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# Whole Farm Database Reference Manual

2006



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Statistics Canada  
Agriculture Division  
Whole Farm Data Projects Section

# Whole Farm Database Reference Manual

2006

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## Note of appreciation

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## 1.0 Introduction

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### Meeting users' needs

The Whole Farm Database (WFDB) is the product of a joint venture by Agriculture and Agri-Food Canada and Statistics Canada. It was developed with the intention to meet the increasing demands of users of agricultural statistics for more disaggregated data at the farm level. There are various potential users, from public sector policy-makers, to industry analysts and private sector decision-makers. The WFDB provides the means for users to evaluate agricultural policies and programs as well as analyze the viability, stability, and competitiveness of various farm businesses.

### All the information in a single base

Integrating into one base the agricultural data, which are available from administrative and survey sources, is the essence of the WFDB. While committed to reducing response burden, eliminating duplication and maximizing the use of existing resources, the WFDB can offer users access to a wider than ever range of disaggregated physical and financial data at the farm level.

### A guide to the Whole Farm Database

This manual was designed to familiarize potential users of the WFDB with the structure and quality of its data, as well as with other WFDB products and services.

## 2.0 Whole Farm Database

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### 2.1 Background

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Since the mid-1920s, the Agriculture Division of Statistics Canada has been publishing data series depicting provincial levels and trends within the agriculture industry. Although timely and reliable, these series have not always satisfied the growing demand for more disaggregated farm level data.

In 1991, Agriculture and Agri-Food Canada obtained the funding to launch the Farm Level Data Project (FLDP) and provide the data necessary for monitoring the financial position of farm businesses; assessing the impact of changing policies, programs and economic conditions on farms; and administering and evaluating agricultural programs.

To meet this goal, Agriculture Division of Statistics Canada and Agriculture and Agri-Food Canada launched the Whole Farm Database (WFDB), an essential component of the FLDP. The ultimate objective of this base is to provide a set of physical and financial data at the farm level that is as complete as possible.<sup>1</sup> This is achieved by integrating data from various existing surveys and administrative sources to produce disaggregated statistics by farm type, revenue class and subprovincial geographic regions.

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1. For more information, please refer to "Report on User Consultations and Proposed Whole Farm Database Tabulations" Jan. 1992, Ménard, Chartrand and Culver, available from the Agriculture Division of Statistics Canada.

## 2.2 Database structure

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There are several major data sources currently offered in the WFDB which produce data annually, at the farm level: the Canadian Agricultural Income Stabilization and Taxation Data Program (CAIS/TDP), the National Farm Survey (NFS), the June Crops Survey (JCS), the July Livestock Survey (JLS), and the Farm Financial Survey (FFS). Although the WFDB can be used to produce estimates for selected domains regardless of the revenue level, **the base was primarily structured to provide data for farms with reported annual revenues of \$10,000 and more.** The following components have been targeted for each source for the stated reference years:

- **Canadian Agricultural Income Stabilization and Taxation Data Program <sup>2,3</sup> – 1987 to 2004**
  - detailed revenues and expenses
  - additions and disposals of assets <sup>4</sup>
  - operator off-farm income (unincorporated only) <sup>5</sup>
  - operator off-farm income (unincorporated and incorporated) <sup>6</sup>
  - farm family off-farm income <sup>7</sup>
- **National Farm Survey <sup>8,9</sup> – 1988 to 1992**
  - cropland acreages
  - livestock inventories
  - certain financial components <sup>10</sup>
- **June Crops Survey <sup>11</sup> – 1993 to 2004**
  - cropland acreages
- **July Livestock Survey <sup>11</sup> – 1993 to 2004**
  - livestock inventories
- **Farm Financial Survey <sup>12</sup> – 1987 to 2004 <sup>13</sup>**
  - capital investments and sales
  - assets and liabilities
  - long-term capital borrowed

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2. Since the 2003 reference year, the Canadian Agricultural Income Stabilization (CAIS) program is replacing the Net Income Stabilization Account (NISA).

3. The CAIS/TDP did not cover the Prairie provinces from 1987 to 1989, also data for 1988 and 1989 are not available for the BC Peace River Region.

4. The statistical series on additions and disposals of assets does not cover the unincorporated sector from 1996 to 1999. Series was discontinued after 1999 data.

5. Farm operators involved in a single farm operation.

6. Farm operators operating incorporated and unincorporated agricultural holdings. Data available since 1993.

7. Unincorporated sector only. Farm families involved in a single farm operation, 1989 to 2003 only.

8. Since the 1993 reference year, the NFS has been replaced by the June Crops Survey and the July Livestock Survey.

9. The NFS did not cover Newfoundland and Labrador for 1992.

10. Prairie provinces only. These data are not available for 1992.

11. The JCS did not cover Newfoundland and Labrador from 1993 to 1997. This province was excluded from the JLS in 1993 and 1994.

12. The FFS was originally collected by the Farm Credit Corporation under the name "Farm Survey". The dates are for reference years. The FFS was conducted on a biennial basis from 1987 to 1999 and is conducted on an annual basis since 2001.

13. There was an FFS in 1992 that covered only the Prairie provinces and British Columbia.

The sampling and methodology for each of these data sources are summarized in [Appendix C](#).

### 2.3 Selection criteria

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The WFDB can produce tables using, as selection criteria, any of the variables available from each data source. However, the production of cross-tabulations using the various data sources is limited to a group of descriptive variables, known as the “core” variables. Financial data from the Canadian Agricultural Income Stabilization and Taxation Data Program, for example, could not be tabulated by number of animals on a farm because this particular data source does not have any variables on livestock inventories.

The “core” variables are divided into three information groupings: regional information, farm activities, and farm operator. It is the “core” variables that enable the structured disaggregation of the WFDB. As these variables are common to most of the data sources, the database is capable of offering tabulations with the same selection criteria (e.g., revenues and expenses from CAIS/TDP, livestock inventories from JLS, and assets and liabilities from the FFS could all be produced for the same census division, farm type, and revenue class). **Although most of the core variables are available for each record, disaggregations will be somewhat limited by the data quality and the number of respondents for a given variable** (e.g., data cannot be disaggregated by a single postal code, however, the postal codes are included on the individual records, allowing a user to specify a group of codes to create a custom region).

The “core” variables are defined in [Appendix A](#).

### 2.4 Standard output formats

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The WFDB can provide estimates for every variable collected from all data sources. To maintain data quality and consistency, a specific series of agricultural variables were developed for each data source. These standard output formats were developed to provide thorough coverage of the agriculture sector on an annual basis (see [Table 2.1](#) on pages 10 to 15).

Most of the variables used from the National Farm, June Crops, July Livestock and Farm Financial Surveys data sources were drawn directly from the survey questionnaires. These variables are defined in the questionnaires (see [Appendix G](#)) and in the interviewer training manuals (available from [Agriculture Division](#)). In contrast, the CAIS/TDP variables used in the standard outputs are predominantly custom aggregates of farm taxfiler data (see [Appendix B](#) for descriptions).

## Table 2.1 Standard output formats

## Canadian Agricultural Income Stabilization and Taxation Data Program

R000 Estimated number of farms

Operating revenues		Operating expenses	
R400	All wheat	R230	Fertilizer and lime
R401	Oats	R235	Pesticides
R402	Barley	R240	Seed and plants
R405	Canola (Rapeseed)	R265	Containers, twine and baling wire
R406	Soybeans	R2102	Other crop expenses
R407	Corn	<b>R2105</b>	<b>Total crop expenses</b>
R423	Other and non-specified small grains		
R2002	Other and non-specified grains and oilseeds	R245	Cattle purchases
<b>R2005</b>	<b>Total grain and oilseed revenues</b>	R246	Swine purchases
		R247	Poultry and egg purchases
R410	Potatoes	R248	Sheep and lamb purchases
R421	Fruits	R249	Other livestock purchases
R411	Vegetables (non-greenhouse)	R250	Feed, supplements, straw and bedding
R412	Tobacco	R255	Veterinary fees, medicine and breeding fees
R2011	Greenhouse, nursery and floriculture products	R2107	Other livestock expenses
R435	Forage crops (including forage seed)	<b>R2110</b>	<b>Total livestock expenses</b>
R3009	Other crops		
<b>R2000</b>	<b>Total other crop revenues</b>		
		R270	Small tools
<b>R2020</b>	<b>Total crop revenues</b>	R2111	Net fuel expenses, machinery, truck, auto
		R2112	Repairs, licenses and insurance
R2016	Cattle	<b>R2120</b>	<b>Total machinery expenses</b>
R441	Swine		
R2017	Poultry and eggs	R2121	Salaries (including CPP, QPP, EI)
R443	Sheep and goats	R2122	Rent
R2018	Dairy products and subsidies	R275	Insurance
R2019	Other livestock and products	R285	Telephone (farm share)
<b>R2025</b>	<b>Total livestock and product revenues</b>	R2123	Net electricity (farm share)
		R295	Heating fuel (farm share)
R3011	Program payments and insurance proceeds	R300	Custom work and machine rental
R475	Custom work and machine rental	R2126	Net interest expenses
R2027	Rental income	R2127	Net property tax
R2021	Other forest products	R2128	Building and fence repairs
R2004	Cash advances (net)	R2129	Marketing expenses
R2029	Miscellaneous revenues	R2131	Miscellaneous farm expenses
<b>R2030</b>	<b>Total other revenues</b>	<b>R2135</b>	<b>Total general expenses</b>
<b>R2040</b>	<b>Total operating revenues</b>	<b>R2140</b>	<b>Total operating expenses</b>
		<b>R2500</b>	<b>Net operating income</b>
R458	Quota sale income		
R469	CCA recaptured	R310	Clearing and improving land
R2041	Inventory adjustments	R316	Tile drainage
R2042	Non-applicable income	R2141	Inventory adjustments
<b>R2045</b>	<b>Total income adjustments</b>	R330	Capital cost allowance
		R331	Allowance on eligible capital property
<b>R2050</b>	<b>Gross farm income for tax purposes</b>	R350	Non-applicable expenses
		R2142	Other expense adjustments
		<b>R2145</b>	<b>Total expense adjustments</b>
		<b>R2150</b>	<b>Total expenses for tax purposes</b>

## Table 2.1 Standard output formats – continued

## Canadian Agricultural Income Stabilization and Taxation Data Program - concluded

R000 Estimated number of farms

Additions and disposals of assets <sup>14</sup> – until the 1995 taxation year

Additions		Disposals	
S101	Class 1	S201	Class 1
S102	Class 2	S202	Class 2
S103	Class 3	S203	Class 3
S106	Class 6	S206	Class 6
S107	Class 7	S207	Class 7
S108	Class 8	S208	Class 8
S109	Class 9	S209	Class 9
S110	Class 10	S210	Class 10
S112	Class 12	S212	Class 12
S116	Class 16	S216	Class 16
S117	Class 17	S217	Class 17
S134	Class 34	S234	Class 34
S150	Quota	S250	Quota
S160	Other	S260	Other
<b>S199</b>	<b>Total</b>	<b>S299</b>	<b>Total</b>

R000 Estimated number of farms

Additions and disposals of assets <sup>15</sup> – 1996 to 1999 taxation year <sup>16</sup>

Additions		Disposals	
S140	Equipment	S240	Equipment
S141	Building	S241	Building
S142	Land	S242	Land
S150	Quota	S250	Quota
S160	Other	S260	Other
<b>S198</b>	<b>Total</b>	<b>S298</b>	<b>Total</b>

R000 Estimated number of individuals or farm families

Off-farm income <sup>17</sup>

T6010	Wages and salaries
T6020	Net business income
T6030	Net professional income
T6040	Net commission income
T6050	Net fishing income
T6060	Net off-farm self-employment income
T6070	Investment income
T6080	Pension income
T6090	Other off-farm income
T6092	RRSP
T6095	Total other off-farm income
<b>T6105</b>	<b>Total off-farm income (excluding T6091 taxable capital gains)</b>
T6091	Taxable capital gains
<b>T6100</b>	<b>Total off-farm income (including T6091 taxable capital gains)</b>

14. Net business portion.

15. Net business portion.

16. All sectors covered to 1995. From 1996 to 1999, data series only covers incorporated sector and communal farming organizations. Series discontinued after 1999 data.

17. The statistical series on off-farm income for farm operators operating incorporated or unincorporated agricultural holdings starts in 1993.

Table 2.1 Standard output formats – continued

## National Farm Survey

R000 Estimated number of farms

Crops: Land Use		Livestock Inventories	
C280	Total wheat	C403	Bulls 1 year and over
C208	Oats	C404	Dairy cows
C209	Barley	C405	Beef cows
C234	Canary seed	C406	Dairy heifers 1 year and over
C235	Fababeans	C407	Beef heifers 1 year and over
C213	Mixed grains	C402	Slaughter/feeder heifers 1 year and over
C282	Total rye	C408	Steers 1 year and over
C216	Corn for grain	C409	Calves under 1 year
C226	Buckwheat	<b>C410</b>	<b>Total cattle and calves</b>
C215	Canola (Rapeseed)		
C228	Soybeans	C605	Boars 6 months and over
C214	Flaxseed	C606	Sows for breeding and bred gilts
C224	Mustard seed	C607	Pigs < 45 lb (< 20 kg)
C230	Sunflower seed	C608	Pigs 45 – 130 lb (20 - 60 kg)
<b>C1010</b>	<b>Total grains and oilseeds</b>	C609	Pigs > 130 lb (> 60 kg)
		<b>C610</b>	<b>Total pigs</b>
C223	Dry peas		
C229	Beans (dry, white)	C302	Ewes 1 year and over
C231	Lentils	C303	Lambs under 1 year – breeding
C236	Beans (dry, coloured)	C304	Lambs under 1 year – slaughter
<b>C1020</b>	<b>Total dry field peas and beans</b>	C301	Rams 1 year and over
		C331	Wethers 1 year and over
C217	Corn for fodder	<b>C310</b>	<b>Total sheep and lambs</b>
C220	Tame hay		
C218	Potatoes	C323	Hens and pullets 20 weeks and over
C221	Fruits and vegetables	C325	Other poultry
C227	Tobacco	C335	Other livestock
C225	Other crops	<b>C1200</b>	<b>Total other livestock</b>
<b>C1030</b>	<b>Total other crop acreages</b>		
<b>C1050</b>	<b>Total crop acreages</b>		
C222	Seeded pasture		
C219	Summerfallow		
C241	Other land		
<b>C1100</b>	<b>Total area of farms</b>		

## Table 2.1 Standard output formats – continued

### June Crops Survey

R000 Estimated number of farms

#### Crops: Land use

C280	Total wheat	C217	Corn for fodder
C208	Oats	C220	Tame hay
C209	Barley	C218	Potatoes
C234	Canary seed	C227	Tobacco <sup>18</sup>
C235	Fababeans	C225	Other crops
C213	Mixed grains	<b>C1030</b>	<b>Total other crop acreages</b>
C282	Total rye		
C216	Corn for grain	<b>C1050</b>	<b>Total crop acreages</b>
C226	Buckwheat		
C215	Canola (Rapeseed)	C222	Seeded pasture
C228	Soybeans	C219	Summerfallow
C214	Flaxseed	C241	Other land
C224	Mustard seed		
C230	Sunflower seed	<b>C1100</b>	<b>Total area of farms</b>
<b>C1010</b>	<b>Total grains and oilseeds</b>		
C223	Dry peas		
C229	Beans (dry, white)		
C231	Lentils		
C236	Beans (dry, coloured)		
<b>C1020</b>	<b>Total dry field peas and beans</b>		

### July Livestock Survey

R000 Estimated number of farms

#### Livestock inventories

C403	Bulls 1 year and over	C302	Ewes and wethers 1 year and over
C404	Dairy cows	C303	Lambs under 1 year – breeding
C405	Beef cows	C304	Lambs under 1 year – slaughter
C406	Dairy heifers 1 year and over	C301	Rams 1 year and over
C407	Beef heifers 1 year and over	<b>C310</b>	<b>Total sheep and lambs</b>
C402	Slaughter/feeder heifers 1 year and over		
C408	Steers 1 year and over		
C409	Calves under 1 year	C335	Other livestock <sup>19</sup>
<b>C410</b>	<b>Total cattle and calves</b>		
C605	Boars 6 months and over	C1300	Poultry <sup>20</sup>
C606	Sows for breeding and bred gilts	C1301	Other fowl <sup>20</sup>
C607	Pigs < 45 lb (< 20 kg)	C1302	Mammals <sup>20</sup>
C608	Pigs 45 – 130 lb (20 – 60 kg)		
C609	Pigs > 130 lb (> 60 kg)		
<b>C610</b>	<b>Total pigs</b>		

18. Applicable after the 1993 reference year.

19. Applicable for the 1994 reference year.

20. Applicable after the 1994 reference year and before the 1998 reference year.

Table 2.1 Standard output formats – continued

## Farm Financial Survey

R000 Estimated number of farms

Assets		Liabilities	
<b>Current assets</b>		<b>Current liabilities</b>	
F309	Cash, bonds, savings, stocks, shares, RRSPs <sup>21</sup>	F4401	Federal government <sup>26</sup>
F658	Cash and short term investments <sup>22</sup>	F401	Farm Credit Canada <sup>27,29</sup>
F305	Accounts receivable	F436	Advance payments program <sup>27</sup>
F306	Inputs	F403	Provincial government
F307	Crops for sale <sup>21</sup>	F410	Banks, trusts, etc.
F661	Crops for sale (including greenhouse and nursery) <sup>22</sup>	F405	Caisses populaires and credit unions
F308	Market livestock	F407	Machinery and supply companies
F659	Other current assets <sup>22</sup>	F408	Private individuals
<b>F3001</b>	<b>Total current assets</b>	F409	Others <sup>27</sup>
		<b>F441</b>	<b>Total current liabilities</b>
<b>Long-term assets</b>		<b>Long-term liabilities</b>	
F301	Farm land and buildings owned	F4402	Federal government <sup>28</sup>
F302	Breeding and replacement livestock <sup>21</sup>	F481	Farm Credit Canada <sup>29,30</sup>
F662	Breeding, replacement and other livestock <sup>22</sup>	F483	Provincial government
F303	Machinery and equipment <sup>24</sup>	F480	Banks, trusts, etc.
F317	Machinery and equipment <sup>25</sup>	F485	Caisses populaires and credit unions
F304	Quota	F487	Machinery and supply companies
F656	NISA <sup>23,31</sup>	F488	Private individuals
F673	Long-term investments <sup>22</sup>	F489	Others <sup>29</sup>
F663	Other long-term investments <sup>22</sup>	<b>F4001</b>	<b>Total long-term liabilities</b>
<b>F3002</b>	<b>Total long-term assets</b>		
F391	Other assets <sup>21</sup>	<b>F4002</b>	<b>Total farm liabilities</b>
<b>F3003</b>	<b>Total farm assets</b>	F450	Non-farm liabilities <sup>21</sup>
F350	Non-farm assets <sup>21</sup>	<b>F4003</b>	<b>Total net worth</b>

21. Applicable before the 1997 reference year.

22. Applicable after the 1995 reference year.

23. Net Income Stabilization Account (NISA), applicable after the 1993 reference year.

24. Applicable before the 1999 reference year.

25. Applicable after the 1997 reference year.

26. Applicable before the 1999 reference year. Current "Federal government" liabilities included Farm Credit Canada (FCC), Advance Payments Program (APP) and other federal programs such as Canada Mortgage and Housing Corporation (CMHC) and Business Development Bank of Canada (BDC) programs.

27. Starting with reference year 1999, FCC and APP liabilities are shown as separate categories, and the other federal liabilities are included in the "Others" category.

28. Applicable before the 1999 reference year. Long-term "Federal government" liabilities included Farm Credit Canada and other federal programs such as Canada Mortgage and Housing Corporation and Business Development Bank of Canada programs.

29. Starting with reference year 1999, FCC liabilities are shown as a separate category, and the other federal liabilities are included in the "Others" category.

30. For reference years prior to 1999, FCC liabilities are provided twice in the Standard output format: in a separate category and in "Federal government" liabilities.

31. The new Canadian Agricultural Income Stabilization (CAIS) program is replacing the Net Income Stabilization Account (NISA). Rules to wind down NISA accounts require producers to withdraw all their funds by March 31, 2009.

## Table 2.1 Standard output formats – concluded

### Farm Financial Survey – concluded

R000 Estimated number of farms

#### Capital

##### Capital investments

F201	Farm real estate purchased
F202	Land improvements <sup>32</sup>
F203	House construction or major renovation
F212	Manure storage construction or major renovation <sup>33</sup>
F213	Pesticide, chemical or fuel storage construction or major renovation <sup>33</sup>
F204	Other building construction or major renovation <sup>33</sup>
F214	Environmental protection improvements <sup>32</sup>
F205	Breeding and replacement livestock
F206	Quota purchased
F264	Gross expenditures for machinery and equipment <sup>34</sup>
F261	Farm machinery and equipment <sup>35</sup>
F217	Other farm assets
<b>F2001</b>	<b>Total capital investments</b> <sup>36</sup>
<b>F250</b>	<b>Total non-farm investments</b> <sup>37</sup>

##### Capital sales

F233	Land and buildings
F237	Machinery and equipment traded in <sup>34</sup>
F234	Machinery and equipment sold outright
F235	Quota sold
F236	Breeding and replacement livestock
F238	Other farm assets <sup>38</sup>
<b>F2002</b>	<b>Total capital sales</b> <sup>39</sup>

##### Long-term capital borrowed

F5501	Federal government <sup>40</sup>
F581	Farm Credit Canada <sup>41,42</sup>
F583	Provincial government
F580	Banks, trusts, etc.
F585	Caisses populaires and credit unions
F587	Machinery and supply companies
F588	Private individuals
F589	Others <sup>41</sup>
<b>F5001</b>	<b>Total long-term capital borrowed</b>

32. Prior to reference year 2001, "Land improvements" included "Environmental protection improvements".

33. Prior to reference year 2001, "Other building construction or renovation" included "Manure storage construction or major renovation" and "Pesticide chemical or fuel storage construction or major renovation".

34. Applicable after the 1991 reference year.

35. Applicable before the 1992 reference year.

36. After the 1991 reference year, includes gross expenditures (before trade-in) on farm machinery and equipment. Before the 1992 reference year, includes net cost after trade-in.

37. Applicable before the 1997 reference year.

38. Applicable after the 1995 reference year.

39. After the 1991 reference year, includes machinery and equipment traded in.

40. Applicable before the 1999 reference year. Amount of capital borrowed from "Federal government" included Farm Credit Canada and other federal agencies such as Canada Mortgage and Housing Corporation and Business Development Bank of Canada.

41. Starting with reference year 1999, the amount of capital borrowed from FCC is shown as a separate category, and the borrowings from other federal agencies are included in the "Others" category.

42. For reference years prior to 1999, borrowings from FCC are provided twice in the Standard output format: in a separate category and in the "Federal government" category.

## 2.5 Data quality

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### 2.5.1 Sampling errors

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All of the estimates produced by the WFDB are derived from samples, making them subject to sampling errors. Such errors occur when observations are based only on a sample and not on the population as a whole. The size and design of the sample, the variability of the characteristic of interest in the population, and the estimation method all affect data quality. In sample surveys, inference is made about the entire population based on data obtained from a part of the population; therefore, the results are likely to be different than if a complete census was taken under the same survey conditions. The most important feature of probability sampling is that the sampling error can be measured from the sample itself.

Each estimate released through the WFDB is assigned a *coefficient of variation* (C.V.) to measure its quality. As an objective statistical measure obtained through random sampling of the variation between each estimate and its “true” value, the C.V. indicates the degree of confidence that should be placed on a particular estimate. The users must determine if an estimate with a significant C.V. is appropriate for use.

The following rating system is suggested when using figures within a specific C.V. range.

<u>Letter</u>	<u>C.V.</u>	<u>Rating</u>
A	0.00% to 4.99%	Excellent
B	5.00% to 9.99%	Very Good
C	10.00% to 14.99%	Good
D	15.00% to 24.99%	Acceptable
E	25.00% to 34.99%	Use with caution
F	>=35.00%	Too unreliable to be published

### 2.5.2 Non-sampling errors

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Non-sampling errors can occur whether a sample is used or a complete census of the population is taken. Such errors can be introduced at various stages of data processing (such as coding, data entry, editing, weighting or tabulation) and include errors introduced inadvertently by respondents. Such errors are reduced through extensive edits and data analysis; however, there are some limitations. In Saskatchewan, due to the unreliability of the CAIS/TDP Census Subdivision (CSD) breakdowns, Census Agricultural Regions (CARs) cannot be reliably determined. In addition, until the 1992 taxation year, the CAIS/TDP was unable to assign farm types to certain crop farms in Quebec; these farms were classified as “unspecified crop farms”. This limitation has been addressed by subject-matter specialists. Since the 1993 taxation year, the “unspecified crop” revenues have been allocated to the crop type. Finally, CAIS/TDP estimates for the Peace River Region in British Columbia are not available for 1988 and 1989.

## 2.6 Confidentiality

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Statistics Canada maintains a strict level of confidentiality. All tabulated data are subject to restrictions prior to release. Several computerized checks are performed on all data cells to prevent the publication or disclosure of any information deemed confidential.

For each of the tabulations produced, the *estimated number of farms* is rounded to the base "5" and the estimates of the other variables within that table are adjusted by a variable factor. The estimated number of farm families is rounded to the base "10". With regard to the estimated number of farm operators, it is rounded to the base "5" in the series of farm operators operating single unincorporated agricultural holdings and to the base "10" in the series of farm operators operating incorporated or unincorporated agricultural holdings. If the degree of detail required to answer user requests creates confidentiality concerns, the affected data or the entire table will be suppressed.

This method preserves the confidentiality of the data, without jeopardizing the quality of the actual estimates.

## 3.0 Products and services

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### 3.1 Introduction

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To satisfy a variety of user needs, the WFDB offers an assortment of products and services as well as customized products. The WFDB Project Team is dedicated to offering users the data they need whether on paper or electronic format.

### 3.2 Statistics on Income of Farm Operators – Internet publication

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This publication (Statistics Canada catalogue no. 21-206-XIE) provides information on sources and levels of farm and off-farm income for operators by province, type of farm (based on the North American Industry Classification System) and revenue class. Distributional tables on income of operators are also presented. This publication also includes data highlights and information on concepts, methods and data quality. A relevant article on the story emanating from the data is also featured.

Data from Canada Revenue Agency's income tax returns of farmers operating unincorporated and incorporated farms provide the statistical basis for this publication.

This publication is available on Statistics Canada's website at [www.statcan.ca/cgi-bin/downpub/freepub.cgi](http://www.statcan.ca/cgi-bin/downpub/freepub.cgi).

### 3.3 Statistics on Income of Farm Families – Internet publication

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This publication (Statistics Canada catalogue no. 21-207-XIE) provides information on sources and levels of farm and off-farm income for farm families by province, type of farm (based on the North American Industry Classification System) and farm typology (based on age of operator, dependence on farm revenues and income level). Distributional tables on income of farm families are also presented. This publication also

includes data highlights and information on concepts, methods and data quality. A relevant article on the story emanating from the data is also featured.

