

Catalogue no. 21F0005G

Whole Farm Database Reference Manual

2011



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December 2011

Catalogue no. 21F0005G
ISSN 1709-5859

Paper
ISSN 1715-3298

Frequency: annual

Ottawa

Cette publication est également disponible en français.

Note of appreciation

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

Symbols

The following standard symbols are used in Statistics Canada publications:

.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0 ^s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
p	preliminary
r	revised
x	suppressed to meet the confidentiality requirements of the Statistics Act
E	use with caution
F	too unreliable to be published
*	significantly different from reference category ($p < 0.05$)

Acknowledgements

Special thanks are extended to Agriculture and Agri-Food Canada for its contribution to the realization of this product.

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1 About Whole Farm Database

1.1 Introduction

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.

1.2 Background

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.¹ This is achieved by integrating data from various existing surveys and administrative sources to produce disaggregated statistics by farm type, revenue class and sub-provincial geographic regions.

1.3 Database structure

There are several major data sources currently offered in the WFDB which produce data annually, at the farm level: the Taxation Data Program (TDP), the National Farm Survey (NFS), the June Crops Survey (JCS), the July Livestock Survey (JLS), and the Farm Financial Survey (FFS). The WFDB can be used to produce estimates for selected domains **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:

- **Taxation Data Program²—1987 to 2009**
 - detailed revenues and expenses
 - additions and disposals of assets³
 - operator off-farm income (unincorporated only)⁴
 - operator off-farm income (unincorporated and incorporated)⁵
 - farm family off-farm income⁶
- **National Farm Survey^{7, 8}—1988 to 1992**
 - cropland acreages
 - livestock inventories
 - certain financial components⁹
- **June Crops Survey¹⁰—1993 to 2009**
 - crops – seeded area
- **July Livestock Survey¹⁰—1993 to 2009**
 - livestock inventories
- **Farm Financial Survey¹¹—1987 to 2009¹²**
 - capital investments and sales¹³
 - assets and liabilities
 - long-term capital borrowed¹⁴

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

1.4 Selection criteria

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 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 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](#).

1.5 Standard output formats

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 was developed for each data source. These standard output formats were developed to provide thorough coverage of the agriculture sector on an annual basis (see **Tables 1 to 5**).

Most of the variables used from the NFS, JCS, JLS and FFS data sources were drawn directly from the survey questionnaires. These variables are defined in the questionnaires (see [Appendix F](#)) and interviewer training manuals; both are available from [Agriculture Division](#). In contrast, TDP variables used in the standard outputs are predominantly custom aggregates of farm tax filer data (see [Appendix B](#) for descriptions).

1.6 Data quality

Sampling errors

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.

Coefficients of variation rating system

Symbol	Coefficient of variation range	Meaning
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

The c.v.—defined as the standard error divided by the sample estimate—is not always a good indicator of the precision for some variables. This is particularly true when the different values of a variable are positive and negative. In that case, the standard error of the estimate tends to be large and the estimate tends to be small or approaching zero, thus resulting in a high c.v. Therefore, the estimate might be near the exact population value and, at the same time, be rated as being unreliable. The variables net operating income, net operating income adjusted for capital cost allowance (CCA), net market income and net market income adjusted for CCA are in that situation and therefore, the c.v.’s calculated for these variables are not used. In order to give an indication of their precision, these variables have been assigned a data quality symbol based on the c.v. of variables from which they are derived.

For example, while net operating income values may fluctuate around zero, we have two distinct components (total operating revenues and total operating expenses) for which we can calculate c.v.’s. Data quality symbols are assigned as follows: 1) When the c.v. of both components is below 35.00% and the c.v. of at least one of the two components is between 25.00% and 34.99%, the symbol “E” is assigned. This symbol means that the estimate should be used with caution. 2) When the c.v. of at least one component is equal to or greater than 35.00%, the symbol “F” is assigned. This symbol means that the estimate is too unreliable to be published. 3) When the c.v. of both components is below 25.00%, no symbol is assigned. The quality of the estimates not accompanied by a data quality symbol is assessed to be “acceptable or better.”

Variables for which a c.v. cannot be calculated have been handled in a similar manner. The c.v. for the variables total income (including or excluding taxable capital gains) and total income adjusted for capital cost allowance (including or excluding taxable capital gains) cannot be evaluated. Total income is the sum of off- farm income and net operating income and is calculated in two different steps.

Non-sampling errors

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 TDP Census Subdivision (CSD) breakdowns, Census Agricultural Regions (CARs) cannot be reliably determined. In addition, until the 1992 taxation year, the 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, TDP estimates for the Peace River Region in British Columbia are not available for 1988 and 1989.

1.7 Confidentiality

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 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 base 10. With regard to the estimated number of farm operators, it is rounded to base 5 in the series of farm operators operating a single unincorporated agricultural holding and to 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.

-
1. For more information, please refer to: Mario Ménard, Denis Chartrand and Dave Culver. January 1992. *Report on User Consultations and Proposed Whole Farm Database Tabulations*. This report is available from the Agriculture Division of Statistics Canada.
 2. The 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.
 3. 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.
 4. Unincorporated sector only. Farm operators involved in a single farm operation.
 5. Farm operators operating incorporated and unincorporated agricultural holdings. Data available since 1993.
 6. Unincorporated sector only. Farm families involved in a single farm operation, 1989 to 2008 only.
 7. Since the 1993 reference year, the NFS has been replaced by the June Crops Survey and the July Livestock Survey.
 8. The NFS did not cover Newfoundland and Labrador for 1992.
 9. Prairie provinces only. These data are not available for 1992.
 10. The JCS did not cover Newfoundland and Labrador from 1993 to 1997. This province was excluded from the JLS in 1993 and 1994.
 11. The FFS was originally collected by Farm Credit Canada (previously Farm Credit Corporation) under the name “Farm Survey.” The dates are for reference years. Data are available on a biennial basis from 1987 to 2001 and available on an annual basis since 2002.
 12. There was an FFS in 1992 that covered only the Prairie provinces and British Columbia.
 13. Capital investments and sales data are collected biennially beginning in reference year 2005.
 14. This series was discontinued after 2006 data.

Table 1 Standard output formats – Taxation Data Program

Operating revenues		Operating expenses	
R000	Estimated number of farms		
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	R2105	Total crop expenses
R423	Other and non-specified small grains		
R2002	Other and non-specified grains and oilseeds	R245	Cattle purchases
R2005	Total grain and oilseed revenues	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)	R2110	Total livestock expenses
R3009	Other crops		
R2000	Total other crop revenues	R270	Small tools
		R2111	Net fuel expenses, machinery, truck, auto
R2020	Total crop revenues	R2112	Repairs, licenses and insurance
		R2120	Total machinery expenses
R2016	Cattle		
R441	Swine	R2121	Salaries (including CPP, QPP, EI)
R2017	Poultry and eggs	R2122	Rent
R443	Sheep and goats	R275	Insurance
R2018	Dairy products and subsidies	R285	Telephone (farm share)
R2019	Other livestock and products	R2123	Net electricity (farm share)
R2025	Total livestock and product revenues	R295	Heating fuel (farm share)
		R300	Custom work and machine rental
R3011	Program payments and insurance proceeds	R2126	Net interest expenses
R475	Custom work and machine rental	R2127	Net property tax
R2027	Rental income	R2128	Building and fence repairs
R2021	Other forest products	R2129	Marketing expenses
R2004	Cash advances (net)	R2131	Miscellaneous farm expenses
R2029	Miscellaneous revenues	R2135	Total general expenses
R2030	Total other revenues		
		R2140	Total operating expenses
R2040	Total operating revenues	R2500	Net operating income
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
R2045	Total income adjustments	R330	Capital cost allowance
		R331	Allowance on eligible capital property
R2050	Gross farm income for tax purposes	R350	Non-applicable expenses
		R2142	Other expense adjustments
		R2145	Total expense adjustments
		R2150	Total expenses for tax purposes

Table 1 Standard output formats – Taxation Data Program (concluded)

Off-farm Income¹			
R000	Estimated number of individuals or farm families		
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		
T6105	Total off-farm income (excluding T6091 Taxable capital gains)		
T6091	Taxable capital gains		
T6100	Total off-farm income (including T6091 Taxable capital gains)		
Additions and disposals of assets² – until the 1995 taxation year			
R000	Estimated number of farms		
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
S199	Total	S299	Total
Additions and disposals of assets² – 1996 to 1999 taxation year³			
R000	Estimated number of farms		
Additions		Disposals	
S140	Equipment	S240	Equipment
S141	Building	S241	Building
S142	Land	S242	Land
S150	Quota	S250	Quota
S160	Other	S260	Other
S198	Total	S298	Total

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

2. Net business portion.

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

Table 2 Standard output formats – National Farm Survey

Crops: Land Use		Livestock Inventories	
R000	Estimated number of farms		
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	C410	Total cattle and calves
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)
C1010	Total grains and oilseeds	C609	Pigs > 130 lb (> 60 kg)
		C610	Total pigs
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
C1020	Total dry field peas and beans	C301	Rams 1 year and over
		C331	Wethers 1 year and over
C217	Corn for fodder	C310	Total sheep and lambs
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	C1200	Total other livestock
C1030	Total other crop acreages		
C1050	Total crop acreages		
C222	Seeded pasture		
C219	Summerfallow		
C241	Other land		
C1100	Total area of farms		

Table 3 Standard output formats – June Crops Survey**Crops - Seeded area**

R000	Estimated number of farms		
C280	Total wheat	C217	Corn for fodder
C208	Oats	C220	Tame hay
C209	Barley	C218	Potatoes
C234	Canary seed	C227	Tobacco ¹
C235	Fababeans	C225	Other crops
C213	Mixed grains	C1030	Total other crop acreages
C282	Total rye		
C216	Corn for grain	C1050	Total crop acreages
C226	Buckwheat		
C215	Canola (Rapeseed)	C222	Seeded pasture ²
C228	Soybeans	C219	Summerfallow
C214	Flaxseed	C241	Other land ³
C224	Mustard seed		
C230	Sunflower seed	C1100	Total area of farms
C1010	Total grains and oilseeds		
C223	Dry peas		
C229	Beans (dry, white)		
C231	Lentils		
C236	Beans (dry, coloured)		
C1020	Total dry field peas and beans		

1. Applicable after the 1993 reference year.

2. For reference years 1993 to 2005, seeded pasture corresponds to improved land for pasture or grazing. Starting with reference year 2006, it corresponds to improved and unimproved land for pasture or grazing.

