry. Gross value added at factor cost

is residually derived by subtracting product inputs, or purchases from other businesses, from the gross output of the sector.

Aquaculture is the managed production of fish. In Canada, the industry is dominated by the production of finfish, primarily salmon off the coasts of British Columbia and New Brunswick. Production of shellfish is smaller with Prince Edward Island and British Columbia being the major producing provinces.

Under the North American Industrial Classification System (NAICS), this industry comprises establishments primarily engaged in farm-raising finfish, shellfish, or any other kind of aquatic animal. These establishments use some form of intervention in the rearing process to enhance production, such as keeping animals in captivity, regular stocking and feeding of animals, and protecting them from predators.

The aquaculture industry includes hatcheries and sales within the industry, for example, sales from a hatchery to a grow-out operation are included. The aquaculture industry does not include sport fishing or the wild fishery.

The estimates also include the costs and revenues derived from processing where it is an integral part of the establishment, but not the main activity or source of revenue.

## **Definitions**

### **A business entity and an establishment**

A business entity is an economic transactor having the responsibility and the authority to allocate resources in the production of goods and services.

A statistical establishment is one production entity or the smallest grouping of production entities which produces as homogeneous a set of goods and/or services as possible; which does not cross provincial boundaries; and for which records provide data on the value of output together with the cost of principal intermediate inputs used and cost and quantity of labour resources used to produce the output.

### **The population of interest**

The population of interest is all establishments classified to aquaculture under NAICS 112510 and operating for at least one day during the reference year.

### **Financial variables**

Operating revenues are generated from the sale of: whole fish (fresh or chilled); fish eggs or live fish for grow-out; live fish; whole fish dressed and frozen; fish fillets; fish that are dried, smoked or in brine; molluscs (oysters, mussels, clams, scallops;) and, seed or larvae for grow-out. Operating revenue may also include revenue from other sources such as real estate rental, consulting or government subsidies. Non-operating revenues include income from interest or dividends.

Salaries and benefits include wages, salaries and benefits such as vacation pay, commissions or bonuses paid to employees as defined by Revenue Canada and requiring a T4 Supplementary Form. This item includes the employer portion of employee benefits for items such as health care insurance plans, Canada Pension Plan contributions or Employment Insurance premiums.

The processing services are the costs incurred when another company provides services related to gutting, cleaning, slitting or shelling.

Other operating expenses include a long list of items such as: energy (electricity, gasoline, diesel, propane); water; transportation; rental and leasing; maintenance and repair; legal; accounting; consulting; veterinary; financial services; insurance; advertising; travel; property taxes; licenses; permits; office; management; and depreciation.

Non-operating expenses relate to interest expenses on loans or the interest component of a capital lease.



## **Methods**

These data are produced as part of Statistics Canada's Unified Enterprise Survey (UES) conducted in 1997 for the first time. The survey incorporates several annual business surveys into an integrated survey. It aims to ensure Statistics Canada receives consistent and integrated data from many types of surveys and sizes of businesses, with enough detail to produce accurate provincial statistics.

### **Target population**

The target population for this survey is: all establishments classified to aquaculture under NAICS 112510 that operated for at least one day during the reference year.

### **Frame and sample design**

Two sources of data are used to derive the estimates:

- a probability sample survey of aquaculture establishments with a gross business revenue greater than or equal to a cut-off that varied by province from \$30,000 to \$500,000.
- taxation data are used to estimate for businesses with a gross business revenue less than the cut-off.

The frame that is used for the selection of the probability sample is Statistics Canada's Business Register. This list frame is updated and verified prior to sample selection. For 2003, the frame included 634 establishments classified to aquaculture.

Before a sample is taken, the records are stratified by province. Within each province, to improve the efficiency of the sample design, strata are defined using the gross revenue variable on the Business Register.

The "must-take" stratum contains the enterprises (with all its associated establishments) with revenue greater than or equal to \$25,000,000. All of these establishments are sent a questionnaire.

The "take-none" stratum contains the establishments with gross business revenue less than the cut-off. Data for these businesses are obtained from taxation data.

For the establishments not selected in the "must-take" (greater than \$25,000,000) or "take none" (less than the cut-off), three strata are defined to improve the efficiency of the sample design. There is a "take-all" stratum (all establishments are sent a questionnaire) and there are two "take-some" strata (a sample of establishments are selected and sent a questionnaire).

The overall sample size for 2003 was 161 establishments.

### **Data collection**

In the spring, respondents selected in the questionnaire part of the sample were asked to report their fiscal year transactions. The fiscal year data are subsequently aligned to produce calendar year data using provincial level industry indicators.

The survey is conducted by mail along with Computer Assisted Telephone Interviews. These data are examined for inconsistencies and errors using automated edits coupled with an analytical review. Data for non-respondents and no-contacts are imputed, partially with the assistance of tax data.

### **Estimation design**

The sampling weights derived from the sample design are modified and improved if necessary, using post stratification. This is possible because, during the passage of time since the sample was selected, the Business Register is updated further with more complete information.

## **Analysis of the estimates**

The last step of the process is analytical. The financial picture for aquaculture is assessed within the context of other related production statistics available from provincial regulatory sources. Although the two sources measure different things, the provincial administrative data are valuable in the analysis to assist in the reduction of error and in confirming the accuracy of the estimates.

## **Data quality**

All surveys are subject to sampling and non-sampling errors. Statistics Canada uses a variety of methods to minimize all types of errors. Measures of sampling error along with other indicators of quality are provided.

The coefficients of variation (CV), a measure of sampling error, are computed. The quality of the estimates are classified as Excellent (CV is 0.01 to 4.99%); Very good (CV is 5.00% to 9.99%); Good (CV is 10.00% to 14.99%); Acceptable (CV is 15.00% to 24.99%); Use with caution (CV is 25.00% to 34.99%); and Unreliable (> 35.00%).

Using these ratings at the national level, the 2003 estimates are judged to be excellent, and at the provincial level, the estimates range from excellent to good. The estimates for New Brunswick and British Columbia, accounting for 84% of total operating revenue of aquaculture, are judged to be excellent.

Every effort is made to minimize the non-sampling error of omission, duplication, reporting and processing. When necessary, some records are imputed using information from tax files where possible.

For 2003, the response rates of the 161 sampled establishments receiving a questionnaire are: Completed: 70%; Refusal: 1%; Non-response (non-response by survey deadline, unable to locate): 21%; Out-of-scope (inactive, out of business, out-of-scope): 8%. These response rates are considered normal for a business survey. The out-of-scope rate reflects the quality of the Business Register at the time of sampling. Of the original sample, 19% required imputation to complete the estimates. Reasons for imputation include partial response, failure to respond before the survey deadline, refusals, and inability to contact the respondent.

Finally, the aquaculture estimates were compared to and found to be consistent with administrative data sources obtained from the provinces, reinforcing confidence in the quality of the aquaculture statistics. All of the data are reviewed for accuracy and consistency and provide a reliable portrait of the aquaculture industry.

**Table 1. Aquaculture: Production and Value, by Province and Canada, 1991**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	66	x	601	9,000	x	80	0	0	0	24,362	34,109 <sup>2</sup>
Trout	10	x	0	272	x	2,300	x	110	34	113	2,839 <sup>2</sup>
Steelhead	76	0	409	0	0	0	0	0	0	0	485 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	34 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>152</b>	<b>37</b>	<b>1,010</b>	<b>9,272</b>	<b>1,500</b>	<b>2,380</b>	<b>x</b>	<b>110</b>	<b>34</b>	<b>24,475</b>	<b>39,004</b>
Clams	0	473	0	0	0	0	0	0	0	169	642
Oysters	0	1,227	55	136	0	0	0	0	0	4,482	5,900
Mussels	320	3,404	177	55	x	0	0	0	0	0	3,956 <sup>2</sup>
Scallops	2	0	0	0	x	0	0	0	0	0	2 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>322</b>	<b>5,104</b>	<b>232</b>	<b>191</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,651</b>	<b>10,590</b>
<b>Total</b>	<b>474</b>	<b>5,141</b>	<b>1,242</b>	<b>9,463</b>	<b>1,590</b>	<b>2,380</b>	<b>x</b>	<b>110</b>	<b>34</b>	<b>29,126</b>	<b>49,594</b>
<b>Value</b>	'000 of dollars										
Salmon	260	x	3,965	80,000	x	400	0	0	0	110,913	195,538 <sup>2</sup>
Trout	30	x	0	1,700	x	10,500	x	240	187	538	13,195 <sup>2</sup>
Steelhead	250	0	2,130	0	0	0	0	0	0	0	2,380 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	266 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>540</b>	<b>309</b>	<b>6,095</b>	<b>81,700</b>	<b>9,640</b>	<b>10,900</b>	<b>x</b>	<b>240</b>	<b>187</b>	<b>111,451</b>	<b>221,328</b>
Clams	0	734	0	0	0	0	0	0	0	556	1,290
Oysters	0	1,930	107	450	0	0	0	0	0	3,465	5,952
Mussels	560	4,000	195	120	x	0	0	0	0	0	4,875 <sup>2</sup>
Scallops	8	0	0	0	x	0	0	0	0	0	8 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>568</b>	<b>6,664</b>	<b>302</b>	<b>570</b>	<b>106</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,021</b>	<b>12,231</b>
<b>Total</b>	<b>1,108</b>	<b>6,973</b>	<b>6,397</b>	<b>82,270</b>	<b>9,746</b>	<b>10,900</b>	<b>x</b>	<b>240</b>	<b>187</b>	<b>115,472</b>	<b>233,559</b>

1. Includes Char, Other Finfish and Total Manitoba Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

**Table 1. Aquaculture: Production and Value, by Province and Canada, 1992**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	75	x	416	10,000	x	20	0	0	0	19,814	30,325 <sup>2</sup>
Trout	3	x	0	375	x	2,800	x	160	96	77	3,511 <sup>2</sup>
Steelhead	88	0	328	0	0	0	0	0	0	0	416 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	89 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>166</b>	<b>42</b>	<b>744</b>	<b>10,375</b>	<b>1,425</b>	<b>2,820</b>	<b>x</b>	<b>160</b>	<b>96</b>	<b>19,891</b>	<b>35,808</b>
Clams	0	0	0	0	0	0	0	0	0	308	308
Oysters	0	1,178	67	114	0	0	0	0	0	4,484	5,843
Mussels	160	4,186	406	125	x	0	0	0	0	0	4,877 <sup>2</sup>
Scallops	2	0	0	0	x	0	0	0	0	6	8 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>162</b>	<b>5,364</b>	<b>473</b>	<b>239</b>	<b>87</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,798</b>	<b>11,123</b>
<b>Total</b>	<b>328</b>	<b>5,406</b>	<b>1,217</b>	<b>10,614</b>	<b>1,512</b>	<b>2,820</b>	<b>x</b>	<b>160</b>	<b>96</b>	<b>24,689</b>	<b>46,931</b>
<b>Value</b>	'000 of dollars										
Salmon	630	x	3,987	82,500	x	100	0	0	0	115,518	202,735 <sup>2</sup>
Trout	20	x	0	2,300	x	14,000	x	540	420	324	17,604 <sup>2</sup>
Steelhead	569	0	2,061	0	0	0	0	0	0	0	2,630 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	631 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>1,219</b>	<b>244</b>	<b>6,048</b>	<b>84,800</b>	<b>7,224</b>	<b>14,100</b>	<b>x</b>	<b>540</b>	<b>420</b>	<b>115,842</b>	<b>231,068</b>
Clams	0	0	0	0	0	0	0	0	0	1,003	1,003
Oysters	0	2,062	115	300	0	0	0	0	0	3,572	6,049
Mussels	137	4,959	470	130	x	0	0	0	0	0	5,696 <sup>2</sup>
Scallops	10	0	0	0	x	0	0	0	0	24	34 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>147</b>	<b>7,021</b>	<b>585</b>	<b>430</b>	<b>164</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,599</b>	<b>12,946</b>
<b>Total</b>	<b>1,366</b>	<b>7,265</b>	<b>6,633</b>	<b>85,230</b>	<b>7,388</b>	<b>14,100</b>	<b>x</b>	<b>540</b>	<b>420</b>	<b>120,441</b>	<b>244,014</b>