Data from Canada Revenue Agency's income tax returns of farm families operating a single unincorporated farm provide the statistical basis for this publication.

This publication is available on Statistics Canada's website at [www.statcan.ca/cgi-bin/downpub/freepub.cgi](http://www.statcan.ca/cgi-bin/downpub/freepub.cgi).

### **3.4 Statistics on Revenues and Expenses of Farms – Internet publication**

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This publication (Statistics Canada catalogue no. 21-208-XIE) provides detailed financial information on farm-level revenues, expenses and net operating income by province, type of farm (based on the North American Industry Classification System) and revenue class. Information on the degree of specification for selected farm types and financial performance indicators of farms by province and by type of farm are also presented. This publication also includes data highlights and information on concepts, methods and data quality. A relevant article on the story emanating from the data is also featured.

Data from Canada Revenue Agency's income tax returns of unincorporated and incorporated farms and communal organization such as Hutterite Colonies provide the statistical basis for this publication.

This publication is available on Statistics Canada's website at [www.statcan.ca/cgi-bin/downpub/freepub.cgi](http://www.statcan.ca/cgi-bin/downpub/freepub.cgi).

### **3.5 Farm Financial Survey (FFS) – Internet publication**

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This electronic publication (Statistics Canada catalogue no. 21F0008XIB) is available free of charge on the Internet. It provides detailed regional statistics on the financial structure of Canadian farms. The publication includes balance sheet data (assets and liabilities) of farms by region, financial structure by farm type and region, and by revenue class and region, and capital investments and capital sales by region. In addition to presenting highlights from 2004, it also includes historical data. Charts and text outlining concepts, methods and data highlights supplement the tables.

New editions are published every year in December on Statistics Canada's website at [www.statcan.ca/cgi-bin/downpub/freepub.cgi](http://www.statcan.ca/cgi-bin/downpub/freepub.cgi).

**Please note:** Since 2006 is a Census year, collection for FFS 2006 has been moved to July. Therefore, the publication will be released in April, 2007.

### **3.6 Extraction System of Agricultural Statistics (ESAS) – CD-ROM**

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The *Extraction System of Agricultural Statistics* (ESAS) CD-ROM (Statistics Canada catalogue no. 21F0001XCB) is a compilation of the most commonly requested estimates from the Whole Farm Database. This CD-ROM product has been designed to provide you with desktop access to a wide array of physical and financial farm statistics. The system offers: a complete itemization of operating revenues and expenses; sources

and levels of farm and off-farm income for operators and farm families; data on assets, liabilities and capital investments for farms; and information on land use and livestock inventories by region, farm type and revenue class. Users have the option of selecting pre-established tables or customizing a tabulation to meet specific needs. The resulting tabulations can be viewed on-line, printed, or exported to another computer application.

The ESAS CD-ROM is \$250. Subsequent editions are available for only \$175 after the purchase of the initial package. A discount is available to all educational institutions.

### 3.7 Customized requests

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For specialized needs, users may request customized tables. Criteria for customized data should be outlined before ordering - the components required must be determined, (see [Section 2.2](#), for example, off-farm income, livestock inventories), the applicable data sources selected, and the appropriate variables for disaggregation chosen (such as farm type, revenue class, region).

Customized tables are available on paper or on diskette, CD-ROM or by e-mail.

Due to the highly disaggregative level of certain requests, some data will be suppressed to ensure data confidentiality.

The cost of customized WFDB products varies depending on the size and the complexity of the request.

### 3.8 Ordering WFDB products and services

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To order WFDB products and services or for more information, please write to the:

Whole Farm Data Projects Section  
Agriculture Division  
Statistics Canada  
12th Floor, Jean Talon Building  
Ottawa, Ontario K1A 0T6

Other ways to reach us:

Toll-free: 1-800-465-1991

Fax: 613-951-3868

E-mail: [agriculture@statcan.ca](mailto:agriculture@statcan.ca)

## Appendix A Description of core variables

### Regional information

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**\*Province:** Refers to the major political divisions of Canada. From a statistical point of view, provinces are a basic unit used to tabulate and cross-classify data.

**\*Census agricultural region<sup>1</sup>:** More commonly referred to as a **CAR**, this subprovincial geographic area is used by the Census of Agriculture for disseminating agricultural statistics and the WFDB uses it for the same purpose. In all provinces except Prince Edward Island and Saskatchewan, a CAR is made up of groups of **adjacent census divisions**. In Saskatchewan, census agricultural regions are groups of **adjacent census consolidated subdivisions**, but these groups do not necessarily respect census division boundaries. Census agricultural regions have not been defined for Prince Edward Island. In the Prairie provinces, census agricultural regions are commonly referred to as crop districts.

**Census division:** Refers to intermediate geographic areas between the census subdivision and the province level. They have been established by provincial law, with the exception of those in Newfoundland and Labrador, Manitoba, Saskatchewan, and Alberta. In these provinces, the census divisions have been created by Statistics Canada in co-operation with the province. The census divisions correspond to existing counties, regional districts, regional municipalities, etc.

**Census subdivision:** Applies to municipalities, as defined by provincial law, and geographic areas equivalent to municipalities. In Newfoundland and Labrador, Nova Scotia, and British Columbia, the term also describes geographic areas that have been created by Statistics Canada as equivalents to municipalities, in co-operation with the provinces.

**Enumeration area:** Term used by the census to refer to a geographic area canvassed by one census representative.

**Federal electoral district:** These districts include any place or territorial area entitled to return a member to serve in the House of Commons (source: Canada Elections Act, 1990).

**Postal code:** This is a six-digit alphanumeric code designed and maintained by Canada Post Corporation for the processing of mail (sorting and delivery).

### Farm information

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#### New farm classification system

Starting with the 2001 reference year, data for all data sources offered on the WFDB are compiled on the basis of the North American Industry Classification System (NAICS), which replaces the 1980 Standard Industrial Classification (SIC)<sup>2</sup>. Historical data series for all data sources have been reproduced based on NAICS in order to facilitate the transition between the SIC<sup>3</sup> and NAICS.

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\* Indicates variables currently available on ESAS.

1. The CARs are outlined on the maps found in [Appendix E](#) (pages 63 to 71). All the maps are based on the 2001 Census of Agriculture boundaries.
2. NAICS Canada replaces both the 1980 Standard Industrial Classification for Establishments (SIC-E) and the 1980 Standard Industrial Classification for Companies and Enterprises (SIC-C).
3. The SIC is a system developed by Statistics Canada for arranging producing units into industries.

The NAICS is an industry classification system that was developed by the statistical agencies of Canada, Mexico and the United States. Created against the background of the North American Free Trade Agreement, NAICS is designed to provide common definitions of the industrial structure of the three countries and a common statistical framework to facilitate the analysis and the comparability of the three economies. NAICS is based on a production-oriented or supply-based conceptual framework. This means that producing units that use similar production processes are grouped together in NAICS. By grouping businesses that use similar production processes, data classified according to NAICS are more suitable for the analysis of production related issues such as productivity or industrial performance.

The NAICS has a hierarchical structure and uses a six-digit numbering system. The first two digits designate the sector (the agriculture sector is part of 11—Agriculture, Forestry, Fishing and Hunting), the third digit represents the subsector, the fourth indicates the industry group, the fifth represents the industries, and the sixth digit designates national industries. (NAICS with Canadian detail is designated NAICS Canada.)

### Canadian Agricultural Income Stabilization and Taxation Data Program (CAIS/TDP)

Starting with the 2001 reference year, the CAIS/TDP has adopted the North American Industry Classification System. The CAIS/TDP series based on the 1980 SIC-E published up to the 2001 reference year (preliminary data) have now been terminated. Previous years' data have been recalculated to the new classification system back to 1987. Each record has been revisited and the farm type has been reassigned according to the new classification.

### Farm Financial Survey (FFS)

Reference year 2001 is the last year for which FFS data were released on an SIC basis. Data for 2001 and for previous years have been converted directly to NAICS.

### Other data sources

Like for the FFS, all data series from the June Crops Survey (JCS), the July Livestock Survey (JLS) and the National Farm Survey have been converted directly to NAICS; reference year 2000 is the last year for which JCS and JLS data were produced on an SIC basis.

**\*Farm type:** For each data source, the type of farm is based on a percentage of agricultural sales. The commodity or commodity group that makes up 50%<sup>4</sup> or more of the sales determines the **primary** farm type that will be assigned to an individual farm. Farms are also assigned a **secondary** farm type, which is determined by the next highest percentage of commodity sales. As noted above, the North American Industry Classification System (NAICS) acts now as the basis for classifying the farm types.

The **degree of specialization** is another “core” variable offered for further disaggregation. This variable is an indication of the level of concentration of total agricultural sales in relation to the sale of commodities or commodity groups as indicated by the farm type. For example, if a beef cattle farm realizes 90% of its total agricultural sales from the sale of cattle, then the degree of cattle specialization will be 90%.

\* Indicates variables currently available on ESAS.

4. The rule of 51% or more of the sales was used by the WFDB to determine the primary farm type on the SIC basis.

Listed below are the 11 standard farm types that serve as a basis in the WFDB. They will also be found on the 2006 version of the *Extraction System of Agricultural Statistics* CD-ROM. For a complete set of farm types and their respective availability for each of the data sources see [Table A.1](#).

## Farm types

- Oilseed and grain farming
- Potato farming
- Other vegetable (except potato) and melon farming
- Fruit and tree nut farming
- Greenhouse, nursery and floriculture production
- Other crop farming
- Beef cattle ranching and farming, including feedlots
- Dairy cattle and milk production
- Hog and pig farming
- Poultry and egg production
- Other animal production

NAICS divides establishments in the agriculture sector in two subsectors: crop production and animal production.

### **Crop production (NAICS code 111)**

This subsector comprises establishments, such as farms, orchards, groves, greenhouses and nurseries, primarily engaged in growing crops, plants, vines, trees and their seeds (excluding those engaged in forestry operations). Industries have been created taking into account input factors, such as suitable land, climatic conditions, type of equipment, and the amount and type of labour required. The production process is typically completed when the raw product or commodity grown reaches the "farm gate" for market, that is, at the point of first sale or price determination. An establishment is classified to a NAICS industry or a national level industry within this subsector provided that fifty percent or more of the establishment's agricultural production consists of the crops of the industry. Establishments with fifty percent or more in crop production and with no one product or family of products of an industry accounting for fifty percent of the production are treated as combination crop farms and classified to 11199, All other crop farming, except for establishments with fifty percent or more in the production of oilseeds and grains, which are classified to 11119, Other grain farming.

*The WFDB standard farm types under the **Crop production** subsector are:*

### **Oilseed and grain farming (NAICS code 1111)**

This industry group comprises establishments primarily engaged in growing oilseeds and grains. Establishments primarily engaged in producing seeds are classified in the appropriate crop industry.

**Potato farming (NAICS code 111211)**

This Canadian industry comprises establishments primarily engaged in growing potatoes and seed potatoes, except sweet potatoes.

**Other vegetable (except potato) and melon farming (NAICS code 111219)**

This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in growing vegetables and melons. Establishments primarily engaged in producing vegetable and melon seeds, except seed potatoes, and vegetable and melon bedding plants are also included in this industry.

**Fruit and tree nut farming (NAICS code 1113)**

This industry group comprises establishments primarily engaged in growing fruit and nuts.

**Greenhouse, nursery and floriculture production (NAICS code 1114)**

This industry group comprises establishments primarily engaged in growing crops of any kind under cover, growing nursery crops and growing flowers. "Under cover" includes in greenhouses, cold frames, cloth houses, and lath houses. The crops grown are removed at various stages of maturity.

**Other crop farming (NAICS code 1119)**

This industry group comprises establishments, not classified to any other industry group, primarily engaged in growing crops, such as tobacco, peanuts, sugarbeets, cotton, sugar cane, hay, agave, herbs and spices, mint, hops, and hay and grass seeds. Combination crop farming and the gathering of maple sap are included in this industry group.

**Animal production (NAICS code 112)**

This subsector comprises establishments, such as ranches, farms and feedlots, primarily engaged in raising animals, producing animal products and fattening animals. Industries have been created taking into account input factors such as suitable grazing or pasture land, specialized buildings, type of equipment, and the amount and type of labour required. An establishment is classified to a NAICS industry or a national level industry within this subsector provided that fifty percent or more of the establishment's agricultural production consists of the products of that industry. Establishments with fifty percent or more in animal production and with no one product or family of products of an industry accounting for fifty percent of the production are treated as combination animal farms and classified to 11299, All other animal production.

*The WFDB standard farm types under the **Animal production** subsector are:*

**Beef cattle ranching and farming, including feedlots (NAICS code 112110)**

This Canadian industry comprises establishments primarily engaged in raising and fattening cattle. The raising of cattle for dairy herd replacements is also included in this industry.

Exclusion(s): Establishments primarily engaged in milking dairy cattle (Dairy cattle and milk production).

**Dairy cattle and milk production (NAICS code 112120)**

This Canadian industry comprises establishments primarily engaged in milking dairy cattle.

Exclusion(s): Establishments primarily engaged in: raising, feeding or fattening cattle (Beef cattle ranching and farming, including feedlots); raising dairy herd replacements (Beef cattle ranching and farming, including feedlots); milking goats (Goat farming).

*For farms involved in dairy cattle and milk production, the rule of fifty percent or more is altered slightly—only 40% or more of agricultural sales are derived from the sale of dairy products and 10% or more from raising and selling dairy cattle.*

### **Hog and pig farming (NAICS code 112210)**

This Canadian industry group comprises establishments primarily engaged in raising hogs and pigs.

### **Poultry and egg production (NAICS code 1123)**

This industry group comprises establishments primarily engaged in breeding, hatching and raising poultry for meat or egg production.

### **Other animal production (NAICS code 112A)**

NAICS code 112A, which has been created by the Agriculture Division of Statistics Canada, is a combination of the two following industry groups: Sheep and goat farming (NAICS code 1124) and Other animal production (NAICS code 1129). The first industry group comprises establishments primarily engaged in raising sheep and goats, and feeding or fattening lambs. The second industry group comprises establishments, not classified to any other industry group, primarily engaged in raising animals, such as bees, horses and other equines, rabbits and other fur-bearing animals, llamas, deer, worms, crickets, laboratory animals and companion animals, for example dogs, cats, pet birds and other pets. The production of animal products, such as honey and other bee products, are also included. Establishments primarily engaged in raising a combination of animals, classified in other industries with no one predominating, are also included in this industry group.

A detailed description of the activities for each code and title of the classes of NAICS Canada is presented in [Appendix D](#).

For a concordance between the farm type codes based on the NAICS structure and the previous WFDB codes based on the SIC structure, refer to [Table A.2](#).

**\*Revenue:** Refers to the total operating revenues. That is, all revenues from the sale of agricultural commodities as well as agriculture payments and subsidies. Also included are sales from forest products and interfarm sales.

The WFDB makes use of standard revenue classes, which are available for the pre-established tables. These pre-established classes are the same as those used by the Census of Agriculture when producing estimates. The levels are:

\$ 10,000 to \$ 24,999  
\$ 25,000 to \$ 49,999  
\$ 50,000 to \$ 99,999  
\$ 100,000 to \$ 249,999  
\$ 250,000 to \$ 499,999  
\$ 500,000 and more

**Type of organization:** The types of organizations are defined as incorporated and unincorporated farms.

### Operator information

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**Age:** Most data sources provide the age of the principal farm operator.

**Sex:** Data on the gender of the farm operator are also available from most data sources.

**Marital status:** Marital status is defined by 5 variables: married, widowed, divorced, separated or single.

For further information about operator variables and their availability, contact [Agriculture Division](#).

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\* Indicates variables currently available on ESAS.

**Table A.1 Farm type codes and titles based on NAICS structure and availability by data source**

NAICS codes	Farm types	CAIS/TDP	FFS	JCS	JLS	NFS
<b>111</b>	<b>Crop production</b>	√	√	√	√	√
<b>1111</b>	<b>Oilseed and grain farming</b>	√	√	√	√	√
111110	Soybean farming	√	...	...	...	...
111120	Oilseed (except soybean) farming	√	...	√	√	√
111130	Dry pea and bean farming	√	...	√	√	√
111140	Wheat farming	√	...	√	√	√
111150	Corn farming	√	...	√	√	√
111160	Rice farming	...	...	...	...	...
111190	Other grain farming	√	√	√	√	√
<b>1112</b>	<b>Vegetable and melon farming</b>	√	√	√	√	√
111211	Potato farming	√	√	√	√	√
111219	Other vegetable (except potato) and melon farming	√	√	√	√	...
<b>1113</b>	<b>Fruit and tree nut farming</b>	√	√	√	√	...
111310	Orange groves	...	...	...	...	...
111320	Citrus (except orange) groves	...	...	...	...	...
111330	Non-citrus fruit and tree nut farming	...	...	...	...	...
<b>1114</b>	<b>Greenhouse, nursery and floriculture production</b>	√	√	√	√	√
111411	Mushroom production	√	...	√	√	...
111419	Other food crops grown under cover	...	...	...	...	...
111421	Nursery and tree production	...	...	...	...	...
111422	Floriculture production	...	...	...	...	...
↓						
111488 <sup>1</sup>	Nursery, floriculture and other greenhouse production	√	√	√	√	√
<b>1119</b>	<b>Other crop farming</b>	√	√	√	√	√
111910	Tobacco farming	√	√	√	√	√
111920	Cotton farming	...	...	...	...	...
111930	Sugar cane farming	...	...	...	...	...
111940	Hay farming	√	...	√	√	√
111993	Fruit and vegetable combination farming	√	...	√	√	√
111999	All other miscellaneous crop farming	√	√	√	√	√
<b>112</b>	<b>Animal production</b>	√	√	√	√	√
<b>1121</b>	<b>Cattle ranching and farming</b>	√	√	√	√	√
112110	Beef cattle ranching and farming, including feedlots	√	√	√	√	√
112120	Dairy cattle and milk production	√	√	√	√	√
<b>1122</b>	<b>Hog and pig farming</b>	√	√	√	√	√
112210	Hog and pig farming	√	√	√	√	√

1. Agriculture Division of Statistics Canada created this code. The official NAICS coding is 1114A.

... Not applicable.

**Table A.1 Farm type codes and titles based on NAICS structure and availability by data source (concluded)**

NAICS codes	Farm types	CAIS /TDP	FFS	JCS	JLS	NFS
1123 <sup>2</sup>	<b>Poultry and egg production</b>	√	√	√	√	√
112310 <sup>3</sup>	Chicken egg production	√	√	√	√	√
112320	Broiler and other meat-type chicken production	...	√	...	...	√
112330	Turkey production	...	√	...	...	...
112391	Combination poultry and egg production	...	...	...	...	...
112399	All other poultry production	...	√	...	...	...
↓						
112388 <sup>1</sup>	Broiler, turkey and all other poultry production	√	...	√	√	√
112340	Poultry hatcheries	√	...	√	√	...
1124	<b>Sheep and goat farming</b>	√	√	√	√	√
112410	Sheep farming	...	...	...	...	...
112420	Goat farming	...	...	...	...	...
1125	<b>Animal aquaculture</b>	...	...	...	...	...
112510	Animal aquaculture	...	...	...	...	...
1129	<b>Other animal production</b>	√	√	√	√	√
112910	Apiculture	√	√	√	√	...
112930	Fur-bearing animal and rabbit production	√	√	√	√	...
112920	Horse and other equine production	...	√	...	...	...
112999	All other miscellaneous animal production	...	√	...	...	...
↓						
112988 <sup>1</sup>	Horse and all other animal production	√	...	√	√	...
112991	Animal combination farming	√	√	√	√	√
112888 <sup>1,4</sup>	<b>Other animal production</b>	√	√	√	√	√

1. Agriculture Division of Statistics Canada created these codes. The official NAICS coding is 1123A, 1129A and 112A.

2. Starting with reference year 2001, NAICS code 1123 includes NAICS code 112340 for the CAIS/TDP, JCS and JLS.

3. Starting with reference year 2002, hatcheries are included with chicken egg production in the NAICS classification for the FFS.

4. NAICS code 112A includes NAICS code 1124 and NAICS code 1129.

... Not applicable.

**Table A.2 Concordance between farm type codes based on NAICS structure and WFDB codes based on SIC structure by data source**

NAICS codes	Farm types	WFDB codes based on SIC <sup>2</sup>				
		CAIS /TDP	FFS	JCS	JLS	NFS
<b>111</b>	<b>Crop production</b>	...	...	...	...	...
<b>1111</b>	<b>Oilseed and grain farming</b>	...	...	...	...	...
111110	Soybean farming	1330	...	...	...	...
111120	Oilseed (except soybean) farming	1330	...	1330	1330	1330
111130	Dry pea and bean farming	1360	...	1360	1360	1360
111140	Wheat farming	1310	...	1310	1310	1310
111150	Corn farming	1340	...	1340	1340	1340
111160	Rice farming	...	...	...	...	...
111190	Other grain farming	1320	1396	1320	1320	1320
		1405	...	1396	1396	1405
		...	...	1405	1405	...
<b>1112</b>	<b>Vegetable and melon farming</b>	...	...	...	...	...
111211	Potato farming	1380	1380	1380	1380	1380
111219	Other vegetable (except potato) and melon farming	1520	1520	1520	1520	...
<b>1113</b>	<b>Fruit and tree nut farming</b>	1510	1510	1510	1510	...
111310	Orange groves	...	...	...	...	...
111320	Citrus (except orange) groves	...	...	...	...	...
111330	Non-citrus fruit and tree nut farming	...	...	...	...	...
<b>1114</b>	<b>Greenhouse, nursery and floriculture production</b>	...	...	...	...	...
111411	Mushroom production	1610	...	1610	1610	...
111419	Other food crops grown under cover	...	...	...	...	...
111421	Nursery and tree production	...	...	...	...	...
111422	Floriculture production	...	...	...	...	...
↓						
111488	<sup>1</sup> Nursery, floriculture and other greenhouse production	1625	1620	1625	1625	1625
		1693	1625	1693	1693	...
<b>1119</b>	<b>Other crop farming</b>	...	...	...	...	...
111910	Tobacco farming	1370	1370	1370	1370	1370
111920	Cotton farming	...	...	...	...	...
111930	Sugar cane farming	...	...	...	...	...
111940	Hay farming	1350	...	1350	1350	1350
111993	Fruit and vegetable combination farming	1590	...	1590	1590	1590
111999	All other miscellaneous crop farming	1390	1320	1390	1390	1409
		1395	1390	1395	1395	...
		1409	1397	1397	1397	...
		1691	1692	1400	1409	...
		1692	1700	1409	1690	...
		1694	...	1690	1691	...
		1699	...	1691	1692	...
		1700	...	1692	1699	...

1. Agriculture Division of Statistics Canada created this code. The official NAICS coding is 1114A.

2. For titles, see **Table A.3**.

... Not applicable.

**Table A.2 Concordance between farm type codes based on NAICS structure and WFDB codes based on SIC structure by data source (continued)**

NAICS codes	Farm types	WFDB codes based on SIC <sup>2</sup>				
		CAIS /TDP	FFS	JCS	JLS	NFS
<b>112</b>	<b>Animal production</b>	...	...	...	...	...
<b>1121</b>	<b>Cattle ranching and farming</b>	...	...	...	...	...
112110	Beef cattle ranching and farming, including feedlots	1120	1121	1120	1120	1121
		...	1122	...	...	1122
		...	1123	...	...	1123
		...	1124	...	...	1124
112120	Dairy cattle and milk production	1110	1110	1110	1110	1110
<b>1122</b>	<b>Hog and pig farming</b>	...	...	...	...	...
112210	Hog and pig farming	1130	1131	1130	1130	1131
		...	1132	...	...	1132
		...	1133	...	...	1133
		...	1134	...	...	1134
<b>1123</b> <sup>3</sup>	<b>Poultry and egg production</b>	...	...	...	...	...
112310 <sup>4</sup>	Chicken egg production	1142	1142	1142	1142	1142
		...	1144	...	...	...
112320	Broiler and other meat-type chicken production	...	1141	...	...	1141
112330	Turkey production	...	1143	...	...	...
112391	Combination poultry and egg production	...	...	...	...	...
112399	All other poultry production	...	1144	...	...	...
↓						
112388 <sup>1</sup>	Broiler, turkey and all other poultry production	1141	...	1140	1140	1149
		1149	...	1141	1141	...
		...	...	1149	1149	...
112340	Poultry hatcheries	1145	...	1145	1145	...
<b>1124</b>	<b>Sheep and goat farming</b>	1150	1150	1150	1150	1150
112410	Sheep farming	...	...	...	...	...
112420	Goat farming	...	...	...	...	...
<b>1125</b>	<b>Animal aquaculture</b>	...	...	...	...	...
112510	Animal aquaculture	...	...	...	...	...
<b>1129</b>	<b>Other animal production</b>	...	...	...	...	...
112910	Apiculture	1210	1210	1210	1210	...
112930	Fur-bearing animal and rabbit production	1230	1230	1230	1230	...
112920	Horse and other equine production	...	1220	...	...	...
		...	1290	...	...	...
112999	All other miscellaneous animal production	...	1290	...	...	...
↓						
112988 <sup>1</sup>	Horse and all other animal production	1290	...	1220	1220	...
		...	...	1290	1290	...

1. Agriculture Division of Statistics Canada created these codes. The official NAICS coding is 1123A and 1129A.

2. For titles, see **Table A.3**.

3. Starting with reference year 2001, NAICS code 1123 includes NAICS code 112340 for the CAIS/TDP, JCS and JLS.

4. Starting with reference 2002, hatcheries are included with chicken egg production in the NAICS classification for the FFS.

... Not applicable.

**Table A.2 Concordance between farm type codes based on NAICS structure and WFDB codes based on SIC structure by data source (concluded)**

NAICS Codes	Farm Types	WFDB codes based on SIC <sup>2</sup>				
		CAIS /TDP	FFS	JCS	JLS	NFS
112991	Animal combination farming	1190	1190	1190	1190	1190
		1299	1700	1200	1299	1299
		1700	...	1299	...	...
112888	<sup>1.3</sup> Other animal production	...	...	...	...	...

1. Agriculture Division of Statistics Canada created this code. The official NAICS coding is 112A.
  2. For titles, see **Table A.3**.
  3. NAICS code 112A includes NAICS code 1124 and NAICS code 1129.
- ... Not applicable.