3. Prior to reference year 2006, also included unimproved land for pasture or grazing.

Table 4 Standard output formats – July Livestock Survey**Livestock inventories**

R000	Estimated number of farms		
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	C310	Total sheep and lambs
C402	Slaughter/feeder heifers 1 year and over		
C408	Steers 1 year and over	C335	Other livestock ¹
C409	Calves under 1 year		
C410	Total cattle and calves	C1300	Poultry ²
		C1301	Other fowl ²
C605	Boars 6 months and over	C1302	Mammals ²
C606	Sows for breeding and bred gilts		
C607	Pigs < 45 lb (< 20 kg)		
C608	Pigs 45-130 lb (20-60 kg)		
C609	Pigs > 130 lb (> 60 kg)		
C610	Total pigs		

1. Applicable for the 1994 reference year.

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

Table 5 Standard output formats – Farm Financial Survey

Assets		Liabilities	
R000	Estimated number of farms		
Current assets		Current liabilities	
F309	Cash, bonds, savings, stocks, shares, RRSPs ¹	F4401	Federal government ⁷
F658	Cash and short term investments ²	F401	Farm Credit Canada ^{8,9,10}
F305	Accounts receivable	F436	Advance Payments Program ⁸
F306	Inputs	F403	Provincial government
F307	Crops for sale ¹	F452	Banks and credit unions ¹¹
F661	Crops for sale (including greenhouse and nursery) ²	F407	Machinery and supply companies
F308	Market livestock	F408	Private individuals
F659	Other current assets ²	F409	Others ⁸
F3001	Total current assets	F441	Total current liabilities
Long-term assets		Long-term liabilities	
F301	Farm land and buildings owned	F4402	Federal government ¹²
F302	Breeding and replacement livestock ¹	F481	Farm Credit Canada ^{9,13}
F662	Breeding, replacement and other livestock ²	F483	Provincial government
F303	Machinery and equipment ³	F453	Banks and credit unions ¹¹
F317	Machinery and equipment ⁴	F487	Machinery and supply companies
F304	Quota	F488	Private individuals
F656	Income Stabilization Account Balances ⁵	F489	Others ¹³
F685	Compte de stabilisation du revenu agricole (CSRA) ⁶	F4001	Total long-term liabilities
F673	Long-term investments ²		
F663	Other long-term investments ²		
F3002	Total long-term assets	F4002	Total farm liabilities
F391	Other assets ¹	F450	Non-farm liabilities ¹
F3003	Total farm assets	F4003	Total net worth
F350	Non-farm assets ¹		
Capital			
R000	Estimated number of farms		
Capital investments¹⁴		Long-term capital borrowed²¹	
F201	Farm real estate purchased	F5501	Federal government ²²
F202	Land improvements ¹⁵	F581	Farm Credit Canada ^{23,24}
F203	House construction or major renovation	F583	Provincial government
F212	Manure storage construction or major renovation ¹⁶	F454	Banks and credit unions ²⁵
F213	Pesticide, chemical or fuel storage construction or major renovation ¹⁶	F587	Machinery and supply companies
F204	Other building construction or major renovation ¹⁶	F588	Private individuals
F214	Environmental protection improvements ¹⁵	F589	Others ²³
F205	Breeding and replacement livestock	F5001	Total long-term capital borrowed
F206	Quota purchased		
F264	Gross expenditures for machinery and equipment ¹⁷		
F261	Farm machinery and equipment ¹⁸		
F217	Other farm assets		
F2001	Total capital investments¹⁹		
F250	Total non-farm investments¹		

Table 5 Standard output formats – Farm Financial Survey (concluded)**Capital sales¹⁴**

F233	Land and buildings
F237	Machinery and equipment traded in ¹⁷
F234	Machinery and equipment sold outright
F235	Quota sold
F236	Breeding and replacement livestock
F238	Other farm assets ²
F2002	Total capital sales²⁰

1. Applicable before the 1997 reference year.
2. Applicable after the 1995 reference year.
3. Applicable before the 1999 reference year.
4. Applicable after the 1997 reference year.
5. From 1995 to 2007, the data represent the balance outstanding from all funds of the Net Income Stabilization Account (NISA). Beginning in 2009, the data represent the balance outstanding in the AgrInvest account(s). The balance of NISA accounts was not asked for on the FFS 2008 questionnaire.
6. From 2002 to 2007, the data represent the balance outstanding in the CSRA accounts—Quebec only. The balance of CSRA accounts was not asked for on the FFS 2008 questionnaire.
7. 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.
8. 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.
9. 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.
10. Starting with reference year 2007, Farm Credit Canada no longer offers short-term financing.
11. Prior to reference year 2009, liabilities data produced from the FFS were published for banks and credit unions/caisses populaires separately. These two sources of debt have been combined to enhance the quality of the published data.
12. 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.
13. Starting with reference year 1999, FCC liabilities are shown as a separate category, and the other federal liabilities are included in the "Others" category.
14. Capital investments and capital sales data are collected biennially beginning in reference year 2005.
15. Prior to reference year 2001, "Land improvements" included "Environmental protection improvements."
16. Prior to reference year 2001, "Other building construction or major renovation" included "Manure storage construction or major renovation" and "Pesticide, chemical or fuel storage construction or major renovation."
17. Applicable after the 1991 reference year.
18. Applicable before the 1992 reference year.
19. 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.
20. After the 1991 reference year, includes machinery and equipment traded in.
21. This series was discontinued after 2006 data.
22. 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.
23. 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.
24. 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.
25. Long-term capital borrowed data produced from the FFS were published for banks and credit unions/caisses populaires separately. These two sources of debt have been combined to enhance the quality of the published data.

2 Products and services

2.1 Introduction

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.

2.2 Statistics on Income of Farm Operators ([21-206-X](#))

This publication 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.

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

2.3 Statistics on Income of Farm Families ([21-207-X](#))

This publication 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 off-farm income, total family income and revenue class). Distributional tables on income of farm families are also presented. This publication also includes data highlights and information on concepts, methods and data quality.

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

2.4 Statistics on Revenues and Expenses of Farms ([21-208-X](#))

This publication 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 specialization 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 organizations provide the statistical basis for this publication.

Note: Starting with reference year 2005, *Statistics on Revenues and Expenses of Farms* is a biannual publication. The first issue provides the preliminary estimates for the reference year and the second issue, the final estimates.

2.5 Farm Financial Survey (FFS) ([21F0008X](#))

This publication 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, it also includes historical data. Charts and text outlining concepts, methods and data highlights supplement the tables.

2.6 Canadian Farm Financial Database (CFFD) ([21F0001X](#))

The CFFD is an easy-to-use tool which provides the means to evaluate agriculture policies and programs as well as analyze the viability, stability and competitiveness of farm businesses. This web-based product is a comprehensive and timely database of administrative and survey sources of agricultural statistics, containing thousands of cross-classified data series, spanning two decades. The database offers detailed operating revenues and expenses; sources and levels of farm and off-farm income for operators and farm families; assets, liabilities, capital investments and capital sales for farms; and information on seeded area and livestock inventories by region, type of farm and revenue class.

2.7 Customized requests

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 1.3](#), 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, CD-ROM or by e-mail.

Due to the high level of disaggregation 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.

2.8 Ordering WFDB products and services

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.gc.ca

Appendix A Description of core variables

Regional information

Province¹: 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^{1,2}: More commonly referred to as a **CAR**, this sub-provincial 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. In Prince Edward Island, each of the three existing census divisions (counties) is treated as a census agricultural region for the purpose of disseminating statistical data. 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 consolidated subdivision: A census consolidated subdivision (CCS) is a grouping of adjacent census subdivisions. Generally, the smaller, more urban census subdivisions (e.g., towns, villages) are combined with the surrounding, larger, more rural census subdivision to create a geographic level between the census subdivision and the census division. A census subdivision with a land area greater than 25 square kilometres can form a census consolidated subdivision of its own. Census subdivisions having a land area smaller than 25 square kilometres are usually grouped with a larger census subdivision. A census subdivision with a land area greater than 25 square kilometres and surrounded on more than half its perimeter by another census subdivision is usually included as part of the CCS formed by the surrounding census subdivision. Also, a census subdivision with a population greater than 100,000 (according to the last census) usually forms a census consolidated subdivision of its own. The name of the census consolidated subdivision usually coincides with its largest census subdivision component in terms of land area.

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.

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

North American Industry Classification System (NAICS)

Starting with the 2001 reference year, data for all data sources offered on the WFDB are compiled based on the North American Industry Classification System (NAICS 2002), which replaces the 1980 Standard Industrial Classification (SIC)³. Historical data series for all data sources have been reproduced based on NAICS in order to facilitate the transition between the SIC⁴ and NAICS.

In 2007, NAICS was revised to reflect changes to Canadian and world economies, which continue to impact on classification systems. Starting with reference year 2007, NAICS 2007 replaces NAICS 2002. The impact on farm types is negligible.

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 of the three economies. NAICS is based on supply-side or production-oriented principles, to ensure that industrial data, classified to NAICS, are suitable for the analysis of production-related issues such as 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 industry, and the sixth digit designates national industries. NAICS with Canadian detail is designated NAICS Canada.

Taxation Data Program (TDP)

Starting with the 2001 reference year, the TDP adopted the North American Industry Classification System. The TDP series based on the 1980 SIC-E were published up to 2001 reference year (preliminary data) and are no longer produced. Previous years' data going back to 1987 have been rebased to NAICS 2002. Each record has been revisited and the farm type has been reassigned according to NAICS 2002. Starting with reference year 2007, NAICS 2007 replaces NAICS 2002.

Farm Financial Survey (FFS)

Reference year 2001 was 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 2002. Starting with reference year 2007, NAICS 2007 replaces NAICS 2002.

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 was the last year for which JCS and JLS data were produced on an SIC basis. Starting with reference year 2007, NAICS 2007 replaces NAICS 2002.

Farm type¹: 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%⁵ 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 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%.

Listed below are the 11 standard farm types that serve as a basis in the WFDB. These farm types are also found in the most current version of the **Canadian Farm Financial Database** (21F0001X). 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. Establishments in these industries may use traditional crop production methods, employ modified or improved crop inputs or engage in organic crop production.

An establishment is classified to a NAICS industry or a national level industry within this subsector provided that 50% or more of the establishment's agricultural production consists of the crops of the industry. Establishments with 50% or more in crop production and with no one product or family of products of an industry accounting for 50% of the production are treated as combination crop farms and classified to 11199, All Other Crop Farming, except for establishments with 50% 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, yams and seed 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 50% or more of the establishment's agricultural production consists of the products of that industry. Establishments with 50% or more in animal production and with no one product or family of products of an industry accounting for 50% 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 50% 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 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**.

Revenue¹: 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 inter-farm sales.

The WFDB makes use of standard revenue classes, which are available for the pre-established tables. 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 to \$999,999
\$1,000,000 and over

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

Operator information

Age: Data on the age of the farm operators are available from the TDP.

Sex: Data on the gender of the farm operators are also available from the TDP.

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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1. Variables currently available on CFFD.
 2. The CARs are outlined on the maps found in [Appendix E](#). All the maps are based on the 2006 Census of Agriculture boundaries.
 3. 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).
 4. The SIC is a system developed by Statistics Canada for arranging producing units into industries.
 5. The rule of 51% or more of the sales was used by the WFDB to determine the primary farm type on the SIC basis.