1. Includes Char, Other Finfish and Total Manitoba Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

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**Table 1. Aquaculture: Production and Value, by Province and Canada, 1993**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	100	x	850	10,145	x	20	0	0	0	25,555	36,670 <sup>2</sup>
Trout	0	x	0	380	x	3,000	x	160	127	51	3,718 <sup>2</sup>
Steelhead	118	0	285	0	0	0	0	0	0	0	403 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	99 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>218</b>	<b>35</b>	<b>1,135</b>	<b>10,525</b>	<b>1,424</b>	<b>3,020</b>	<b>x</b>	<b>160</b>	<b>127</b>	<b>25,606</b>	<b>42,349</b>
Clams	0	0	0	0	0	0	0	0	0	347	347
Oysters	0	1,078	80	120	0	0	0	0	0	4,758	6,036
Mussels	224	4,567	200	150	x	0	0	0	0	0	5,141 <sup>2</sup>
Scallops	3	0	0	0	x	0	0	0	0	17	20 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>227</b>	<b>5,645</b>	<b>280</b>	<b>270</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,122</b>	<b>11,578</b>
<b>Total</b>	<b>445</b>	<b>5,680</b>	<b>1,415</b>	<b>10,795</b>	<b>1,458</b>	<b>3,020</b>	<b>x</b>	<b>160</b>	<b>127</b>	<b>30,728</b>	<b>53,927</b>
<b>Value</b>	'000 of dollars										
Salmon	713	x	5,800	89,280	x	100	0	0	0	138,143	234,036 <sup>2</sup>
Trout	0	x	0	2,400	x	15,180	x	540	560	257	18,937 <sup>2</sup>
Steelhead	1,200	0	1,600	0	0	0	0	0	0	0	2,800 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	698 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>1,913</b>	<b>247</b>	<b>7,400</b>	<b>91,680</b>	<b>7,224</b>	<b>15,280</b>	<b>x</b>	<b>540</b>	<b>560</b>	<b>138,400</b>	<b>263,942</b>
Clams	0	0	0	0	0	0	0	0	0	1,162	1,162
Oysters	0	1,973	200	400	0	0	0	0	0	4,000	6,573
Mussels	173	5,024	330	200	x	0	0	0	0	0	5,727 <sup>2</sup>
Scallops	28	0	0	0	x	0	0	0	0	97	125 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>201</b>	<b>6,997</b>	<b>530</b>	<b>600</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,259</b>	<b>13,662</b>
<b>Total</b>	<b>2,114</b>	<b>7,244</b>	<b>7,930</b>	<b>92,280</b>	<b>7,299</b>	<b>15,280</b>	<b>x</b>	<b>540</b>	<b>560</b>	<b>143,659</b>	<b>277,604</b>

1. Includes Char, Other Finfish and Total Manitoba Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

**Table 1. Aquaculture: Production and Value, by Province and Canada, 1994**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	46	x	544	11,836	x	0	0	0	0	23,657	36,083 <sup>2</sup>
Trout	0	x	94	330	x	3,200	x	260	45	75	4,004 <sup>2</sup>
Steelhead	334	0	96	0	0	0	0	0	0	0	430 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	71 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>380</b>	<b>31</b>	<b>734</b>	<b>12,166</b>	<b>1,500</b>	<b>3,200</b>	<b>x</b>	<b>260</b>	<b>45</b>	<b>23,732</b>	<b>42,119</b>
Clams	0	0	7	0	0	0	0	0	0	542	549
Oysters	0	2,035	96	413	0	0	0	0	0	4,990	7,534
Mussels	400	5,950	439	78	x	0	0	0	0	0	6,867 <sup>2</sup>
Scallops	12	0	6	0	x	0	0	0	0	27	45 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>412</b>	<b>7,985</b>	<b>548</b>	<b>491</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,559</b>	<b>15,028</b>
<b>Total</b>	<b>792</b>	<b>8,016</b>	<b>1,282</b>	<b>12,657</b>	<b>1,533</b>	<b>3,200</b>	<b>x</b>	<b>260</b>	<b>45</b>	<b>29,291</b>	<b>57,147</b>
<b>Value</b>	'000 of dollars										
Salmon	502	x	3,835	91,000	x	0	0	0	0	153,815	249,152 <sup>2</sup>
Trout	0	x	519	3,638	x	16,192	x	1,160	275	376	22,160 <sup>2</sup>
Steelhead	1,635	0	374	0	0	0	0	0	0	0	2,009 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	548 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>2,137</b>	<b>213</b>	<b>4,728</b>	<b>94,638</b>	<b>9,000</b>	<b>16,192</b>	<b>x</b>	<b>1,160</b>	<b>275</b>	<b>154,191</b>	<b>283,082</b>
Clams	0	0	13	0	0	0	0	0	0	1,894	1,907
Oysters	0	3,265	268	982	0	0	0	0	0	4,566	9,081
Mussels	312	6,530	633	100	x	0	0	0	0	0	7,575 <sup>2</sup>
Scallops	61	0	48	0	x	0	0	0	0	155	264 <sup>2</sup>
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total Shellfish</b>	<b>373</b>	<b>9,795</b>	<b>962</b>	<b>1,082</b>	<b>83</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,615</b>	<b>18,910</b>
<b>Total</b>	<b>2,510</b>	<b>10,008</b>	<b>5,690</b>	<b>95,720</b>	<b>9,083</b>	<b>16,192</b>	<b>x</b>	<b>1,160</b>	<b>275</b>	<b>160,806</b>	<b>301,992</b>

1. Includes Char, Other Finfish and Total Manitoba Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

## Aquaculture Statistics

Table 1. Aquaculture: Production and Value, by Province and Canada, 1995

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	115	x	630	14,490	x	0	0	5	0	27,275	42,515 <sup>2</sup>
Trout	18	x	50	550	x	3,300	x	317	109	85	4,429 <sup>2</sup>
Steelhead	447	0	440	0	0	0	0	0	0	0	887 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	81 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>580</b>	<b>59</b>	<b>1,120</b>	<b>15,040</b>	<b>883</b>	<b>3,300</b>	<b>x</b>	<b>322</b>	<b>109</b>	<b>27,360</b>	<b>48,854</b>
Clams	0	0	0	0	0	0	0	0	0	885	885
Oysters	0	1,792	156	511	0	0	0	0	0	5,260	7,719
Mussels	411	7,469	502	240	x	0	0	0	0	4	8,626 <sup>2</sup>
Scallops	12	0	1	0	x	0	0	0	0	24	37 <sup>2</sup>
Other	3	0	29	0	0	0	0	0	0	0	32
<b>Total Shellfish</b>	<b>426</b>	<b>9,261</b>	<b>688</b>	<b>751</b>	<b>116</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,173</b>	<b>17,415</b>
<b>Total</b>	<b>1,006</b>	<b>9,320</b>	<b>1,808</b>	<b>15,791</b>	<b>999</b>	<b>3,300</b>	<b>x</b>	<b>322</b>	<b>109</b>	<b>33,533</b>	<b>66,269</b>
<b>Value</b>	'000 of dollars										
Salmon	759	x	4,135	111,573	x	0	0	20	0	170,365	286,852 <sup>2</sup>
Trout	134	x	279	6,000	x	13,250	x	1,400	660	435	22,158 <sup>2</sup>
Steelhead	2,190	0	1,868	0	0	0	0	0	0	0	4,058 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	501 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>3,083</b>	<b>532</b>	<b>6,282</b>	<b>117,573</b>	<b>3,652</b>	<b>13,250</b>	<b>x</b>	<b>1,420</b>	<b>660</b>	<b>170,800</b>	<b>317,753</b>
Clams	0	0	0	0	0	0	0	0	0	3,885	3,885
Oysters	0	3,070	217	1,060	0	0	0	0	0	5,355	9,702
Mussels	295	8,596	712	278	x	0	0	0	0	10	9,891 <sup>2</sup>
Scallops	67	0	15	0	x	0	0	0	0	156	238 <sup>2</sup>
Other	3	0	392	0	0	0	0	0	0	0	395
<b>Total Shellfish</b>	<b>365</b>	<b>11,666</b>	<b>1,336</b>	<b>1,338</b>	<b>93</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,406</b>	<b>24,204</b>
<b>Total</b>	<b>3,448</b>	<b>12,198</b>	<b>7,618</b>	<b>118,911</b>	<b>3,745</b>	<b>13,250</b>	<b>x</b>	<b>1,420</b>	<b>660</b>	<b>180,206</b>	<b>341,957</b>

1. Includes Char, Other Finfish and Total Manitoba Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

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**Table 1. Aquaculture: Production and Value, by Province and Canada, 1996**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	295	x	1,125	16,380	0	0	0	68	0	27,756	45,624 <sup>2</sup>
Trout	24	x	23	550	887	4,240	x	707	110	74	6,615 <sup>2</sup>
Steelhead	734	0	363	0	0	0	0	0	0	0	1,097 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	99 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>1,053</b>	<b>64</b>	<b>1,511</b>	<b>16,930</b>	<b>887</b>	<b>4,240</b>	<b>x</b>	<b>775</b>	<b>110</b>	<b>27,830</b>	<b>53,499</b>
Clams	0	0	0	0	0	0	0	0	0	979	979
Oysters	0	1,676	247	586	0	0	0	0	0	5,480	7,989
Mussels	377	8,817	491	147	66	0	0	0	0	0	9,898
Scallops	19	0	16	0	0	0	0	0	0	142	177
Other	1	0	19	0	10	0	0	0	0	0	30
<b>Total Shellfish</b>	<b>397</b>	<b>10,493</b>	<b>773</b>	<b>733</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,601</b>	<b>19,073</b>
<b>Total</b>	<b>1,450</b>	<b>10,557</b>	<b>2,284</b>	<b>17,663</b>	<b>963</b>	<b>4,240</b>	<b>x</b>	<b>775</b>	<b>110</b>	<b>34,431</b>	<b>72,572</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	615	..	..	..	..	..	615
<b>Total (incl. re-stocking)</b>	<b>1,450</b>	<b>10,557</b>	<b>2,284</b>	<b>17,663</b>	<b>1,578</b>	<b>4,240</b>	<b>x</b>	<b>775</b>	<b>110</b>	<b>34,431</b>	<b>73,187</b>
<b>Value</b>	'000 of dollars										
Salmon	1,665	x	6,736	122,522	0	0	0	300	0	155,931	287,154 <sup>2</sup>
Trout	154	x	147	6,000	4,257	19,600	x	3,120	660	391	34,329 <sup>2</sup>
Steelhead	3,210	0	1,454	0	0	0	0	0	0	0	4,664 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	768 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>5,029</b>	<b>806</b>	<b>8,337</b>	<b>128,522</b>	<b>4,257</b>	<b>19,600</b>	<b>x</b>	<b>3,420</b>	<b>660</b>	<b>156,322</b>	<b>327,721</b>
Clams	0	0	0	0	0	0	0	0	0	4,427	4,427
Oysters	0	2,945	913	1,193	0	0	0	0	0	5,659	10,710
Mussels	333	10,693	807	103	86	0	0	0	0	0	12,022
Scallops	104	0	53	0	0	0	0	0	0	858	1,015
Other	19	0	311	0	16	0	0	0	0	0	346
<b>Total Shellfish</b>	<b>456</b>	<b>13,638</b>	<b>2,084</b>	<b>1,296</b>	<b>102</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,944</b>	<b>28,520</b>
<b>Total</b>	<b>5,485</b>	<b>14,444</b>	<b>10,421</b>	<b>129,818</b>	<b>4,359</b>	<b>19,600</b>	<b>x</b>	<b>3,420</b>	<b>660</b>	<b>167,266</b>	<b>356,241</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	6,286	..	..	..	..	..	6,286
<b>Total (incl. re-stocking)</b>	<b>5,485</b>	<b>14,444</b>	<b>10,421</b>	<b>129,818</b>	<b>10,645</b>	<b>19,600</b>	<b>x</b>	<b>3,420</b>	<b>660</b>	<b>167,266</b>	<b>362,527</b>