**Table A.3 Farm type codes and titles based on SIC structure**

WFDB codes based on SIC	Farm types
1100	<b>Livestock</b>
1110	Dairy
1120	Cattle
1121	Cattle, cow-calf
1122	Cattle, feeders – cow-calf
1123	Cattle, feedlot cattle
1124	Cattle, other cattle
1130	Hogs
1131	Hogs, farrowing
1132	Hogs, finishing
1133	Hogs, farrowing and finishing
1134	Hogs, other hogs
1140	Poultry and eggs
1141	Poultry
1142	Eggs
1143	Turkeys
1144	Other poultry
1145	Hatchery
1149	Poultry and egg combination
1150	Sheep, goats and lambs
1190	Livestock combination
1200	<b>Other animal specialty</b>
1210	Honey and related products
1220	Horses and other equines
1230	Furs and skins
1240	Aquaculture
1250	<sup>1</sup> Artificial insemination
1290	Other animal specialty
1299	Animal combination total
1300	<b>Field crops</b>
1310	Wheat
1320	Small grains
1330	Oilseeds
1340	Grain corn
1350	Forage crop
1360	Dry peas and beans
1370	Tobacco
1380	Potatoes
1390	Other field crops
1396	Grains
1397	Specialty crops
1395	Crops unspecified (Quebec only)
1400	<b>Field crop combination</b>
1405	Grains and oilseeds combination (combination of wheat, small grains, oilseeds, grain corn, or dry peas and beans)

1. In NAICS, artificial insemination is included under code 115210 (Support activities for animal production).

**Table A.3 Farm type codes and titles based on SIC structure (concluded)**

WFDB codes based on SIC	Farm types
1409	Other field crop combination
9990	<b>All grains and oilseeds</b> ( <i>including all of sections 1300 and 1400, except for 1350, 1370, 1380, 1390, 1397 and 1409</i> )
1500	<b>Fruits and vegetables</b>
1510	Fruits
1520	Vegetables
1590	Fruit and vegetable combination
1600	<b>Horticulture</b>
1610	Mushrooms
1620	Greenhouse
1625	Greenhouse and nursery
1690	Other horticultural products
1691	Ginseng
1692	Maple products
1693	Christmas trees
1694	Other horticultural specialty
1699	Horticulture combination
1700	Livestock, field crop and horticulture combination
1800	No farm type assigned

## Appendix B Description of CAIS/TDP variables

### Description of CAIS/TDP variables

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The WFDB offers a wide range of physical and financial variables from several survey sources. The suggested formats are listed in [Table 2.1](#) (pages 10 to 15). Although other variables are available, those listed in the table are recommended as the most reliable estimates, maximizing the usefulness of each of the data sources.

The CAIS/TDP suggested variables are listed and described below and on the subsequent pages. All of the 4 digit codes signify aggregations and their contents are listed and described wherever necessary.

### Revenues

**R2040 Total operating revenues – includes:**

**R2020 Total crop revenues – includes:**

**R2005 Total grain and oilseed revenues – includes:**

- R400 All wheat – winter wheat, spring wheat, durum wheat, red spring wheat and utility wheat<sup>1</sup>
- R401 Oats<sup>1</sup>
- R402 Barley<sup>1</sup>
- R405 Canola (Rapeseed)<sup>1</sup>
- R406 Soybeans<sup>1</sup>
- R407 Corn – grain corn and seed corn<sup>1</sup>
- R423 Other and non-specified small grains – used when an aggregate amount or an amount for other small grains is reported<sup>1</sup>
- R2002 Other and non-specified grains and oilseeds – rye, flaxseed, dry peas and beans (white beans, kidney beans, dry peas, dry lentils and dry pulses) and other and non-specified oilseeds<sup>1</sup>

**R2000 Total other crop revenues – includes:**

- R410 Potatoes – table potatoes, seed and processing potatoes
- R2006 Fruits and vegetables – includes:
  - R421 fruits
  - R411 vegetables (non-greenhouse) – artichokes, asparagus, wax and green beans, table beets, broccoli, Brussels sprouts, cabbage, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, horseradish, leeks, lettuce, onions, peas, peppers, pumpkins, radishes, rhubarb, edible rutabagas (turnips), spinach, squash, tomatoes, and vegetable seeds
- R412 Tobacco – flue-cured, leaf and dark tobacco
- R2011 Greenhouse, nursery and floriculture products – includes:
  - R414 mushrooms
  - R415 greenhouse and nursery products – nursery, greenhouse or floriculture operations (Also included: ornamental plants, shrubs and trees; cut and field grown flowers; rooted cuttings; seeds and bulbs; and sod and turf farms)

---

1. Data for this variable are imputed to a greater extent for data years 1996 and beyond since the unincorporated source of electronically filed taxation data (EFILE) has no breakdown of grains and oilseeds available.

R471 Christmas trees

R435 Forage crops (including forage seed) – hay, alfalfa, clover and clover seed, alsike clover, timothy and fescue, as well as grass seed farming

R3009 Other crops

R437 Unspecified crops (Quebec only) – used when an aggregate amount for crop revenues is reported (applicable before 1993)

R2012 Other crops – includes:

R413 ginseng

R427 other field crops – sugar beets, hops, mangels and turnips (for livestock feed)

R465 maple products – maple syrup, maple sugar, or maple taffy

**R2025 Total livestock and product revenues – includes:**

R2016 Cattle – includes:

R440 livestock sold – cattle – steers (feeder and stocker), heifers, cows (dairy and beef), calves and bulls

R468 embryo transplants<sup>2</sup>

R441 Swine – also referred to as hogs, weaner pigs, gilts, feeders, sows, stags, boars, and pigs

R2017 Poultry and eggs – includes:

R442 livestock sold – poultry – chicks, pullets, hens, cockerels, capons, commercial broilers and roasters, turkeys, ducks, geese and other fowl

R445 eggs

R497 chicks from hatcheries and hatching eggs<sup>3</sup>

R443 Sheep and goats – sheep, goats, lambs, wool, and goat's milk

R2018 Dairy products and subsidies – includes:

R450 milk and cream – for both fluid and industrial purposes

R455 dairy subsidies<sup>4</sup>

R2019 Other livestock and products – includes:

R444 livestock sold – other – other livestock such as horses, ponies, dogs, etc.

R460 bees, honey – bees, honey (natural and processed), and beeswax

R461 furs – fur-bearing animals raised in captivity and/or fur pelts, includes fox ranching, chinchilla ranching, mink ranching, and rabbit farming

R477 PMU (pregnant mare urine)

R498 aquaculture<sup>3</sup>

R499 artificial insemination, semen, stud service<sup>3</sup> and embryo transplants<sup>5</sup>

**R2030 Total other revenues – includes:**

R3011 Program payments and insurance proceeds – includes income from provincial stabilization programs, the now-terminated Gross Revenue Insurance Plan (GRIP), payments and other subsidies (such as hog incentive programs, acreage payments, assistance for clearing land and government grants), plus aggregate amounts reported for subsidies, patronage dividends and reimbursements. Program payments also include insurance proceeds from programs (private and government) for crops and livestock due to adverse weather conditions, disease or other reasons. Disaster assistance payments from federal and provincial programs are also included. Dairy subsidies<sup>6</sup> are not included

2. Prior to 1996, included also artificial insemination, semen and stud service. This variable is no longer available since 1997.

3. Only available since 1996 in the CAIS/TDP.

4. The federal dairy consumer subsidy has been phased out over a five-year period ending January 31, 2002.

5. Embryo transplants are included since 1997.

6. The federal dairy consumer subsidy has been phased out over a five-year period ending January 31, 2002.

in program payments nor are Net Income Stabilization Account (NISA)<sup>7</sup> withdrawals of unincorporated farms.

- R475 Custom work and machine rental – custom work, contract work, machinery leasing or rental, hauling, custom trucking, harvesting, combining, crop dusting or spraying, seeding, drying, packing, cleaning and treating of seeds
- R2027 Rental income – includes:  
 R457 quota rental income – (milk quota, tobacco quota, etc.)  
 R481 rental income: land and buildings  
 R482 other rental income – surface rental of oil or natural gas properties, right-of-way or road rent
- R2021 Other forest products – includes:  
 R470 wood (including stumpage fees) – logs, trees, wooden fence posts or any related forest products such as chips or slab wood  
 less R353 logging expenses
- R2004 Cash advances (Net) – R425 cash advances less R315 cash advances repayment  
 Note: this includes any Wheat Board Payments reported on statement.
- R2029 Miscellaneous revenues – includes:  
 R459 quota refund or levy refunds  
 R467 sand or gravel – sand, gravel, soil or top soil  
 R479 GST  
 R480 patronage dividends – (grain pools, payments from cooperatives, co-op proceeds, etc.)  
 R500 other farm income excluding rental income – miscellaneous, other or sundry income  
 R508 profit share income (or share)  
 R649 inputs bought for resale – sold – agricultural commodities sold which were bought, but no agricultural process applied to them (fertilizers sold for resale, chemicals sold for resale, wood sold for resale, etc.)  
 R650 outputs bought for resale – sold – agricultural commodities bought in addition to what was grown or produced (grain, fruits, produce, vegetables or berries, etc.)  
 R651 horse racing income (<100%) – relates to R354 horse racing expenses below (used when any horse racing expenses reported)  
 less R351 inputs bought for resale (see R649 inputs bought for resale above)  
 less R352 outputs bought for resale (see R650 outputs bought for resale above)  
 less R354 horse racing expense (<100%) (see R651 horse racing income above)

**R2045 Total income adjustments – includes:**

- R458 Quota sale income
- R469 Capital cost allowance (CCA) recaptured – capital cost allowance recovered, recaptured from last year, etc.
- R2041 Inventory adjustments – includes:  
 R635 mandatory inventory adjustment<sup>8</sup>  
 R641 optional inventory adjustment<sup>8</sup>
- R2042 Non-applicable income – income not earned from the sale of farm products

**R2050 Gross farm income for tax purposes (R2040 + R2045)**

7. The last year for NISA contributions was 2003 as the program has been replaced by CAIS. Rules to wind down NISA accounts require producers to withdraw all their funds by March 31, 2009.

8. For definitions, please refer to Farming Income Tax Guide available from Canada Revenue Agency.

## Expenses

### R2140 Total operating expenses – includes:

#### R2105 Total crop expenses – includes:

- R230 Fertilizer and lime
- R235 Pesticides – pesticides, herbicides, insecticides and fungicides or any other type of chemical such as sprays or dusts applied to crops or animals
- R240 Seed and plants – also ornamental plants, rooted cuttings and bulbs
- R264 Non-specified greenhouse and nursery expenses – used when an aggregate amount is reported for greenhouse and nursery (prior to 1990)
- R265 Containers, twine and baling wire – bags, containers, twine, all types of materials used to package, contain or ship farm produce or products
- R2102 Other crop expenses – includes:
  - R314 irrigation – any expense directly associated with irrigation on the farm including water rights
  - R324 crop supplies – used when an aggregate or a single amount is reported for “crop supplies”

#### R2110 Total livestock expenses – includes:

- R245 Cattle purchases – cattle, feeders, stockers, dairy or beef cows, bulls, and calves<sup>9</sup>
- R246 Swine purchases – hogs such as service boars, gilts, sows, and weaner pigs<sup>9</sup>
- R247 Poultry and egg purchases – chicks, pullets, broilers, layer hens, ducks, geese, turkeys, and other fowl<sup>9</sup>
- R248 Sheep and lamb purchases – sheep, lambs, and goats<sup>9</sup>
- R249 Other livestock purchases – horses, ponies, minks, foxes, rabbits, ostriches, and bees (or colonies)<sup>9</sup>
- R250 Feed, supplements, straw and bedding – hay, straw, feed grains such as oats, barley, and corn; supplements such as salts, minerals, vitamins, concentrates and milk replacer; and beddings items such as shavings, chips, and sawdust
- R255 Veterinary fees, medicine and breeding fees – veterinary fees and medicine as well as breeding fees, stud service and semen, embryo transplants, disease testing, neutering or spaying
- R2107 Other livestock expenses – includes:
  - R312 D.H.I.A. and animal grading – Dairy Herd Improvement Association expenses and animal grading
  - R323 dairy or livestock supplies

#### R2120 Total machinery expenses – includes:

- R270 Small tools

9. Data for this variable are imputed to a greater extent for data years 1996 and beyond since most of the data sources (traditional printed forms and electronic forms for the unincorporated farm, and the General Index of Financial Information (GIFI) for the corporations) have no breakdown of livestock purchases available.

- R2111 Net fuel expenses, machinery, truck, auto – includes:
  - R220 machinery and truck expenses – gasoline, diesel and oil
  - R225 automobile expenses (Farm Share) – gasoline and oil less R485 gasoline tax rebates
- R2112 Repairs, licenses and insurance – includes:
  - R221 machinery and truck expenses – repairs, licenses and insurance
  - R226 automobile expenses (Farm Share) – repairs, insurance and licenses/permits

**R2135 Total general expenses – includes:**

- R2121 Salaries (including CPP, QPP, EI) – includes:
  - R195 salaries (including CPP, QPP, or EI) – wages and salaries paid to hire help together with the cost of their board. Also includes wages and salaries paid to children and spouses and all employee benefits less salaries or wages paid to self
- R2122 Rent – includes:
  - R205 rent (land, buildings and pasture)
  - R318 quota rental
- R275 Insurance
- R285 Telephone (farm share)
- R2123 Net electricity (farm share) – includes:
  - R290 electricity (farm share) less R488 electricity rebates
- R295 Heating fuel (farm share) – natural gas, coal or oil to heat farm buildings, as well as curing fuel for tobacco and fuel for crop-drying or greenhouses
- R300 Custom work and machine rental – harvesting, combining, baling, threshing, crop dusting and spraying, soil preparation, planting and cultivating, grain drying, seed cleaning and treating, sheep dipping and shearing, livestock spraying, soil testing, blacksmithing, animal boarding and grooming, slaughtering, butchering, cutting and wrapping; and rental or leasing of machinery used for purpose of generating farm income
- R2126 Net interest expenses – includes interest paid on real estate mortgages, machinery loans, etc. less R487 interest rebates
- R2127 Net property tax – includes:
  - R215 property taxes on agricultural land and buildings as well as farm share of principal dwelling, also school and municipal taxes less R486 property tax or land rebates
- R2128 Building and fence repairs
- R2129 Marketing expenses – includes:
  - R305 freight and trucking – transportation of agricultural products to market
  - R328 selling costs – commissions, auctioneering charges, or road side stands
  - R332 marketing board fees – e.g., Milk Marketing Board, Egg Marketing Board, also dairy levies, milk quota or quota penalties
- R2131 Miscellaneous farm expenses – includes:
  - R280 accounting, legal, office, advertising, memberships, subscriptions
  - R283 insurance program overpayment recapture

- R308 share expenses
- R311 sand, soil and gravel
- R320 other farm expenses – miscellaneous or sundry
- R322 farm supplies – e.g., oxygen and acetylene
- R333 stabilization levies or fees (government levies)
- R263 maple product expenses – when aggregate reported
- R267 wood expenses – when aggregate reported
- R307 raising expenses – when aggregate reported
- R317 expense for bad debts (incorporated farms only)
- R660 business use of home expense  
less cost for saleable products consumed  
less personal or non-business expenses

**R2500 Net operating income – R2040 total operating revenues less R2140 total operating expenses**

**R2145 Total expense adjustments – includes:**

- R310 Clearing and improving land – drilling or digging wells, removing stumps or rocks, etc.
- R316 Tile drainage
- R2141 Inventory adjustments – includes:
  - R326 mandatory inventory adjustment <sup>10</sup>
  - R327 optional inventory adjustment <sup>10</sup>
- R330 Capital cost allowance – applies to amount deducted for depreciable property
- R331 Allowance on eligible capital property – all eligible capital expenditures to purchase intangible capital property for use in the farm business, e.g., milk quotas, tobacco quotas or other government rights for an unlimited period
- R350 Non-applicable expenses – expenses not incurred in order to produce farm income
- R2142 Other expense adjustments – includes:
  - R319 quota purchased
  - R309 capital tax

**R2150 Total expenses for tax purposes (R2140 + R2145)**

**Additions and disposals of assets – until the 1995 taxation year**

The following percentages represent the rate at which Canada Revenue Agency allows assets to be depreciated along with the more common items included in each class. For a more complete list of the depreciable assets included in each class, refer to the **Farming Income Tax Guide**.

- Class 1**      **4%**  
buildings acquired after 1987  
dams
- Class 2**      **6%**  
permanent piping

<sup>10</sup>. For definitions, please refer to Farming Income Tax Guide available from Canada Revenue Agency.

<b>Class 3</b>	<b>5%</b> buildings acquired between 1978 and 1988 cement, steel, or stone docks cement or stone breakwaters
<b>Class 6</b>	<b>10%</b> wood breakwaters greenhouses fences – all types wood, galvanized, or portable buildings and component parts
<b>Class 7</b>	<b>15%</b> boats and component parts
<b>Class 8</b>	<b>20%</b> bee equipment grain or seed cleaners storage buildings drawn hay bailers and stokers tools over \$200 silo and silo fillers, etc.
<b>Class 9</b>	<b>25%</b> aircraft acquired after May 25, 1976 electric-generating equipment acquired before May 26, 1976 (not exceeding 15 Kw)
<b>Class 10</b>	<b>30%</b> automobiles (incl. passenger vehicles – Class 10.1) tractors, trailers, trucks, wagons, and sleighs, etc. computer hardware and systems software
<b>Class 12</b>	<b>100%</b> tools under \$200
<b>Class 16</b>	<b>40%</b> aircraft acquired before May 26, 1976
<b>Class 17</b>	<b>8%</b> roads and other surface areas (paved or concrete)
<b>Class 34</b>	<b>25 - 50%</b> wind-energy conversion equipment
<b>Class 50</b>	<b>Quota</b> <sup>11</sup>
<b>Class 60</b>	<b>Other</b> <sup>11</sup>

## Additions and disposals of assets<sup>12</sup> – 1996 to 1999 taxation years

### Equipment (S140 and S240)

- class 7 boats and component parts
- class 8 bee equipment  
grain or seed cleaners

11. Agriculture Division of Statistics Canada created these classes.

12. All sectors covered to 1995. From 1996-1999, data series only covers incorporated sector and communal farming organizations. Series discontinued after 1999 data.

- storage buildings
- drawn hay bailers and stokers
- tools over \$200
- silo and silo fillers, etc.
- class 9 aircraft acquired after May 25, 1976
- electric-generating equipment acquired before May 26, 1976 (not exceeding 15 Kw)
- class 10 automobiles (including passenger vehicles – Class 10.1)
- tractors, trailers, trucks, wagons, and sleighs, etc.
- computer hardware and systems software
- class 12 tools under \$200
- class 16 aircraft acquired before May 26, 1976
- class 17 roads and other surface areas (paved or concrete)
- class 34 wind-energy conversion equipment

**Building (S141 and S241)**

- class 1 buildings acquired after 1987
- dams
- class 2 permanent piping
- class 3 buildings acquired between 1978 and 1988
- cement, steel, or stone docks
- cement or stone breakwaters
- class 6 wood breakwaters
- greenhouses
- fences – all types
- wood, galvanized, or portable buildings and component parts

**Land (S142 and S242)**

- land

**Quota <sup>13</sup> (S150 and S250)**

- class 50 quota

**Other <sup>13</sup> (S160 and S260)**

- class 60 other

**Total (S198 and S298)****Off-farm income <sup>14</sup>****Total off-farm income – includes:**

- T6010<sup>15</sup> Wages and salaries – includes:
  - T101 employment income before deductions
  - T104 other employment income including tips and gratuities
  - less T109 deduction – other allowable expenses (applicable before 1988)
- T6020 Net business income
  - T135 business income
- T6030 Net professional income
  - T137 professional income

13. Agriculture Division of Statistics Canada created these classes.

14. The items that follow (except TCHIL, FAQUE, FABC, FABEN and some of the 4-digit codes) are all from the Canada Revenue Agency Taxation T1 General Taxation Form, which are defined in Your Guide: Federal and Provincial Tax Guide and Returns.

15. Starting with the 1999 data, the total of wages and salaries in the statistical series on off-farm family income includes tax-exempt employment income earned on an Indian reserve. Starting in 2000, this change is also reflected in the off-farm operator income series.

T6040	Net commission income
	T139 commission income
T6050	Net fishing income
	T143 fishing income
T6060	Net off-farm self-employment income
T6070	Investment income – includes:
	T120 taxable amount of dividends
	T126 net rental income
	T121 interest and other investment income
	T122 net limited partnership income
T6080	Pension income – includes:
	T113 Old Age Security pension
	T114 CPP and QPP benefits
	T115 other pensions or superannuation
	T146 net federal supplements <sup>16</sup>
T6090	Other off-farm income – includes:
	T118 family allowance payments (applicable before 1993)
	T119 Employment Insurance benefits <sup>17</sup>
	T128 taxable amount of support payments received
	T130 other income
	T144 Workers' compensation benefits <sup>16</sup>
	T145 social assistance payments <sup>16</sup>
	TCHIL Canada Child Tax Benefit <sup>18</sup>
	FAQUE Quebec family allowance <sup>19</sup>
	FABC British Columbia family allowance <sup>20</sup>
	FABEN family allowance <sup>21</sup>
T6092	RRSP
	T129 registered retirement savings plan income <sup>22</sup>
T6095	Total other off-farm income
<b>T6105</b>	<b>Total off-farm income (excluding T6091 Taxable capital gains)</b>
T6091	Taxable capital gains
	T127 taxable capital gains
<b>T6100</b>	<b>Total off-farm income (including T6091 Taxable capital gains)</b>

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16. Applicable after 1991.

17. On July 1, 1996, the Unemployment Insurance program officially became known as the Employment Insurance program.

18. The Canada Child Tax Benefit (CCTB) program, which started in July 1998 in support of the National Child Benefit initiative, replaces the previous Child Tax Benefit (CTB) program. The CTB was introduced in January 1993, replacing a system of universal family allowances and child tax credits. These benefits were not included in the 1993 off-farm income estimates.

19. Applicable for the 1994 to 1996 reference years. These benefits were only included in the off-farm family income estimates.

20. Applicable for the 1996 reference year. These benefits were only included in the off-farm family income estimates.

21. Family allowances for Alberta, British Columbia, New Brunswick and Quebec are included under FABEN since 1997; provincial family allowances for Nova Scotia, Ontario and Saskatchewan, since 1998; and those for Newfoundland and Labrador, since 1999. Provincial family allowances are only included in the statistical series on off-farm family income.

22. Starting in 1999, only RRSP income of people aged 65 or older is included in the statistical series on off-farm family income. Starting in 2000, this change is also reflected in the off-farm operator income series.

## Appendix C Survey samples and methodologies

### Canadian Agricultural Income Stabilization and Taxation Data Program

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#### The sample

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The Canadian Agricultural Income Stabilization and Taxation Data Program (CAIS/TDP) samples unincorporated and incorporated taxfiler records annually to estimate a range of financial agricultural variables. Detailed income and expenses, and off-farm income of operators and farm families compose the variables produced by the CAIS/TDP. All of the standard variables and their codes are listed in [Table 2.1](#) (pages 10 and 11).

From 1987 to 1989, the CAIS/TDP sampled both sectors (incorporated and unincorporated) for all of the non-Prairie provinces. The unincorporated sector of the Prairie provinces was sampled in 1987. For the 1990 taxation year and all subsequent years, the sample includes both sectors in all of the provinces.

*For further information about the sample size of all surveys, refer to [Table C.1 WFDB - Provincial data availability and sample size by sector](#).*

#### The methodology

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CAIS/TDP data are compiled from two separate sources: the Self-Employment File for Agriculture (SEFA), from which a sample of unincorporated farm tax returns is randomly selected; and the CORTAX<sup>1</sup> (Corporation Tax Processing System) file, from which is selected a random sample of tax returns filed by incorporated operations classified as farms under the North American Industry Classification System (NAICS)<sup>2</sup> and that have sales exceeding \$25,000. In 2004, the sampling rates of the unincorporated sector varied from a complete census in Newfoundland and Labrador to about 29% in Quebec. In the incorporated sector, the sampling rates ranged from a complete census in the Atlantic provinces to about 39% in Ontario.

The source of data of the unincorporated sector is currently comprised of three different types of taxfiler returns: traditional printed forms, electronic forms (since 1992) and joint CAIS-CRA<sup>3</sup> tax returns (since 1997). Unincorporated farm data originating from printed forms are captured by CRA staff at several CRA regional taxation centres and forwarded to Statistics Canada in electronic format. CRA also supplies Statistics Canada with the electronically filed returns and data from the joint CAIS-CRA farming return throughout the year.

For the incorporated sector, Statistics Canada captured all of the financial data (i.e. detailed revenues, expenses, additions and disposals) from corporate farm taxation returns up to and including the 1999 data year. Starting with the 2000 taxation year, corporate farming data have been supplied electronically by CRA from a file termed General Index of Financial Information (GIFI).

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1. Prior to reference year 2001, the source for the incorporated operations was the CORPAC (corporate accounting and collections system) file.
  2. Prior to reference year 2001, operations were classified as farms under the Standard Industrial Classification (SIC).
  3. CAIS: Canadian Agricultural Income Stabilization  
CRA: Canada Revenue Agency

Data from all sources (unincorporated, incorporated) are subjected to a series of customized editing and imputation procedures designed and updated annually by Statistics Canada. Top contributors for each province are verified for accuracy for all income and expense variables. Raw data are eventually expanded by the sampling “weight” (adjusted by partnership share if applicable), and aggregated to arrive at final estimates designed to represent the entire farm taxfiler population.

More information on the sample and methodology of the CAIS/TDP is available in the publication listed in [Section 3.4](#) entitled **Statistics on Revenues and Expenses of Farms – Internet publication**.

**Note:** Since the 1993 taxation year, communal farming organizations have been in-scope for the Canadian Agricultural Income Stabilization and Taxation Data Program. A census of communal organizations that reported farming income on their T3 Trust Income Tax and Information Return is performed. Estimates with or without these organizations can be obtained upon request.

### **Canadian Agricultural Income Stabilization and Taxation Data Program – Off-farm income**

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There are three statistical series on off-farm income: farm operators operating incorporated or unincorporated agricultural holdings; farm operators operating single unincorporated agricultural holdings; and families operating single unincorporated agricultural holdings.

Items in total operator's off-farm income are estimated using the same approach as in the case of farm items except that the “weight” is not multiplied by the partnership share of the entity. However, the weight of entities involved in more than one farm is divided by the number of occurrences. These procedures also take into account corporations that do not provide the social insurance number of shareholders on their tax return. The calculated weighted off-farm income items are summed by domain to produce the total off-farm income items. These procedures take into account the possibility that the sampled records reporting farm income could include sales that should not be considered as agricultural sales.

The sample and methodology for estimates on off-farm family income differ somewhat from the rest of the CAIS/TDP because they are the result of a record linkage. CAIS/TDP tax records are linked with a family file to produce total estimates for farm families. The family file is created by the Small Area and Administrative Data Division (SAADD) within Statistics Canada. SAADD's family file (T1FF) combines individual taxation records in order to create groups modeled after *Census families*<sup>4</sup>.