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

Farm types	NAICS codes	Taxation Data Program	Farm Financial Survey	June Crops Survey	July Livestock Survey	National Farm Survey
Crop production	111	available	available	available	available	available
Oilseed and grain farming	1111	available	available	available	available	available
Soybean farming	111110	available	.	.	.	.
Oilseed (except soybean) farming	111120	available	.	available	available	available
Dry pea and bean farming	111130	available	.	available	available	available
Wheat farming	111140	available	.	available	available	available
Corn farming	111150	available	.	available	available	available
Rice farming	111160	.	.	.	.	.
Other grain farming	111190	available	available	available	available	available
Vegetable and melon farming	1112	available	available	available	available	available
Potato farming	111211	available	available	available	available	available
Other vegetable (except potato) and melon farming	111219	available	available	available	available	.
Fruit and tree nut farming	1113	available	available	available	available	.
Orange groves	111310	.	.	.	.	.
Citrus (except orange) groves	111320	.	.	.	.	.
Non-citrus fruit and tree nut farming	111330	.	.	.	.	.
Greenhouse, nursery and floriculture production	1114	available	available	available	available	available
Mushroom production	111411	available	.	available	available	.
Other food crops grown under cover	111419	.	.	.	.	.
Nursery and tree production	111421	.	.	.	.	.
Floriculture production	111422	.	.	.	.	.
Nursery, floriculture and other greenhouse production	111488 ¹	available	available	available	available	available
Other crop farming	1119	available	available	available	available	available
Tobacco farming	111910	available	available	available	available	available
Cotton farming	111920	.	.	.	.	.
Sugar cane farming	111930	.	.	.	.	.
Hay farming	111940	available	.	available	available	available
Fruit and vegetable combination farming	111993	available	.	available	available	available
Maple syrup and products production	111994 ²	available	available	available	available	.
All other miscellaneous crop farming	111999	available	available	available	available	available
Animal production	112	available	available	available	available	available
Cattle ranching and farming	1121	available	available	available	available	available
Beef cattle ranching and farming, including feedlots	112110	available	available	available	available	available
Dairy cattle and milk production	112120	available	available	available	available	available
Hog and pig farming	1122	available	available	available	available	available
Hog and pig farming	112210	available	available	available	available	available

See footnotes at the end of the table.

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

Farm types	NAICS codes	Taxation Data Program	Farm Financial Survey	June Crops Survey	July Livestock Survey	National Farm Survey
Poultry and egg production	1123 ³	available	available	available	available	available
Chicken egg production	112310 ⁴	available	available	available	available	available
Broiler and other meat-type chicken production	112320	.	available	.	.	available
Turkey production	112330	.	available	.	.	.
Combination poultry and egg production	112391	.	.	.	.	.
All other poultry production	112399	.	available	.	.	.
Broiler, turkey and all other poultry production	112388 ¹	available	available	available	available	available
Poultry hatcheries	112340	available	.	available	available	.
Sheep and goat farming	1124	available	available	available	available	available
Sheep farming	112410	.	.	.	.	.
Goat farming	112420	.	.	.	.	.
Aquaculture	1125	.	.	.	.	.
Aquaculture	112510	.	.	.	.	.
Other animal production	1129	available	available	available	available	available
Apiculture	112910	available	available	available	available	.
Fur-bearing animal and rabbit production	112930	available	available	available	available	.
Horse and other equine production	112920	.	available	.	.	.
All other miscellaneous animal production	112999	.	available	.	.	.
Horse and all other animal production	112988 ¹	available	.	available	available	.
Animal combination farming	112991	available	available	available	available	available
Other animal production	112888 ^{1,5}	available	available	available	available	available

1. Agriculture Division of Statistics Canada created these codes. The official NAICS coding is 1114A, 1123A, 1129A and 112A.

2. New NAICS industry for 2007. In the Farm Financial Survey, NAICS code 111994 is only available since 2008.

3. Starting with reference year 2001, NAICS code 1123 includes NAICS code 112340 for the Taxation Data Program, the June Crops Survey and the July Livestock Survey.

4. Starting with reference year 2002, hatcheries are included with chicken egg production in the NAICS classification for the Farm Financial Survey.

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

Appendix B Description of TDP variables

The WFDB offers a wide range of physical and financial variables from several survey sources. The suggested formats are listed in [Tables 1 to 5](#). 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 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 include:

R2020 Total crop revenues include:

R2005 Total grain and oilseed revenues include:

- R400 All wheat—winter wheat, spring wheat, durum wheat, red spring wheat and utility wheat¹
- R401 Oats¹
- R402 Barley¹
- R405 Canola (Rapeseed)¹
- R406 Soybeans¹
- R407 Corn—grain corn and seed corn¹
- R423 Other and non-specified small grains—used when an aggregate amount or an amount for other small grains is reported¹
- 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 oilseeds¹

R2000 Total other crop revenues include:

- R410 Potatoes—table potatoes, seed and processing potatoes
- 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 include:
 - 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)
 - 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 crops² include:
- 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 include:

- R2016 Cattle includes:
- Livestock sold—cattle—steers (feeder and stocker), heifers, cows (dairy and beef), calves and bulls
 - Embryo transplants³
- R441 Swine (also referred to as hogs)—weaner pigs, gilts, feeders, sows, stags, boars, and pigs
- R2017 Poultry and eggs include:
- 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 eggs⁴
- R443 Sheep and goats—sheep, goats, lambs, wool, and goat's milk
- R2018 Dairy products and subsidies include:
- Milk and cream—for both fluid and industrial purposes
 - Dairy subsidies⁵
- R2019 Other livestock and products include:
- 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 Aquaculture⁴
- R499 Artificial insemination, semen, stud services⁴ and embryo transplants⁶

R2030 Total other revenues include:

- R3011 Program payments and insurance proceeds—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. Payments from federal and provincial Business Risk Management and disaster assistance programs are also included.

Payments received from the AgriInvest Kickstart Program and withdrawals from AgriInvest account (Fund 2)—which contains government contributions and interest earned on both Fund 1 and Fund 2—by unincorporated operators are included in off-farm income while payments from Canadian Agricultural Income Stabilization (CAIS) program⁷ and AgriStability, including interim or targeted

advance payments, are included in program payments and insurance proceeds. Wind-down payments from Net Income Stabilization Account NISA⁸ (taxable amounts paid out of NISA Fund 2 account) received by unincorporated operators are also included in off-farm income.

Payments from AgriStability, AgriInvest, CAIS and NISA to incorporated operators are included in program payments and insurance proceeds.

Dairy subsidies⁵ are not included in program payments.

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:

- Quota rental income— (milk quota, tobacco quota, etc.)
- Rental income—land and buildings
- Other rental income—surface rental of oil or natural gas properties, right-of-way or road rent

R2021 Other forest products include:

- Wood (including stumpage fees)—logs, trees, wooden fence posts or any related forest products such as chips or slab wood less logging expenses

R2004 Cash advances (Net)—cash advances less cash advances repayment
Note: this includes any Wheat Board Payments reported on statement.

R2029 Miscellaneous revenues include:

- Quota refund or levy refunds
- Sand or gravel—sand, gravel, soil or top soil
- GST
- Patronage dividends—grain pools, payments from cooperatives, co-op proceeds, etc.
- Other farm income excluding rental income—miscellaneous, other or sundry income
- Profit share income (or share)
- Inputs bought for resale—sold—agricultural commodities sold which were bought, but no agricultural process applied to them (i.e., fertilizers sold for resale, chemicals sold for resale, wood sold for resale, etc.)
- Outputs bought for resale—sold—agricultural commodities bought in addition to what was grown or produced (i.e., grains, fruit, produce, vegetables or berries, etc.)
- Horse racing income (<100%—relates to horse racing expenses) (used when any horse racing expenses reported)
less
inputs bought for resale (see inputs bought for resale)
outputs bought for resale (see outputs bought for resale)
horse racing expense (<100%—see horse racing income)

R2045 Total income adjustments include:

R458 Quota sale income

R469 Capital cost allowance (CCA) recaptured—capital cost allowance recovered, recaptured from last year, etc.

R2041 Inventory adjustments include:

- Mandatory inventory adjustment⁹
- Optional inventory adjustment⁹

R2042 Non-applicable income—income not earned from the sale of farm products

R2050 Gross farm income for tax purposes (R2040 plus R2045)

Expenses

R2140 Total operating expenses include:

R2105 Total crop expenses¹⁰ include:

- 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
- 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 include:
 - Irrigation—any expense directly associated with irrigation on the farm including water rights
 - Crop supplies—used when an aggregate or a single amount is reported for "crop supplies"

R2110 Total livestock expenses include:

- R245 Cattle purchases—cattle, feeders, stockers, dairy or beef cows, bulls, and calves¹¹
- R246 Swine purchases—hogs such as service boars, gilts, sows, and weaner pigs¹¹
- R247 Poultry and egg purchases—chicks, pullets, broilers, layer hens, ducks, geese, turkeys, and other fowl¹¹
- R248 Sheep and lamb purchases—sheep, lambs, and goats¹¹
- R249 Other livestock purchases—horses, ponies, minks, foxes, rabbits, ostriches, and bees (or colonies)¹¹
- 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 include:
 - D.H.I.A. and animal grading—Dairy Herd Improvement Association expenses and animal grading
 - Dairy or livestock supplies

R2120 Total machinery expenses include:

- R270 Small tools

- R2111 Net fuel expenses, machinery, truck, auto include:
- Machinery and truck expenses—gasoline, diesel and oil
 - Automobile expenses (farm share)—gasoline and oil less gasoline tax rebates
- R2112 Repairs, licenses and insurance include:
- Machinery and truck expenses—repairs, licenses and insurance
 - Automobile expenses (farm share)—repairs, insurance and licenses/permits

R2135 Total general expenses include:

- R2121 Salaries (including CPP, QPP, EI) include:
- Salaries (including CPP, QPP, or EI)—wages and salaries paid to hire help together with the cost of their room and board. Also includes wages and salaries paid to children and spouses and all employee benefits. For the unincorporated sector, this component is net of wages and salaries paid to self or partners.
- R2122 Rent includes:
- R205 Rent—land, buildings and pasture
- R318 Quota rental
- R275 Insurance
- R285 Telephone (farm share)
- R2123 Net electricity (farm share) includes:
- Electricity (farm share) less 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 include—interest paid on real estate mortgages, machinery loans, etc. less interest rebates
- R2127 Net property tax includes:
- Property taxes on agricultural land and buildings as well as farm share of principal dwelling, also school and municipal taxes less property tax or land rebates
- R2128 Building and fence repairs
- R2129 Marketing expenses include:
- 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 include:
- Accounting, legal, office, advertising, memberships, subscriptions
 - Insurance program overpayment recapture
 - Share expenses
 - Sand, soil and gravel
 - Other farm expenses—miscellaneous or sundry
 - Farm supplies—e.g., oxygen and acetylene
 - Stabilization levies or fees (government levies)
 - Maple product expenses—when aggregate reported
 - Wood expenses—when aggregate reported
 - Raising expenses—when aggregate reported
 - Expense for bad debts (incorporated farms only)
 - Business use of home expense

R2500 Net operating income (R2040 total operating revenues less R2140 total operating expenses)

R2145 Total expense adjustments include:

R310 Clearing and improving land—drilling or digging wells, removing stumps or rocks, etc.