1. Includes Char, Other Finfish and Total Manitoba Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.



**Table 1. Aquaculture: Production and Value, by Province and Canada, 1997**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	613	x	1,112	18,585	0	0	0	0	0	36,465	56,775 <sup>2</sup>
Trout	14	x	33	550	667	3,725	5	721	3	212	5,930 <sup>2</sup>
Steelhead	355	0	591	0	0	0	0	0	0	0	946 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	173 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>982</b>	<b>94</b>	<b>1,736</b>	<b>19,135</b>	<b>667</b>	<b>3,725</b>	<b>5</b>	<b>721</b>	<b>3</b>	<b>36,677</b>	<b>63,918</b>
Clams	0	0	0	0	0	0	0	0	0	649	649
Oysters	0	1,428	288	265	0	0	0	0	0	3,650	5,631
Mussels	752	9,974	577	137	121	0	0	0	0	9	11,570
Scallops	12	0	16	0	0	0	0	0	0	23	51
Other	4	0	14	0	6	0	0	0	0	0	24
<b>Total Shellfish</b>	<b>768</b>	<b>11,402</b>	<b>895</b>	<b>402</b>	<b>127</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,331</b>	<b>17,925</b>
<b>Total</b>	<b>1,750</b>	<b>11,496</b>	<b>2,631</b>	<b>19,537</b>	<b>794</b>	<b>3,725</b>	<b>5</b>	<b>721</b>	<b>3</b>	<b>41,008</b>	<b>81,843</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	644	..	..	..	..	..	644
<b>Total (incl. re-stocking)</b>	<b>1,750</b>	<b>11,496</b>	<b>2,631</b>	<b>19,537</b>	<b>1,438</b>	<b>3,725</b>	<b>5</b>	<b>721</b>	<b>3</b>	<b>41,008</b>	<b>82,487</b>
<b>Value</b>	'000 of dollars										
Salmon	2,714	x	6,356	139,016	0	0	0	0	0	175,944	324,030 <sup>2</sup>
Trout	93	x	164	6,000	3,282	15,900	23	3,175	12	822	29,471 <sup>2</sup>
Steelhead	1,475	0	2,683	0	0	0	0	0	0	0	4,158 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	1,145 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>4,282</b>	<b>851</b>	<b>9,203</b>	<b>145,016</b>	<b>3,282</b>	<b>15,900</b>	<b>23</b>	<b>3,175</b>	<b>12</b>	<b>176,766</b>	<b>359,655</b>
Clams	0	0	0	0	0	0	0	0	0	2,902	2,902
Oysters	0	3,181	1,030	567	0	0	0	0	0	3,917	8,695
Mussels	635	12,096	819	108	157	0	0	0	0	19	13,834
Scallops	54	0	55	0	0	0	0	0	0	173	282
Other	40	0	20	0	19	0	0	0	0	0	79
<b>Total Shellfish</b>	<b>729</b>	<b>15,277</b>	<b>1,924</b>	<b>675</b>	<b>176</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,011</b>	<b>25,792</b>
<b>Total</b>	<b>5,011</b>	<b>16,128</b>	<b>11,127</b>	<b>145,691</b>	<b>3,458</b>	<b>15,900</b>	<b>23</b>	<b>3,175</b>	<b>12</b>	<b>183,777</b>	<b>385,447</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	6,676	..	..	..	..	..	6,676
<b>Total (incl. re-stocking)</b>	<b>5,011</b>	<b>16,128</b>	<b>11,127</b>	<b>145,691</b>	<b>10,134</b>	<b>15,900</b>	<b>23</b>	<b>3,175</b>	<b>12</b>	<b>183,777</b>	<b>392,123</b>

1. Includes Char, Other Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

**Table 1. Aquaculture: Production and Value, by Province and Canada, 1998**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	401	x	1,785	14,232	0	0	0	0	0	42,200	58,618 <sup>2</sup>
Trout	48	x	0	550	895	3,580	14	875	x	60	6,022 <sup>2</sup>
Steelhead	1,316	0	1,038	0	0	0	0	0	0	0	2,354 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	461 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>1,765</b>	<b>99</b>	<b>2,823</b>	<b>14,782</b>	<b>895</b>	<b>3,580</b>	<b>14</b>	<b>875</b>	<b>x</b>	<b>42,260</b>	<b>67,554</b>
Clams	0	0	0	0	0	0	0	0	0	704	704
Oysters	0	1,974	377	286	0	0	0	0	0	5,500	8,137
Mussels	946	12,459	835	680	98	0	0	0	0	0	15,018
Scallops	9	0	21	0	0	0	0	0	0	40	70
Other	7	0	10	0	20	0	0	0	0	0	37
<b>Total Shellfish</b>	<b>962</b>	<b>14,433</b>	<b>1,243</b>	<b>966</b>	<b>118</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,244</b>	<b>23,966</b>
<b>Total</b>	<b>2,727</b>	<b>14,532</b>	<b>4,066</b>	<b>15,748</b>	<b>1,013</b>	<b>3,580</b>	<b>14</b>	<b>875</b>	<b>x</b>	<b>48,504</b>	<b>91,520</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	585	..	..	..	..	..	585
<b>Total (incl. re-stocking)</b>	<b>2,727</b>	<b>14,532</b>	<b>4,066</b>	<b>15,748</b>	<b>1,598</b>	<b>3,580</b>	<b>14</b>	<b>875</b>	<b>x</b>	<b>48,504</b>	<b>92,105</b>
<b>Value</b>	'000 of dollars										
Salmon	2,925	x	10,540	106,678	0	0	0	0	0	228,900	349,043 <sup>2</sup>
Trout	197	x	0	6,100	4,391	14,200	62	3,859	x	300	29,109 <sup>2</sup>
Steelhead	6,919	0	6,095	0	0	0	0	0	0	0	13,014 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	4,059 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>10,041</b>	<b>882</b>	<b>16,635</b>	<b>112,778</b>	<b>4,391</b>	<b>14,200</b>	<b>62</b>	<b>3,859</b>	<b>x</b>	<b>229,200</b>	<b>396,107</b>
Clams	0	0	0	0	0	0	0	0	0	3,619	3,619
Oysters	0	4,447	1,186	788	0	0	0	0	0	4,900	11,321
Mussels	815	15,110	1,458	1,455	127	0	0	0	0	0	18,965
Scallops	53	0	135	0	0	0	0	0	0	300	488
Other	32	0	23	0	47	0	0	0	0	0	102
<b>Total Shellfish</b>	<b>900</b>	<b>19,557</b>	<b>2,802</b>	<b>2,243</b>	<b>174</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,819</b>	<b>34,495</b>
<b>Total</b>	<b>10,941</b>	<b>20,439</b>	<b>19,437</b>	<b>115,021</b>	<b>4,565</b>	<b>14,200</b>	<b>62</b>	<b>3,859</b>	<b>x</b>	<b>238,019</b>	<b>430,602</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	6,265	..	..	..	..	..	6,265
<b>Total (incl. re-stocking)</b>	<b>10,941</b>	<b>20,439</b>	<b>19,437</b>	<b>115,021</b>	<b>10,830</b>	<b>14,200</b>	<b>62</b>	<b>3,859</b>	<b>x</b>	<b>238,019</b>	<b>436,867</b>

1. Includes Char, Other Finfish and Total Alberta Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

**Table 1. Aquaculture: Production and Value, by Province and Canada, 1999**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	399	x	791	22,000	0	0	0	0	0	49,700	72,890 <sup>2</sup>
Trout	10	x	0	550	1,185	3,850	4	875	x	100	6,574 <sup>2</sup>
Steelhead	2,078	0	3,924	0	0	0	0	0	0	0	6,002 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	624 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>2,487</b>	<b>82</b>	<b>4,715</b>	<b>22,550</b>	<b>1,185</b>	<b>3,850</b>	<b>4</b>	<b>875</b>	<b>x</b>	<b>49,800</b>	<b>86,172</b>
Clams	0	0	0	0	0	0	0	0	0	800	800
Oysters	0	2,423	776	286	0	0	0	0	0	5,300	8,785
Mussels	1,700	13,890	945	665	197	0	0	0	0	0	17,397
Scallops	0	0	25	0	0	0	0	0	0	30	55
Other	0	0	16	0	25	0	0	0	0	0	41
<b>Total Shellfish</b>	<b>1,700</b>	<b>16,313</b>	<b>1,762</b>	<b>951</b>	<b>222</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,130</b>	<b>27,078</b>
<b>Total</b>	<b>4,187</b>	<b>16,395</b>	<b>6,477</b>	<b>23,501</b>	<b>1,407</b>	<b>3,850</b>	<b>4</b>	<b>875</b>	<b>x</b>	<b>55,930</b>	<b>113,250</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	954	..	..	..	..	..	954
<b>Total (incl. re-stocking)</b>	<b>4,187</b>	<b>16,395</b>	<b>6,477</b>	<b>23,501</b>	<b>2,361</b>	<b>3,850</b>	<b>4</b>	<b>875</b>	<b>x</b>	<b>55,930</b>	<b>114,204</b>
<b>Value</b>	'000 of dollars										
Salmon	2,462	x	7,022	150,000	0	0	0	0	0	290,600	450,084 <sup>2</sup>
Trout	80	x	0	6,100	6,121	15,500	16	3,859	x	400	32,076 <sup>2</sup>
Steelhead	11,402	0	17,352	0	0	0	0	0	0	0	28,754 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	5,652 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>13,944</b>	<b>786</b>	<b>24,374</b>	<b>156,100</b>	<b>6,121</b>	<b>15,500</b>	<b>16</b>	<b>3,859</b>	<b>x</b>	<b>291,000</b>	<b>517,352</b>
Clams	0	0	0	0	0	0	0	0	0	4,200	4,200
Oysters	0	5,075	1,815	788	0	0	0	0	0	5,600	13,278
Mussels	3,800	16,845	1,485	798	257	0	0	0	0	0	23,185
Scallops	0	0	166	0	0	0	0	0	0	100	266
Other	0	0	43	0	26	0	0	0	0	0	69
<b>Total Shellfish</b>	<b>3,800</b>	<b>21,920</b>	<b>3,509</b>	<b>1,586</b>	<b>283</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,900</b>	<b>40,998</b>
<b>Total</b>	<b>17,744</b>	<b>22,706</b>	<b>27,883</b>	<b>157,686</b>	<b>6,404</b>	<b>15,500</b>	<b>16</b>	<b>3,859</b>	<b>x</b>	<b>300,900</b>	<b>558,350</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	9,491	..	..	..	..	..	9,491
<b>Total (incl. re-stocking)</b>	<b>17,744</b>	<b>22,706</b>	<b>27,883</b>	<b>157,686</b>	<b>15,895</b>	<b>15,500</b>	<b>16</b>	<b>3,859</b>	<b>x</b>	<b>300,900</b>	<b>567,841</b>