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4. Census family refers to a married couple or a common-law couple with or without children at home; or a lone-parent of any marital status, with at least one child living at home. There is no restriction on the age of the children. Children must report a marital status other than “married” or “living common-law” and have no child living in the household. Previous to the 1998 data, children had to report “single” as their marital status. Starting with the 2000 data, same-sex couples are also included.

The CAIS/TDP target family population (for off-farm family income statistics) is designed to include only those families operating single unincorporated agricultural holdings (single-farm families). The CAIS/TDP family sample is in effect a subsample of the regular CAIS/TDP sample.

More information on the sample and methodology of the CAIS/TDP off-farm family estimates is available in the publication listed in [Section 3.3](#) entitled **Statistics on Income of Farm Families – Internet publication**.

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## National Farm Survey

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### The sample

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The National Farm Survey (NFS) was conducted annually until the 1992 reference year and covered all the provinces. The three main types of agricultural variables targeted were: cropland areas, livestock inventories, and certain financial components. All of the NFS variables that are recommended by the WFDB for the suggested formats are listed in [Table 2.1](#) (page 12). For the 1988-1992 reference years, a sample of over 40,000 farms was used. Further information on data availability can be obtained from the Agriculture Division of Statistics Canada

### The methodology

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Two types of sampling frames were used: a list frame and an area frame. The country was divided into three main geographical regions: the Canadian Wheat Board region (CWB), Ontario and Quebec, and the Maritimes (along with the part of British Columbia not included in the CWB). All farms that registered annual agricultural sales of \$250 or more were included in the survey. The area frame is made up of geographic regions and allows us to include agricultural holdings that did not exist at the time of the last Census.

The data collection process began with detailed questionnaires requesting information on the size and use of farm land, detailed livestock inventories, and selected financial variables. These questionnaires then went through an extensive edit process which involved imputations for partial respondents. Sampling weights were adjusted for non-respondents and then assigned to the “usable” questionnaires to produce estimates.

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## June Crops Survey

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### The sample

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The June Crops Survey (JCS) is one of a series of annual probability surveys conducted for the main field crops in Canada in order to collect and disseminate data on seeding intentions, acreage seeded and harvested, yields, production and inventories.

In 2004, a sample of approximately 31,000 farms was drawn. This survey includes the acreage that growers seeded with field crops at the end of the 2003-2004 crop-year. All of the JCS variables that are recommended by the WFDB for the suggested formats are listed in [Table 2.1](#) (page 13).

## The methodology

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Every five years, the Census of Agriculture gathers information on agricultural holdings throughout Canada, including institutional farms, community pastures, Indian reserves, etc. The Census of Agriculture provides a list of the farms and their productive acreage, and it is on the basis of this list that a probability sample for the June Crops Survey is selected.

Only the “list”-type frame is used for the June Crops Survey since 1996<sup>5</sup>. In 1998, this list represented all agricultural holdings in Canada as enumerated in the Census of Agriculture, except for institutional farms, community pastures, farms on Indian reserves and farms in the territories. Prior to 1998, Newfoundland and Labrador was excluded from the frame. This frame is stratified into homogeneous groups according to census characteristics (for example: farm size, productive acreage and farm type) and also according to provincial geographic boundaries.

The data collection process is undertaken through the system of “Computer-Assisted Telephone Interviews” (CATI). With the CATI system, edit procedures can be carried out during the interview itself, thus lessening the need for telephone follow-up and reducing the respondent burden. No imputation is carried out for missing data. Theoretical weighting factors are adjusted through a process called weighting factor adjustment in cases of partial or total non-response.

**Note:** The June Crops Survey data loaded on the WFDB are survey indicators and may differ from the estimates released by the Crops Section. The estimates in the WFDB have not been adjusted to take into account administrative data and to reflect the results of the 1996 and 2001 Census of Agriculture.

## July Livestock Survey

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### The sample

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The July Livestock Survey (JLS) is a probability survey conducted each year. The farms surveyed are asked to report all animals within the agricultural holding, regardless of ownership.

In 2004, a sample was drawn of approximately 19,600 farms. Data were collected by means of the “Computer-Assisted Telephone Interviews” (CATI) system. All of the WFDB suggested formats for these data are listed in [Table 2.1](#) (page 13).

### The methodology

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Every five years, through the Census of Agriculture, information is gathered on all farms in Canada. Census farms include all agricultural holdings whose output is intended for sale, including feedlots, institutional farms, farms on Indian reserves, community pasture reserves, etc.

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5. The Area Frame Survey was conducted for the last time in 1995.

Only the “list”-type frame is used for the July Livestock Survey since 1996<sup>6</sup>. In 1998, this list represented all farms identified in the most recent Census, except for institutional farms, community pastures, farms on Indian reserves and farms in the territories. In 1993 and 1994, Newfoundland and Labrador was excluded from the frame.

The data collection process is conducted by CATI. With the CATI system, edit procedures can be carried out during the interview itself, thus lessening the need for telephone follow-up and reducing the respondent burden. Farmers must report their inventories as of July 1. The questionnaires are put through numerous edit and imputation procedures before the final estimates are produced.

**Note:** Total estimates on cattle and calves, pigs, and sheep and lambs inventory that were obtained from the July Livestock Survey and that are part of the WFDB have been adjusted to take into account administrative data and to reflect the results of the 1996 and 2001 Census of Agriculture.

## Farm Financial Survey

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### The sample

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Prior to 1992, the Farm Financial Survey (FFS) was known as the Farm Credit Corporation (FCC) survey. The FCC survey was conducted in 1981, 1984, 1988 and 1990 (gathering data for 1980, 1983, 1987 and 1989). In 1992, the FFS collected detailed financial information from approximately 12,000 farms across Canada. In 1993, due to budget constraints, the sample was reduced to include only the Prairie Provinces and British Columbia.

Between 1994 and 2002, this survey was conducted on a biennial basis. In 2003, the FFS became an annual survey with a sample of approximately 18,000 farms. While the relatively small sample size may constrain some disaggregations, it is capable of providing reliable financial agricultural information. All of the WFDB suggested formats for these data are listed in [Table 2.1](#) (pages 14 and 15).

### The methodology

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The Farm Financial Survey uses only a list frame since 1996<sup>6</sup> to estimate detailed financial variables. In past survey occasions, fiscal farms were added to the frame. Since FFS 2004, however, fiscal farms were not added. Instead, farms contacted by the 2003 Farm Update Survey (FUS) were the main source of additional farms. Completed survey questionnaires are subjected to several edit and imputation procedures before the actual estimates are finalized.

More information on the sample and methodology of the Farm Financial Survey is available in the publication *Farm Financial Survey* (refer to [Section 3.5](#) entitled **Farm Financial Survey (FFS) – Internet publication**).

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6. The Area Frame Survey was conducted for the last time in 1995.

More detailed information on the methodology of the Canadian Agricultural Income Stabilization and Taxation Data Program, the National Farm Survey, the June Crops Survey, the July Livestock Survey and the Farm Financial Survey is available from [Agriculture Division](#) of Statistics Canada.

**Table C.1 WFDB – Provincial data availability and sample size by sector (standard output format)**

Reference Year	Variables	Availability	Sample size <sup>7</sup> usable records		
			Unincorporated sector (T1)	Incorporated sector (T2)	Total
<b>Canadian Agricultural Income Stabilization and Taxation Data Program</b>			<b>Number of tax records</b>		
1987	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces except Prairies	36,301	4,384	40,685
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces except Prairies	34,628	...	34,628
1988 <sup>9</sup>	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces except Prairies	25,210	4,592	29,802
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces except Prairies	24,338	...	24,338
1989 <sup>9</sup>	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces except Prairies	26,033	4,583	30,616
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces except Prairies	25,034	...	25,034
	Farm family off-farm income	All provinces except Prairies	21,691	...	21,691
1990	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces	39,542	9,223	48,765
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	37,294	...	37,294
	Farm family off-farm income	All provinces	31,726	...	31,726
1991	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces	48,616	9,862	58,478
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	45,964	...	45,964
	Farm family off-farm income	All provinces	39,079	...	39,079
1992	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces	49,826	9,553	59,379
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	46,780	...	46,780
	Farm family off-farm income	All provinces	40,286	...	40,286
1993	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces	56,069	9,309	65,378 <sup>10</sup>
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	52,725	...	52,725
	Operator off-farm income	All provinces	56,069	12,090	68,815
	Farm family off-farm income	All provinces	44,911	...	44,911
1994	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces	53,810	10,640	64,450 <sup>10</sup>
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	50,164	...	50,164
	Operator off-farm income	All provinces	53,810	14,246	68,056
	Farm family off-farm income	All provinces	42,620	...	42,620
1995	<b>Revenues &amp; expenses and Additions &amp; disposals</b>	All provinces	90,547 <sup>11</sup>	11,669	102,216 <sup>10</sup>
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	86,439	...	86,439
	Operator off-farm income	All provinces	90,547	15,644	106,191
	Farm family off-farm income	All provinces	68,177	...	68,177
1996	<b>Revenues &amp; expenses and Additions &amp; disposals</b> <sup>12</sup>	All provinces	110,404	11,453	121,857 <sup>10</sup>
	Operator off-farm income (T1 only) <sup>8</sup>	All provinces	104,925	...	104,925
	Operator off-farm income	All provinces	110,404	15,399	125,803
	Farm family off-farm income	All provinces	81,929	...	81,929

7. Number of usable records with operating revenues equal to or greater than \$10,000.

8. Off-farm income for operators involved in a single farm operation – unincorporated sector only.

9. Data for 1988 and 1989 are not available for the BC Peace River Region.

10. Excludes communal organizations.

11. Expanded coverage of electronic tax filers begins with the 1995 data.

12. From 1996 to 1999, Additions and disposals cover only T2 and T3.

**Table C.1 WFDB – Provincial data availability and sample size by sector (standard output format) – continued**

Reference year	Variables	Availability	Sample size <sup>13</sup> usable records		
			Unincorporated sector (T1)	Incorporated sector (T2)	Total
<b>Canadian Agricultural Income Stabilization and Taxation Data Program – concluded</b>					
<b>Number of tax records</b>					
1997	<b>Revenues &amp; expenses and Additions &amp; disposals</b> <sup>14</sup>	All provinces	114,351	11,782	126,133 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	109,608	...	109,608
	Operator off-farm income	All provinces	114,351	15,665	130,016
	Farm family off-farm income	All provinces	84,053	...	84,053
1998	<b>Revenues &amp; expenses and Additions &amp; disposals</b> <sup>14</sup>	All provinces	129,449	8,800	138,249 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	123,965	...	123,965
	Operator off-farm income	All provinces	129,449	11,185	140,634
	Farm family off-farm income	All provinces	93,450	...	93,450
1999	<b>Revenues &amp; expenses and Additions &amp; disposals</b> <sup>14</sup>	All provinces	127,695	10,764	138,459 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	122,132	...	122,132
	Operator off-farm income	All provinces	127,695	14,322	142,017
	Farm family off-farm income	All provinces	91,569	...	91,569
2000	<b>Revenues &amp; expenses</b>	All provinces	132,824	9,984	142,808 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	127,076	...	127,076
	Operator off-farm income	All provinces	132,824	15,263	148,087
	Farm family off-farm income	All provinces	94,539	...	94,539
2001	<b>Revenues &amp; expenses</b>	All provinces	141,767	11,634	153,401 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	135,599	...	135,599
	Operator off-farm income	All provinces	141,767	19,973	161,740
	Farm family off-farm income	All provinces	99,266	...	99,266
2002	<b>Revenues &amp; expenses</b>	All provinces	142,263	12,979	155,242 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	136,083	...	136,083
	Operator off-farm income	All provinces	142,263	23,125	165,388
	Farm family off-farm income	All provinces	99,304	...	99,304
2003	<b>Revenues &amp; expenses</b>	All provinces	133,253	13,234	146,487 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	126,718	...	126,718
	Operator off-farm income	All provinces	133,253	23,847	157,100
	Farm family off-farm income	All provinces	92,662	...	92,662
2004	<b>Revenues &amp; expenses</b>	All provinces	133,569	13,445	147,014 <sup>15</sup>
	Operator off-farm income (T1 only) <sup>16</sup>	All provinces	126,998	...	126,998
	Operator off-farm income	All provinces	133,569	24,462	158,031
	Farm family off-farm income	All provinces	..	...	..

13. Number of usable records with operating revenues equal to or greater than \$10,000.

14. From 1996 to 1999. Additions and disposals cover only T2 and T3.

15. Excludes communal organizations.

16. Off-farm income for operators involved in a single farm operation – unincorporated sector only.

**Table C.1 WFDB – Provincial data availability and sample size by sector (standard output format) – continued**

Reference year	Variables	Availability	Sample size <sup>17</sup> usable records		Total
			Unincorporated sector	Incorporated sector	
<b>Number of farms</b>					
<b>June Crops Survey</b>					
1993	Cropland acreages	All except Newfoundland and Labrador	18,523	2,156	20,679
1994	Cropland acreages	All except Newfoundland and Labrador	19,676	2,246	21,922
1995	Cropland acreages	All except Newfoundland and Labrador	18,863	2,228	21,091
1996	Cropland acreages	All except Newfoundland and Labrador	21,259	2,435	23,694
1997	Cropland acreages	All except Newfoundland and Labrador	19,440	2,211	21,651
1998	Cropland acreages	All provinces	20,679	2,038	22,717
1999	Cropland acreages	All provinces	20,997	2,373	23,370
2000	Cropland acreages	All provinces	19,722	2,401	22,123
2001	Cropland acreages	All provinces	19,487	2,838	22,325
2002	Cropland acreages	All provinces	16,981	2,871	19,852
2003	Cropland acreages	All provinces	18,570	3,618	22,188
2004	Cropland acreages	All provinces	18,498	3,918	22,416
<b>July Livestock Survey</b>					
1993	Livestock inventories	All except Newfoundland and Labrador	19,588	2,772	22,360
1994	Livestock inventories	All except Newfoundland and Labrador	20,082	2,700	22,782
1995	Livestock inventories	All provinces	18,942	2,646	21,588
1996	Livestock inventories	All provinces	18,488	2,619	21,107
1997	Livestock inventories	All provinces	16,561	2,380	18,941
1998	Livestock inventories	All provinces	18,792	2,389	21,181
1999	Livestock inventories	All provinces	18,807	2,644	21,451
2000	Livestock inventories	All provinces	18,288	2,660	20,948
2001	Livestock inventories	All provinces	17,968	2,985	20,953
2002	Livestock inventories	All provinces	16,982	3,210	20,192
2003	Livestock inventories	All provinces	18,347	4,171	22,518
2004	Livestock inventories	All provinces	13,002	3,268	16,270

17. Number of usable records with operating revenues equal to or greater than \$10,000.

**Table C.1 WFDB – Provincial data availability and sample size by sector (standard output format) – concluded**

Reference year	Variables	Availability	Sample size <sup>18</sup> usable records		Total
			Unincorporated sector	Incorporated sector	
<b>Number of farms</b>					
<b>Farm Financial Survey</b>					
1987	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	4,133	1,148	5,281
1989	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	4,082	1,247	5,329
1991	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	6,018	1,455	7,473
1992	Assets & liabilities Capital investments & sales Long-term capital borrowed	Prairie provinces and B.C.	3,836	584	4,420
1993	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	6,795	1,214	8,009
1995	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	6,038	1,394	7,432
1997	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	10,364	3,210	13,574
1999	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	9,919	3,539	13,458
2001	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	9,674	3,557	13,231
2002	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	9,492	3,724	13,216
2003	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	10,902	4,521	15,423
2004	Assets & liabilities Capital investments & sales Long-term capital borrowed	All provinces	8,897	3,908	12,805

18. Number of usable records with operating revenues equal to or greater than \$10,000.

## Appendix D Description of NAICS codes

### Descriptions

The codes and titles of the classes of NAICS Canada are shown with a detailed description of the activities of which, each is comprised. The class description is followed by a few important exclusions that identify activities classified elsewhere in NAICS, with the code to which the activity is classified. Finally, a list of example activities that belong to the class is presented.

### 11 Agriculture, forestry, fishing and hunting

This sector comprises establishments primarily engaged in growing crops, raising animals, harvesting timber, harvesting fish and other animals from their natural habitats and providing related support activities.

Establishments primarily engaged in agricultural research or that supply veterinary services are not included in this sector.

#### 111 Crop production

This subsector comprises establishments, such as farms, orchards, groves, greenhouses and nurseries, primarily engaged in growing crops, plants, vines, trees and their seeds (excluding those engaged in forestry operations). Industries have been created taking into account input factors, such as suitable land, climatic conditions, type of equipment, and the amount and type of labour required. The production process is typically completed when the raw product or commodity grown reaches the "farm gate" for market, that is, at the point of first sale or price determination. An establishment is classified to a NAICS industry or a national level industry within this subsector provided that fifty percent or more of the establishment's agricultural production consists of the crops of the industry. Establishments with fifty percent or more in crop production and with no one product or family of products of an industry accounting for fifty percent of the production are treated as combination crop farms and classified to 11199, All other crop farming, except for establishments with fifty percent or more in the production of oilseeds and grains, which are classified to 11119, Other grain farming.

#### 1111 Oilseed and grain farming

This industry group comprises establishments primarily engaged in growing oilseeds and grains. Establishments primarily engaged in producing seeds are classified in the appropriate crop industry.

##### 11111 Soybean farming

This industry comprises establishments primarily engaged in growing soybeans.

Example activities: Soya bean farming; soybeans (soya beans), growing

##### 111110 Soybean farming

See industry description for 11111, above.

##### 11112 Oilseed (except soybean) farming

This industry comprises establishments primarily engaged in growing fibrous plants that produce oilseeds.

Example activities: Canola (rapeseed) farming; Linseed (flaxseed), growing; Mustard seed farming; Sunflower farming

##### 111120 Oilseed (except soybean) farming<sup>US</sup>

See industry description for 11112, above.

**11113 Dry pea and bean farming**

This industry comprises establishments primarily engaged in growing dry peas, beans and lentils.

Exclusion(s): Establishments primarily engaged in:

- growing fresh green beans and peas (11121, Vegetable and melon farming).

Example activities: Dry field beans, growing; Dry field peas, growing; Faba beans, growing; Lentils farming, dry; Pulses, dry, growing

**111130 Dry pea and bean farming<sup>US</sup>**

See industry description for 11113, above.

**11114 Wheat farming**

This industry comprises establishments primarily engaged in growing wheat.

Example activities: Durum wheat, growing; Wheat farming

**111140 Wheat farming**

See industry description for 11114, above.

**11115 Corn farming**

This industry comprises establishments primarily engaged in growing corn.

Exclusion(s): Establishments primarily engaged in:

- growing sweet corn (11121, Vegetable and melon farming).

Example activities: Corn for grain, growing; Corn for popping, growing

**111150 Corn farming<sup>US</sup>**

See industry description for 11115, above.

**11116 Rice farming**

This industry comprises establishments primarily engaged in growing rice, except wild rice.

Exclusion(s): Establishments primarily engaged in:

- growing wild rice (11119, Other grain farming).

Example activities: Rice (except wild rice) farming

**111160 Rice farming**

See industry description for 11116, above.

**11119 Other grain farming**

This industry comprises establishments, not classified to any other industry, primarily engaged in growing grains. Farms primarily engaged in growing a combination of oilseeds and grains are also included.

Exclusion(s): Establishments primarily engaged in:

- growing wheat (11114, Wheat Farming);
- growing corn, except sweet corn (11115, Corn farming);
- growing rice, except wild rice (11116, Rice farming); and
- growing sweet corn (11121, Vegetable and melon farming).

Example activities: Barley farming; Buckwheat farming; Canary seed farming; Millet, growing; Oat farming; Oilseed and grain farming, combination; Rye, growing; Wild rice, farming

**111190 Other grain farming<sup>CAN</sup>**

See industry description for 11119, above.

**1112 Vegetable and melon farming**

See industry description for 11121, below.

**11121 Vegetable and melon farming**

This industry comprises establishments primarily engaged in growing vegetables and melons. Establishments primarily engaged in producing vegetable and melon seeds and vegetable and melon bedding plants are also included in this industry.

Exclusion(s): Establishments primarily engaged in:

- growing corn, except sweet corn (11115, Corn farming); and
- growing vegetables and melons under glass or protective cover (11141, Food crops grown under cover).

**111211 Potato farming<sup>US</sup>**

This Canadian industry comprises establishments primarily engaged in growing potatoes and seed potatoes, except sweet potatoes.

Exclusion(s): Establishments primarily engaged in:

- growing sweet potatoes, cassava and yams (111219, Other vegetable (except potato) and melon farming).

Example activities: Potato farming (except sweet and yams); Seed potatoes, growing

**111219 Other vegetable (except potato) and melon farming<sup>US</sup>**

This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in growing vegetables and melons. Establishments primarily engaged in producing vegetable and melon seeds, except seed potatoes, and vegetable and melon bedding plants are also included in this industry.

Example activities: Market gardening; Melon farming; Sweet corn farming; Sweet potato farming; Vegetable bedding plants, growing of; Vegetable crops, growing; Vegetable seed growing; Yam farming

**1113 Fruit and tree nut farming**

This industry group comprises establishments primarily engaged in growing fruit and nuts.

**11131 Orange groves**

This industry comprises establishments primarily engaged in growing oranges.

Example activities: Orange groves and farms

**111310 Orange groves**

See industry description for 11131, above.

**11132 Citrus (except orange) groves**

This industry comprises establishments primarily engaged in growing citrus fruit, except oranges.

Example activities: Lemon groves and farms

**111320 Citrus (except orange) groves<sup>US</sup>**

See industry description for 11132, above.

**11133 Non-citrus fruit and tree nut farming**

This industry comprises establishments primarily engaged in growing tree nuts and non-citrus fruit.

Exclusion(s): Establishments primarily engaged in:

- harvesting berries and nuts from native and non-cultivated plants (11321, Forest nurseries and gathering of forest products).

Example activities: Apple orchards; Berry farming; Cranberry bogs; Strawberries, growing; Tree nut groves and farms; Vineyards

**111330 Non-citrus fruit and tree nut farming<sup>CAN</sup>**

See industry description for 11133, above.

**1114 Greenhouse, nursery and floriculture production**

This industry group comprises establishments primarily engaged in growing crops of any kind under cover, growing nursery crops and growing flowers. "Under cover" includes in greenhouses, cold frames, cloth houses, and lath houses. The crops grown are removed at various stages of maturity.

**11141 Food crops grown under cover**

This industry comprises establishments primarily engaged in growing food crops under glass or protective cover.

Exclusion(s): Establishments primarily engaged in:

- growing vegetable and melon bedding plants, not under protective cover (11121, Vegetable and melon farming).

**111411 Mushroom production<sup>US</sup>**

This Canadian industry comprises establishments primarily engaged in growing mushrooms under cover.

Example activities: Mushroom cellars; Mushroom farming

**111419 Other food crops grown under cover<sup>US</sup>**

This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in growing food crops under glass or protective cover.

Example activities: Food crops (except mushrooms), grown under cover; Greenhouse tomatoes, growing; Herb farming, grown under cover; Hydroponics crops, grown under cover; Market gardening, greenhouse; Seaweed grown under cover; Vegetable farming, grown under cover

**11142 Nursery and floriculture production**

This industry comprises establishments primarily engaged in growing, under cover or in open fields, nursery and floriculture products, such as nursery stock, shrubbery, cut flowers, flower seeds, potted flowering and foliage plants, flower bedding plants, ornamental plants, or some combination of these, and propagating materials, for example, plugs, cuttings, and tissue cultures. The growing of short rotation woody crops, such as cut Christmas trees and cottonwoods for pulpwood, which have a typical growth cycle of ten years or less, are also included in this industry.

Exclusion(s): Establishments primarily engaged in:

- growing vegetable and melon bedding plants (11121, Vegetable and melon farming);
- the operation of timber tracts that have a growth cycle of greater than ten years (11311, Timber tract

- operations);
- growing seedling trees for reforestation (11321, Forest nurseries and gathering of forest products); and
- retailing nursery, tree stock and floriculture products primarily purchased from others (44422, Nursery stores and garden centres).

### **111421 Nursery and tree production<sup>US</sup>**

This Canadian industry comprises establishments primarily engaged in growing, under cover or in open fields, nursery products and trees, and short rotation woody crops, for pulp and tree stock, that have a typical growth cycle of ten years or less.

Exclusion(s): Establishments primarily engaged in:

- the operation of timber tracts that have a growth cycle of greater than ten years (113110, Timber tract operations); and
- retailing nursery, tree stock, and floriculture products primarily purchased from others (444220, Nursery stores and garden centres).

Example activities: Bedding plants, nursery grown; Christmas tree farming; Fruit trees, nursery stock, growing; Nursery (tree and plant); Nursery stock, growing of; Ornamental shrubs, nursery grown; Rose bushes, growing; Turf (sod) farming

### **111422 Floriculture production<sup>US</sup>**

This Canadian industry comprises establishments primarily engaged in growing, under cover or in open fields, floriculture products and propagating materials.

Exclusion(s): Establishments primarily engaged in:

- retailing floriculture products primarily purchased from others (444220, Nursery stores and garden centres).

Example activities: Flower bulb growing, greenhouse; Flower growing, greenhouse; Flower nursery; Flower seed production

### **1119 Other crop farming**

This industry group comprises establishments, not classified to any other industry group, primarily engaged in growing crops, such as tobacco, peanuts, sugarbeets, cotton, sugar-cane, hay, agave, herbs and spices, mint, hops, and hay and grass seeds. Combination crop farming and the gathering of maple sap are included in this industry group.

#### **11191 Tobacco farming**

This industry comprises establishments primarily engaged in growing tobacco.

Example activities: Tobacco farming

#### **111910 Tobacco farming**

See industry description for 11191, above.

#### **11192 Cotton farming**

This industry comprises establishments primarily engaged in growing cotton.

Example activities: Cotton farming

#### **111920 Cotton farming**

See industry description for 11192, above.

**11193 Sugar-cane farming**

This industry comprises establishments primarily engaged in growing sugar-cane.

Example activities: Sugar-cane farming

**111930 Sugar-cane farming**

See industry description for 11193, above.

**11194 Hay farming**

This industry comprises establishments primarily engaged in growing hay, grasses and mixed hay.

Exclusion(s): Establishments primarily engaged in:

- growing grain hay or forage/silage production (1111, Oilseed and grain farming); and
- growing grass and hay seeds (11199, All other crop farming).

Example activities: Alfalfa hay farming; Clover hay farming; Forage crops (except corn for grain), farming;  
Hay farming

**111940 Hay farming<sup>US</sup>**

See industry description for 11194, above.

**11199 All other crop farming**

This industry comprises establishments, not classified to any other industry, primarily engaged in growing crops, such as peanuts, sugarbeets, agave, hay and grass seeds, herbs and spices, mint, hops and algae, and gathering tea and maple sap. Establishments primarily engaged in general crop farming or combination crop farming, such as combination fruit and vegetable farming, are also included in this industry.