R316 Tile drainage

R2141 Inventory adjustments include:

- Mandatory inventory adjustment⁹
- Optional inventory adjustment⁹

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 include:

- Quota purchased
- Capital tax

R2150 Total expenses for tax purposes (R2140 plus R2145)

Off-farm income¹²

Total off-farm income includes:

T6010^{13,14} Wages and salaries include:

- Employment income before deductions (line 101 of the T1 General—Income Tax and Benefit Return)
- Other employment income including tips and gratuities (line 104)

T6020 Net business income (line 135)

T6030 Net professional income (line 137)

T6040 Net commission income (line 139)

T6050 Net fishing income (line 143)

T6060 Net off-farm self-employment income

T6070 Investment income includes:

- Actual amount of dividends from taxable Canadian corporations (taxable amount reported on line 120 of the T1 General—Income Tax and Benefit Return and then grossed down to the actual amounts received)
- Net rental income (line 126)
- Interest and other investment income (line 121)
- Net limited partnership income (line 122)

T6080 Pension income¹⁵ includes:

- Old Age Security pension (line 113)
- CPP and QPP benefits (line 114)
- Other pensions or superannuation (line 115)
- Net federal supplements¹⁶ (line 146)

T6090 Other off-farm income includes:

- Universal Child Care Benefit¹⁷ (line 117)
- Family allowance payments (applicable before 1993) (line 118)
- Employment Insurance¹⁸ and other benefits (line 119)
- Registered disability savings plan income¹⁹ (line 125)
- Taxable amount of support payments received (line 128)
- Other income (line 130)
- Worker's compensation benefits¹⁶ (line 144)
- Social assistance payments¹⁶ (line 145)
- Canada Child Tax Benefit²⁰
- Quebec family allowance²¹
- British Columbia family allowance²²
- Family allowance²³

T6092 RRSP (Registered retirement savings plan income)²⁴ (line 129)

T6095 Total other off-farm income

T6105 Total off-farm income (excluding T6091 Taxable capital gains)

T6091 Taxable capital gains (line 127)

T6100 Total off-farm income (including T6091 Taxable capital gains)

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
Class 3	5% Buildings acquired between 1978 and 1988 Cement, steel, or stone docks Cement or stone breakwaters

Class 6	10% Wood breakwaters Greenhouses Fences—all types Wood, galvanized or portable buildings and component parts
Class 7	15% Boats and component parts
Class 8	20% Bee equipment Grain or seed cleaners Storage buildings Drawn hay bailers and stokers Tools over \$200 Silo and silo fillers, etc.
Class 9	25% Aircraft acquired after May 25, 1976 Electric-generating equipment acquired before May 26, 1976 (not exceeding 15 Kw)
Class 10	30% Automobiles (incl. passenger vehicles—Class 10.1) Tractors, trailers, trucks, wagons and sleighs, etc. Computer hardware and systems software
Class 12	100% Tools under \$200
Class 16	40% Aircraft acquired before May 26, 1976
Class 17	8% Roads and other surface areas (paved or concrete)
Class 34	25 – 50% Wind-energy conversion equipment
Class 50	Quota ²⁵
Class 60	Other ²⁵

Additions and disposals of assets²⁶ 1996 to 1999 taxation years

Equipment (S140 and S240)

Class 7	Boats and component parts
Class 8	Bee equipment Grain or seed cleaners 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
Quota²⁵	(S150 and S250)	Class 50 Quota
Other²⁵	(S160 and S260)	Class 60 Other
Total	(S198 and S298)	

1. Data for this variable were imputed to a greater extent for the data years 1996 to 2004 since the unincorporated source of electronically filed taxation data (EFILE) had no breakdown of grains and oilseeds available.
2. Prior to 1993, also included unspecified crops (Quebec only)—used when an aggregate amount for crop revenues was reported.
3. Prior to 1996, included also artificial insemination, semen and stud service. This variable is no longer available since 1997.
4. Only available since 1996 in the TDP.
5. The federal dairy consumer subsidy has been phased out over a five-year period ending January 31, 2002.
6. Embryo transplants have been included since 1997.
7. The CAIS program is being phased out. CAIS payments will continue for a few more years since producers can make claims going back a few historical years.
8. Rules to wind down NISA accounts required producers to withdraw all their funds prior to March 31, 2009.
9. For definitions, please refer to Farming Income Tax Guide available from Canada Revenue Agency.
10. Prior to 1990, also included non-specified greenhouse and nursery expenses—used when an aggregate amount was reported for greenhouse and nursery.
11. Data for this variable are imputed to a greater extent for data years 1996 and beyond since most of the data sources (printed forms and electronic forms for unincorporated farms and the General Index of Financial Information (GIFI) for incorporated farms) have no breakdown of livestock purchases available.
12. Most of the items that follow are from the Canada Revenue Agency Taxation T1 General Taxation Form, which are defined in Your Guide: Federal and Provincial Tax Guide and Returns.
13. 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.
14. Prior to 1988, other allowable expenses (line 109 of the T1 General—Income Tax and Benefit Return) were subtracted.
15. Starting in 2007, spouses or common-law partners may jointly elect to split pension income. To avoid double-counting, the amount reported by the pension transferee is not included in the estimates, as the full pension amount has been reported by the pensioner. Effective from 1992.
16. The Universal Child Care Benefit (UCCB) program for children under 6 years of age was introduced in July 2006.
17. On July 1, 1996, the Unemployment Insurance program officially became known as the Employment Insurance program.
18. Starting with reference year 2008, the registered disability savings plan income is included in the statistical series on off-farm family income. Starting in 2009, this income is also included in the off-farm operator income series.
19. 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.
20. 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.
21. Applicable for the 1994 to 1996 reference years. These benefits were only included in the off-farm family income estimates.
22. Applicable for the 1996 reference year. These benefits were only included in the off-farm family income estimates.

23. Family allowances for Alberta, British Columbia, New Brunswick and Quebec have been included under “family allowance” since 1997; provincial family allowances for Nova Scotia and Ontario, since 1998; and those for Newfoundland and Labrador, since 1999. In Saskatchewan, the provincial family benefits program began in 1998 and was terminated in 2008. In Manitoba, the provincial family benefits program began in 2008. These benefits were not included in the 2008 off-farm family income estimates. Provincial family allowances are only included in the statistical series on off-farm family income.
24. 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.
25. Agriculture Division of Statistics Canada created these classes.
26. All sectors covered to 1995. From 1996 to 1999, data series only covers incorporated sector and communal farming organizations. Series discontinued after 1999 data.

Appendix C Survey samples and methodologies

Taxation Data Program

The sample

The Taxation Data Program (TDP) samples unincorporated and incorporated tax filer records annually to estimate a range of financial agricultural variables. Detailed revenues and expenses, and off-farm income of operators and farm families compose the variables produced by the TDP. All of the standard variables and their codes are listed in [Table 1](#).

From 1987 to 1989, the TDP sampled both sectors (incorporated and unincorporated) for all of the non-Prairie provinces. 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

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 CORTAX¹ (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)² and that have sales equal to or greater than \$25,000.

In 2009, the sampling rates for the unincorporated sector varied from a complete census in Newfoundland and Labrador to about 39% in Quebec. For the incorporated sector, the sampling rates ranged from a complete census in the Atlantic provinces to about 15% in Saskatchewan and Alberta.

The source of data of the unincorporated sector is currently comprised of three different types of tax filer returns: printed forms, electronic forms (since 1992) and joint AgriStability/AgrilInvest-CRA³ tax returns (since 2007). (From 1997 to 2002, joint NISA-CRA⁴ forms were used and from 2003 to 2006, joint CAIS-CRA⁵ forms were used.) There are three types of printed forms: traditional printed forms, printed forms that are completed using tax preparation software designed to produce only paper records and printed forms that are completed using tax preparation software that print a two-dimensional bar code on the bottom of the first page of the returns. Unincorporated farm data originating from traditional printed forms or from printed forms with no bar code on them are captured by CRA staff at several CRA regional taxation centres and forwarded to StatCan in electronic format. Since 2007, data on printed forms with a bar code printed on the first page of the return are captured in electronic format by scanning the bar code on them and forwarded to StatCan. CRA also supplies StatCan with the electronically filed returns and with data from the joint AgriStability/AgrilInvest-CRA farming return throughout the year. All AgriStability/AgrilInvest returns are processed at the Winnipeg Tax Centre.

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. Since the 2000 taxation year, corporate farming data have been supplied electronically by CRA from a file termed General Index of Financial Information (GIFI).

During the tax-processing period for the communal farming organizations, CRA forwards copies of the tax returns with the supporting documentation to StatCan. Data capture is then carried out in an interactive mode performing basic edit checks.

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 revenue 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 tax filer population.

More information on the sample and methodology of the TDP is available in the publication *Statistics on Revenues and Expenses of Farms* ([21-208-X](#)).

Note: Since the 1993 taxation year, communal farming organizations have been in-scope for the Taxation Data Program. A census of communal organizations that reported farming income on their T3 Trust Income Tax and Information Return is performed.

Taxation Data Program—Off-farm income

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 operators' 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 TDP because they are the result of a record linkage. TDP tax records are linked with a family file to produce total estimates for farm families. The family file is created by the Income Statistics Division⁶ within Statistics Canada. Income Statistics Division's family file (T1FF) combines individual taxation records in order to create groups modeled after Census families⁷.

The 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 TDP family sample is in effect a subsample of the regular TDP sample.

More information on the sample and methodology of the TDP off-farm family income estimates is available in the publication *Statistics on Income of Farm Families* ([21-207-X](#)).

National Farm Survey

The sample

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](#). For the 1988 to 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

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.

June Crops Survey

The sample

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

The JCS is about crop seeded areas in Canada. Farmers surveyed are asked to report their seeded areas of grain, oilseeds and special crops. All of the JCS variables that are recommended by the WFDB for the suggested formats are listed in [Table 3](#).

The methodology

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 farms and their crop areas from which a probability sample for the June Crops Survey is selected.

Since 1996⁸, a list-type frame has been used for the June Crops Survey. This list-type frame represents 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 (i.e., farm size and crop area) and sub-provincial geographic boundaries.

The data collection process is conducted using the Computer-Assisted Telephone Interview (CATI) collection system. Edit procedures can be performed during the interview therefore lessening the need for telephone follow-up and reducing respondent burden and survey processing time. No imputation is carried out for missing data. Initial sample weights are adjusted through a process called raising factor adjustment in cases of partial or total non-response.

More information on the sample and methodology of the JCS is available in the publication *Field Crop Reporting Series: Preliminary Estimates of Principal Field Crop Areas, Canada* ([22-002-X](#)).

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, 2001 and 2006 censuses of agriculture.

July Livestock Survey

The sample

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.

Data are collected by means of the Computer-Assisted Telephone Interview (CATI) collection system, although there are special procedures in place for the very large or complex operations. All of the WFDB suggested formats for these data are listed in [Table 4](#).

The methodology

Every five years, during the Census of Agriculture collection process, 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 pastures, community pasture reserves, etc.

Since 1996⁸, a list-type frame has been used for the July Livestock Survey. This list represents all farms identified in the most recent Census, except for institutional farms, community pastures, farms on Indian reserves and farms in the territories. The list is updated to include new entrants, particularly large hog operations. In 1993 and 1994, Newfoundland and Labrador was excluded from the frame.

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

More information on the sample and methodology of the JLS is available in publications *Cattle Statistics* (23-012-X), *Hog Statistics* (23-010-X) and *Sheep Statistics* (23-011-X).

Note: Total estimates on cattle and calves, pigs, and sheep and lambs inventories that are 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, 2001 and 2006 censuses of agriculture.

Starting with reference year 2009, only operations that reported inventory of cattle and calves, pigs, and/or sheep and lambs at July 1 are included in the JLS estimates that are part of the WFDB. Previous years' data going back to 1998 have been reproduced to reflect this change.