1. Includes Char, Other Finfish and Total Alberta Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

**Table 1. Aquaculture: Production and Value, by Province and Canada, 2000**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	670	x	3,425	29,100	0	0	0	0	0	49,000	82,195 <sup>2</sup>
Trout	0	x	0	550	982	4,000	7	875	x	100	6,514 <sup>2</sup>
Steelhead	842	0	4,681	0	0	0	0	0	0	0	5,523 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	695 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>1,512</b>	<b>76</b>	<b>8,106</b>	<b>29,650</b>	<b>982</b>	<b>4,000</b>	<b>7</b>	<b>875</b>	<b>x</b>	<b>49,100</b>	<b>95,003</b>
Clams	0	0	0	0	0	0	0	0	0	1,000	1,000
Oysters	0	2,731	773	620	0	0	0	0	0	5,500	9,624
Mussels	1,051	17,895	1,252	750	314	0	0	0	0	0	21,262
Scallops	0	0	19	0	0	0	0	0	0	50	69
Other	0	0	306	0	58	0	0	0	0	0	364
<b>Total Shellfish</b>	<b>1,051</b>	<b>20,626</b>	<b>2,350</b>	<b>1,370</b>	<b>372</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,550</b>	<b>32,319</b>
<b>Total</b>	<b>2,563</b>	<b>20,702</b>	<b>10,456</b>	<b>31,020</b>	<b>1,354</b>	<b>4,000</b>	<b>7</b>	<b>875</b>	<b>x</b>	<b>55,650</b>	<b>127,322</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	708	..	..	..	..	..	708
<b>Total (incl. re-stocking)</b>	<b>2,563</b>	<b>20,702</b>	<b>10,456</b>	<b>31,020</b>	<b>2,062</b>	<b>4,000</b>	<b>7</b>	<b>875</b>	<b>x</b>	<b>55,650</b>	<b>128,030</b>
<b>Value</b>	'000 of dollars										
Salmon	4,962	x	18,893	181,500	0	0	0	0	0	278,400	483,755 <sup>2</sup>
Trout	0	x	0	6,100	5,414	16,500	27	3,859	x	500	32,400 <sup>2</sup>
Steelhead	5,494	0	19,395	0	0	0	0	0	0	0	24,889 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	7,066 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>10,456</b>	<b>733</b>	<b>38,288</b>	<b>187,600</b>	<b>5,414</b>	<b>16,500</b>	<b>27</b>	<b>3,859</b>	<b>x</b>	<b>278,900</b>	<b>548,843</b>
Clams	0	0	0	0	0	0	0	0	0	6,600	6,600
Oysters	0	6,324	1,891	1,700	0	0	0	0	0	6,600	16,515
Mussels	2,700	21,703	1,442	825	408	0	0	0	0	0	27,078
Scallops	0	0	162	0	0	0	0	0	0	300	462
Other	0	0	1,693	0	90	0	0	0	0	0	1,783
<b>Total Shellfish</b>	<b>2,700</b>	<b>28,027</b>	<b>5,188</b>	<b>2,525</b>	<b>498</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,500</b>	<b>52,438</b>
<b>Total</b>	<b>13,156</b>	<b>28,760</b>	<b>43,476</b>	<b>190,125</b>	<b>5,912</b>	<b>16,500</b>	<b>27</b>	<b>3,859</b>	<b>x</b>	<b>292,400</b>	<b>601,281</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	7,600	..	..	..	..	..	7,600
<b>Total (incl. re-stocking)</b>	<b>13,156</b>	<b>28,760</b>	<b>43,476</b>	<b>190,125</b>	<b>13,512</b>	<b>16,500</b>	<b>27</b>	<b>3,859</b>	<b>x</b>	<b>292,400</b>	<b>608,881</b>

1. Includes Char, Other Finfish and Total Alberta Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

Table 1. Aquaculture: Production and Value, by Province and Canada, 2001

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	1,092	x	2,614	33,900	0	0	0	0	0	68,000	105,606 <sup>2</sup>
Trout	0	x	0	550	723	4,135	16	989	x	100	6,513 <sup>2</sup>
Steelhead	1,719	0	2,986	0	0	0	0	0	0	0	4,705 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	1,604 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>2,811</b>	<b>88</b>	<b>5,600</b>	<b>34,450</b>	<b>723</b>	<b>4,135</b>	<b>16</b>	<b>989</b>	<b>x</b>	<b>68,100</b>	<b>118,428</b>
Clams	0	0	0	0	0	0	0	0	0	1,400	1,400
Oysters	0	2,737	438	744	0	0	0	0	0	7,400	11,319
Mussels	1,452	17,513	1,619	439	492	0	0	0	0	0	21,515
Scallops	0	0	8	0	0	0	0	0	0	110	118
Other	0	0	402	0	147	0	0	0	0	0	549
<b>Total Shellfish</b>	<b>1,452</b>	<b>20,250</b>	<b>2,467</b>	<b>1,183</b>	<b>639</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,910</b>	<b>34,901</b>
<b>Total</b>	<b>4,263</b>	<b>20,338</b>	<b>8,067</b>	<b>35,633</b>	<b>1,362</b>	<b>4,135</b>	<b>16</b>	<b>989</b>	<b>x</b>	<b>77,010</b>	<b>153,329</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	740	..	..	..	..	..	740
<b>Total (incl. re-stocking)</b>	<b>4,263</b>	<b>20,338</b>	<b>8,067</b>	<b>35,633</b>	<b>2,102</b>	<b>4,135</b>	<b>16</b>	<b>989</b>	<b>x</b>	<b>77,010</b>	<b>154,069</b>
<b>Value</b>	'000 of dollars										
Salmon	5,200	x	14,361	180,010	0	0	0	0	0	270,900	470,471 <sup>2</sup>
Trout	0	x	0	6,100	3,931	16,100	62	4,971	x	500	31,664 <sup>2</sup>
Steelhead	9,752	0	9,777	0	0	0	0	0	0	0	19,529 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	17,819 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>14,952</b>	<b>811</b>	<b>24,138</b>	<b>186,110</b>	<b>3,931</b>	<b>16,100</b>	<b>62</b>	<b>4,971</b>	<b>x</b>	<b>271,400</b>	<b>539,483</b>
Clams	0	0	0	0	0	0	0	0	0	8,200	8,200
Oysters	0	6,273	1,327	772	0	0	0	0	0	8,400	16,772
Mussels	3,929	23,160	2,002	552	640	0	0	0	0	0	30,283
Scallops	0	0	88	0	0	0	0	0	0	500	588
Other	0	0	2,096	0	270	0	0	0	0	0	2,366
<b>Total Shellfish</b>	<b>3,929</b>	<b>29,433</b>	<b>5,513</b>	<b>1,324</b>	<b>910</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,100</b>	<b>58,209</b>
<b>Total</b>	<b>18,881</b>	<b>30,244</b>	<b>29,651</b>	<b>187,434</b>	<b>4,841</b>	<b>16,100</b>	<b>62</b>	<b>4,971</b>	<b>x</b>	<b>288,500</b>	<b>597,692</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	7,799	..	..	..	..	..	7,799
<b>Total (incl. re-stocking)</b>	<b>18,881</b>	<b>30,244</b>	<b>29,651</b>	<b>187,434</b>	<b>12,640</b>	<b>16,100</b>	<b>62</b>	<b>4,971</b>	<b>x</b>	<b>288,500</b>	<b>605,491</b>

1. Includes Char, Other Finfish and Total P.E.I. and Alberta Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

Table 1. Aquaculture: Production and Value, by Province and Canada, 2002

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	1,270	x	1,951	38,900	0	0	0	0	0	84,200	126,321 <sup>2</sup>
Trout	0	x	0	550	600	4,650	16	914	x	100	6,830 <sup>2</sup>
Steelhead	1,600	0	434	0	0	0	0	0	0	0	2,034 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	1,567 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>2,870</b>	<b>33</b>	<b>2,385</b>	<b>39,450</b>	<b>600</b>	<b>4,650</b>	<b>16</b>	<b>914</b>	<b>x</b>	<b>84,300</b>	<b>136,752</b>
Clams	0	0	0	0	0	0	0	0	0	1,500	1,500
Oysters	0	2,736	349	1,235	0	0	0	0	0	7,200	11,520
Mussels	1,700	16,785	1,073	637	377	0	0	0	0	0	20,572
Scallops	0	0	16	0	0	0	0	0	0	90	106
Other	0	0	374	0	204	0	0	0	0	0	578
<b>Total Shellfish</b>	<b>1,700</b>	<b>19,521</b>	<b>1,812</b>	<b>1,872</b>	<b>581</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,790</b>	<b>34,276</b>
<b>Total</b>	<b>4,570</b>	<b>19,554</b>	<b>4,197</b>	<b>41,322</b>	<b>1,181</b>	<b>4,650</b>	<b>16</b>	<b>914</b>	<b>x</b>	<b>93,090</b>	<b>171,028</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	768	..	..	..	..	..	768
<b>Total (incl. re-stocking)</b>	<b>4,570</b>	<b>19,554</b>	<b>4,197</b>	<b>41,322</b>	<b>1,949</b>	<b>4,650</b>	<b>16</b>	<b>914</b>	<b>x</b>	<b>93,090</b>	<b>171,796</b>
<b>Value</b>	'000 of dollars										
Salmon	6,132	x	12,504	194,500	0	0	0	0	0	288,900	502,036 <sup>2</sup>
Trout	0	x	0	6,100	3,250	17,900	63	4,607	x	700	32,620 <sup>2</sup>
Steelhead	8,800	0	1,368	0	0	0	0	0	0	0	10,168 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	18,650 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>14,932</b>	<b>892</b>	<b>13,872</b>	<b>200,600</b>	<b>3,250</b>	<b>17,900</b>	<b>63</b>	<b>4,607</b>	<b>x</b>	<b>289,600</b>	<b>563,474</b>
Clams	0	0	0	0	0	0	0	0	0	7,100	7,100
Oysters	0	5,727	1,076	1,173	0	0	0	0	0	7,200	15,176
Mussels	5,500	22,202	2,288	801	490	0	0	0	0	0	31,281
Scallops	0	0	152	0	0	0	0	0	0	500	652
Other	0	0	2,247	0	343	0	0	0	0	0	2,590
<b>Total Shellfish</b>	<b>5,500</b>	<b>27,929</b>	<b>5,763</b>	<b>1,974</b>	<b>833</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,800</b>	<b>56,799</b>
<b>Total</b>	<b>20,432</b>	<b>28,821</b>	<b>19,635</b>	<b>202,574</b>	<b>4,083</b>	<b>17,900</b>	<b>63</b>	<b>4,607</b>	<b>x</b>	<b>304,400</b>	<b>620,273</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	8,017	..	..	..	..	..	8,017
<b>Total (incl. re-stocking)</b>	<b>20,432</b>	<b>28,821</b>	<b>19,635</b>	<b>202,574</b>	<b>12,100</b>	<b>17,900</b>	<b>63</b>	<b>4,607</b>	<b>x</b>	<b>304,400</b>	<b>628,290</b>