Exclusion(s): Establishments primarily engaged in:

- growing wheat, corn, rice, soybeans, and other grains and oilseeds (1111, Oilseed and grain farming);
- growing a combination of oilseeds and grains (11119, Other grain farming);
- growing vegetables and melons (11121, Vegetable and melon farming);
- growing tree nuts and fruit (11113, Fruit and tree nut farming);
- growing greenhouse, nursery and floriculture products (11114, Greenhouse, nursery and floriculture production);
- growing tobacco (11191, Tobacco farming);
- growing cotton (11192, Cotton farming);
- growing sugar-cane (11193, Sugar-cane farming); and
- growing hay (11194, Hay farming).

**111993 Fruit and vegetable combination farming<sup>CAN</sup>**

This Canadian industry comprises establishments primarily engaged in growing a combination of fruit and vegetables.

Example activities: Fruit and vegetable farming, combination; Small fruit and vegetable farming, combination;  
Tree fruit and vegetable farming, combination

**111999 All other miscellaneous crop farming<sup>CAN</sup>**

This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in growing crops and gathering maple sap. Establishments primarily engaged in general crop farming or combination crop farming (except combination fruit and vegetable farming), are also included in this Canadian industry.

Example activities: Crop and livestock combination farm (primarily crop); Crop farms, general; Field crop combination farm (except grain and oil seeds); Ginseng farming, except greenhouse grown; Grass seed farming; Hop, growing; Maple sap, gathering of; Maple sugar bush, operating; Maple syrup and products, production; Mint farming, except greenhouse grown; Peanut farming; Sugar beet farming,

## 112 Animal production

This subsector comprises establishments, such as ranches, farms and feedlots, primarily engaged in raising animals, producing animal products and fattening animals. Industries have been created taking into account input factors such as suitable grazing or pasture land, specialized buildings, type of equipment, and the amount and type of labour required. An establishment is classified to a NAICS industry or a national level industry within this subsector provided that fifty percent or more of the establishment's agricultural production consists of the products of that industry. Establishments with fifty percent or more in animal production and with no one product or family of products of an industry accounting for fifty percent of the production are treated as combination animal farms and classified to 11299, All Other Animal Production.

### 1121 Cattle ranching and farming

This industry group comprises establishments primarily engaged in raising, milking and fattening cattle.

#### 11211 Beef cattle ranching and farming, including feedlots

This industry comprises establishments primarily engaged in raising and fattening cattle. The raising of cattle for dairy herd replacements is also included in this industry.

Exclusion(s): Establishments primarily engaged in:

- milking dairy cattle (11212, Dairy cattle and milk production).

Example activities: Beef cattle feedlots; Beef cattle ranching; Dairy heifer replacement production

#### 112110 Beef cattle ranching and farming, including feedlots<sup>CAN</sup>

See industry description for 11211, above.

#### 11212 Dairy cattle and milk production

This industry comprises establishments primarily engaged in milking dairy cattle.

Exclusion(s): Establishments primarily engaged in:

- raising, feeding or fattening cattle (11211, Beef cattle ranching and farming, including feedlots);
- raising dairy herd replacements (11211, Beef cattle ranching and farming, including feedlots); and
- milking goats (11242, Goat farming).

Example activities: Dairy cows and milk, producing; Dairy farming; Milk, fluid, raw, producing

#### 112120 Dairy cattle and milk production

See industry description for 11212, above.

### 1122 Hog and pig farming

See industry description for 11221, below.

#### 11221 Hog and pig farming

This industry comprises establishments primarily engaged in raising hogs and pigs.

Example activities: Boar raising, domestic; Farrow to finish hog farm; Hog feedlot; Hog raising; Pig farming; Swine farrow to finish (farming); Weanling (feeder) pigs, raising

**112210 Hog and pig farming<sup>US</sup>**

See industry description for 11221, above.

**1123 Poultry and egg production**

This industry group comprises establishments primarily engaged in breeding, hatching and raising poultry for meat or egg production.

**11231 Chicken egg production**

This industry comprises establishments primarily engaged in raising chickens for the production of eggs, including hatching eggs.

Example activities: Egg farms, chicken

**112310 Chicken egg production<sup>US</sup>**

See industry description for 11231, above.

**11232 Broiler and other meat-type chicken production**

This industry comprises establishments primarily engaged in raising chickens for the production of meat.

Example activities: Broiler chicken farming; Fryer chickens, raising

**112320 Broiler and other meat-type chicken production**

See industry description for 11232, above.

**11233 Turkey production**

This industry comprises establishments primarily engaged in raising turkeys.

Example activities: Turkey egg production; Turkey farming

**112330 Turkey production**

See industry description for 11233, above.

**11234 Poultry hatcheries**

This industry comprises establishments primarily engaged in hatching poultry of any kind.

Exclusion(s): Establishments primarily engaged in:

- raising aviary birds, such as parakeets, canaries and love birds (11299, All other animal production).

Example activities: Chick hatchery service; Poultry hatchery

**112340 Poultry hatcheries**

See industry description for 11234, above.

**11239 Other poultry production**

This industry comprises establishments, not classified to any other industry, primarily engaged in raising poultry such as ducks, geese, pheasant, quail, ostriches and emus. Establishments primarily engaged in raising a combination of poultry for meat or egg production, classified in other industries with no one predominating, are also included in this industry.

**112391 Combination poultry and egg production<sup>CAN</sup>**

This Canadian industry comprises establishments primarily engaged in raising any combination of poultry for meat or egg production, classified in other industries with no one predominating.

Exclusion(s): Establishments primarily engaged in:

- raising chickens for egg production (112310, Chicken egg production);
- raising broilers and other meat-type chickens (112320, Broiler and other meat-type chicken production);
- raising turkeys (112330, Turkey production);
- hatching poultry of any kind (112340, Poultry hatcheries);
- raising all other poultry (112399, All other poultry production); and
- raising aviary birds, such as parakeets, canaries and love birds (112999, All other miscellaneous animal production).

Example activities: Poultry and egg farm; Poultry combination farming

**112399 All other poultry production<sup>CAN</sup>**

This Canadian industry comprises establishments, not classified to any other industry, primarily engaged in raising poultry such as ducks, geese, pheasant, quail, ostriches and emus.

Exclusion(s): Establishments primarily engaged in:

- raising chickens for egg production (112310, Chicken egg production);
- raising broilers and other meat-type chickens (112320, Broiler and other meat-type chicken production);
- raising turkeys (112330, Turkey production);
- hatching poultry of any kind (112340, Poultry hatcheries);
- combination poultry and egg production (112391, Combination poultry and egg production); and
- raising aviary birds, such as parakeets, canaries and love birds (112999, All other miscellaneous animal production).

Example activities: Duck farming; Egg farms, poultry (except chicken and turkey); Geese farming, Guinea fowl, raising; Pheasant farming; Quail farming; Squab farming

**1124 Sheep and goat farming**

This industry group comprises establishments primarily engaged in raising sheep and goats, and feeding or fattening lambs.

**11241 Sheep farming**

This industry comprises establishments primarily engaged in raising sheep and lambs, and feeding or fattening lambs.

Example activities: Feedlots, lamb; Lamb raising; Sheep farming; Wool production, farming

**112410 Sheep farming<sup>US</sup>**

See industry description for 11241, above.

**11242 Goat farming**

This industry comprises establishments primarily engaged in raising goats.

Example activities: Goat farming; Milk production, goat farm; Mohair farming

**112420 Goat farming**

See industry description for 11242, above.

## 1125 Animal aquaculture

See industry description for 11251, below.

### 11251 Animal aquaculture

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.

Exclusion(s): Establishments primarily engaged in:

- catching or taking fish and other aquatic animals from their natural habitats (11411, Fishing).

Example activities: Cultured pearl production; Finfish hatcheries; Fingerlings (hatchery fish), raising, fisheries service; Fish farming; Frog production, farm raising; Shellfish, farming

### 112510 Animal aquaculture<sup>CAN</sup>

See industry description for 11251, above.

## 1129 Other animal production

This industry group comprises establishments, not classified to any other industry group, primarily engaged in raising animals, such as bees, horses and other equines, rabbits and other fur-bearing animals, llamas, deer, worms, crickets, laboratory animals and companion animals, for example dogs, cats, pet birds and other pets. The production of animal products, such as honey and other bee products, are also included. Establishments primarily engaged in raising a combination of animals, classified in other industries with no one predominating, are also included in this industry group.

### 11291 Apiculture

This industry comprises establishments primarily engaged in raising bees, collecting and gathering honey, and performing other apiculture activities.

Example activities: Beekeeping; Honey and beeswax production

### 112910 Apiculture

See industry description for 11291, above.

### 11292 Horse and other equine production

This industry comprises establishments primarily engaged in raising horses, mules, donkeys and other equines.

Exclusion(s): Establishments primarily engaged in:

- boarding horses (11521, Support activities for animal production).

Example activities: Equines, raising; Horse ranching; Mule production; Pregnant mares' urine (pmu), producing

### 112920 Horse and other equine production

See industry description for 11292, above.

### 11293 Fur-bearing animal and rabbit production

This industry comprises establishments primarily engaged in raising fur-bearing animals, including rabbits.

Exclusion(s): Establishments primarily engaged in:

- trapping or hunting wild fur-bearing animals (11421, Hunting and trapping).

Example activities: Chinchilla production; Fur bearing animal production; Fur-bearing animal skins (ranch raised), undressed, producing; Rabbit raising

**112930 Fur-bearing animal and rabbit production**

See industry description for 11293, above.

**11299 All other animal production**

This industry comprises establishments, not classified to any other industry, primarily engaged in raising animals, such as llamas, bison, wild boar, deer, elk, worms, crickets, laboratory animals and companion animals, for example dogs, cats, pet birds and other pets. Establishments primarily engaged in raising a combination of animals, classified in other industries with no one predominating, are also included in this industry.

Exclusion(s): Establishments primarily engaged in:

- raising cattle (1121, Cattle ranching and farming);
- raising hogs and pigs (11221, Hog and pig farming);
- raising poultry (1123, Poultry and egg production);
- raising sheep and goats (1124, Sheep and goat farming);
- raising aquatic animals (11251, Animal aquaculture);
- raising bees (11291, Apiculture);
- raising horses and other equines (11292, Horse and other equine production); and
- raising fur-bearing animals, including rabbits (11293, Fur-bearing animal and rabbit production).

**112991 Animal combination farming<sup>CAN</sup>**

This Canadian industry comprises establishments primarily engaged in raising a combination of animals, classified in other industries with no one predominating.

Example activities: Combination livestock farming; Crop and livestock farming combination (primarily livestock); Livestock and animal specialty farms, general; Livestock combination farm

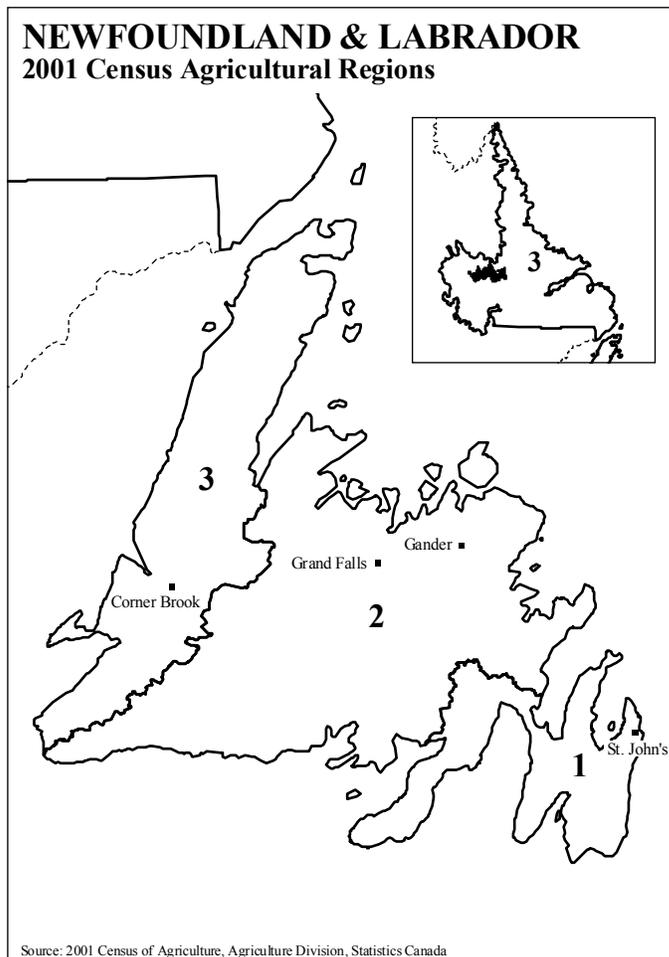
**112999 All other miscellaneous animal production<sup>CAN</sup>**

This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in raising animals.

Example activities: Aviaries (e.g., raising parakeet, canary, and love birds); Laboratory animal production (e.g., rats, mice, and guinea pigs); Pet animal, raising; Wild boar, raising; Worm production

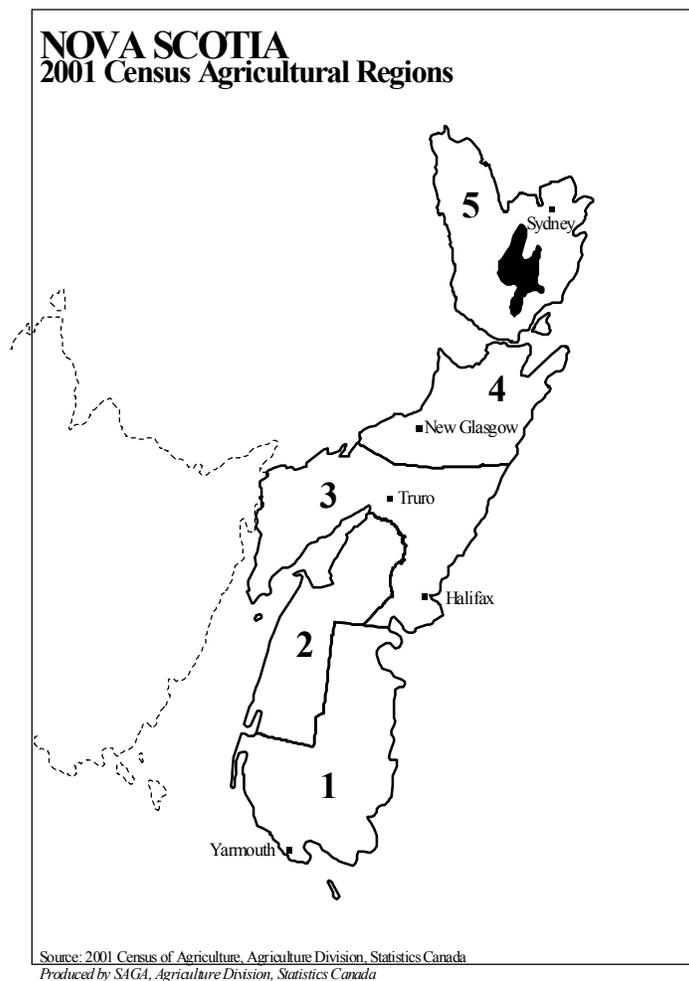
**Source:** This information was obtained from the publication *North American Industry Classification System – NAICS Canada* (Catalogue No. 12-501-XPE).

## Appendix E Census maps



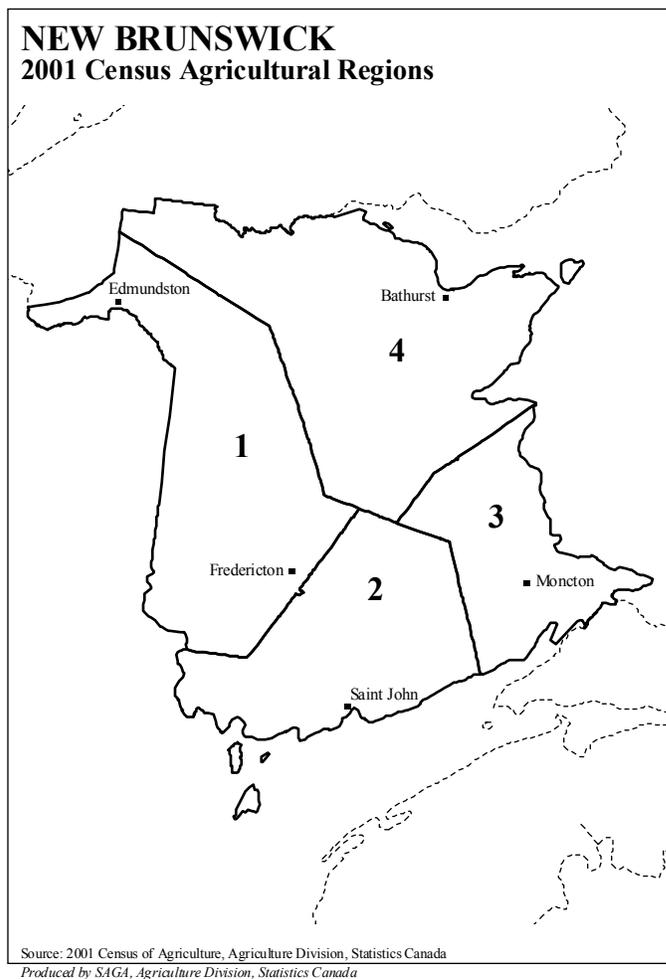
### Newfoundland & Labrador

- 1. Census Agricultural Region 1
- 2. Census Agricultural Region 2
- 3. Census Agricultural Region 3



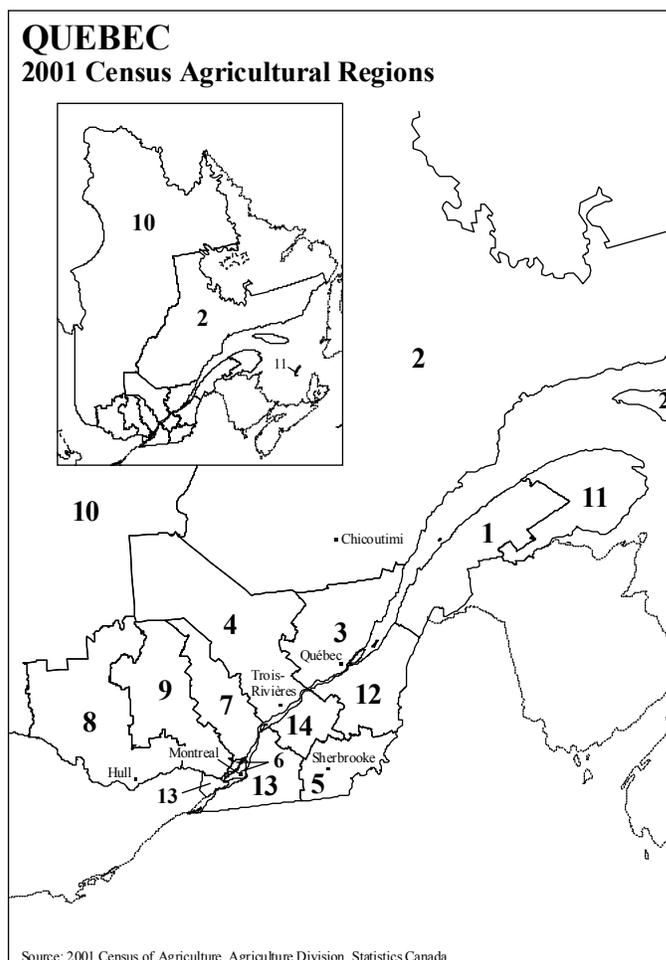
**Nova Scotia**

- 1. Census Agricultural Region 1
- 2. Census Agricultural Region 2
- 3. Census Agricultural Region 3
- 4. Census Agricultural Region 4
- 5. Census Agricultural Region 5



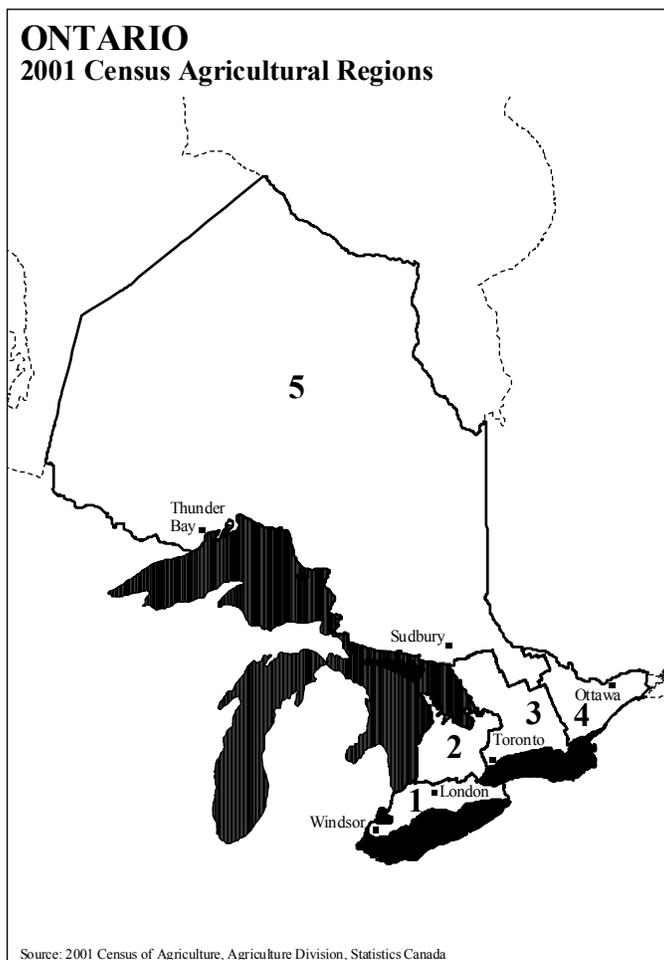
**New Brunswick**

- 1. Census Agricultural Region 1
- 2. Census Agricultural Region 2
- 3. Census Agricultural Region 3
- 4. Census Agricultural Region 4



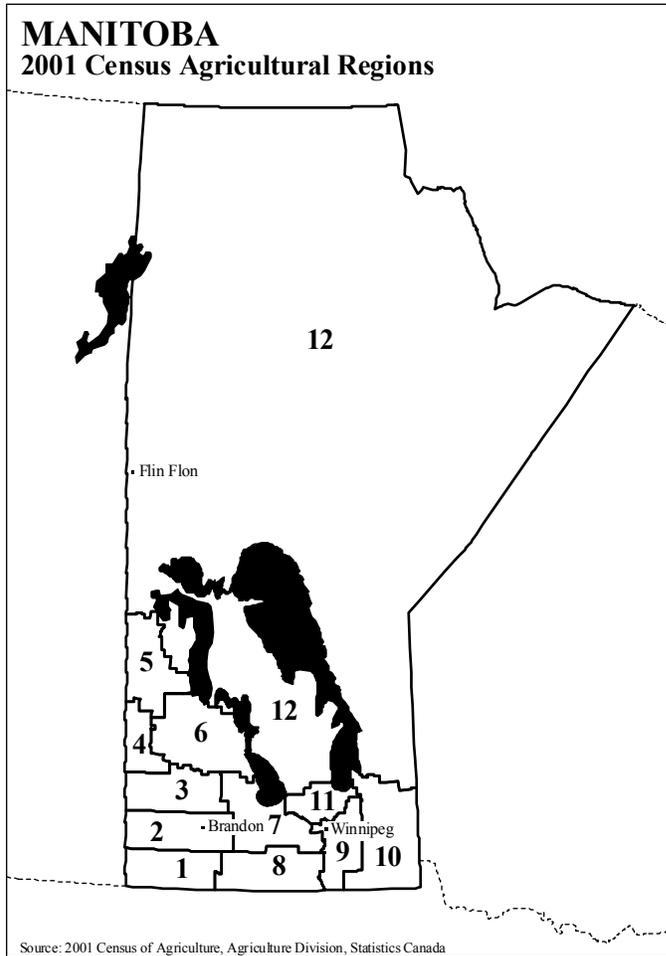
**Quebec**

1. Bas-Saint-Laurent
2. Saguenay, Lac-Saint-Jean, Côte-Nord
3. Québec
4. Mauricie
5. Estrie
6. Montréal, Laval
7. Lanaudière
8. Outaouais
9. Laurentides
10. Abitibi-Témiscamingue, Nord-du-Québec
11. Gaspésie, Îles-de-la-Madeleine
12. Chaudière, Appalaches
13. Montérégie
14. Centre-du-Québec



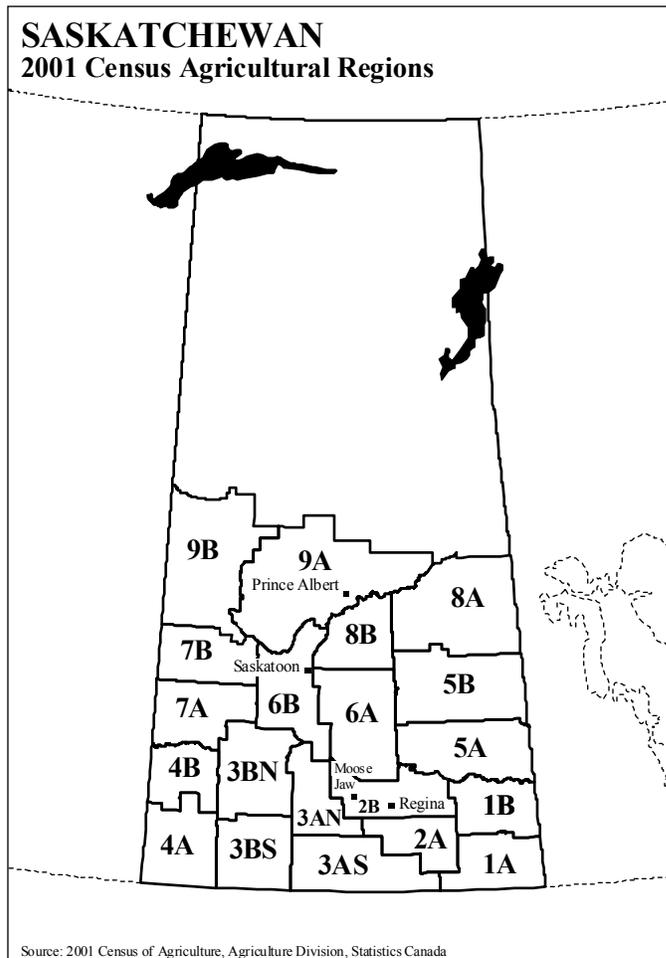
**Ontario**

- 1. Southern Ontario Region
- 2. Western Ontario Region
- 3. Central Ontario Region
- 4. Eastern Ontario Region
- 5. Northern Ontario Region