Farm Financial Survey

The sample

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.

For reference years 1995 to 2001, the Farm Financial Survey collected data on a biennial basis. Starting with reference year 2002, the FFS became an annual survey with a sample of approximately 18,000 farms. Since reference year 2007, the sample is approximately 14,000 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 5](#).

Since the 1997 reference year, the target population of the Farm Financial Survey (FFS) has been excluding operations that reported less than \$10,000 in gross farm receipts on the Census or in the FFS (the most recent Census is used as the universe for the FFS samples). For comparability purposes, FFS data files for previous reference years (1991, 1992, 1993 and 1995) have been adjusted to match the 1997 target population by excluding operations that reported less than \$10,000 in gross farm receipts on the Census. These exclusions have reduced the totals somewhat for these reference years. Institutional farms, community pastures, farms on Indian reserves and farms that are part of multi-holding companies are also excluded from the target population.

The methodology

The Farm Financial Survey uses only a list frame since 1996⁹ to estimate detailed financial variables. In past survey occasions, fiscal farms were added to the frame. Since reference year 2003, however, fiscal farms are not added. For reference years 2003 to 2006, farms contacted by the Farm Update Survey (FUS) were the main source of additional farms. The FUS used tax return information to contact a sample of new farms or farms missed by the 2001 Census. Farms determined to be active and with a gross farm income greater than \$50,000 were added to the list frame. For reference years 2007 to 2009, however, no non-Census farms were added to the frame. For reference year 2010, the Continuous Frame Update (CFU), which can be thought of as a completely redesigned FUS, will be used to identify farms that should be added to the survey frame.

Two main sources of frame under-coverage remain: new farms that started their activities after Census 2006, and farms whose sales in 2005 were less than the \$10,000 threshold, but which have surpassed the threshold since then.

The survey information is collected using a CATI application. 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 FFS is available in the publication *Farm Financial Survey* ([21F0008X](#)).

More detailed information on the methodology of the 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.

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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. CRA: Canada Revenue Agency.
 4. NISA: Net Income Stabilization Account. CRA: Canada Revenue Agency.
 5. CAIS: Canadian Agricultural Income Stabilization. CRA: Canada Revenue Agency.
 6. On April 1st 2010, the Small Area and Administrative Data Division was merged with the Income Statistics Division.
 7. Census family refers to a married couple and the children, if any, of either or both spouses; a couple living common law and the children, if any, of either or both partners; or, a lone parent of any marital status with at least one child living in the same dwelling and that child or those children. All members of a particular census family live in the same dwelling. Children may be children by birth, marriage or adoption regardless of their age or marital status as long as they live in the dwelling and do not have their own spouse or child living in the dwelling. Grandchildren living with their grandparent(s) but with no parents present also constitute a census family. 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.
 8. The Area Frame Survey was conducted for the last time in 1995.
 9. The Area Frame Survey was conducted for the last time in 1995. Also, there was no area frame in 1988.

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

Reference year	Variables	Availability	Sample size ¹ usable records		Total ⁷
			Unincorporated sector (T1) ^{2,6}	Incorporated sector (T2) ^{3,7}	
Number of tax records					
1987	Revenues and expenses and Additions and disposals	All provinces except Prairies	36,301	4,360	40,661
	Operator off-farm income (T1 only) ⁴	All provinces except Prairies	34,628	...	34,628
1988 ⁵	Revenues and expenses and Additions and disposals	All provinces except Prairies	25,210	4,568	29,778
	Operator off-farm income (T1 only) ⁴	All provinces except Prairies	24,338	...	24,338
1989 ⁵	Revenues and expenses and Additions and disposals	All provinces except Prairies	26,033	4,563	30,596
	Operator off-farm income (T1 only) ⁴	All provinces except Prairies	25,034	...	25,034
	Farm family off-farm income	All provinces except Prairies	20,130	...	20,130
1990	Revenues and expenses and Additions and disposals	All provinces	39,542	9,161	48,703
	Operator off-farm income (T1 only) ⁴	All provinces	37,294	...	37,294
	Farm family off-farm income	All provinces	29,056	...	29,056
1991	Revenues and expenses and Additions and disposals	All provinces	48,616	9,804	58,420
	Operator off-farm income (T1 only) ⁴	All provinces	45,964	...	45,964
	Farm family off-farm income	All provinces	35,652	...	35,652
1992	Revenues and expenses and Additions and disposals	All provinces	49,826	9,504	59,330
	Operator off-farm income (T1 only) ⁴	All provinces	46,780	...	46,780
	Farm family off-farm income	All provinces	36,613	...	36,613
1993	Revenues and expenses and Additions and disposals	All provinces	56,069	9,495	65,564
	Operator off-farm income (T1 only) ⁴	All provinces	52,725	...	52,725
	Operator off-farm income	All provinces	56,069	12,031	68,100
	Farm family off-farm income	All provinces	40,775	...	40,775
1994	Revenues and expenses and Additions and disposals	All provinces	53,810	10,843	64,653
	Operator off-farm income (T1 only) ⁴	All provinces	50,164	...	50,164
	Operator off-farm income	All provinces	53,810	14,204	68,014
	Farm family off-farm income	All provinces	38,615	...	38,615
1995	Revenues and expenses and Additions and disposals	All provinces	90,584	11,865	102,449
	Operator off-farm income (T1 only) ⁴	All provinces	85,868	...	85,868
	Operator off-farm income	All provinces	90,584	15,585	106,169
	Farm family off-farm income	All provinces	60,745	...	60,745
1996	Revenues and expenses and Additions and disposals ⁸	All provinces	110,315	11,399	121,714
	Operator off-farm income (T1 only) ⁴	All provinces	104,840	...	104,840
	Operator off-farm income	All provinces	110,315	15,171	125,486
	Farm family off-farm income	All provinces	72,455	...	72,455
1997	Revenues and expenses and Additions and disposals ⁸	All provinces	114,216	11,821	126,037
	Operator off-farm income (T1 only) ⁴	All provinces	109,483	...	109,483
	Operator off-farm income	All provinces	114,216	15,476	129,692
	Farm family off-farm income	All provinces	73,807	...	73,807
1998	Revenues and expenses and Additions and disposals ⁸	All provinces	129,331	8,826	138,157
	Operator off-farm income (T1 only) ⁴	All provinces	123,856	...	123,856
	Operator off-farm income	All provinces	129,331	10,986	140,317
	Farm family off-farm income	All provinces	81,208	...	81,208
1999	Revenues and expenses and Additions and disposals ⁸	All provinces	127,564	10,576	138,140
	Operator off-farm income (T1 only) ⁴	All provinces	122,009	...	122,009
	Operator off-farm income	All provinces	127,564	13,942	141,506
	Farm family off-farm income	All provinces	79,683	...	79,683

See footnotes at the end of the table.

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

Reference year	Variables	Availability	Sample size ¹ usable records		Total ⁷
			Unincorporated sector (T1) ^{2, 6}	Incorporated sector (T2) ^{3, 7}	
Number of tax records					
2000	Revenues and expenses	All provinces	132,765	10,082	142,847
	Operator off-farm income (T1 only) ⁴	All provinces	127,018	...	127,018
	Operator off-farm income	All provinces	132,765	15,042	147,807
	Farm family off-farm income	All provinces	82,474	...	82,474
2001	Revenues and expenses	All provinces	141,694	11,806	153,500
	Operator off-farm income (T1 only) ⁴	All provinces	135,528	...	135,528
	Operator off-farm income	All provinces	141,694	19,814	161,508
	Farm family off-farm income	All provinces	87,296	...	87,296
2002	Revenues and expenses	All provinces	142,207	13,111	155,318
	Operator off-farm income (T1 only) ⁴	All provinces	136,027	...	136,027
	Operator off-farm income	All provinces	142,207	22,872	165,079
	Farm family off-farm income	All provinces	87,603	...	87,603
2003	Revenues and expenses	All provinces	133,188	13,484	146,672
	Operator off-farm income (T1 only) ⁴	All provinces	126,653	...	126,653
	Operator off-farm income	All provinces	133,188	23,749	156,937
	Farm family off-farm income	All provinces	81,627	...	81,627
2004	Revenues and expenses	All provinces	133,513	13,689	147,202
	Operator off-farm income (T1 only) ⁴	All provinces	126,942	...	126,942
	Operator off-farm income	All provinces	133,513	24,343	157,856
	Farm family off-farm income	All provinces	81,804	...	81,804
2005	Revenues and expenses	All provinces	131,949	13,405	145,354
	Operator off-farm income (T1 only) ⁴	All provinces	125,824	...	125,824
	Operator off-farm income	All provinces	131,949	24,040	155,989
	Farm family off-farm income	All provinces	81,074	...	81,074
2006	Revenues and expenses	All provinces	131,885	11,581	143,466
	Operator off-farm income (T1 only) ⁴	All provinces	125,158	...	125,158
	Operator off-farm income	All provinces	131,885	20,754	152,639
	Farm family off-farm income	All provinces	80,518	...	80,518
2007	Revenues and expenses	All provinces	136,719	12,060	148,779
	Operator off-farm income (T1 only) ⁴	All provinces	130,590	...	130,590
	Operator off-farm income	All provinces	136,719	21,801	158,520
	Farm family off-farm income	All provinces	83,575	...	83,575
2008	Revenues and expenses	All provinces	134,710	12,272	146,982
	Operator off-farm income (T1 only) ⁴	All provinces	128,173	...	128,173
	Operator off-farm income	All provinces	134,710	22,217	156,927
	Farm family off-farm income	All provinces	81,454	...	81,454
2009	Revenues and expenses	All provinces	132,090	7,408	139,498
	Operator off-farm income (T1 only) ⁴	All provinces	126,256	...	126,256
	Operator off-farm income	All provinces	132,090	12,897	144,987
	Farm family off-farm income	All provinces	..	...	...

1. Number of usable records with operating revenues equal to or greater than \$10,000. Incorporated farms with operating revenues below \$25,000 are excluded from TDP estimates.
2. Number of farms related to Canada Revenue Agency T1 General—Income Tax and Benefit Return.
3. Number of farms related to Canada Revenue Agency T2 Corporation—Income Tax Return.
4. Off-farm income for operators involved in a single farm operation – unincorporated sector only.
5. Data for 1988 and 1989 are not available for the BC Peace River Region.
6. Expanded coverage of electronic tax filers begins with the 1995 data.
7. Starting in 1993, the series on revenues and expenses includes communal organizations. Number of farms related to Canada Revenue Agency T3 Trust—Income Tax and Information Return.
8. From 1996 to 1999, additions and disposals cover only T2 and T3.