1. Includes Char, Other Finfish and Total P.E.I. and Alberta Finfish.

2. Excludes Confidential Data.

3. Provincial Total excludes "Other".

4. To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

Table 1. Aquaculture: Production and Value, by Province and Canada, 2003

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Production</b>	tonnes										
Salmon	1,450	x	x	33,100	0	0	0	0	0	70,500	105,050 <sup>2</sup>
Trout	0	x	0	550	351	4,650	10	x	x	100	5,661 <sup>2</sup>
Steelhead	1,150	0	x	0	0	0	0	0	0	0	1,150 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	7,343 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>2,600</b>	<b>24</b>	<b>5,210</b>	<b>33,650</b>	<b>351</b>	<b>4,650</b>	<b>10</b>	<b>x</b>	<b>x</b>	<b>70,600</b>	<b>119,204</b>
Clams	0	0	0	0	0	0	0	0	0	1,500	1,500
Oysters	0	3,036	398	2,350	0	0	0	0	0	7,000	12,784
Mussels	1,300	16,826	1,439	453	492	0	0	0	0	0	20,510
Scallops	0	0	15	0	0	0	0	0	0	130	145
Other	0	0	451	0	131	0	0	0	0	0	582
<b>Total Shellfish</b>	<b>1,300</b>	<b>19,862</b>	<b>2,303</b>	<b>2,803</b>	<b>623</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,630</b>	<b>35,521</b>
<b>Total</b>	<b>3,900</b>	<b>19,886</b>	<b>7,513</b>	<b>36,453</b>	<b>974</b>	<b>4,650</b>	<b>10</b>	<b>x</b>	<b>x</b>	<b>79,230</b>	<b>154,725</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	909	..	..	..	..	..	909
<b>Total (incl. re-stocking)</b>	<b>3,900</b>	<b>19,886</b>	<b>7,513</b>	<b>36,453</b>	<b>1,883</b>	<b>4,650</b>	<b>10</b>	<b>x</b>	<b>x</b>	<b>79,230</b>	<b>155,634</b>
<b>Value</b>	'000 of dollars										
Salmon	6,670	x	x	179,000	0	0	0	0	0	248,500	434,170 <sup>2</sup>
Trout	0	x	0	6,100	1,940	17,900	39	x	x	500	26,479 <sup>2</sup>
Steelhead	6,324	0	x	0	0	0	0	0	0	0	6,324 <sup>2</sup>
Other <sup>1</sup>	x	x	x	x	x	x	x	x	x	x	45,378 <sup>1</sup>
<b>Total Finfish<sup>3</sup></b>	<b>12,994</b>	<b>852</b>	<b>26,874</b>	<b>185,100</b>	<b>1,940</b>	<b>17,900</b>	<b>39</b>	<b>x</b>	<b>x</b>	<b>249,000</b>	<b>512,351</b>
Clams	0	0	0	0	0	0	0	0	0	7,600	7,600
Oysters	0	7,431	839	2,500	0	0	0	0	0	7,600	18,370
Mussels	4,200	23,597	1,644	600	640	0	0	0	0	0	30,681
Scallops	0	0	135	0	0	0	0	0	0	700	835
Other	0	0	5,762	0	320	0	0	0	0	0	6,082
<b>Total Shellfish</b>	<b>4,200</b>	<b>31,028</b>	<b>8,380</b>	<b>3,100</b>	<b>960</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,900</b>	<b>63,568</b>
<b>Total</b>	<b>17,194</b>	<b>31,880</b>	<b>35,254</b>	<b>188,200</b>	<b>2,900</b>	<b>17,900</b>	<b>39</b>	<b>x</b>	<b>x</b>	<b>264,900</b>	<b>575,919</b>
<b>Re-stocking<sup>4</sup></b>	..	..	..	..	9,625	..	..	..	..	..	9,625
<b>Total (incl. re-stocking)</b>	<b>17,194</b>	<b>31,880</b>	<b>35,254</b>	<b>188,200</b>	<b>12,525</b>	<b>17,900</b>	<b>39</b>	<b>x</b>	<b>x</b>	<b>264,900</b>	<b>585,544</b>

<sup>1</sup> Includes Char, Other Finfish and Total P.E.I., Saskatchewan, and Alberta Finfish.

<sup>2</sup> Excludes Confidential Data.

<sup>3</sup> Provincial Total excludes "Other".

<sup>4</sup> To outfitters.

The production and value of Aquaculture include the amount and value produced on sites and exclude hatcheries or value added products. Shellfish also includes some wild production.

The data, collected from each of the provincial departments responsible for aquaculture, are considered accurate and reliable. The data will continue to be collected and released in the year following the reference year.

**Table 2. Aquaculture: Exports of Selected Canadian Aquaculture Products, by Country of Destination, 1992 and 1993**

<i>Destination:</i>	1992			1993		
	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon
	tonnes			tonnes		
United States	727	7,744	10,375	1,187	5,242	14,028
California	237	728	652	245	255	459
Maine	307	0	504	516	0	900
Massachusetts	38	374	3,431	98	11	3,133
New York	12	67	470	96	85	580
Washington	47	5,693	4,423	110	4,640	8,506
Other	86	882	895	122	251	450
France	8	0	0	<sup>2</sup>	0	0
Japan	0	280	1	0	224	10
Taiwan	0	1	0	0	0	0
Other	236	8	1	43	19	3
<b>Total</b>	<b>971</b>	<b>8,033</b>	<b>10,377</b>	<b>1,230</b>	<b>5,485</b>	<b>14,041</b>
	'000 of dollars			'000 of dollars		
United States	1,741	49,545	84,767	2,788	38,011	113,472
California	476	4,986	5,190	519	1,903	3,786
Maine	724	0	4,034	1,106	0	7,584
Massachusetts	161	2,308	27,303	289	93	25,725
New York	32	401	3,626	271	450	4,598
Washington	109	36,229	37,299	277	33,825	68,162
Other	239	5,621	7,315	326	1,740	3,617
France	24	0	0	1	0	0
Japan	0	2,505	10	0	2,082	94
Taiwan	0	3	0	0	0	0
Other	758	42	10	148	120	17
<b>Total</b>	<b>2,523</b>	<b>52,095</b>	<b>84,787</b>	<b>2,937</b>	<b>40,213</b>	<b>113,583</b>

1. Includes Coho and Spring (Chinook).

2. Less than 1 tonne.



**Table 2. Aquaculture: Exports of Selected Canadian Aquaculture Products, by Country of Destination, 1994 and 1995**

<i>Destination:</i>	1994			1995		
	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon
	tonnes			tonnes		
United States	1,640	4,225	18,566	2,619	6,363	21,898
California	132	117	1,590	150	110	1,435
Maine	791	0	905	1,155	0	734
Massachusetts	180	62	3,937	286	29	4,876
New York	192	174	1,387	133	5	2,081
Washington	4	3,650	10,163	8	6,155	12,118
Other	341	222	584	887	64	654
France	0	0	0	0	0	0
Japan	1	96	248	0	173	276
Taiwan	0	1	33	0	15	233
Other	36	19	9	3	9	248
<b>Total</b>	<b>1,677</b>	<b>4,341</b>	<b>18,856</b>	<b>2,622</b>	<b>6,560</b>	<b>22,655</b>
	'000 of dollars			'000 of dollars		
United States	4,271	33,509	157,406	7,063	53,396	182,883
California	425	896	12,831	485	799	11,326
Maine	1,714	0	7,571	2,836	0	6,491
Massachusetts	519	392	32,980	772	214	43,685
New York	580	1,037	11,198	372	16	16,974
Washington	10	29,559	88,120	30	51,903	98,434
Other	1,023	1,625	4,706	2,568	464	5,973
France	0	0	0	0	0	0
Japan	5	1,038	2,531	0	1,839	3,190
Taiwan	0	9	264	0	131	2,222
Other	130	58	48	5	85	2,255
<b>Total</b>	<b>4,406</b>	<b>34,614</b>	<b>160,249</b>	<b>7,068</b>	<b>55,451</b>	<b>190,550</b>

1. Includes Coho and Spring (Chinook).

**Table 2. Aquaculture: Exports of Selected Canadian Aquaculture Products, by Country of Destination, 1996 and 1997**

<i>Destination:</i>	1996			1997		
	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon
	tonnes			tonnes		
United States	3,440	6,922	23,261	4,897	4,703	33,365
California	119	374	844	232	546	3,300
Maine	1,458	0	1,360	1,905	9	1,752
Massachusetts	877	26	6,868	1,741	40	7,277
New York	179	22	2,407	316	44	2,629
Washington	17	6,413	10,561	28	3,927	15,944
Other	790	87	1,221	675	137	2,463
France	0	0	0	0	2	0
Japan	0	28	134	0	81	448
Taiwan	0	0	267	0	13	596
Other	0	2	262	<sup>2</sup>	0	96
<b>Total</b>	<b>3,440</b>	<b>6,952</b>	<b>23,924</b>	<b>4,897</b>	<b>4,799</b>	<b>34,505</b>
	'000 of dollars			'000 of dollars		
United States	8,757	54,262	186,914	12,450	38,323	271,158
California	321	2,521	5,929	624	3,418	21,510
Maine	3,297	0	10,998	4,046	69	14,428
Massachusetts	2,244	158	56,886	4,573	232	62,823
New York	508	135	19,791	891	278	20,497
Washington	46	50,827	83,298	82	33,395	133,365
Other	2,341	621	10,012	2,234	931	18,535
France	0	0	0	0	16	0
Japan	0	277	1,747	0	848	3,524
Taiwan	0	0	2,348	0	100	4,852
Other	0	16	2,804	2	0	1,166
<b>Total</b>	<b>8,757</b>	<b>54,555</b>	<b>193,813</b>	<b>12,452</b>	<b>39,287</b>	<b>280,700</b>

1. Includes Coho and Spring (Chinook).

2. Less than 1 tonne.

**Table 2. Aquaculture: Exports of Selected Canadian Aquaculture Products, by Country of Destination, 1998 and 1999**

Destination:	1998				1999			
	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon <sup>2</sup>	Atlantic Salmon Fillets <sup>3,4</sup>	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon <sup>2</sup>	Atlantic Salmon Fillets <sup>3,4</sup>
	tonnes				tonnes			
United States	5,566	5,122	37,141	3,887	6,018	3,647	38,981	5,485
California	361	1,536	2,501	..	313	1,678	7,959	..
Maine	2,082	1	1,114	..	2,669	0	1,237	..
Massachusetts	2,088	75	7,809	..	1,959	9	8,475	..
New York	394	119	2,568	..	519	15	2,659	..
Washington	28	3,114	20,312	..	26	1,610	15,715	..
Other	613	277	2,837	..	532	335	2,936	..
France	143	0	8	..	166	0	20	..
Japan	0	63	774	..	0	360	494	..
Taiwan	0	19	978	..	0	0	603	..
Other	0	3	146	..	8	0	12	..
<b>Total</b>	<b>5,709</b>	<b>5,207</b>	<b>39,047</b>	<b>3,887</b>	<b>6,192</b>	<b>4,007</b>	<b>40,110</b>	<b>5,485</b>
	'000 of dollars				'000 of dollars			
United States	14,305	39,318	296,654	45,307	14,889	27,213	330,281	68,363
California	986	10,630	19,339	..	912	12,272	74,564	..
Maine	4,464	6	8,623	..	5,415	0	9,310	..
Massachusetts	5,806	466	64,036	..	5,462	55	66,106	..
New York	1,100	776	19,972	..	1,390	143	19,410	..
Washington	83	25,578	163,351	..	83	12,264	138,904	..
Other	1,866	1,862	21,333	..	1,627	2,479	21,987	..
France	186	0	75	..	573	0	87	..
Japan	0	610	6,840	..	0	3,749	4,165	..
Taiwan	0	148	7,822	..	0	0	4,898	..
Other	0	22	1,170	..	35	0	121	..
<b>Total</b>	<b>14,491</b>	<b>40,098</b>	<b>312,561</b>	<b>45,307</b>	<b>15,497</b>	<b>30,962</b>	<b>339,552</b>	<b>68,363</b>

1. Includes Coho and Spring (Chinook).

2. Includes fresh, chilled and frozen.

3. For years 1998 - 2000 data originate from the United States Bureau of Commerce. Totals include data for United States only; data for other countries not available. For years 2001 onward data originate from International Trade Division, Statistics Canada.