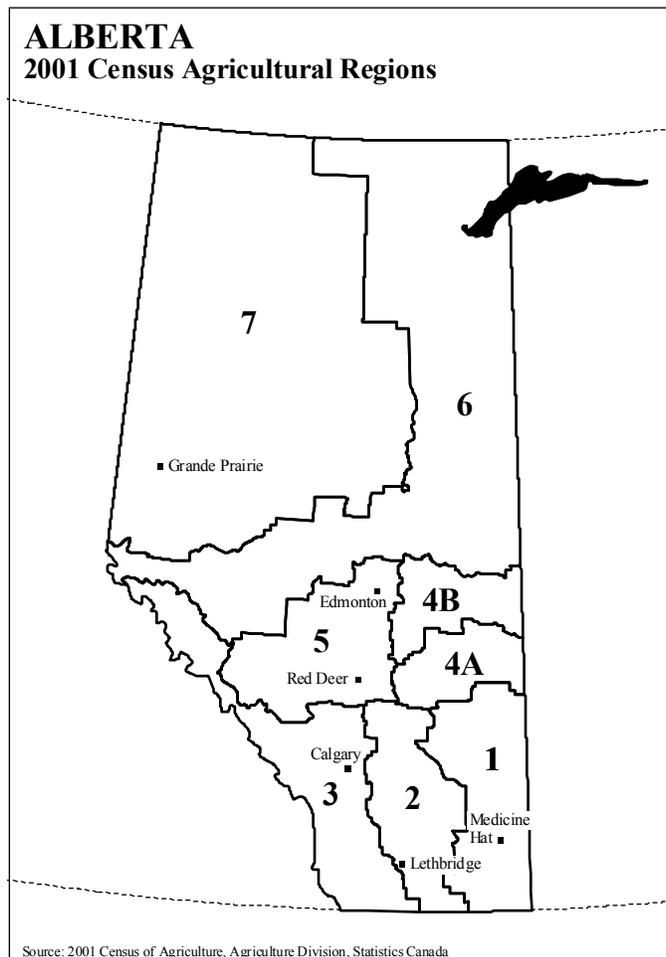
**Manitoba**

- 1. Census Agricultural Region 1
- 2. Census Agricultural Region 2
- 3. Census Agricultural Region 3
- 4. Census Agricultural Region 4
- 5. Census Agricultural Region 5
- 6. Census Agricultural Region 6
- 7. Census Agricultural Region 7
- 8. Census Agricultural Region 8
- 9. Census Agricultural Region 9
- 10. Census Agricultural Region 10
- 11. Census Agricultural Region 11
- 12. Census Agricultural Region 12



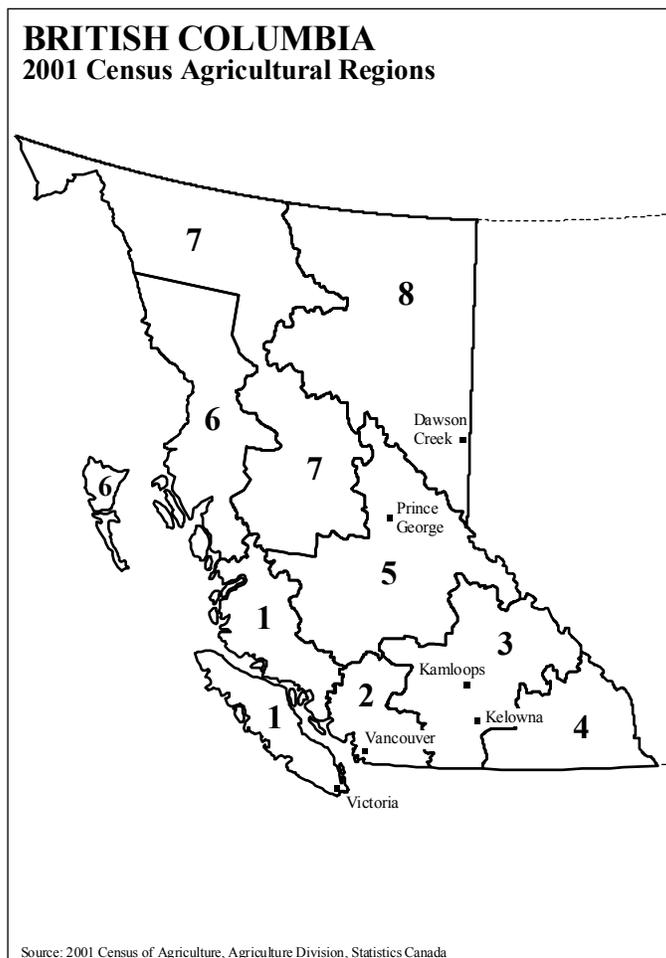
### Saskatchewan

- |      |                                |     |                               |
|------|--------------------------------|-----|-------------------------------|
| 1A.  | Census Agricultural Region 1A  | 5A. | Census Agricultural Region 5A |
| 1B.  | Census Agricultural Region 1B  | 5B. | Census Agricultural Region 5B |
| 2A.  | Census Agricultural Region 2A  | 6A. | Census Agricultural Region 6A |
| 2B.  | Census Agricultural Region 2B  | 6B. | Census Agricultural Region 6B |
| 3AN. | Census Agricultural Region 3AN | 7A. | Census Agricultural Region 7A |
| 3AS. | Census Agricultural Region 3AS | 7B. | Census Agricultural Region 7B |
| 3BN. | Census Agricultural Region 3BN | 8A. | Census Agricultural Region 8A |
| 3BS. | Census Agricultural Region 3BS | 8B. | Census Agricultural Region 8B |
| 4A.  | Census Agricultural Region 4A  | 9A. | Census Agricultural Region 9A |
| 4B.  | Census Agricultural Region 4B  | 9B. | Census Agricultural Region 9B |



**Alberta**

- 1. Census Agricultural Region 1
- 2. Census Agricultural Region 2
- 3. Census Agricultural Region 3
- 4A. Census Agricultural Region 4A
- 4B. Census Agricultural Region 4B
- 5. Census Agricultural Region 5
- 6. Census Agricultural Region 6
- 7. Census Agricultural Region 7

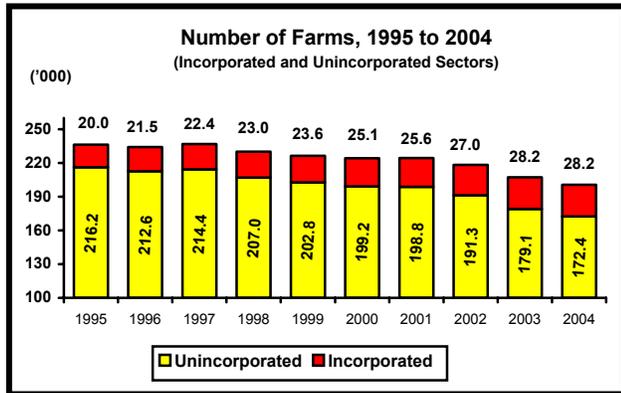


**British Columbia**

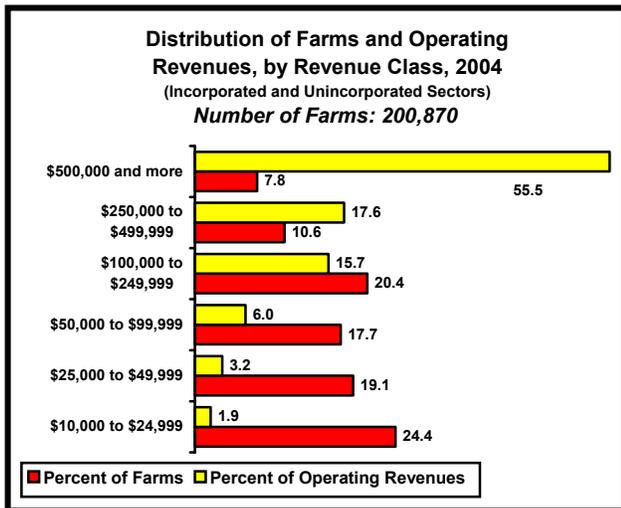
- 1. Vancouver Island, Coast Region
- 2. Lower Mainland, Southwest Region
- 3. Thompson, Okanagan Region
- 4. Kootenay Region
- 5. Cariboo Region
- 6. North Coast Region
- 7. Nechako Region
- 8. Peace River Region

# Appendix F Agricultural quick facts – Canada

*from the Whole Farm Data Base\**



Source: WFDB, CAIS/TDP



Source: WFDB, CAIS/TDP

**\*Whole Farm Data Base (WFDB)**

Integrating into one base the agricultural data, which are available from administrative and survey sources, is the essence of the WFDB. It offers users access to a wider than ever range of disaggregated physical and financial data at the farm level.

There are several major data sources currently offered in the WFDB: the *Canadian Agricultural Income Stabilization and Taxation Data Program (CAIS/TDP)*, the *Farm Financial Survey (FFS)*, the *June Crops Survey (JCS)* and the *July Livestock Survey (JLS)*. Please refer to the WFDB Reference Manual (appendix C) for a summary of the sampling and methodology for each of these data sources.

The WFDB is the product of a joint venture by Agriculture and Agri-Food Canada and Statistics Canada.

**Estimates presented in the Agricultural quick facts cover farms with gross operating revenues of \$10,000 or more. Incorporated farms with agricultural sales below \$25,000 are excluded from the CAIS/TDP.**

**Total Operating Revenues, by Revenue Class, 2004**  
Incorporated and Unincorporated Sectors

Number of Farms	C.V.	Total Operating Revenues (\$’000)	C.V.	Average per Farm (\$)	C.V.
<b>All Farms</b>					
200,870	a	42,219,707	a	210,184	a
<b>\$500,000 and more</b>					
15,750	a	23,433,194	a	1,487,822	a
<b>\$250,000 to \$499,999</b>					
21,375	a	7,427,840	a	347,501	a
<b>\$100,000 to \$249,999</b>					
40,960	a	6,634,558	a	161,977	a
<b>\$50,000 to \$99,999</b>					
35,530	a	2,550,087	a	71,773	a
<b>\$25,000 to \$49,999</b>					
38,315	a	1,370,855	a	35,779	a
<b>\$10,000 to \$24,999</b>					
48,940	a	804,805	a	16,445	a

Source: WFDB, CAIS/TDP

**Off-Farm Income and Net Operating Income of Operators, by Farm Type, Unincorporated Sector, 2004**

Number of Operators	C.V.	Off-Farm Income <sup>1</sup> (\$’000)	C.V.	Number Of Farms	C.V.	Net Operating Income (Loss) (\$’000)
<b>All Farms</b>						
212,115	a	5,969,330	a	166,135	a	2,661,858
<b>Oilseed and grain farming</b>						
78,895	a	2,379,731	a	65,930	a	1,144,452
<b>Beef cattle ranching and farming</b>						
63,480	a	1,821,677	a	51,745	a	403,901
<b>Dairy cattle and milk production</b>						
16,875	a	113,638	a	10,025	a	636,700
<b>Fruit and tree nut farming</b>						
5,710	a	182,469	a	3,790	a	47,020
<b>Hog and pig farming</b>						
4,820	a	71,484	b	3,255	a	127,852
<b>Poultry and egg production</b>						
3,105	a	57,934	b	2,035	a	101,485
<b>Greenhouse, nursery and floriculture</b>						
3,310	b	80,469	b	2,310	b	41,121
<b>Vegetable and melon farming</b>						
2,700	b	51,861	c	1,855	b	30,987
<b>Potato farming</b>						
1,080	b	22,796	c	815	c	21,813
<b>Other crop production</b>						
18,345	a	555,387	a	14,180	a	141,652

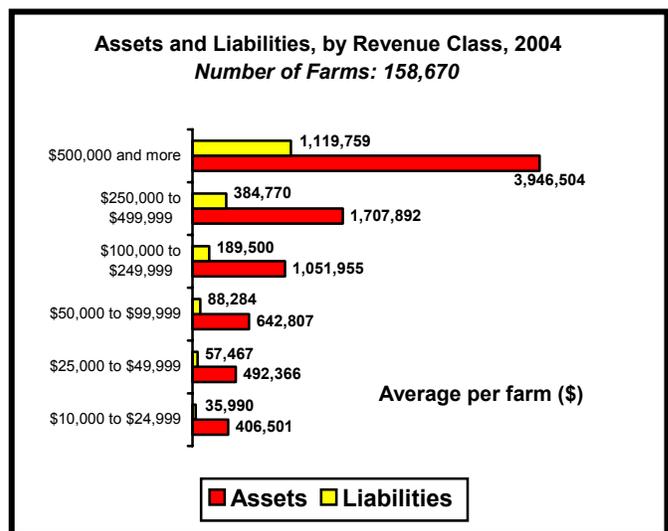
<sup>1</sup> Excluding taxable capital gains.  
Source: WFDB, CAIS/TDP

Each estimate released through the WFDB is assigned a coefficient of variation (C.V.) to measure its quality. The following rating system is suggested:

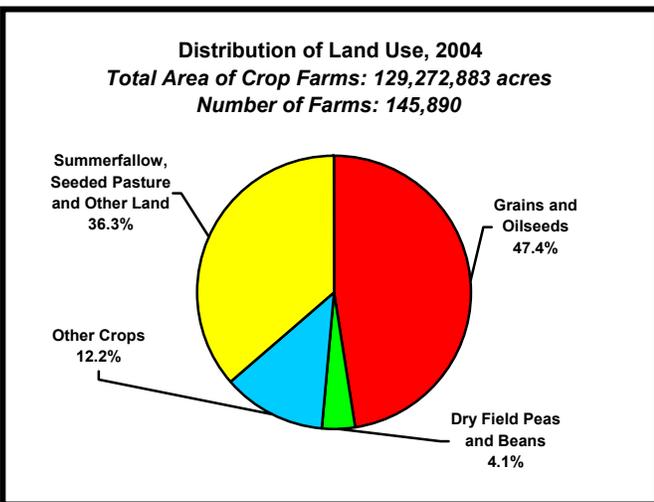
Letter	C.V.	Rating
a	0.01% - 4.99%	excellent
b	5.0% - 9.99%	very good
c	10.0% - 14.99%	good
d	15.0% - 24.99%	acceptable
e	25.0% - 34.99%	use with caution
f	>=35.00%	too unreliable to be published

Off-Farm Income and Net Operating Income of Farm Families, by Farm Type, Unincorporated Sector, 2003						
Number of Families	C.V.	Off-Farm Income <sup>1</sup> (\$'000)	C.V.	Number of Farms	C.V.	Net Operating Income (\$'000)
<b>All Farms</b>						
135,490	a	7,767,736	a	134,360	a	2,095,072
<b>Oilseed and grain farming</b>						
47,940	a	2,906,658	a	47,980	a	921,928
<b>Beef cattle ranching and farming</b>						
43,480	a	2,476,942	a	44,060	a	189,631
<b>Dairy cattle and milk production</b>						
10,280	a	277,551	a	9,190	a	588,675
<b>Fruit and tree nut</b>						
3,500	a	241,705	b	3,240	a	40,437
<b>Hog and pig farming</b>						
2,900	a	120,612	b	2,830	a	84,807
<b>Poultry and egg production</b>						
1,800	a	90,243	b	1,870	a	74,174
<b>Greenhouse, nursery and floriculture</b>						
2,090	b	115,042	c	2,010	b	37,274
<b>Vegetable and melon farming</b>						
1,820	b	81,752	b	1,750	b	34,894
<b>Potato farming</b>						
920	b	50,028	c	840	c	28,722
<b>Other crop production</b>						
12,180	a	727,774	a	12,120	a	98,807

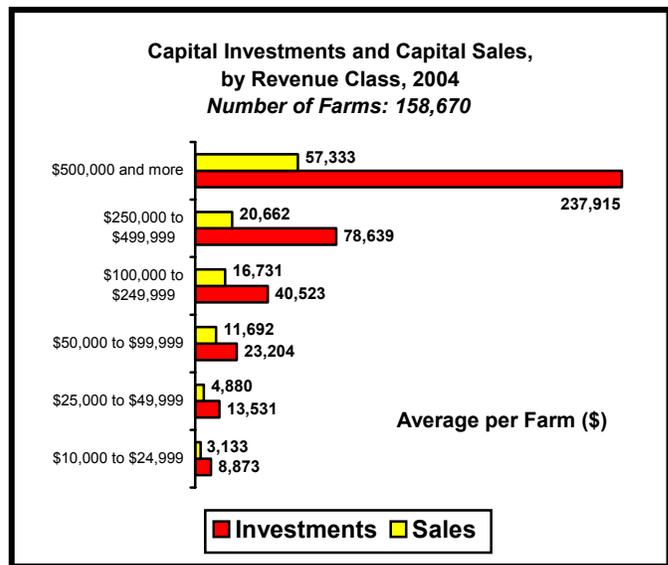
<sup>1</sup> Excluding taxable capital gains.  
Source: WFDB, CAIS/TDP



Source: WFDB, Farm Financial Survey



Source: WFDB, June Crops Survey



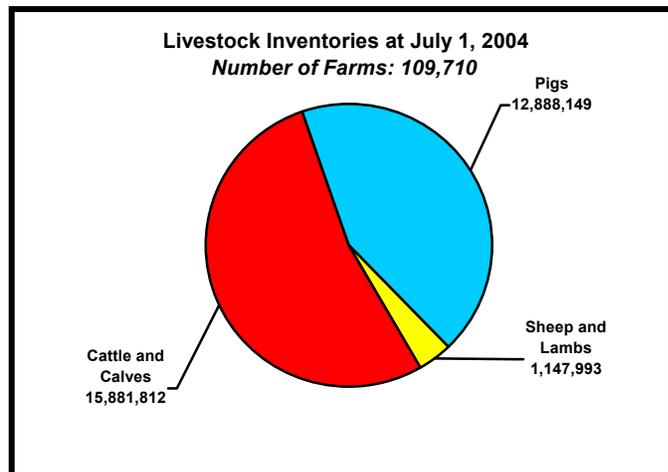
Source: WFDB, Farm Financial Survey

Warning: The size and design of the sample, the variability of the characteristic of interest in the population, and the estimation method all affect data quality.

WFDB customized products are available. Costs vary depending on the size and the complexity of the requests. The minimum cost for a request is \$75.

For more information about the WFDB, please contact the Agriculture Division of Statistics Canada:

E-mail: [agriculture@statcan.ca](mailto:agriculture@statcan.ca)  
 Toll-free: 1 800 465-1991  
 Local call: (613) 951-5027  
 Local fax: (613) 951-3868



Source: WFDB, July Livestock Survey



# June 2004 Farm Survey

## Manitoba, Saskatchewan, Alberta and British Columbia (Peace)



**CONFIDENTIAL when completed**  
 This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, c. S-19. Completion of this questionnaire is a legal requirement under the Statistics Act.

The purpose of this survey is to obtain information on the crops you have seeded or intend to seed this year as well as hay and pasture land.

Statistics Canada is prohibited by law from publishing any statistics which would divulge information obtained from this survey that relates to any identifiable business, institution or individual without the previous written consent of that business, institution or individual. The data reported on this questionnaire will be treated in confidence, used for statistical purposes and published in aggregate form only. The confidentiality provisions of the Statistics Act are not affected by either the Access to Information Act or any other Legislation.

Review the information on the label. If any information is incorrect or missing, please make the necessary corrections in the boxes below.

FRM				
	Farm Name (if applicable)	Area Code		
NA 1				
	Surname or Family Name	Telephone		
	Usual First Name and Initial			
ADR				
	R.R.	Box No.	Number and Street Name	
	Postal Code	Post Office (name of city, town or village where mail is received)		
EML				
	E-mail Address (if applicable)			
NA 3				
	Partner's Name (if applicable)	Telephone		
NA 4				
	Partner's Name (if applicable)	Telephone		
COR				
	Corporation Name (if applicable)			

**SECTION A**

**FALL RYE AND WINTER WHEAT**

The following questions deal with ALL LAND OPERATED.

● **Include:** - Land rented from other operations, cropland, woodland, wasteland, pasture land, summerfallow and crown or public land used for agricultural purposes.

● **Exclude:** - Land rented to other operations, community pastures, co-operative grazing associations or grazing reserves.

1. Did you seed any Fall Rye or Winter Wheat in the fall of 2003?

Yes  095

No  095  (GO TO SECTION B.)

2. Which crop(s) did you seed?

Fall Rye

Winter Wheat

(GO TO THE NEXT QUESTION.)

3. What area of Fall Rye or Winter Wheat did you seed?

(in the fall of 2003)

Crop	Code	Seeded area	UOM	
			ac	ha
a) Fall Rye	112	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
b) Winter Wheat	106	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2

(GO TO THE NEXT QUESTION.)

4. What area of Fall Rye or Winter Wheat is remaining to be harvested as grain?

Crop	Code	Remaining to harvest area	UOM	
			ac	ha
a) Fall Rye	212	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
b) Winter Wheat	206	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2

(GO TO SECTION B.)

FOR INFORMATION ONLY

**SECTION B SEEDED AREAS**

1. Did you or will you seed any crops in 2004?

Yes

No   (GO TO SECTION C.)

2. In the table below, indicate what is or will be your seeded area.

Crop	Code	Seeded area	UOM	
			ac	ha
a. Barley	209	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
b. Borage Seed	273	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
c. Dry Coloured Beans	236	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
d. Dry White Beans (Navy, Pea Beans)	229	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
e. Buckwheat	226	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
f. Canary Seed	234	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
g. Canola or Rapeseed	215	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
h. Caraway Seed	271	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
i. Chickpeas	274	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
j. Coriander Seed	272	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
k. Corn for Grain (include seed corn but exclude sweet corn)	216	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
l. Fababeans	235	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
m. Flaxseed	214	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
n. Fodder Corn	217	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
o. Lentils - SMALL GREEN	038	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
p. Lentils - LARGE GREEN	036	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
q. Lentils - OTHER AND UNKNOWN	040	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
r. Linola (solin)	238	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
s. Mixed Grains (two or more grains sown together)	213	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
t. Mustard Seed - BROWN	254	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
u. Mustard Seed - ORIENTAL	253	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
v. Mustard Seed - YELLOW	251	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
w. Mustard Seed - OTHER AND UNKNOWN	240	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
x. Oats	208	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
y. Potatoes	218	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
z. Dry Field Peas - GREEN	044	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
aa. Dry Field Peas - YELLOW	042	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ab. Dry Field Peas - OTHER AND UNKNOWN	046	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ac. Spring Rye	210	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ad. Safflower	239	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ae. Soybeans	228	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
af. Sugar Beets	232	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ag. Sunflower Seeds (include Sunola & other dwarf varieties)	230	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ah. Triticale	248	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ai. Canadian Western Extra Strong Wheat (utility)	244	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
aj. Durum Wheat	204	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ak. Hard Red Spring Wheat	252	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
al. Red Prairie Spring Wheat (semi-dwarf varieties)	275	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
am. White Prairie Spring Wheat (include semi-dwarf varieties but exclude Soft White Spring Wheat)	278	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
an. Soft White Spring Wheat (exclude White Prairie Spring Wheat)	207	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ao. Other Spring Wheat (unlicensed varieties, including Grandin Wheat)	287	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
ap. Other Field Crops (list in comments)	225	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2
aq. Total seeded area (sum of 2a to 2ap)		<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2

(GO TO THE NEXT QUESTION.)

4. Of your total area to be seeded to field crops this spring, what percentage have you seeded at this time?

Code	%
100	<input checked="" type="radio"/>

**SECTION C TAME HAY AND FORAGE SEED**

- **Alfalfa and Alfalfa mixtures**  
 Include: Alfalfa and Alfalfa mixed with varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.  
 Exclude: All forage crop area harvested or to be harvested for commercial seed purposes, crops harvested or that will be harvested green to be used to feed animals and under-seeded areas.
- **Other Tame Hay**  
 Include: Varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.  
 Exclude: Alfalfa and Alfalfa mixtures, all forage crop area harvested or to be harvested for commercial seed purposes and crops harvested or that will be harvested green to be used to feed animals.
- **Forage Seed**  
 Include: All forage crop area harvested or to be harvested for seed purposes such as alfalfa and alfalfa mixtures, varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.  
 Exclude: Forage crops harvested or to be harvested for hay or to be used for pasture.

1. Will you have any Tame Hay or Forage Seed in 2004?

Yes  200  No  200  (GO TO SECTION D.)

2. Which crop(s) will you have?

Alfalfa and Alfalfa mixtures (GO TO QUESTION 3.)
  Other Tame Hay (GO TO QUESTION 4.)
  Forage Seed (GO TO QUESTION 5.)

**ALFALFA AND ALFALFA MIXTURES**

3. What will be your total area of Alfalfa and Alfalfa mixtures? (Exclude under-seeded areas.)

Crop	Code	Total area	UOM	
Alfalfa and Alfalfa mixtures	249	<input checked="" type="radio"/>	<input checked="" type="radio"/> ac	<input type="radio"/> ha

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO QUESTION 6.)

**OTHER TAME HAY**

4. What will be your total area of all Other Tame Hay? (Exclude under-seeded areas.)

Crop	Code	Total area	UOM	
Other Tame Hay	256	<input checked="" type="radio"/>	<input checked="" type="radio"/> ac	<input type="radio"/> ha

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO QUESTION 6.)

**FORAGE SEED**

5. What will be your total area of Forage Seed? (Exclude under-seeded areas.)

Crop	Code	Total area	UOM	
Forage Seed	247	<input checked="" type="radio"/>	<input checked="" type="radio"/> ac	<input type="radio"/> ha

(GO TO THE NEXT QUESTION.)

6. Total Tame Hay and Forage Seed areas (sum of C3 to C5)	<input checked="" type="radio"/>	UOM	
		<input checked="" type="radio"/> ac	<input type="radio"/> ha

(GO TO SECTION D.)

**SECTION D LAND BALANCE**

● **Summerfallow:**  
 Land on which no crop will be grown during the year, but which may be cultivated or worked for weed control and/or moisture conservation, or it may simply be left to lay fallow in order to renew the soil.

**Include:** - Winterkilled land: winterkilled area from crops sown in the previous fall, which will not be reseeded or pastured to another crop;  
 - Fall crop area ploughed under but not reseeded;  
 - Idle land: improved land which was cropped, pastured or used for agricultural purposes last year, but is not being cropped this year.

● **Improved Land for pasture or grazing:**  
 All land which is being used for pasture or grazing land and which has undergone some improvements in recent years such as cultivation, drainage, irrigation, fertilization, seeding or spraying for brush and weed control.

**Exclude:** - Areas to be harvested as dry hay, silage or forage seed;  
 - Community pastures, co-operative grazing associations or grazing reserves.

If a field is used the same year for harvesting Tame Hay and as a pasture, count it only once as a Tame Hay field.

● **Unimproved Land for pasture or grazing:**  
 Native or grazing pasture, native hay, rangeland, grazable bush used for the grazing or feeding of livestock.

**Exclude:** - Community pastures, co-operative grazing associations or grazing reserves.

● **Other Land:**

- Area of farmstead: farm buildings, farmyard, home garden and roads;
- New broken land: land which has been cleared and prepared for cultivation but will not be cropped;
- Wasteland, woodland, cut-over land, slough, swamp, marshland and irrigation ditches;
- Fruits and vegetables, mushrooms, maple trees, Christmas trees and sod.