Table C.2 WFDB – Provincial data availability and sample size by sector (standard output format) – June Crops Survey

Reference year	Variables	Availability	Sample size ¹ usable records		Total
			Unincorporated sector	Incorporated sector	
Number of farms					
1993	Seeded area	All except Newfoundland and Labrador	18,523	2,156	20,679
1994	Seeded area	All except Newfoundland and Labrador	19,676	2,246	21,922
1995	Seeded area	All except Newfoundland and Labrador	18,983	2,235	21,218
1996	Seeded area	All except Newfoundland and Labrador	21,259	2,434	23,693
1997	Seeded area	All except Newfoundland and Labrador	19,440	2,211	21,651
1998	Seeded area	All provinces	20,737	2,063	22,800
1999	Seeded area	All provinces	20,995	2,372	23,367
2000	Seeded area	All provinces	19,722	2,401	22,123
2001	Seeded area	All provinces	19,487	2,841	22,328
2002	Seeded area	All provinces	16,981	2,871	19,852
2003	Seeded area	All provinces	18,570	3,618	22,188
2004	Seeded area	All provinces	18,498	3,918	22,416
2005	Seeded area	All provinces	17,984	4,819	22,803
2006	Seeded area	All provinces	18,196	4,995	23,191
2007	Seeded area	All provinces	16,521	4,075	20,596
2008	Seeded area	All provinces	16,020	3,607	19,627
2009	Seeded area	All provinces	15,581	3,562	19,143

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

Table C.3 WFDB – Provincial data availability and sample size by sector (standard output format) – July Livestock Survey

Reference year	Variables	Availability	Sample size ¹ usable records		Total
			Unincorporated sector	Incorporated sector	
			Number of farms		
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	19,020	2,650	21,670
1996	Livestock inventories	All provinces	18,524	2,633	21,157
1997	Livestock inventories	All provinces	17,796	2,539	20,335
1998	Livestock inventories	All provinces	13,904	1,855	15,759
1999	Livestock inventories	All provinces	13,510	1,946	15,456
2000	Livestock inventories	All provinces	12,728	1,940	14,668
2001	Livestock inventories	All provinces	12,485	2,149	14,634
2002	Livestock inventories	All provinces	11,824	2,269	14,093
2003	Livestock inventories	All provinces	16,451	3,712	20,163
2004	Livestock inventories	All provinces	11,459	2,865	14,324
2005	Livestock inventories	All provinces	10,879	3,683	14,562
2006	Livestock inventories	All provinces	5,768	2,314	8,082
2007	Livestock inventories	All provinces	9,204	3,056	12,260
2008	Livestock inventories	All provinces	10,330	2,778	13,108
2009 ²	Livestock inventories	All provinces	10,287	2,661	12,948

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

2. Starting with reference year 2009, only operations that reported inventory of cattle and calves, pigs, and/or sheep and lambs at July 1 are included in the JLS estimates that are part of the WFDB. Previous years' data going back to 1998 have been reproduced to reflect this change. The number of usable records for year 1998 to 2008 have been revised accordingly.

**Table C.4 WFDB – Provincial data availability and sample size by sector (standard output format)
– Farm Financial Survey**

Reference year	Variables	Availability	Sample size ¹ usable records		Total
			Unincorporated sector	Incorporated sector	
			Number of farms		
1987	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	4,133	1,148	5,281
1989	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	4,082	1,247	5,329
1991	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	5,769	1,437	7,206
1992	Assets and liabilities Capital investments and sales Long-term capital borrowed	Prairie provinces and B.C.	3,607	574	4,181
1993	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	6,319	1,202	7,521
1995	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	6,038	1,394	7,432
1997	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	10,364	3,210	13,574
1999	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	9,919	3,539	13,458
2001	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	9,674	3,557	13,231
2002	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	9,492	3,724	13,216
2003	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	10,902	4,521	15,423
2004	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	8,897	3,908	12,805
2005	Assets and liabilities Capital investments and sales Long-term capital borrowed	All provinces	8,445	3,937	12,382
2006	Assets and liabilities Long-term capital borrowed	All provinces	6,417	3,343	9,760
2007	Assets and liabilities Capital investments and sales	All provinces	6,646	3,247	9,893

See footnote at the end of the table.

**Table C.4 WFDB – Provincial data availability and sample size by sector (standard output format)
– Farm Financial Survey (concluded)**

Reference year	Variables	Availability	Sample size ¹ usable records		Total
			Unincorporated sector	Incorporated sector	
			Number of farms		
2008	Assets and liabilities	All provinces	5,587	2,912	8,499
2009	Assets and liabilities				
	Capital investments and sales	All provinces	5,754	3,227	8,981

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

Appendix D North American Industry Classification (NAICS) 2007

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.

A superscript "CAN" ^(CAN) indicates a Canadian industry and "US" ^(US) indicates that Canadian and United States industries are comparable. No superscript symbol indicates that Canadian, Mexican and United States industries are comparable.

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. Establishments in these industries may use traditional crop production methods, employ modified or improved crop inputs, or engage in organic crop production.

An establishment is classified to a NAICS industry or a national level industry within this subsector provided that 50% or more of the establishment's agricultural production consists of the crops of the industry. Establishments with 50% or more in crop production and with no one product or family of products of an industry accounting for 50% of the production are treated as combination crop farms and classified to 11199, All Other Crop Farming, except for establishments with 50% 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.

111110 Soybean Farming

This Canadian industry comprises establishments primarily engaged in growing soybeans.

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

11112 Oilseed (except Soybean) Farming

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

111120 Oilseed (except Soybean) Farming ^{US}

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

Example activities: canola (rapeseed) farming; flaxseed farming; linseed (flaxseed), growing; mixed oilseeds (except soybean), farming; mustard seed farming; safflower farming; sunflower farming

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)

111130 Dry Pea and Bean Farming^{US}

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

Example activities: bean farming (field crop); cowpea farming, dry; dry field beans, growing; dry field peas, growing; dry peas, beans, and lentils, farming; faba beans, growing; field pea (dry) growing; legume (forage) farming; lentils farming, dry; pea farming (field crop); pulses, dry, growing

11114 Wheat Farming

This industry comprises establishments primarily engaged in growing wheat.

111140 Wheat Farming

This Canadian industry comprises establishments primarily engaged in growing wheat.

Example activities: durum wheat, growing; grain farming, wheat; spring wheat, growing; wheat farming; wheat, spring, winter and durum, growing; winter wheat, growing

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)

111150 Corn Farming^{US}

This Canadian industry comprises establishments primarily engaged in growing corn.

Example activities: corn farming (except sweet corn); corn for fodder, growing; corn for popping, growing; corn for silage, growing; grain corn farming

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)

111160 Rice Farming

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

Example activities: rice (except wild rice) farming

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)
- growing sweet corn (11121, Vegetable and Melon Farming)

111190 Other Grain Farming^{CAN}

This Canadian 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.

Example activities: barley farming; buckwheat farming; canary seed farming; feed grain farms; grain farms (except wheat, rice, corn and soybeans); millet, growing; milo farming; oat farming; oil seed and grain farming, combination; rye, growing; small grains (except wheat), growing; wild rice, farming

1112 Vegetable and Melon Farming

This industry group 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.

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)
- growing vegetables and melons under glass or protective cover (11141, Food Crops Grown Under Cover)

111211 Potato Farming^{US}

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

Example activities: potato farming; potato farms, sweet; seed potatoes, growing; sweet potato farming; yam farming

111219 Other Vegetable (except Potato) and Melon Farming^{US}

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: asparagus farming; bean farms (except dry beans); bean growing, snap (wax and green); cantaloup farms; corn, sweet, growing; lettuce farming; market gardening; melon farming; mixed vegetables growing; pepper farming (e.g., bell, chilli, green, hot, red, sweet); rutabaga farming; sweet corn farming; truck farming; vegetable bedding plants, growing of; vegetable crops, growing; vegetable farming (except field crops); vegetable seed growing; watermelon 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.

111310 Orange Groves

This Canadian industry comprises establishments primarily engaged in growing oranges.

Example activities: orange groves and farms

11132 Citrus (except Orange) Groves

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

111320 Citrus (except Orange) Groves^{US}

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

Example activities: grapefruit groves and farms; lemon groves and farms; lime groves and farms

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)

111330 Non-Citrus Fruit and Tree Nut Farming^{CAN}

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

Example activities: apple orchards; berry farming; cranberry bogs; fruit farming; fruit orchard operating; grapes (vineyards); peach orchards and farms; small fruit farming; strawberries, growing; tree fruit farming; tree nut groves and farms; vineyards

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)
- raising both aquatic animals and plants in integrated growing operations, aquaponics (11251, Aquaculture)

111411 Mushroom Production ^{US}

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

Example activities: mushroom cellars; mushroom farming; mushroom houses; mushroom spawn, production of

111419 Other Food Crops Grown Under Cover ^{US}

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; greenhouses for growing food crops; herb farming, grown under cover; hydroponic crops, grown under cover; market gardening, greenhouse; seaweed, grown under cover; truffles farming, 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, that 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)
- retailing nursery, tree stock and floriculture products primarily purchased from others (44422, Nursery Stores and Garden Centres)

111421 Nursery and Tree Production ^{US}

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)
- 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 plant stock, growing; nursery stock, growing of; ornamental plant growing; ornamental shrubs, nursery grown; plant nursery; rose bushes, growing; shrub nursery, ornamental, growing; turf (sod) farming

111422 Floriculture Production ^{US}

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; greenhouses, growing of floral products; holly growing; tropical foliage and green plants, greenhouse grown

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.

111910 Tobacco Farming

This Canadian industry comprises establishments primarily engaged in growing tobacco.

Example activities: tobacco farming

11192 Cotton Farming

This industry comprises establishments primarily engaged in growing cotton.

111920 Cotton Farming

This Canadian industry comprises establishments primarily engaged in growing cotton.

Example activities: cotton farming

11193 Sugar Cane Farming

This industry comprises establishments primarily engaged in growing sugar cane.

111930 Sugar Cane Farming

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

Example activities: sugar cane farming

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)
- growing grass and hay seeds (11199, All Other Crop Farming)

111940 Hay Farming^{US}

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

Example activities: alfalfa hay farming; clover hay farming; forage crops (except corn for grain), farming; hay farming

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 (1113, Fruit and Tree Nut Farming)
- growing greenhouse, nursery and floriculture products (1114, Greenhouse, Nursery and Floriculture Production)
- growing tobacco (11191, Tobacco Farming)
- growing cotton (11192, Cotton Farming)
- growing sugar cane (11193, Sugar Cane Farming)
- growing hay (11194, Hay Farming)
- manufacturing artificially flavoured maple syrup products (31199, All Other Food Manufacturing)

111993 Fruit and Vegetable Combination Farming^{CAN}

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

Exclusion(s): Establishments primarily engaged in:

- growing vegetables and melons (11121, Vegetable and Melon Farming)

Example activities: fruit and vegetable farming, combination; small fruit and vegetable farming, combination; tree fruit and vegetable farming, combination

111994 Maple Syrup and Products Production^{CAN}

This Canadian industry comprises establishments primarily engaged in gathering maple sap and producing maple products. Establishments primarily engaged in producing maple products in plants are also included.

Exclusion(s): Establishments primarily engaged in:

- manufacturing artificially flavoured maple syrup products (31199, All Other Food Manufacturing)

Example activities: maple products production, central facility; maple sap, gathering of; maple sugar bush, operating; maple syrup and products production

111999 All Other Miscellaneous Crop Farming^{CAN}

This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in growing crops. Establishments primarily engaged in general crop farming or combination crop farming (except combination fruit and vegetable farming), are also included in this Canadian 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 tree nuts and fruit (1113, Fruit and Tree Nut Farming)
- growing greenhouse, nursery and floriculture products (1114, Greenhouse, Nursery and Floriculture Production)
- growing tobacco (11191, Tobacco Farming)

- growing cotton (11192, Cotton Farming)
- growing sugar cane (11193, Sugar Cane Farming)
- growing hay (11194, Hay Farming)

Example activities: beet, sugar, farming; combination field crop farming; crop and animal combination farming (primarily crop); 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; mint farming, except greenhouse grown; peanut farming; sugar beet farming; tobacco, corn and beans growing, combination

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 50% or more of the establishment's agricultural production consists of the products of that industry. Establishments with 50% or more in animal production and with no one product or family of products of an industry accounting for 50% 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)

112110 Beef Cattle Ranching and Farming, including Feedlots ^{CAN}

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.