4. For years 1998-2000 data on value for Atlantic Salmon fillets converted to Canadian dollars using the Bank of Canada exchange rate.

**Table 2. Aquaculture: Exports of Selected Canadian Aquaculture Products, by Country of Destination, 2000 and 2001**

Destination:	2000				2001			
	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon <sup>2</sup>	Atlantic Salmon Fillets <sup>3,4</sup>	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon <sup>2</sup>	Atlantic Salmon Fillets <sup>3</sup>
	tonnes				tonnes			
United States	7,760	2,978	40,535	7,851	8,445	3,242	48,734	13,352
California	310	1,164	8,645	..	250	1,320	12,123	1,624
Maine	3,068	0	796	..	3,387	0	803	458
Massachusetts	2,821	4	8,787	..	3,308	87	6,890	784
New York	586	14	3,319	..	652	79	4,529	397
Washington	9	1,283	14,510	..	10	1,311	14,406	6,173
Other	966	513	4,478	..	838	445	9,983	3,916
France	24	0	0	..	0	0	0	0
Japan	45	193	265	..	63	44	572	81
Taiwan	0	2	769	..	0	64	1,312	0
Other	0	0	150	..	8	0	139	0
<b>Total</b>	<b>7,829</b>	<b>3,173</b>	<b>41,719</b>	<b>7,851</b>	<b>8,516</b>	<b>3,350</b>	<b>50,757</b>	<b>13,433</b>
	'000 of dollars				'000 of dollars			
United States	19,341	23,249	327,399	94,944	22,017	19,571	387,282	153,325
California	899	9,135	81,782	..	802	8,077	109,443	14,506
Maine	6,429	0	6,033	..	7,640	0	6,778	8,592
Massachusetts	7,524	28	68,276	..	9,146	356	48,287	9,897
New York	1,628	128	26,524	..	1,823	504	34,469	5,530
Washington	35	9,808	110,544	..	36	7,568	108,563	69,448
Other	2,826	4,150	34,240	..	2,570	3,066	79,742	45,352
France	97	0	0	..	0	0	0	0
Japan	201	1,890	2,205	..	264	314	4,218	573
Taiwan	0	14	6,227	..	0	494	10,118	0
Other	0	0	1,109	..	20	0	1,044	0
<b>Total</b>	<b>19,639</b>	<b>25,153</b>	<b>336,940</b>	<b>94,944</b>	<b>22,301</b>	<b>20,379</b>	<b>402,662</b>	<b>153,898</b>

1. Includes Coho and Spring (Chinook).

2. Includes fresh, chilled and frozen.

3. For years 1998 - 2000 data originate from the United States Bureau of Commerce. Totals include data for United States only; data for other countries not available. For years 2001 onward data originate from International Trade Division, Statistics Canada.

4. For years 1998-2000 data on value for Atlantic Salmon fillets converted to Canadian dollars using the Bank of Canada exchange rate.

**Table 2. Aquaculture: Exports of Selected Canadian Aquaculture Products, by Country of Destination, 2002 and 2003**

Destination:	2002				2003			
	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon <sup>2</sup>	Atlantic Salmon Fillets <sup>3</sup>	Mussels	Other Salmon <sup>1</sup>	Atlantic Salmon <sup>2</sup>	Atlantic Salmon Fillets <sup>3</sup>
	tonnes				tonnes			
United States	7,826	4,209	56,397	14,639	8,335	4,062	40,636	12,520
California	139	1,322	13,312	1,850	250	1,307	11,968	1,307
Maine	3,422	0	3,384	1,559	3,703	0	2,366	1,634
Massachusetts	2,857	612	8,820	849	3,005	232	6,588	712
New York	628	171	7,090	458	647	468	3,810	368
Washington	14	1,459	15,977	6,246	28	1,200	11,153	3,808
Other	766	645	7,814	3,677	702	855	4,751	4,691
France	0	0	18	0	0	11	2	0
Japan	17	392	906	92	17	124	971	251
Taiwan	0	0	514	1	0	0	976	1
Other	5	22	521	0	26	4	641	33
<b>Total</b>	<b>7,848</b>	<b>4,623</b>	<b>58,356</b>	<b>14,732</b>	<b>8,378</b>	<b>4,201</b>	<b>43,226</b>	<b>12,805</b>
	'000 of dollars				'000 of dollars			
United States	21,926	22,316	420,284	160,545	21,591	23,757	295,799	131,418
California	530	7,714	111,672	15,770	695	7,871	100,444	10,340
Maine	8,132	0	24,712	20,518	8,365	0	12,264	19,295
Massachusetts	8,773	2,467	58,485	9,897	8,489	1,511	39,835	7,965
New York	2,006	1,058	51,765	6,374	1,848	2,698	26,076	4,428
Washington	52	7,222	116,278	65,196	77	6,883	81,608	41,186
Other	2,433	3,855	57,372	42,790	2,117	4,794	35,572	48,204
France	0	0	113	0	0	82	16	0
Japan	73	2,236	7,177	975	68	896	6,659	1,001
Taiwan	0	0	3,200	3	0	0	6,994	4
Other	24	82	2,700	0	122	37	2,227	176
<b>Total</b>	<b>22,023</b>	<b>24,634</b>	<b>433,474</b>	<b>161,523</b>	<b>21,781</b>	<b>24,772</b>	<b>311,695</b>	<b>132,599</b>

1. Includes Coho and Spring (Chinook)

2. Includes fresh, chilled and frozen.

3. For years 1998 - 2000 data originate from the United States Bureau of Commerce. Totals include data for United States only; data for other countries not available. For years 2001 onward data originate from International Trade Division, Statistics Canada.

**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 1997**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>6,300</b>	<b>16,400</b>	<b>11,200</b>	<b>162,000</b>	<b>8,700</b>	<b>17,900</b>	<b>224,800</b>	<b>447,300</b>
Whole fish dressed, fresh or chilled	x	..	7,800	110,000	2,900	x	170,000	291,100
Fish eggs & live fish for grow-out	x	..	1,000	17,000	x	x	16,000	36,100
Whole fish live (ex for grow-out)	..	..	x	x	3,100	..	x	10,800
Whole fish dressed & frozen	..	..	x	x	0	..	x	12,500
Fish fillets, fresh or frozen	x	..	0	x	x	..	17,500	35,800
Fish, dried, smoked or in brine	..	..	0	x	x	..	0	500
Total finfish	5,600	800	9,000	157,700	8,500	17,500	206,000	405,100
Total molluscs	700	15,400	2,000	3,000	x	x	10,000	31,250
Other goods & services NES <sup>3</sup>	0	200	200	1,300	x	x	8,800	10,950
Subsidies	500	0	500	100	x	x	1,200	2,700
Other operating revenue	200	100	100	1,900	x	x	4,000	11,400
<b>Total operating revenue</b>	<b>7,000</b>	<b>16,500</b>	<b>11,800</b>	<b>164,000</b>	<b>9,100</b>	<b>23,000</b>	<b>230,000</b>	<b>461,400</b>
Change in inventory value - goods	1,000	0	2,900	2,000	-1,000	0	45,000	49,900
<b>Gross output</b>	<b>8,000</b>	<b>16,500</b>	<b>14,700</b>	<b>166,000</b>	<b>8,100</b>	<b>23,000</b>	<b>275,000</b>	<b>511,300</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>4,650</b>	<b>5,000</b>	<b>9,110</b>	<b>109,700</b>	<b>5,090</b>	<b>14,880</b>	<b>178,500</b>	<b>326,930</b>
Feed	2,200	200	3,800	37,000	2,300	6,500	69,000	121,000
Therapeutants	300	0	200	1,500	50	80	3,000	5,130
Purchases, eggs/fish - grow-out	300	x	3,000	7,400	x	4,000	28,000	44,600
Purchases, fish - processing/resale	0	x	0	39,000	x	x	4,000	43,200
Insurance premiums	50	150	140	2,050	100	300	5,000	7,790
Energy (electricity, fuel, etc.)	200	250	300	1,900	400	700	3,000	6,750
Goods transportation & storage	300	0	150	4,000	100	200	12,000	16,750
Processing services	600	1,200	200	4,000	x	x	28,000	34,350
Rental & leasing expenses	50	200	70	120	50	200	2,300	2,990
Maintenance/repairs, buildings	150	650	100	200	100	400	2,000	3,600
Maintenance/repairs, machinery	150	300	300	2,000	200	350	4,000	7,300
Professional services	110	300	290	1,910	170	0	6,600	9,380
Other operating expenses NES <sup>3</sup>	240	850	560	8,620	370	1,850	11,600	24,090
Change in inventory value -raw materials	0	0	100	500	0	0	1,000	1,600
<b>Total of product inputs</b>	<b>4,650</b>	<b>5,000</b>	<b>9,010</b>	<b>109,200</b>	<b>5,090</b>	<b>14,880</b>	<b>177,500</b>	<b>325,330</b>
<b>C. Gross value added (factor cost)</b>	<b>3,350</b>	<b>11,500</b>	<b>5,690</b>	<b>56,800</b>	<b>3,010</b>	<b>8,120</b>	<b>97,500</b>	<b>185,970</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	2,300	6,500	4,000	23,200	1,700	4,000	30,000	71,700
Employer portion of employee benefits	200	650	300	1,800	200	300	3,000	6,450
Depreciation	600	1,500	800	5,500	600	1,000	9,500	19,500
Interest paid	500	350	500	4,200	350	1,000	5,000	11,900

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.