**What is your total area of Summerfallow, Improved Land for pasture or grazing, Unimproved Land for pasture or grazing and Other Land in 2004?**

Land Use	Code	Total area	UOM	
			ac	ha
1. Summerfallow	219		1	2
2. Improved Land for pasture or grazing	222		1	2
3. Unimproved Land for pasture or grazing	237		1	2
4. Other Land	241		1	2
5. Total Land Balance (sum of D1 to D4)			1	2

(GO TO SECTION E.)

**SECTION E TOTAL LAND AREA**

**What will be the Total Land Area in 2004?**

Land Use	Code	Total area	UOM	
			ac	ha
1. Total Land Area			1	2
2. Sum of sections A4 + B2aq + C6 + D5	201		1	2
3. Difference between E1 and E2 (E1-E2) If the difference is substantial, please explain in comments.			1	2

(GO TO SECTION F.)





# June 2004 Farm Survey

## Quebec, Ontario and British Columbia (Non-Peace)



**CONFIDENTIAL when completed**

This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, c. S-19. Completion of this questionnaire is a legal requirement under the Statistics Act.

The purpose of this survey is to obtain information on the crops you have seeded or intend to seed this year as well as hay and pasture land.

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Review the information on the label. If any information is incorrect or missing, please make the necessary corrections in the boxes below.

FRM				
	Farm Name (if applicable)	Area Code		
NA 1				
	Surname or Family Name	Telephone		
	Usual First Name and Initial			
ADR				
	R.R.	Box No.	Number and Street Name	
	Postal Code	Post Office (name of city, town or village where mail is received)		
EML				
	E-mail Address (if applicable)			
NA 3				
	Partner's Name (if applicable)	Telephone		
NA 4				
	Partner's Name (if applicable)	Telephone		
COR				
	Corporation Name (if applicable)			

**SECTION A**

**FALL RYE AND WINTER WHEAT**

The following questions deal with ALL LAND OPERATED.

● Include: - Land rented from other operations, cropland, woodland, wasteland, pasture land and crown or public land used for agricultural purposes.

● Exclude: - Land rented to other operations, community pastures, co-operative grazing associations or grazing reserves.

1. Did you seed any Fall Rye or Winter Wheat in the fall of 2003?

Yes  No  (GO TO SECTION B.)

2. Which crop(s) did you seed?

Fall Rye  Winter Wheat

(GO TO THE NEXT QUESTION.)

3. What area of Fall Rye or Winter Wheat did you seed?

(in the fall of 2003)

Crop	Code	Seeded area	UOM		
			ac	ha	arp
a) Fall Rye	112	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>
b) Winter Wheat	106	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>

(GO TO THE NEXT QUESTION.)

4. What area of Fall Rye or Winter Wheat is remaining to be harvested as grain?

Crop	Code	Remaining to harvest area	UOM		
			ac	ha	arp
a) Fall Rye	212	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>
b) Winter Wheat	206	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>
(If Quebec respondents, go to Question 5. Else, go to Section B.)					

(GO TO SECTION B.)

**QUEBEC**

Quebec respondents only

5. What percentage of your Winter Wheat remaining to be harvested as grain, is intended for human consumption?

Code	%
097	<input type="text"/>

**SECTION B SEEDED AREAS**

1. Did you or will you seed any crops in 2004?

Yes   No   (GO TO SECTION C.)

2. In the table below, indicate what is or will be your seeded area.

Crop	Code	Seeded area	UOM		
			ac	ha	arp
a. Barley (include Winter Barley seeded in the fall of 2003)	209	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
b. Dry Coloured Beans	236	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
c. Dry White Beans - Narrow Rows (8-26 inches wide)	242	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
d. Dry White Beans - Standard Rows (27-30 inches wide)	205	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
e. Buckwheat	226	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
f. Canola or Rapeseed (include Winter Canola seeded in the fall of 2003)	215	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
g. Corn for Grain (include seed corn but exclude sweet corn)	216	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
(Go to Question 5.)					
h. Fodder Corn	217	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
i. Mixed Grains (two or more grains sown together)	213	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
j. Oats	208	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
k. Potatoes	218	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
l. Spring Rye	210	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
m. Soybeans	228	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
(Go to Question 6.)					
n. Spring Wheat	203	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
(If Quebec respondent, go to Question 4. Else, go to the next chosen crop. If this is the last crop, go to Question 3.)					
o. Sugar Beets	232	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
p. Tobacco	227	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
q. Other Field Crops (list in comments)	225	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
r. Total seeded area (sum of 2a to 2q)		<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3

(GO TO THE NEXT QUESTION)

3. Of the total area to be seeded to field crops this spring, what percentage have you seeded at this time?

Code	%
100	<input type="radio"/>

(GO TO SECTION C.)

**QUEBEC**

Quebec respondents only

4. What percentage of your Spring Wheat area is intended for human consumption?

Code	%
603	<input type="radio"/>

(GO TO THE NEXT CHOSEN CROP. IF THIS IS THE LAST CROP, GO TO QUESTION B3.)

**SECTION B CORN FOR GRAIN AND SOYBEANS (continued)**

**Definitions:**

- Transgenic:** A plant or animal containing one or more new genes introduced by genetic engineering.
- Terminator gene:** A gene that renders seeds sterile.
- Genetically modified seed:** A seed whose genetic information has been recently altered by genetic engineering or mutagenesis.
- Genetic engineering:** A technique involving the transfer of specific genetic information from one organism to another.
- Mutagenesis:** A process by which the genetic information of an organism is changed in a stable, heritable manner, via the use of chemicals or radiation.
- Biotechnology:** The application of science and engineering in the use of living organisms.

**Other terms used for genetically modified seed:**

- Soybeans:** Roundup Ready
- Corn for Grain:** Liberty Link, Roundup Ready, HTH, Bt Corn (YieldGard, KnockOut, NatureGuard, Xtra, StarLink and Herculex)

5. Of your \_\_\_\_\_ acres/hectares/arpents of Corn for Grain reported on page 3, how many are seeded or will be seeded with genetically modified seed? (Exclude varieties produced by traditional cross-breeding techniques.)

Code	Area seeded with genetically modified seed	UOM		
		ac	ha	arp
260		1	2	3

(GO TO THE NEXT CHOSEN CROP ON PAGE 3. IF LAST CROP, GO TO QUESTION B3.)

6. Of your \_\_\_\_\_ acres/hectares/arpents of Soybeans reported on page 3, how many are seeded or will be seeded with genetically modified seed? (Exclude varieties produced by traditional cross-breeding techniques.)

Code	Area seeded with genetically modified seed	UOM		
		ac	ha	arp
261		1	2	3

(GO TO THE NEXT CHOSEN CROP ON PAGE 3. IF LAST CROP, GO TO QUESTION B3.)

**SECTION C TAME HAY AND FORAGE SEED**

- **Alfalfa and Alfalfa mixtures**  
 Include: Alfalfa and Alfalfa mixed with varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.  
 Exclude: All forage crop area harvested or to be harvested for commercial seed purposes, crops harvested or that will be harvested green to be used to feed animals and under-seeded areas.
- **Other Tame Hay**  
 Include: Varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.  
 Exclude: Alfalfa and Alfalfa mixtures, all forage crop area harvested or to be harvested for commercial seed purposes and crops harvested or that will be harvested green to be used to feed animals.
- **Forage Seed**  
 Include: All forage crop area harvested or to be harvested for seed purposes such as alfalfa and alfalfa mixtures, varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.  
 Exclude: Forage crops harvested or to be harvested for hay or to be used for pasture.

1. Will you have any Tame Hay or Forage Seed in 2004?

Yes   No   (GO TO SECTION D.)

2. Which crop(s) will you have?

Alfalfa and Alfalfa mixtures (GO TO QUESTION 3.)
  Other Tame Hay (GO TO QUESTION 4.)
  Forage Seed (GO TO QUESTION 5.)

**ALFALFA AND ALFALFA MIXTURES**

3. What will be your total area of Alfalfa and Alfalfa mixtures? (Exclude under-seeded areas.)

Crop	Code	Total area	UOM		
Alfalfa and Alfalfa mixtures	249	<input type="text"/>	<input type="radio"/> ac	<input type="radio"/> ha	<input type="radio"/> arp

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO QUESTION 4.)

**OTHER TAME HAY**

4. What will be your total area of all Other Tame Hay? (Exclude under-seeded areas.)

Crop	Code	Total area	UOM		
Other Tame Hay	256	<input type="text"/>	<input type="radio"/> ac	<input type="radio"/> ha	<input type="radio"/> arp

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO QUESTION 6.)

**FORAGE SEED**

5. What will be your total area of Forage Seed? (Exclude under-seeded areas.)

Crop	Code	Total area	UOM		
Forage Seed	247	<input type="text"/>	<input type="radio"/> ac	<input type="radio"/> ha	<input type="radio"/> arp

(GO TO THE NEXT QUESTION.)

6. Total Tame Hay and Forage Seed areas (sum of C3 to C5)	<input type="text"/>	UOM		
		<input type="radio"/> ac	<input type="radio"/> ha	<input type="radio"/> arp

(GO TO SECTION D.)

**SECTION D LAND BALANCE**

● **Improved Land for pasture or grazing:**

All land which is being used for pasture or grazing land and which has undergone some improvements in recent years such as cultivation, drainage, irrigation, fertilization, seeding or spraying for brush and weed control.

- Exclude:**
- Areas to be harvested as dry hay, silage or forage seed;
  - Community pastures, co-operative grazing associations or grazing reserves.

If a field is used the same year for harvesting Tame Hay and as a pasture, count it only once as a Tame Hay field.

● **Unimproved Land for pasture or grazing:**

Native or grazing pasture, native hay, rangeland, grazable bush used for the grazing or feeding of livestock.

- Exclude:**
- Community pastures, co-operative grazing associations or grazing reserves.

● **Other Land:**

- Area of farmstead: farm buildings, farmyard, home garden and roads;
- Idle land: improved land which was cropped, pastured or used for agricultural purposes last year, but is not being cropped this year;
- Fall crop area ploughed under but not reseeded;
- New broken land: land which has been cleared and prepared for cultivation but will not be cropped;
- Winterkilled land: winterkilled area from crops sown in the previous fall, which will not be reseeded or pastured to another crop;
- Wasteland, woodland, cut-over land, slough, swamp, marshland and irrigation ditches;
- Summerfallow land: land on which no crop will be grown during the year, but which may be cultivated or worked for weed control and/or moisture conservation, or it may simply be left to lay fallow in order to renew the soil;
- Fruits and vegetables, mushrooms, maple trees, Christmas trees and sod.

**What is your total area of Improved Land for pasture or grazing, Unimproved Land for pasture or grazing and Other Land in 2004?**

Land Use	Code	Total area	UOM		
			ac	ha	arp
1. Improved Land for pasture or grazing	222	●	● 1	● 2	● 3
2. Unimproved Land for pasture or grazing	237	●	● 1	● 2	● 3
3. Other Land	241	●	● 1	● 2	● 3
4. Total Land Balance (sum of D1 to D3)		●	● 1	● 2	● 3

(GO TO SECTION E.)

**SECTION E TOTAL LAND AREA**

**What will be the Total Land Area in 2004?**

Land Use	Code	Total area	UOM		
			ac	ha	arp
1. Total Land Area		●	● 1	● 2	● 3
2. Sum of sections A4 + B2r + C6 + D4	201	●	● 1	● 2	● 3
3. Difference between E1 and E2 (E1-E2) If the difference is substantial, please explain in comments.		●	● 1	● 2	● 3

(GO TO SECTION F.)





# July Livestock Survey, 2004

FOR INTERNAL USE ONLY



**CONFIDENTIAL when completed**

This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, c. S-19. Completion of this questionnaire is a legal requirement under the Statistics Act.

Si vous préférez ce questionnaire en français veuillez cocher la case

**OFFICE USE ONLY**

005		1
005		4
005		2
005		3

004		2
-----	--	---

The purpose of this survey is to collect information on livestock. The statistics produced from the survey enable those active in the agricultural sector to observe and assess changes in the industry, measure performance and keep the agricultural community and general public informed of developments.

Statistics Canada is collecting information concerning the farm described on the label. If the operators of this holding manage any other farm(s) entirely separate from this farm (i.e., separate accounting books are kept), please do not include any data for the other farm(s) on this questionnaire.

**SECTION A.** When answering the questions, please include as of July 1, 2004 ...

... all livestock (cattle or calves, pigs, and/or sheep or lambs) on your operation regardless of ownership, including livestock custom fed, fed under contract for others and livestock pastured.

... all livestock owned by the operator and held on crownland, community pastures, and grazing projects.

... Please DO NOT REPORT livestock (cattle or calves, pigs and/or sheep or lambs) which are owned by you but kept on a farm, ranch or feedlot operated by someone else.

**SECTION B. CATTLE AND/OR CALVES**

**OFFICE USE ONLY**

**400**

**9**

1. At July 1, 2004 do you expect to have/did you have any cattle or calves on this operation? Including grazing projects, community pastures or crownland.

Yes **400**   **1**

No **400**   **2** (Go to Section C)

2. Are cattle or calves kept (on this operation) for someone else? (If yes include them as part of inventory.)

Yes **430**   **1**

No **430**   **2**

**INVENTORY QUESTIONS**

**Total Number at July 1, 2004**

**403**

None

**404**

None

**405**

None

**409**

None

**406**

None

**407**

None

**402**

None

**408**

None

**410**

3. **BULLS**, 1 year and over .....

4. **DAIRY COWS** .....

5. **BEEF COWS** .....

6. **CALVES**, under 1 year .....

7. **HEIFERS**, 1 year and over { a) for **DAIRY** Replacement Heifers (1 year and over) .....

b) for **BEEF** Replacement Heifers (1 year and over) .....

c) for **SLAUGHTER** or **FEEDER** Heifers (1 year and over) .....

8. **STEERS**, 1 year and over .....

9. **TOTAL CATTLE AND/OR CALVES** (sum of questions 3 to 8) .....

**QUESTIONS ON PRODUCTION**

**421**

None

**424**

None

10. (On this operation) How many calves were born alive in the last 6 months (between January 1 and June 30, 2004)?.....

11. (On this operation) How many cows and heifers are expected to calve between July 1 and December 31, 2004? .....

**SECTION C. PIGS**

**OFFICE USE ONLY**

**600**

**9**

1. At July 1, 2004 do you expect to have/did you have any pigs (on this operation)?

Yes **600**   **1**

No **600**   **2**

1. (a) Were there any pigs (on this operation) during the past three months (April, May and June 2004)?

Yes **601**   **1** (Answer Questions 7, 8 and 9)

No **601**   **2** (Go to Section D)

2. Are pigs kept (on this operation) for someone else? (If yes include them as part of inventory.)

Yes **630**   **1**

No **630**   **2**

**INVENTORY QUESTIONS**

**Total Number at July 1, 2004**

**605**  
None

**606**  
None

**607**  
None

**608**  
None

**609**  
None

**610**

3. **BOARS**, 6 months and over .....

4. **SOWS**, for breeding and bred gilts .....

5. **ALL OTHER PIGS** { a) Under 45 pounds (-20 kg) .....

b) 45 to 130 pounds (20 to 60 kg) .....

c) Over 130 pounds (60+ kg) .....

6. **TOTAL PIGS** (sum of questions 3 to 5) .....

**QUESTIONS ON PRODUCTION**

**634**  
None

**635**  
None

**636**  
None

**638**  
None

**639**  
None

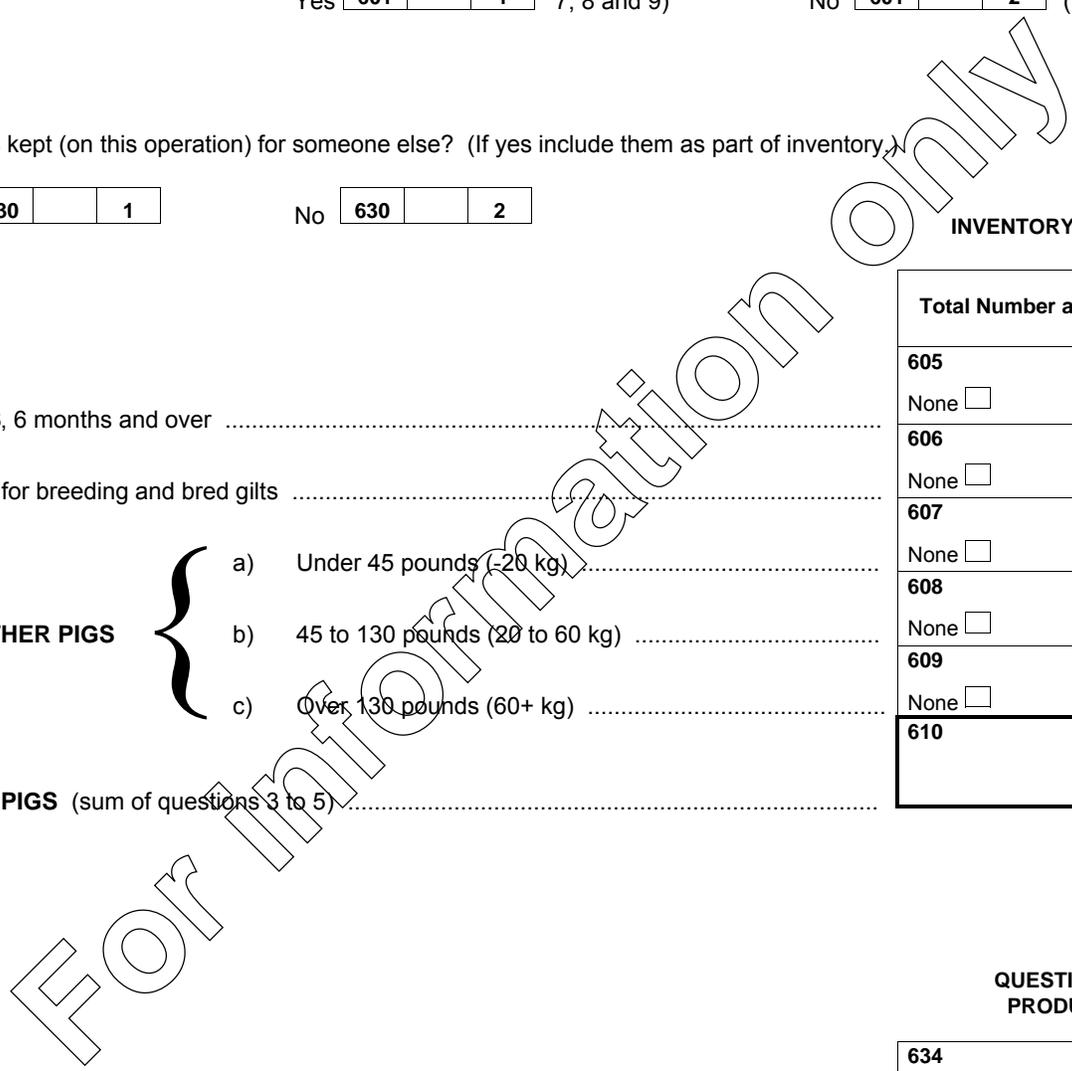
7. (On this operation) How many sows and bred gilts farrowed during April, May and June 2004? .....

8. How many pigs were born alive during the same period (April, May and June 2004)? .....

9. Of the (number) of pigs born alive, how many died or were destroyed before weaning during April, May and June 2004? .....

10. How many sows and bred gilts are expected to farrow during July, August and September 2004? .....

11. How many sows and bred gilts are expected to farrow during October, November and December 2004? .....



**SECTION D. SHEEP AND/OR LAMBS**

**OFFICE USE ONLY**

**300**

**9**

1. At July 1, 2004 do you expect to have/did you have any sheep or lambs (on this operation)?  
Including grazing projects, community pastures or crownland.

Yes **300**   **1**

No **300**   **2**

1. (a) Were there any sheep or lambs kept (on this operation) between  
January 1 and June 30, 2004?

Yes **320**   **1** (Answer Questions  
8, 9 and 10)

No **320**   **2** (Go to Section E)

2. Are sheep or lambs kept (on this operation) for someone else? (If yes include them as part of inventory.)

Yes **330**   **1**

No **330**   **2**

**INVENTORY QUESTIONS**

3. **RAMS**, 1 year and over .....

4. **EWES** .....

5. Replacement **LAMBS** .....

6. Market **LAMBS** .....

7. **TOTAL SHEEP AND LAMBS** (sum of questions 3 to 6) .....

**Total Number at July 1, 2004**

**301**  
None

**302**  
None

**303**  
None

**304**  
None

**310**

**QUESTIONS ON PRODUCTION**

8. (On this operation) How many lambs were born in the last 6 months (between  
January 1 and June 30, 2004)? .....

**308**  
None

9. How many sheep and lambs died, including those killed by disease or  
predators, between January 1 and June 30, 2004? .....

**307**  
None

10. (On this operation) How many lambs do you expect to be born between July 1 and  
December 31, 2004? .....

**309**  
None



**SECTION F. FEDERAL/PROVINCIAL AGREEMENT TO SHARE INFORMATION**

**NEW BRUNSWICK, ONTARIO, MANITOBA, SASKATCHEWAN AND BRITISH COLUMBIA ONLY:**

To reduce response burden and to ensure more uniform statistics, Statistics Canada has entered into data sharing agreements under Section 12 of the Statistics Act with:

- the New Brunswick Department of Agriculture and Rural Development
- the Ontario Ministry of Agriculture and Food and the Ontario Central Statistics Services
- the Manitoba Department of Agriculture
- Saskatchewan Agriculture and Food
- the British Columbia Ministry of Agriculture and Fisheries.

The information collected and shared will be kept confidential and used only for statistical purposes. Any information shared with a provincial ministry of agriculture is released in aggregate form only. The provincial ministry of agriculture must guarantee the confidentiality of all shared data.

Statistics Canada does not provide the respondent's name or address to any provincial ministry of agriculture.

Do you agree to share this information?

Yes 

05			1
----	--	--	---

No 

05			2
----	--	--	---

**QUÉBEC ONLY:**

To avoid duplication of enquiry this survey is conducted under a co-operative agreement with l'Institut de la statistique du Québec pursuant to Section 11 of the Statistics Act. The Québec Statistics Act includes the same provisions for confidentiality and penalties for disclosure of information as the Federal Statistics Act.

**COMMENTS:**


**OFFICE USE ONLY**

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Agriculture Division

# Farm Financial Survey



## TO THE RESPONDENT:

This questionnaire is to assist you in answering a telephone survey. Complete this form and keep it by your telephone. An interviewer from Statistics Canada will telephone you **between April and mid-May** for this information.

**DO NOT MAIL** this questionnaire. Please retain for your personal records.

Use your records, if possible. Otherwise, enter your best estimate.

**All information will be kept confidential under the Statistics Act.**

**Questions refer to the calendar year 2004.**

If information is not kept on a calendar year basis, please report for your latest fiscal year end.

In all cases, record the year end for the financial information you provide →

**CONFIDENTIAL** when completed

**Disponible en version française.**

For information only

009				
	Day	Month	Year	

This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, c. S-19. Completion of this questionnaire is a legal requirement under the Statistics Act.

Corporation Name

Area Code

NA 2

Farm or Operation Name

Telephone

NA 1

Contact Name

Telephone

ADR

R.R.      Box No.      Number and Street Name

Postal Code      Post Office (name of city, town or village where mail is received)



**SECTION A. CHARACTERISTICS OF THE OPERATOR/OPERATION**

• Report questions 1 to 6 as of **December 31, 2004**

A FARM OPERATOR is an individual responsible for the day-to-day operation of the farm; who participates in the decisions to borrow money; to rent, buy or sell assets; and to reduce debts. An operation may have more than one operator but only one questionnaire is to be completed for each operation.

1. How many operators 18 years of age and over were responsible for this operation? .....

2. What was the age of:

a) The oldest operator .....

b) The youngest operator (*minimum age of 18*) (if only one operator enter age under oldest operator) .....

3. What is the highest level of formal education that the oldest and the youngest operator have completed?

	Oldest	Youngest
a) Some elementary school or some secondary (high) school (include ungraded and special education) .....	<input checked="" type="radio"/> 1	<input type="radio"/> 6
b) Completed secondary (high) school (graduation certificate or equivalent) .....	<input type="radio"/> 2	<input type="radio"/> 7
c) <b>Some</b> post-secondary, including some college or university courses .....	<input type="radio"/> 3	<input type="radio"/> 8
d) <b>Completed</b> college or university certificate or diploma <b>below</b> bachelor level (e.g., trade, technical or vocational school, agricultural diploma, business college, community college, CEGEP) .....	<input type="radio"/> 4	<input type="radio"/> 9
e) <b>Completed</b> university <b>degree</b> program (include bachelor's degree and above) .....	<input type="radio"/> 5	<input type="radio"/> 10

4. How many years has the most experienced operator on this farm managed a farm business? .....

5. Which of the following best described this operation? ("X" one circle only)

• Report family and hobby farms in 5 a) to 5 c)

For the Farm Financial Survey, **FAMILY** is defined as the operator, the operator's spouse and never married children residing in the same household.

a) Sole Proprietorship .....  3

b) Corporation (Ltd. Co.) .....  4 → What is your **FAMILY's** percent ownership of this operation? .....  %

c) Partnership .....  5 → What is your **FAMILY's** percent ownership of this operation? .....  %

d) Cooperative and communal operations (e.g., Hutterite colonies) .....  6 → (GO TO SECTION B)

e) Other (please specify)  7

6. How many members are in the operator's **FAMILY**? .....



**SECTION C. LIVESTOCK AND POULTRY**

1. Did the operation custom or contract feed any livestock for others on **December 31, 2004**?
- **Exclude** all animals OWNED by your operation

**676** YES  1

NO  3 (GO TO QUESTION 2 BELOW)

(please specify type(s) and number(s) of livestock custom or contract fed)

**S676** \_\_\_\_\_

**677**

2. Did the operation **OWN** any livestock or poultry on **December 31, 2004**?
- **Include** all animals OWNED by this operation whether they are on your land or on land **not** owned by you
  - **Exclude** all animals on your land which are not owned by you

**170** YES  1

NO  3 (GO TO SECTION D)

- a) How many of the following did this operation own on **December 31, 2004**?

**Total Number on December 31, 2004**

**PART I. CATTLE**

- a) Bulls, 1 year and over .....
- b) Cows mainly for dairy
  - **Include** dairy replacement heifers .....
- c) Cows mainly for beef
  - **Include** beef replacement heifers .....
- d) Steers and Heifers, 1 year and over for slaughter or feeding .....
- e) Calves, under 1 year .....

**674**

**172**

**173**

**174**

**175**

**PART II. PIGS**

- f) Boars, 6 months and over .....
- g) Sows for breeding and bred gilts .....
- h) All other pigs .....