Example activities: beef cattle feedlots; beef cattle ranching; cattle feedlot operations; dairy heifer replacement production; feedlot, beef cattle

11212 Dairy Cattle and Milk Production

This industry comprises establishments primarily engaged in milking dairy cattle.

Exclusion(s): Establishments primarily engaged in:

- raising dairy herd replacements (11211, Beef Cattle Ranching and Farming, including Feedlots)
- raising, feeding or fattening cattle (11211, Beef Cattle Ranching and Farming, including Feedlots)
- milking goats (11242, Goat Farming)

112120 Dairy Cattle and Milk Production

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

Example activities: cream, fluid, raw, producing; dairy cows and milk, producing; dairy farming; farm, dairy; fluid cream, raw, producing; milk, fluid, raw, producing

1122 Hog and Pig Farming

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

11221 Hog and Pig Farming

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

112210 Hog and Pig Farming^{US}

This Canadian 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; raising hogs; swine farm; swine farrow to finish (farming); weanling (feeder) pigs, raising

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.

112310 Chicken Egg Production^{US}

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

Example activities: chicken egg farming; egg farms, chicken; started pullet farms

11232 Broiler and Other Meat-Type Chicken Production

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

112320 Broiler and Other Meat-Type Chicken Production

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

Example activities: broiler chicken farming; capon farming; fryer chickens, raising

11233 Turkey Production

This industry comprises establishments primarily engaged in raising turkeys.

112330 Turkey Production

This Canadian industry comprises establishments primarily engaged in raising turkeys.

Example activities: combination turkey farm, meat and eggs; egg farms, turkey; farm, turkey; turkey egg production; turkey farming

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)

112340 Poultry Hatcheries

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

Example activities: chick hatchery service; egg hatcheries, poultry; poultry hatchery

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.

Exclusion(s): establishments primarily engaged in:

- raising chickens for egg production (11231, Chicken Egg Production)
- raising broilers and other meat-type chickens (11232, Broiler and Other Meat-Type Chicken Production)
- raising turkeys (11233, Turkey Production)
- hatching poultry of any kind (11234, Poultry Hatcheries)
- raising aviary birds, such as parakeets, canaries and love birds (11299, All Other Animal Production)

112391 Combination Poultry and Egg Production^{CAN}

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)
- raising aviary birds, such as parakeets, canaries and love birds (112999, All Other Miscellaneous Animal Production)

Example activities: hatchery service and poultry production; poultry and egg farm; poultry combination farming; poultry production and hatchery service

112399 All Other Poultry Production^{CAN}

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)
- 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); emu farming; geese farming; guinea fowl, raising; ostrich farming; 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.

112410 Sheep Farming^{US}

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

Example activities: feedlots, lamb; lamb raising; raising sheep; sheep farming; wool production, farming

11242 Goat Farming

This industry comprises establishments primarily engaged in raising goats.

112420 Goat Farming

This Canadian industry comprises establishments primarily engaged in raising goats.

Example activities: farm, goat; goat farming; goat's milk, raw fluid, producing; milk production, goat farm; mohair farming

1125 Aquaculture

This industry group comprises establishments primarily engaged in farm-raising aquatic animals and plants. Establishments primarily engaged in raising both aquatic animals and plants in integrated growing operations, aquaponics, are also included. These activities can occur both in natural waters and in artificial aquatic impoundments and include the use of some form of intervention in the rearing or growing process to enhance production.

11251 Aquaculture

This industry comprises establishments primarily engaged in farm-raising aquatic animals and plants. Establishments primarily engaged in raising both aquatic animals and plants in integrated growing operations, aquaponics, are also included. These activities can occur both in natural waters and in artificial aquatic impoundments and include the use of some form of intervention in the rearing or growing process to enhance production.

Exclusion(s): Establishments primarily engaged in:

- hydroponic crops, grown under cover (111419, Other Food Crops Grown Under Cover)
- catching or taking fish and other aquatic animals from their natural habitats (11411, Fishing)

112510 Aquaculture^{CAN}

This Canadian industry comprises establishments primarily engaged in farm-raising aquatic animals and plants. Establishments primarily engaged in raising both aquatic animals and plants in integrated growing operations, aquaponics, are also included. These activities can occur both in natural waters and in artificial aquatic impoundments and include the use of some form of intervention in the rearing or growing process to enhance production.

Example activities: algae and seaweed farming; aquaculture, animal, freshwater; aquaculture, animal, salt water; aquaponics; crustacean farming; cultured pearl production; finfish farming; finfish hatcheries;

fingerlings (hatchery fish), raising, fisheries service; fish farming; frog production, farm raising; mollusk production, farm raising; oyster production, farm raising; pearls, cultured, production of; shellfish, farming; turtle and other animal aquaculture

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.

112910 Apiculture

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

Example activities: apiaries; beekeeping; honey and beeswax production; honey, natural, unprocessed, producing

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)

112920 Horse and Other Equine Production

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

Example activities: equines, raising; horse ranching; mule production; pregnant mares' urine (pmu), producing

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)

112930 Fur-Bearing Animal and Rabbit Production

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

Example activities: chinchilla production; commercial mink ranch; fox production; fur farming; fur-bearing animal production; fur-bearing animal skins (ranch raised), undressed, producing; game farm (fur-bearing animals); mink production; muskrat farm; rabbit raising

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, Aquaculture)
- raising bees (11291, Apiculture)
- raising horses and other equines (11292, Horse and Other Equine Production)
- raising fur-bearing animals, including rabbits (11293, Fur-Bearing Animal and Rabbit Production)

112991 Animal Combination Farming ^{CAN}

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

Example activities: Animal specialty combination farm; combination livestock farming; crop and animal farming, combination (primarily animal); crop and livestock farming, combination (primarily livestock); livestock and animal specialty farms, general; livestock and poultry combination farm; livestock combination farm; livestock combination feedlots; swine and poultry combination farms

112999 All Other Miscellaneous Animal Production ^{CAN}

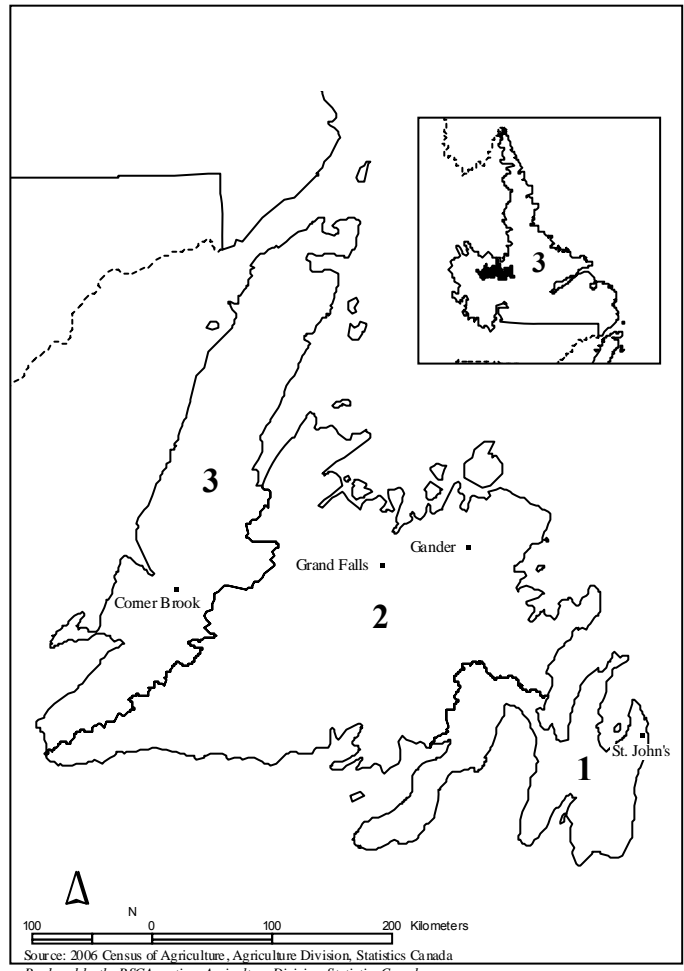
This Canadian industry comprises establishments, not classified to any other Canadian industry, primarily engaged in raising animals.

Example activities: aviaries (e.g., raising parakeet, canary, and love birds); bird (song and pet) raising; bison production; cats, domestic, raising; deer farming; earthworm hatcheries; elk production; laboratory animal production (e.g., rats, mice, and guinea pigs); llama production; pet animal, raising; wild boar, raising; worm production

Source: This information was obtained from the publication *North American Industry Classification System – NAICS Canada* ([12-501-X](#)).

Appendix E Census maps

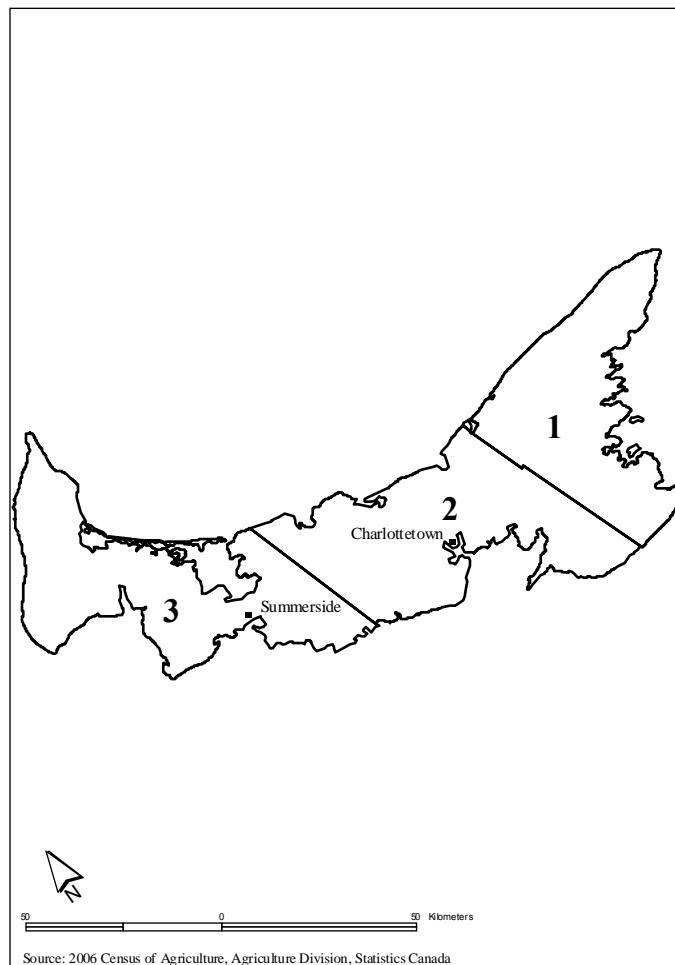
Map 1 Census Agricultural Regions — Newfoundland and Labrador, 2006