**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 1998**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>9,400</b>	<b>21,100</b>	<b>19,100</b>	<b>181,150</b>	<b>9,250</b>	<b>16,400</b>	<b>263,700</b>	<b>520,100</b>
Whole fish dressed, fresh or chilled	x	..	6,000	122,000	3,000	x	178,000	309,000
Fish eggs & live fish for grow-out	x	..	6,500	16,000	x	x	24,000	47,900
Whole fish live (ex for grow-out)	..	..	x	8,000	3,200	..	x	28,300
Whole fish dressed & frozen	..	..	x	x	0	..	x	8,000
Fish fillets, fresh or frozen	..	..	x	x	x	..	26,000	53,800
Fish, dried, smoked or in brine	..	..	x	0	x	..	0	500
Total finfish	8,500	900	16,000	174,000	9,000	16,000	248,500	472,900
Total molluscs	900	20,000	3,000	3,000	x	x	10,000	37,050
Other goods & services NES <sup>3</sup>	0	200	100	4,150	x	x	5,200	10,150
Subsidies	1,800	0	300	3,700	x	x	x	6,800
Other operating revenue	80	100	100	1,950	x	x	x	13,030
<b>Total operating revenue</b>	<b>11,280</b>	<b>21,200</b>	<b>19,500</b>	<b>186,800</b>	<b>9,500</b>	<b>21,550</b>	<b>270,100</b>	<b>539,930</b>
Change in inventory value - goods	750	600	4,500	3,000	200	700	15,000	24,750
<b>Gross output</b>	<b>12,030</b>	<b>21,800</b>	<b>24,000</b>	<b>189,800</b>	<b>9,700</b>	<b>22,250</b>	<b>285,100</b>	<b>564,680</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>8,650</b>	<b>6,000</b>	<b>14,620</b>	<b>118,250</b>	<b>5,630</b>	<b>14,150</b>	<b>174,140</b>	<b>341,440</b>
Feed	4,600	250	6,000	39,000	2,400	x	83,000	141,250
Therapeutants	400	0	400	1,300	50	100	3,700	5,950
Purchases, eggs/fish - grow-out	500	x	5,000	16,000	x	3,500	14,000	41,000
Purchases, fish - processing/resale	0	x	200	36,000	x	x	4,000	40,400
Insurance premiums	50	200	400	2,050	100	300	4,300	7,400
Energy (electricity, fuel, etc.)	300	300	500	1,500	500	800	3,200	7,100
Goods transportation & storage	400	0	250	4,100	100	200	12,000	17,050
Processing services	850	1,200	300	3,600	x	x	23,000	29,300
Rental & leasing expenses	300	250	200	500	50	200	2,200	3,700
Maintenance/repairs, buildings	200	700	100	1,000	150	400	1,600	4,150
Maintenance/repairs, machinery	100	350	350	2,200	250	400	4,500	8,150
Professional services	450	350	130	1,550	150	0	2,410	5,040
Other operating expenses NES <sup>3</sup>	500	1,400	790	9,450	630	1,950	16,230	30,950
Change in inventory value -raw materials	-100	0	100	1,500	100	200	1,000	2,800
<b>Total of product inputs</b>	<b>8,750</b>	<b>6,000</b>	<b>14,520</b>	<b>116,750</b>	<b>5,530</b>	<b>13,950</b>	<b>173,140</b>	<b>338,640</b>
<b>C. Gross value added (factor cost)</b>	<b>3,280</b>	<b>15,800</b>	<b>9,480</b>	<b>73,050</b>	<b>4,170</b>	<b>8,300</b>	<b>111,960</b>	<b>226,040</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	3,000	8,000	6,000	20,000	1,800	4,000	30,500	73,300
Employer portion of employee benefits	300	800	500	1,700	200	300	3,000	6,800
Depreciation	700	1,900	1,500	5,800	600	1,050	14,000	25,550
Interest paid	700	450	700	5,000	350	1,200	6,000	14,400

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.

**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 1999**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>12,800</b>	<b>23,300</b>	<b>29,400</b>	<b>228,360</b>	<b>11,170</b>	<b>17,000</b>	<b>299,400</b>	<b>621,430</b>
Whole fish dressed, fresh or chilled	..	..	8,000	150,000	800	..	219,700	378,500
Fish eggs & live fish for grow-out	..	..	200	22,000	3,000	..	20,000	45,200
Whole fish live (ex for grow-out)	..	..	0	x	4,100	..	x	14,100
Whole fish dressed & frozen	..	..	9,000	x	0	..	x	14,700
Fish fillets, fresh or frozen	..	..	8,200	37,000	2,200	..	42,000	89,400
Fish, dried, smoked or in brine	..	..	0	x	470	..	x	770
Total finfish	9,800	800	25,400	220,700	10,570	16,900	286,000	570,170
Total molluscs	3,000	22,300	3,500	4,000	200	0	11,750	44,750
Other goods & services NES <sup>3</sup>	0	200	500	3,660	400	100	1,650	6,510
Subsidies	600	0	300	200	70	x	x	2,020
Other operating revenue	115	100	100	7,420	130	x	x	27,865
<b>Total operating revenue</b>	<b>13,515</b>	<b>23,400</b>	<b>29,800</b>	<b>235,980</b>	<b>11,370</b>	<b>22,350</b>	<b>314,900</b>	<b>651,315</b>
Change in inventory value - goods	1,400	600	5,800	30,000	0	320	18,000	56,120
<b>Gross output</b>	<b>14,915</b>	<b>24,000</b>	<b>35,600</b>	<b>265,980</b>	<b>11,370</b>	<b>22,670</b>	<b>332,900</b>	<b>707,435</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>8,935</b>	<b>7,050</b>	<b>18,675</b>	<b>177,815</b>	<b>5,945</b>	<b>15,050</b>	<b>199,505</b>	<b>432,975</b>
Feed	5,000	300	8,200	60,000	2,500	6,000	95,000	177,000
Therapeutants	x	0	x	2,100	150	100	4,000	6,850
Purchases, eggs/fish - grow-out	550	1,050	4,500	22,000	710	4,500	16,000	49,310
Purchases, fish - processing/resale	0	0	200	59,000	150	0	9,200	68,550
Insurance premiums	150	200	725	2,500	150	300	4,100	8,125
Energy (electricity, fuel, etc.)	300	300	500	1,900	900	700	3,200	7,800
Goods transportation & storage	500	0	425	4,900	35	200	9,500	15,560
Processing services	800	1,400	x	5,000	x	300	22,150	29,760
Rental & leasing expenses	350	250	150	1,200	30	200	2,000	4,180
Maintenance/repairs, buildings	x	900	100	1,100	x	400	1,200	4,105
Maintenance/repairs, machinery	100	400	350	3,400	360	350	5,000	9,960
Professional services	360	350	1,000	2,080	275	0	3,480	7,545
Other operating expenses NES <sup>3</sup>	375	1,900	2,175	12,635	470	2,000	24,675	44,230
Change in inventory value -raw materials	0	0	700	800	-600	-30	600	1,470
<b>Total of product inputs</b>	<b>8,935</b>	<b>7,050</b>	<b>17,975</b>	<b>177,015</b>	<b>6,545</b>	<b>15,080</b>	<b>198,905</b>	<b>431,505</b>
<b>C. Gross value added (factor cost)</b>	<b>5,980</b>	<b>16,950</b>	<b>17,625</b>	<b>88,965</b>	<b>4,825</b>	<b>7,590</b>	<b>133,995</b>	<b>275,930</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	3,200	9,000	7,500	25,000	2,200	3,900	35,000	85,800
Employer portion of employee benefits	350	900	700	2,500	200	300	4,000	8,950
Depreciation	800	2,100	1,700	7,000	800	1,100	16,000	29,500
Interest paid	400	500	1,600	6,000	400	800	6,200	15,900

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.



**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 2000**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>12,200</b>	<b>29,000</b>	<b>43,500</b>	<b>281,900</b>	<b>12,000</b>	<b>17,600</b>	<b>305,300</b>	<b>701,500</b>
Whole fish dressed, fresh or chilled	..	..	15,000	187,000	900	..	217,000	419,900
Fish eggs & live fish for grow-out	..	..	1,000	25,000	3,300	..	19,500	48,800
Whole fish live (ex for grow-out)	..	..	0	11,500	4,100	..	0	15,600
Whole fish dressed & frozen	..	..	12,000	2,000	0	..	4,000	18,000
Fish fillets, fresh or frozen	..	..	9,000	46,700	2,300	..	50,000	108,000
Fish, dried, smoked or in brine	..	..	0	200	600	..	100	900
Total finfish	9,200	1,000	37,000	272,400	11,200	17,500	290,600	638,900
Total molluscs	3,000	27,800	5,500	5,500	400	0	13,000	55,200
Other goods & services NES <sup>3</sup>	0	200	1,000	4,000	400	100	1,700	7,400
Subsidies	600	0	400	400	x	x	500	2,170
Other operating revenue	200	100	100	7,600	x	x	15,000	28,200
<b>Total operating revenue</b>	<b>13,000</b>	<b>29,100</b>	<b>44,000</b>	<b>289,900</b>	<b>12,270</b>	<b>22,800</b>	<b>320,800</b>	<b>731,870</b>
Change in inventory value - goods	0	300	3,000	25,000	100	200	25,000	53,600
<b>Gross output</b>	<b>13,000</b>	<b>29,400</b>	<b>47,000</b>	<b>314,900</b>	<b>12,370</b>	<b>23,000</b>	<b>345,800</b>	<b>785,470</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>8,450</b>	<b>8,100</b>	<b>25,900</b>	<b>209,500</b>	<b>6,800</b>	<b>15,000</b>	<b>206,400</b>	<b>480,150</b>
Feed	4,400	350	12,000	72,000	2,700	5,900	96,000	193,350
Therapeutants	300	0	500	2,500	200	100	4,300	7,900
Purchases, eggs/fish - grow-out	500	1,300	6,000	28,000	800	4,500	17,000	58,100
Purchases, fish - processing/resale	x	0	x	65,000	x	0	9,500	75,000
Insurance premiums	150	250	1,000	2,500	200	300	4,300	8,700
Energy (electricity, fuel, etc.)	300	350	1,000	3,000	1,100	700	3,900	10,350
Goods transportation & storage	500	0	600	6,000	50	200	11,000	18,350
Processing services	x	1,650	x	6,000	x	300	23,000	31,950
Rental & leasing expenses	350	300	200	2,000	50	200	2,200	5,300
Maintenance/repairs, buildings	250	1,000	200	2,000	200	400	1,400	5,450
Maintenance/repairs, machinery	100	450	500	4,000	400	400	5,500	11,350
Professional services	400	400	1,000	2,500	300	0	3,500	8,100
Other operating expenses NES <sup>3</sup>	400	2,050	2,500	14,000	500	2,000	24,800	46,250
Change in inventory value -raw materials	0	0	500	1,000	200	100	0	1,800
<b>Total of product inputs</b>	<b>8,450</b>	<b>8,100</b>	<b>25,400</b>	<b>208,500</b>	<b>6,600</b>	<b>14,900</b>	<b>206,400</b>	<b>478,350</b>
<b>C. Gross value added (factor cost)</b>	<b>4,550</b>	<b>21,300</b>	<b>21,600</b>	<b>106,400</b>	<b>5,770</b>	<b>8,100</b>	<b>139,400</b>	<b>307,120</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	2,800	10,000	8,000	26,000	2,200	4,000	40,000	93,000
Employer portion of employee benefits	250	1,100	900	2,800	200	300	4,000	9,550
Depreciation	850	2,400	2,000	7,500	800	1,100	18,500	33,150
Interest paid	400	550	2,000	6,500	400	800	6,300	16,950

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.