**675**

**179**

**176**

**PART III. SHEEP AND LAMBS**

- i) Sheep and lambs .....

**182**

**PART IV. POULTRY**

- j) Layers .....
- k) Broilers .....
- l) Other poultry (e.g., breeders, turkeys, pullets, etc.)

**188**

**189**

**198**

(please specify) **080** \_\_\_\_\_

**PART V. HORSES**

- m) Horses and ponies .....

**187**

**PART VI. OTHER LIVESTOCK**

- n) Other livestock (please specify) **081** \_\_\_\_\_

**184**

**SECTION D. CAPITAL INVESTMENTS**

- **Exclude** GST, HST, PST, Quebec Sales Tax
- Report to the nearest \$1,000
- Report for the calendar year **2004**

1. During **2004**, did this operation invest any money in capital items or improvements?

**200** YES  1 NO  3 (GO TO SECTION E)

2. What was the amount of capital invested in **2004** for the following:

Capital Investments in 2004	
<b>201</b>	000
<b>203</b>	000
<b>212</b>	000
<b>213</b>	000
<b>204</b>	000
<b>214</b>	000
<b>202</b>	000
<b>205</b>	000
<b>206</b>	000

- a) Farm real estate purchased .....
- b) House construction or **major** renovation .....
- c) Manure storage construction or **major** renovation .....
- d) Pesticide, chemical or fuel storage construction or **major** renovation .....
- e) Other building construction or **major** renovation (e.g., barns, storage sheds, machine sheds, etc.) .....
- f) Environmental protection improvements: shelterbelts, windbreaks, buffer strips or fences for waterways protection .....
- g) Other land improvements: irrigation, orchard planting, draining, clearing of land, fences for purposes other than environmental protection .....
- h) Breeding and replacement livestock intended to be on the farm for more than 1 year  
• **Exclude** poultry .....
- i) Quota purchased separately from other assets .....

- j) Farm machinery and equipment purchased or leased in **2004**
  - Report the full purchase or lease price **BEFORE** trade-in or any downpayment
  - **Exclude lease payments** (to be reported on page 13, Section J)
  - Specify using list of assets below

- |   |   |
|---|---|
| 71 Cars used in the farm business           | 84 Other seeding equipment                      |
| 72 Trucks used in the farm business         | 85 Cultivators and tillage equipment            |
| 73 Other transportation equipment           | 79 Hay mowers                                   |
| 74 Processing equipment                     | 80 Harvesting machinery                         |
| 75 Computers and related equipment          | 81 Balers                                       |
| 76 Other office and communication equipment | 86 Manure spreader (for solid or liquid manure) |
| 77 Tractors of various types                | 82 Other machinery and equipment                |
| 83 Direct seeding equipment                 |   |

Code	Type 1 = new 2 = used	3 = purchased 4 = leased		
				000
				000
				000
				000
				000
				000
				000

- k) Other farm assets purchased (e.g., stocks, bonds, GICs, mutual funds)
  - **Exclude** RRSPs
  - **Exclude** the **Producer Assistance Program** and **CAIS** (the Canadian Agriculture Income Stabilization) program (these programs to be reported on page 10, Section H)

(please specify) **092**  **217**  000

**SECTION D. CAPITAL INVESTMENTS**

3. How much money did you receive in 2004 or will you receive in 2005 as a government grant or contribution for **environmental protection purposes** to reduce the cost of any of the capital investments previously reported? .....

222	000
-----	-----

**SECTION E. CAPITAL SALES**

- **Exclude** GST, HST, PST, Quebec Sales Tax
- Report to the nearest \$1,000
- Report for the calendar year **2004**

1. During **2004**, did this operation sell or trade-in any capital items?

230 YES  1 NO  3 (GO TO SECTION F)

2. What was the amount of capital sales in **2004** for:

- a) Land and buildings .....
- b) Farm machinery and equipment traded-in
  - **Include** cars and trucks used in the farm business .....
- c) Farm machinery and equipment sold outright
  - **Include** cars and trucks used in the farm business
  - **Exclude** trade-ins .....
- d) Quota sold separately from other assets .....
- e) Breeding and replacement livestock
  - **Exclude** culls for slaughter and poultry .....
- f) Other farm assets sold (e.g., stocks, bonds, GICs, mutual funds)
  - **Exclude** RRSPs
  - **Exclude** the **Producer Assistance Program** and **CAIS** (these programs to be reported on page 10, Section H)
  - **Exclude** **NISA** (Net Income Stabilization Account) and **CSRA** (Compte de Stabilisation du Revenu Agricole) (these programs to be reported on page 14, Section K)

Capital Sales in 2004	
233	000
237	000
234	000
235	000
236	000
238	000
	000

(please specify) 096

COMMENTS: 088

Blank lines for comments.

**SECTION F. ASSETS**

1. What was the value of the following assets of this operation on **December 31, 2004**?

- **Report at current market value**
- Report to the nearest \$1,000
- **Exclude** assets not from this operation (*these assets to be reported in Box 694, page 16, Section M*)

**LIVESTOCK ASSETS**

- a) Market livestock
- **Include** heifers for slaughter or feeding, steers, calves, pigs, slaughter lambs, all poultry, goats for meat, culls and other market livestock
  - **Exclude** boars, sows and contract livestock
  - Report **breeding and replacement** livestock below .....
- b) Breeding, replacement and other livestock not considered market livestock
- **Include** all livestock and fur animals for breeding or replacement purposes (e.g., cows, sows, ewes, horses for PMU, honey bees, ostriches, race and riding horses, etc.) .....

Value of Assets on December 31, 2004	
308	
662	000
	000

**CURRENT/SHORT-TERM ASSETS (LESS THAN ONE YEAR)**

- c) Accounts receivable (money **OWED TO** this operation)
- **Include** revenue to be collected for sales of goods (e.g. grain and livestock), services (e.g. custom work), program payments, deferred cash grain tickets and deferred crop insurance
  - **Exclude** money owed to the operation for mortgages, personal loans (to be reported in other long-term assets) .....
- d) Inventory
- i) Supplies on hand (inputs) such as feed, supplies, fertilizer, fuel, seed, chemicals, etc. ....
- ii) Crops for sale
- **Include** all **harvested** crops destined for market .....
- e) Cash and short-term investments of this operation (less than one year) .....
- f) Other current/short-term farm assets such as prepaid expenses for feed, fertilizer, seed, chemicals, etc.

305	
	000
306	
	000
661	
	000
658	
	000
659	
	000

(please specify) **094** \_\_\_\_\_

**LONG-TERM ASSETS**

- g) Farmland and buildings owned
- **Include** the farmhouse, storage sheds, silos, barns, grain bins, machine shops and woodlots .....
- h) All machinery and equipment
- **Include** cars and trucks used for the farm business, tractors, cultivators, combines, movable irrigation equipment, small tools, computers and office equipment, etc.
  - **Exclude** leased machinery .....
- i) Quota (market value, if not valued in farmland and buildings) .....
- j) Long-term investments of this operation (one year or more) (e.g., stocks, bonds, long-term GICs, mutual funds, cooperative shares, etc.) .....
- k) Other long-term farm assets (e.g., off-farm site warehouses, grain condominiums and other buildings owned by this operation, etc.)
- **Exclude** RRSPs
  - **Exclude** the **Producer Assistance Program** and **CAIS** (*these programs to be reported on page 10, Section H*)
  - **Exclude** **NISA** and **CSRA** (*these programs to be reported on page 14, Section K*)

301	
	000
317	
	000
304	
	000
673	
	000
663	
	000

(please specify) **084** \_\_\_\_\_

**SECTION G. LIABILITIES OUTSTANDING AND LONG-TERM MONEY BORROWED**

• Report to the nearest \$1,000

1. Did this operation owe any money on **December 31, 2004** or borrow any money in **2004**?
- **Include** balance owing on operating lines of credit and money borrowed from family
  - **Include** participation in the Advance Payments Program or the Spring Credit Advance Program
  - **Exclude** liabilities not from this operation (to be reported in Box 696, page 16, Section M)

**700** YES  1 NO  3 (GO TO SECTION H)

2. On <b>December 31, 2004</b> what was the amount of money owed to:	Liabilities on December 31, 2004				Long-term money borrowed in 2004	
	Current/Short-term: original repayment period is less than 12 months (Include <b>BALANCE OWING</b> on operating lines of credit)		Long-term: original repayment period is 12 months or more		For long-term loans, how much was borrowed in 2004? (repayment period of 12 months or more)	
	410		480		580	
a) Chartered banks, trust companies, treasury branches .....		000		000		000
	405		485		585	
b) Credit unions, caisses populaires .....		000		000		000
	401		481		581	
c) Farm Credit Canada (Federal Agency - FCC) .....		000		000		000
	436					
d) the Advance Payments Program .....		000				
	407		487		587	
e) Machinery and supply companies, feed companies • <b>Exclude</b> leased machinery .....		000		000		000
	408		488		588	
f) Private individuals, family members, shareholders .....		000		000		000
	403		483		583	
g) the provincial government .....		000		000		000
	409		489		589	
h) Others (e.g., accounts payable, meat packing plants, municipality, etc.) (please specify)						
<b>085</b>		000		000		000
	441		491		590	
<b>Total</b> .....		000		000		000

3. Of all the **long-term** money borrowed in **2004** (Box 590 above), what amount was used to refinance previous loans? ..... **543** 000
4. Of **ALL current/short-term** money owed in **2004** (from all sources), what was the highest amount owed at any time during the year? ..... **501** 000

5. Did this operation participate in the Advance Payments Program in **2004**?
- **Include** Spring Credit Advance Program
- 541** YES  1 NO  3 (GO TO SECTION H)

6. What was the total amount borrowed under the Advance Payments Program in **2004**? ..... **542** 000

**SECTION H. PROGRAM PAYMENTS**

**SECTION H. BSE (Bovine Spongiform Encephalopathy) COMPENSATION**

• Report to the nearest \$1,000

*Atlantic, Quebec, Ontario, and Prairies - GO TO QUESTION 8, PAGE 10*  
*3 British Columbia - GO TO QUESTION 4 BELOW*

1. Did you receive any compensation in **2004** as a result of the **BSE** disease?

**547** YES  1

NO  3

2. In **2004**, what was the total compensation received as a result of the **BSE** disease?  
• **Exclude** money received from the **Producer Assistance Program** or **CAIS** .....

BSE PAYMENTS IN 2004	
548	000

**THE FOLLOWING BSE ITEMS SHOULD ADD TO BOX 548.**

3. Of the amount reported for BSE compensation (*Box 548 above*) how much was received from:

- a) Transitional Industry Support Program .....
- b) Canada - Provincial **BSE** Recovery Program .....
- c) Cull Animal Program .....
- d) **B.C.** Provincial Steer and Heifer Market Transition Program .....
- e) **Alberta** Fed Cattle Competitive Bid Program .....
- f) **Alberta** Fed Cattle Market Adjustment Program .....
- g) **Alberta BSE** Slaughter Market Adjustment Program .....
- h) **Alberta** Mature Market Animal Transition Program .....
- i) **Saskatchewan** Fed Livestock Competitive Market Adjustment Program .....
- j) **Saskatchewan** BSE Set Aside Program .....
- k) **Manitoba** Slaughter Compensation Program .....
- l) **Ontario BSE** Recovery Initiative (Slaughter Program, Set Aside Program) .....
- m) Other (*please specify*)  **592** .....

595	000
549	000
550	000
551	000
552	000
553	000
554	000
555	000
556	000
557	000
558	000
559	000
591	000

**SECTION H. BRITISH COLUMBIA ONLY - AVIAN FLU DISEASE**

• Report to the nearest \$1,000

4. Did this operation have any poultry in **2004**?

**920** YES  1

NO  3 (*GO TO QUESTION 8*)

5. Was this operation within the quarantine area of British Columbia?

**921** YES  1

NO  3 (*GO TO QUESTION 8*)

6. Were you eligible for compensation **for birds that were destroyed** as a result of the **AVIAN FLU** disease?

**922** YES  1

NO  3 (*GO TO QUESTION 8*)

7. How much money was received in **government** compensation **for birds that were destroyed** as a result of the **AVIAN FLU** disease? .....

923	000
-----	-----

**SECTION H. CROP INSURANCE**

• Report to the nearest \$1,000

8. Did this operation participate in the provincial crop insurance program in **2004**?

**642** YES  1 NO  3 (GO TO QUESTION 9 BELOW)



a) What were the total provincial crop insurance premiums for the **2004** crop?  
• **REPORT \$500 - \$999 as \$1,000** .....

<b>643</b>	000
------------	-----

b) What were the gross receipts received in **2004** from provincial crop insurance? .....

<b>644</b>	000
------------	-----

**SECTION H. PRODUCER ASSISTANCE PROGRAM/CANADIAN AGRICULTURE INCOME STABILIZATION (CAIS)**

• Report to the nearest \$1,000

9. Did this operation participate in the **Producer Assistance Program** or the **CAIS** program?

**577** YES  1 NO  3 (GO TO QUESTION 13 BELOW)



10. What were this operation's **CAIS deposits** in **2004**? .....

<b>579</b>	000
------------	-----

11. How much in total was received by this operation from the **Producer Assistance Program** or the **CAIS** program in **2004**?  
• **Report** total amount of the cheque received (**Include both producer and government amounts**) .....

<b>578</b>	000
------------	-----

12. Of the total received from the **Producer Assistance Program** or **CAIS** in **2004** (reported in Box 578 above), how much was the government (taxable) portion? (see Agr-1, Box 14)

<b>639</b>	000
------------	-----

**SECTION H. ENVIRONMENTAL PAYMENTS**

• Report to the nearest \$1,000

13. In **2004**, how much compensation was received for crop damage due to wildlife or for leaving the farmland in its natural state for wildlife?

- **Include** government and private wildlife payments
- **Include** financial compensation for conservation of wildlife habitats, public access to wildlife habitats, prevention of water pollution, etc.
- **Exclude** any amount previously reported in capital investments (page 5, Section D)
- **Exclude** drought payments, crop insurance and payments received for the purchase of land by wildlife conservation organizations

(please specify) **S687** \_\_\_\_\_

<b>687</b>	000
------------	-----

**SECTION H. OTHER DIRECT PROGRAM PAYMENTS**

- Report to the nearest \$1,000

14. In **2004**, how much was received from other direct program payments not previously reported?

- **Include:** - private hail insurance;  
 - tax rebates (e.g., fuel tax, property tax);  
 - farm income stabilization programs - for example:  
     Canadian Farm Income Program (CFIP);  
     Federal Bridge Income Assistance;  
     QUE: Assurance Stabilisation du Revenu Agricole (ASRA)  
     ONT: Ontario Farm Income Disaster Program (OFIDP)  
     SASK: Canada-Saskatchewan Assistance Program  
     ALTA: Alberta Farm Income Disaster Program (AFIDP);  
         Alberta Herd Retention Program  
     B.C.: B.C. Whole Farm Insurance Program (WFIP);  
         Negative Margin Insurance Pilot Program

- **Exclude** payments already reported for BSE (Box 548, page 9), Avian Flu (Box 923, page 9), Crop insurance (Box 644, page 10), Producer Assistance/CAIS (Box 639, page 10) and Environmental payments (Box 687, page 10)
- **Exclude NISA and CSRA** withdrawals (to be reported on page 14, Section K)

(please specify)

**S688**

<b>688</b>	000
------------	-----

**SECTION H. TOTAL PROGRAM PAYMENTS**

Please copy the amounts previously reported into the following boxes:

- BSE compensation, page 9, Box 548 .....
- Avian flu compensation, page 9, Box 923 .....
- Crop insurance, page 10, Box 644 .....
- Producer Assistance program/CAIS, page 10, Box 639 .....
- Environmental compensation, page 10, Box 687 .....
- Other direct program payments, page 11, Box 688 .....

<b>548</b>	000
<b>923</b>	000
<b>644</b>	000
<b>639</b>	000
<b>687</b>	000
<b>688</b>	000

Please add the total program payments and enter the amount in Box 604.

<b>604</b>	000
------------	-----

15. **Total Program payments** .....

**SECTIONS I and J. REVENUE AND EXPENSES**

Which method of accounting will you use to report your farm revenue and expenses: cash or accrual accounting?

**611** Cash  1      Accrual  2      Don't know  9

**SECTION I. REVENUE**

- Report to the nearest \$1,000

1. In **2004**, what was the **total gross** farm revenue of this operation, before expenses?

- **Include** revenue from capital sales of breeding and replacement livestock (Box 236, page 6, Section E), direct program payments (Box 604, page 11, Section H), agricultural custom work
- **Exclude** any money received from **NISA** and **CSRA** withdrawals (these programs to be reported on page 14, Section K), the value of inventory adjustments, the sale of land and buildings, the sale of machinery and equipment and the sale of quota .....

Gross Farm Revenue in 2004	
<b>601</b>	000

**THE FOLLOWING REVENUE ITEMS SHOULD ADD TO BOX 601.**

2. Of the total gross farm revenue in **2004** (Box 601 above), how much was from:

- a) Total program payments  
 • **Please copy the amount from Box 604, page 11, Section H** .....
- b) Sale of grains, oilseeds and specialty crops  
 • **Include** lentils, dry peas, dry beans, etc.  
 • **Include** wheat board payments .....
- c) Sale of horticulture products  
 • **Include** potatoes, fruits, vegetables, greenhouse products, nursery products, sod, mushrooms, etc. ....
- d) Sale of cattle  
 • **Include** breeding and replacement livestock .....
- e) Sale of pigs  
 • **Include** breeding and replacement livestock .....
- f) Sale of poultry  
 • **Include** eggs .....
- g) Sale of milk, cream and other dairy products .....
- h) All other farm revenue (e.g., agricultural custom or contract work, sale of horses, PMU, sheep, mink, sugar beets, tobacco, maple products, forage seed, wood, Christmas trees, hay, etc.) .....

<b>689</b>	000
<b>623</b>	000
<b>624</b>	000
<b>625</b>	000
<b>626</b>	000
<b>627</b>	000
<b>628</b>	000
<b>629</b>	000

**SECTION J. FARM OPERATING EXPENSES**

• Report to the nearest \$1,000

1. In **2004**, what were the **total** farm operating expenses?

- **Exclude** capital cost allowances or depreciation
- **Exclude** the value of inventory adjustments
- **Exclude** CAIS deposits .....

Total Expenses in 2004	
<b>606</b>	
	000

**THE FOLLOWING EXPENSE ITEMS SHOULD ADD TO BOX 606.**

2. Of the **total** farm operating expenses in **2004** (Box 606 above) how much was for:

- a) Fertilizer and lime .....
- b) Herbicides, insecticides, fungicides, etc. ....
- c) Seed and plants .....
- d) Livestock and poultry purchases
  - **Include** cattle, hogs and poultry **only** .....
- e) Feed and supplements .....
- f) Veterinary services, drugs, semen, breeding fees, etc. ....
- g) Fuel for machinery, trucks and automobiles
  - **Include** only the farm business share of amounts paid
  - **Exclude** heating fuel .....
- h) Repairs and maintenance to farm machinery, equipment and vehicles
  - **Include** only the farm business share of amounts paid .....
- i) Rental and leasing of farm machinery, equipment and vehicles
  - **Include** only the farm business share of amounts paid .....
- j) Total interest paid on farm debt
  - **Exclude** payments on the principal .....
- k) Custom work and contract work
  - **Exclude** capital improvements such as land clearing and building construction, where benefits are spread out over many years .....
- l) Total wages and salaries .....
- m) Wages and salaries paid to your **FAMILY**
  - **Include** all employee benefits
  - For the Farm Financial Survey, **FAMILY** is defined as the operator, the operator's spouse and never married children residing in the same household .....
- n) Wages and salaries paid to hired help
  - **Include** all employee benefits
  - **Exclude** the amount reported in Box 666 above .....
- o) All other expenses (e.g., property taxes, electricity, heating fuel, crop insurance, etc.) ..

<b>560</b>	
	000
<b>561</b>	
	000
<b>562</b>	
	000
<b>593</b>	
	000
<b>566</b>	
	000
<b>567</b>	
	000
<b>568</b>	
	000
<b>569</b>	
	000
<b>570</b>	
	000
<b>605</b>	
	000
<b>571</b>	
	000
<b>572</b>	
	000
<b>666</b>	
	000
<b>573</b>	
	000
<b>574</b>	
	000

**SECTION K. NET INCOME STABILIZATION ACCOUNT (NISA)**

For the Farm Financial Survey, **FAMILY** is defined as the operator, the operator's spouse and never married children residing in the same household.

1. Has this **FAMILY** ever participated in the NISA program?

**636** YES  1 NO  3

*Atlantic, Ontario, Prairies and B.C. - GO TO SECTION L  
Quebec - GO TO QUESTION 4 BELOW*

2. Did this **FAMILY** withdraw money from NISA in 2004?

**633** YES  1 NO  3 (GO TO QUESTION 3 BELOW)

a) How much was withdrawn from **FUND 1** NISA account(s) in the **2004** calendar year?  
 • Include withdrawals from all **FAMILY** members  
 • REPORT IN DOLLARS .....

TOTAL DOLLARS	
680	Dollars
	.00
681	Dollars
	.00

b) How much was withdrawn from **FUND 2** NISA account(s) in the **2004** calendar year?  
 • Include withdrawals from all **FAMILY** members  
 • REPORT IN DOLLARS .....

3. What was the ending balance of all NISA accounts for this **FAMILY** as of **December 31, 2004**?

• Include balances of all **FAMILY** members

THOUSANDS OF DOLLARS	
637	
	000
638	
	000

a) **FUND 1** (non-taxable: producers' contributions)  
 • REPORT TO THE NEAREST \$1,000 .....

b) **FUND 2** (taxable: government contributions and interest)  
 • REPORT TO THE NEAREST \$1,000 .....

**SECTION K. QUEBEC ONLY - CSRA - COMPTE DE STABILISATION DU REVENU AGRICOLE**

4. Has this **FAMILY** ever participated in the CSRA program?

**682** YES  1 NO  3 (GO TO SECTION L)

a) How much money was withdrawn from CSRA account(s) in the **2004** calendar year?  
 • Include withdrawals from all **FAMILY** members  
 • REPORT IN DOLLARS .....

TOTAL DOLLARS	
684	Dollars
	.00

5. What was the ending balance of all CSRA accounts for this **FAMILY** as of **December 31, 2004**?

• Include balances of all **FAMILY** members  
 • REPORT TO THE NEAREST \$1,000 .....

THOUSANDS OF DOLLARS	
685	
	000

**SECTION L. CANADIAN FARM BUSINESS ADVISORY SERVICES**

1. In **2004**, new government programs were introduced to help farmers develop business plans for their farms or for businesses that add value to farm production. These included:

- Farm Financial Assessment
- Specialized Business Planning Services (SBPS)
- Planning & Assessment for Value-added Enterprises (PAVE)

Have you heard of any of these programs?

**801** YES  1 NO  3 (GO TO SECTION M)

2. Has anyone in your operation participated in the following programs?

Government Programs		If yes, how satisfied were you/they with the services provided?				
		Very Satisfied	Somewhat Satisfied	Neither Satisfied/ Dissatisfied	Somewhat Dissatisfied	Very Dissatisfied
a) Farm Financial Assessment	<b>802</b> Yes <input type="radio"/> 1 → No <input type="radio"/> 3	<b>803</b> 1	<b>803</b> 2	<b>803</b> 3	<b>803</b> 4	<b>803</b> 5
b) Specialized Business Planning Services (SBPS)	<b>804</b> Yes <input type="radio"/> 1 → No <input type="radio"/> 3	<b>805</b> 1	<b>805</b> 2	<b>805</b> 3	<b>805</b> 4	<b>805</b> 5
c) Planning & Assessment for Value-added Enterprises (PAVE)	<b>806</b> Yes <input type="radio"/> 1 → No <input type="radio"/> 3	<b>807</b> 1	<b>807</b> 2	<b>807</b> 3	<b>807</b> 4	<b>807</b> 5

**IF QUESTION 2a) OR b) OR c) IS YES, GO TO SECTION M.**

3. Do you intend to participate in one or more of these programs in the future? ("X" one circle only)

- a) Yes ..... **808**  1
- b) No .....  3
- c) Need More Information .....  5
- d) Perhaps/Maybe .....  7
- e) Don't Know/ No Answer .....  9

**COMMENTS:**

**104**

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**SECTION M. FINANCIAL INFORMATION FOR SOURCES OTHER THAN THIS OPERATION**

For the Farm Financial Survey, **FAMILY** is defined as the operator, the operator's spouse and never married children residing in the same household.

• **REPORT TO THE NEAREST \$1,000**

**INCOME NOT FROM THIS OPERATION**

1. In **2004**, what was this **FAMILY**'s income from the following sources:

a) Wages and salaries (before deductions) from sources other than this operation  
 • Report **gross** wages and salaries .....

b) Interest, dividends (actually received) from sources other than this operation  
 • **Exclude** any money received from the **Producer Assistance Program** or **CAIS**  
 • **Exclude NISA** and **CSRA** withdrawals .....

c) Pensions  
 • **Include** CPP, QPP, Old Age Security, Registered Pension Plans (RPPs), RRSP withdrawals .....

d) Other income from **Government** programs for families or individuals  
 • **Include** employment insurance, Canada Child Tax Benefit, Family GST/HST credit  
 • **Exclude** any payments for farm programs

(please specify) **S691** \_\_\_\_\_

e) Other income **not** from this operation  
 • Report net income after expenses  
 • **Include** non-agricultural custom work, income from other farm operations, net rental income from other real estate, other business income  
 • **Exclude NISA** and **CSRA** withdrawals

(please specify) **S693** \_\_\_\_\_

Income not from this operation in 2004 THOUSANDS OF DOLLARS	
<b>668</b>	
	000
<b>669</b>	
	000
<b>670</b>	
	000
<b>690</b>	
	000
<b>692</b>	
	000

**ASSETS NOT FROM THIS OPERATION**

2. Excluding the assets of this farm operation which you previously reported (page 7, Section F), what was the value of any other assets **owned** by this **FAMILY** on **December 31, 2004**?

(e.g. - cash, stocks, bonds, RRSPs,  
 - assets of another farm/ranch operation,  
 - non-farm business assets, off-farm houses,  
 - the non-farm share of cars and trucks, machinery and equipment solely for personal use of family members, recreational vehicles) .....

Assets not from this operation on December 31, 2004	
<b>694</b>	
	000

**LIABILITIES NOT FROM THIS OPERATION**

3. Excluding the liabilities of this farm operation which you previously reported (page 8, Section G), what was the amount of any other debts **owed** by this **FAMILY** on **December 31, 2004** (e.g., non-farm mortgages, personal loans)? .....

Liabilities not from this operation on December 31, 2004	
<b>696</b>	
	000

**NOTE TO RESPONDENT**

This survey is being conducted jointly on behalf of Statistics Canada and Agriculture and Agri-Food Canada. You will be asked the appropriate information sharing question(s) at the time of the telephone interview.