**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 2001**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>14,200</b>	<b>29,400</b>	<b>26,900</b>	<b>277,100</b>	<b>12,230</b>	<b>17,800</b>	<b>312,400</b>	<b>690,030</b>
Whole fish dressed, fresh or chilled	..	..	6,200	184,000	1,200	..	192,000	383,400
Fish eggs & live fish for grow-out	..	..	1,500	24,000	3,300	..	15,100	43,900
Whole fish live (ex for grow-out)	..	..	400	11,500	4,130	..	0	16,030
Whole fish dressed & frozen	..	..	4,000	2,000	0	..	7,000	13,000
Fish fillets, fresh or frozen	..	..	6,200	48,000	2,200	..	78,500	134,900
Fish, dried, smoked or in brine	..	..	0	0	600	..	100	700
Total finfish	10,400	1,000	18,300	269,500	11,430	17,700	292,700	621,030
Total molluscs	3,800	28,200	7,000	3,500	500	0	18,000	61,000
Other goods & services NES <sup>3</sup>	0	200	1,600	4,100	300	100	1,700	8,000
Subsidies	500	0	300	400	x	x	500	1,970
Other operating revenue	300	100	200	5,000	x	x	14,000	24,800
<b>Total operating revenue</b>	<b>15,000</b>	<b>29,500</b>	<b>27,400</b>	<b>282,500</b>	<b>12,500</b>	<b>23,000</b>	<b>326,900</b>	<b>716,800</b>
Change in inventory value - goods	0	100	-1,000	15,000	0	300	20,000	34,400
<b>Gross output</b>	<b>15,000</b>	<b>29,600</b>	<b>26,400</b>	<b>297,500</b>	<b>12,500</b>	<b>23,300</b>	<b>346,900</b>	<b>751,200</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>9,450</b>	<b>8,250</b>	<b>16,050</b>	<b>210,700</b>	<b>6,950</b>	<b>14,300</b>	<b>232,400</b>	<b>498,100</b>
Feed	4,800	325	7,500	75,000	2,800	5,900	120,000	216,325
Therapeutants	350	0	300	2,400	200	100	4,300	7,650
Purchases, eggs/fish - grow-out	550	1,375	3,000	27,500	750	4,500	13,000	50,675
Purchases, fish - processing/resale	0	0	x	62,500	x	0	8,000	70,950
Insurance premiums	150	250	600	2,500	250	300	5,500	9,550
Energy (electricity, fuel, etc.)	400	400	600	3,300	1,100	700	4,400	10,900
Goods transportation & storage	550	0	500	8,000	50	200	11,000	20,300
Processing services	850	1,700	100	6,000	100	300	28,000	37,050
Rental & leasing expenses	400	300	x	2,000	x	200	2,800	6,000
Maintenance/repairs, buildings	300	1,025	150	1,000	200	300	1,200	4,175
Maintenance/repairs, machinery	200	425	550	5,000	400	300	6,500	13,375
Professional services	400	400	400	2,500	300	0	4,000	8,000
Other operating expenses NES <sup>3</sup>	500	2,050	1,900	13,000	500	1,500	23,700	43,150
Change in inventory value -raw materials	0	0	-100	0	100	100	2,000	2,100
<b>Total of product inputs</b>	<b>9,450</b>	<b>8,250</b>	<b>16,150</b>	<b>210,700</b>	<b>6,850</b>	<b>14,200</b>	<b>230,400</b>	<b>496,000</b>
<b>C. Gross value added (factor cost)</b>	<b>5,550</b>	<b>21,350</b>	<b>10,250</b>	<b>86,800</b>	<b>5,650</b>	<b>9,100</b>	<b>116,500</b>	<b>255,200</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	3,000	10,500	7,000	31,000	2,500	4,100	43,000	101,100
Employer portion of employee benefits	300	1,200	700	3,100	200	350	4,300	10,150
Depreciation	600	2,500	1,200	9,000	800	1,000	22,000	37,100
Interest paid	350	500	1,500	6,300	400	750	9,000	18,800

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.

**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 2002**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>15,700</b>	<b>27,700</b>	<b>24,300</b>	<b>282,300</b>	<b>14,800</b>	<b>19,700</b>	<b>349,600</b>	<b>734,100</b>
Whole fish dressed, fresh or chilled	..	..	3,450	180,000	1,150	..	215,100	399,700
Fish eggs & live fish for grow-out	..	..	3,000	25,500	4,150	..	16,500	49,150
Whole fish live (ex for grow-out)	..	..	800	12,000	6,000	..	0	18,800
Whole fish dressed & frozen	..	..	2,950	0	0	..	6,900	9,850
Fish fillets, fresh or frozen	..	..	5,800	57,500	2,100	..	90,000	155,400
Fish, dried, smoked or in brine	..	..	0	0	600	..	100	700
Total finfish	11,500	1,000	16,000	275,000	14,000	19,500	328,600	665,600
Total molluscs	4,200	26,500	7,300	3,800	500	0	20,000	62,300
Other goods & services NES <sup>3</sup>	0	200	1,000	3,500	300	200	1,000	6,200
Subsidies	300	0	100	300	x	x	350	1,350
Other operating revenue	350	100	100	4,000	x	x	8,000	18,900
<b>Total operating revenue</b>	<b>16,350</b>	<b>27,800</b>	<b>24,500</b>	<b>286,600</b>	<b>15,250</b>	<b>25,900</b>	<b>357,950</b>	<b>754,350</b>
Change in inventory value - goods	0	200	0	27,000	100	100	-25,000	2,400
<b>Gross output</b>	<b>16,350</b>	<b>28,000</b>	<b>24,500</b>	<b>313,600</b>	<b>15,350</b>	<b>26,000</b>	<b>332,950</b>	<b>756,750</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>9,645</b>	<b>8,370</b>	<b>14,050</b>	<b>220,900</b>	<b>7,560</b>	<b>14,120</b>	<b>262,800</b>	<b>537,445</b>
Feed	5,150	350	6,800	78,000	2,700	6,200	135,000	234,200
Therapeutants	350	0	350	3,100	150	100	4,500	8,550
Purchases, eggs/fish - grow-out	500	1,500	3,100	29,000	800	3,000	12,000	49,900
Purchases, fish - processing/resale	0	0	250	67,500	400	200	8,100	76,450
Insurance premiums	175	260	300	4,000	250	350	6,500	11,835
Energy (electricity, fuel, etc.)	450	500	750	3,300	1,200	800	5,300	12,300
Goods transportation & storage	450	500	300	7,000	150	400	18,000	26,800
Processing services	600	1,600	100	10,000	150	200	35,000	47,650
Rental & leasing expenses	425	280	200	2,100	200	210	2,600	6,015
Maintenance/repairs, buildings	250	1,100	200	1,600	250	310	1,300	5,010
Maintenance/repairs, machinery	275	500	250	4,800	300	350	8,500	14,975
Professional services	350	410	450	1,500	410	220	6,000	9,340
Other operating expenses NES <sup>3</sup>	670	1,370	1,000	9,000	600	1,780	20,000	34,420
Change in inventory value -raw materials	0	0	100	-100	0	100	600	700
<b>Total of product inputs</b>	<b>9,645</b>	<b>8,370</b>	<b>13,950</b>	<b>221,000</b>	<b>7,560</b>	<b>14,020</b>	<b>262,200</b>	<b>536,745</b>
<b>C. Gross value added (factor cost)</b>	<b>6,705</b>	<b>19,630</b>	<b>10,550</b>	<b>92,600</b>	<b>7,790</b>	<b>11,980</b>	<b>70,750</b>	<b>220,005</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	3,200	10,800	6,000	33,000	3,300	4,300	48,000	108,600
Employer portion of employee benefits	300	1,200	600	3,300	330	400	5,000	11,130
Depreciation	800	2,000	1,220	11,000	900	900	28,000	44,820
Interest paid	325	500	1,000	6,500	380	800	12,000	21,505

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.

**Table 3. Aquaculture: Value Added Account - Aquaculture Industry<sup>1</sup>, by Province and Canada, 2003**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Canada <sup>2</sup>
	'000 of dollars							
<b>A. Sources of output</b>								
<b>Sales of aqua products/services</b>	<b>14,900</b>	<b>31,150</b>	<b>29,000</b>	<b>269,200</b>	<b>13,300</b>	<b>19,235</b>	<b>338,190</b>	<b>714,975</b>
Whole fish dressed, fresh or chilled	..	..	5,313	170,000	1,100	..	175,000	351,413
Fish eggs & live fish for grow-out	..	..	x	x	4,000	..	10,000	32,750
Whole fish live (ex for grow-out)	..	..	x	28,000	5,900	..	x	35,500
Whole fish dressed & frozen	..	..	3,688	0	0	..	7,000	10,688
Fish fillets, fresh or frozen	..	..	6,250	x	x	..	125,000	182,250
Fish, dried, smoked or in brine	..	..	0	0	x	..	x	290
Total finfish	10,900	1,000	20,000	263,000	12,200	18,800	317,690	643,590
Total molluscs	4,000	30,000	8,000	4,200	700	0	20,000	66,900
Other goods & services NES <sup>3</sup>	0	150	1,000	2,000	400	435	500	4,485
Subsidies	100	0	x	250	400	x	100	1,105
Other operating revenue	550	180	x	3,800	600	x	4,510	15,415
<b>Total operating revenue</b>	<b>15,550</b>	<b>31,330</b>	<b>29,200</b>	<b>273,250</b>	<b>14,300</b>	<b>25,065</b>	<b>342,800</b>	<b>731,495</b>
Change in inventory value - goods	1,000	-300	-300	10,000	600	100	-19,800	-8,700
<b>Gross output</b>	<b>16,550</b>	<b>31,030</b>	<b>28,900</b>	<b>283,250</b>	<b>14,900</b>	<b>25,165</b>	<b>323,000</b>	<b>722,795</b>
<b>B. Product inputs</b>								
<b>Product expenses</b>	<b>10,255</b>	<b>7,666</b>	<b>14,180</b>	<b>199,350</b>	<b>7,125</b>	<b>14,595</b>	<b>257,800</b>	<b>510,971</b>
Feed	5,300	200	7,000	72,000	2,300	6,500	140,000	233,300
Therapeutants	370	x	300	2,000	x	x	5,000	7,890
Purchases, eggs/fish - grow-out	800	2,000	2,700	20,000	600	3,100	15,000	44,200
Purchases, fish - processing/resale	x	x	x	62,000	600	500	6,000	69,720
Insurance premiums	250	220	375	3,900	270	280	6,000	11,295
Energy (electricity, fuel, etc.)	520	500	775	3,000	1,000	750	4,500	11,045
Goods transportation & storage	550	500	450	4,800	75	375	16,000	22,750
Processing services	700	1,000	300	16,000	100	100	31,000	49,200
Rental & leasing expenses	400	270	x	1,500	x	230	2,000	4,775
Maintenance/repairs, buildings	300	800	250	1,000	300	210	800	3,660
Maintenance/repairs, machinery	x	580	300	4,700	500	x	6,500	12,890
Professional services	370	206	440	2,700	275	195	5,000	9,186
Other operating expenses NES <sup>3</sup>	475	1,380	590	5,750	830	2,035	20,000	31,060
Change in inventory value -raw materials	100	0	0	1,000	200	0	3,000	4,300
<b>Total of product inputs</b>	<b>10,155</b>	<b>7,666</b>	<b>14,180</b>	<b>198,350</b>	<b>6,925</b>	<b>14,595</b>	<b>254,800</b>	<b>506,671</b>
<b>C. Gross value added (factor cost)</b>	<b>6,395</b>	<b>23,364</b>	<b>14,720</b>	<b>84,900</b>	<b>7,975</b>	<b>10,570</b>	<b>68,200</b>	<b>216,124</b>
<b>D. Selected primary inputs</b>								
Salaries & wages	3,000	11,200	6,200	33,000	3,200	4,200	41,000	101,800
Employer portion of employee benefits	400	1,100	620	3,200	350	390	4,200	10,260
Depreciation	750	2,200	1,250	10,000	1,200	910	23,000	39,310
Interest paid	350	1,000	1,000	6,500	450	650	12,000	21,950

1. This account is experimental in nature and should be used with caution. Data and account structure are subject to revision.

2. Sum of estimated provinces, excludes Manitoba, Saskatchewan & Alberta.

3. NES = not elsewhere specified.