Newfoundland and Labrador

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

Map 2 Census Agricultural Regions — Prince Edward Island, 2006

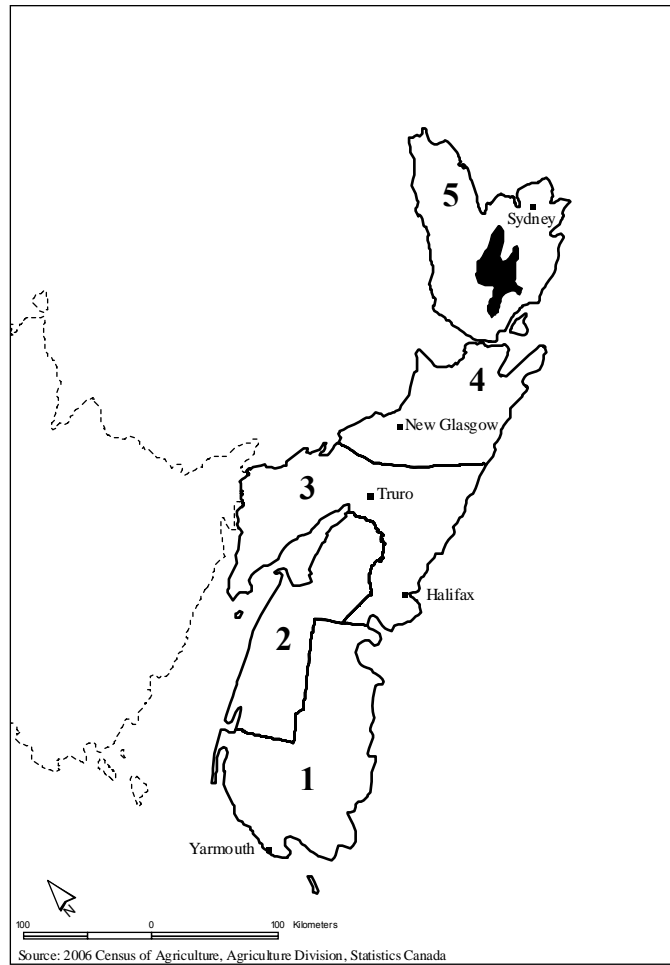


Source: 2006 Census of Agriculture, Agriculture Division, Statistics Canada
Produced by the RSGA section, Agriculture Division, Statistics Canada

Prince Edward Island

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

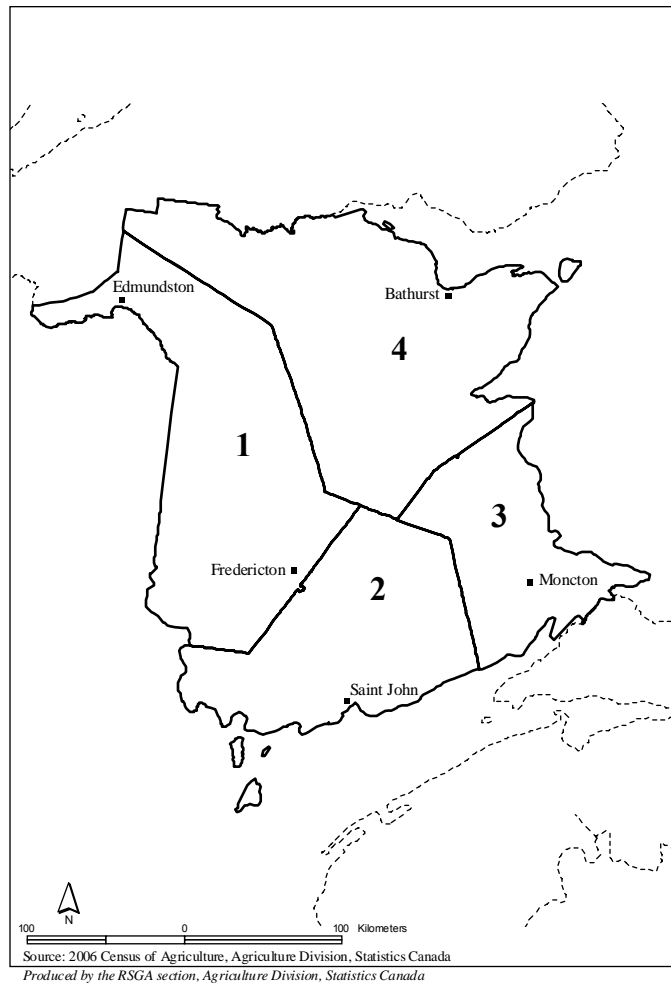
Map 3 Census Agricultural Regions — Nova Scotia, 2006



Nova Scotia

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

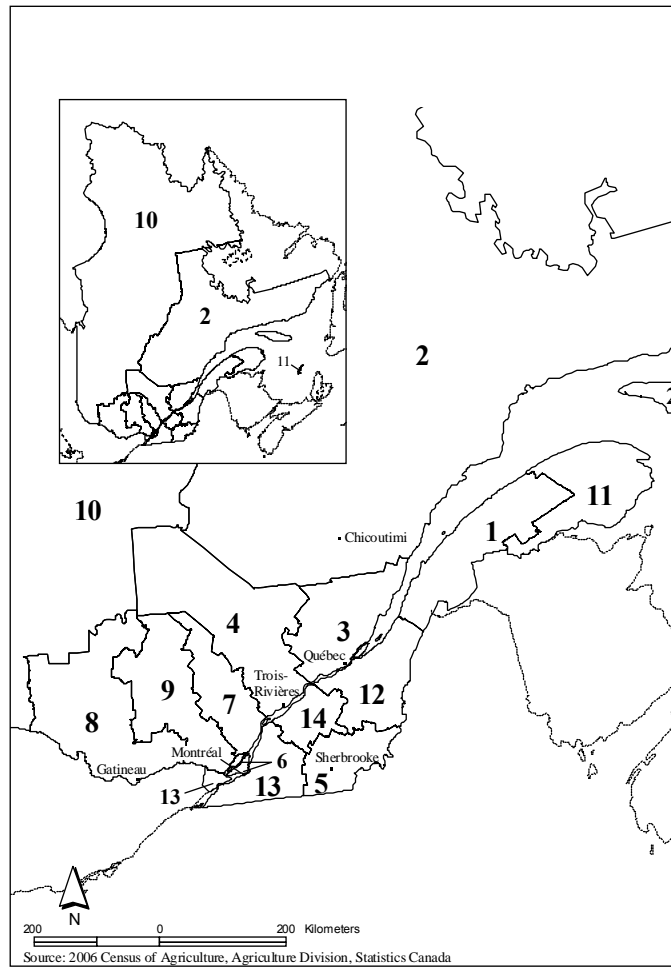
Map 4 Census Agricultural Regions — New Brunswick, 2006



New Brunswick

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

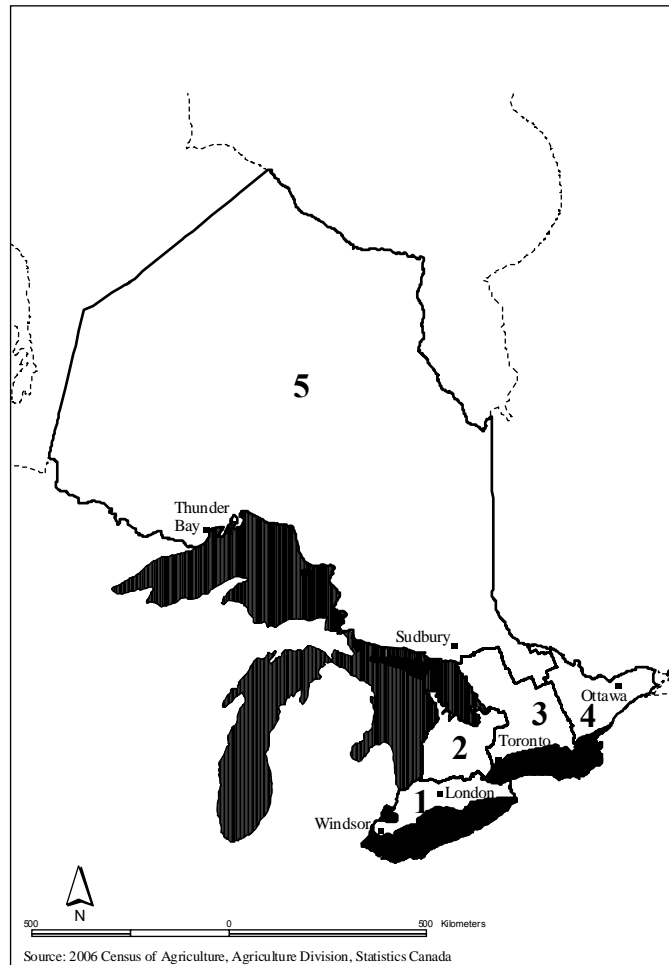
Map 5 Census Agricultural Regions — Quebec, 2006



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

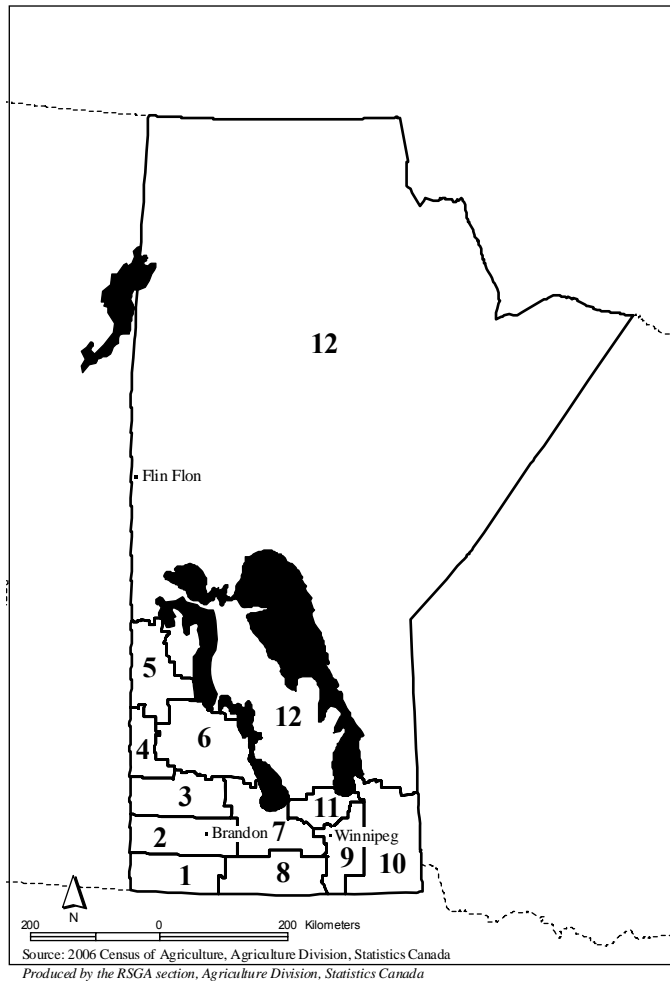
Map 6 Census Agricultural Regions — Ontario, 2006



Ontario

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

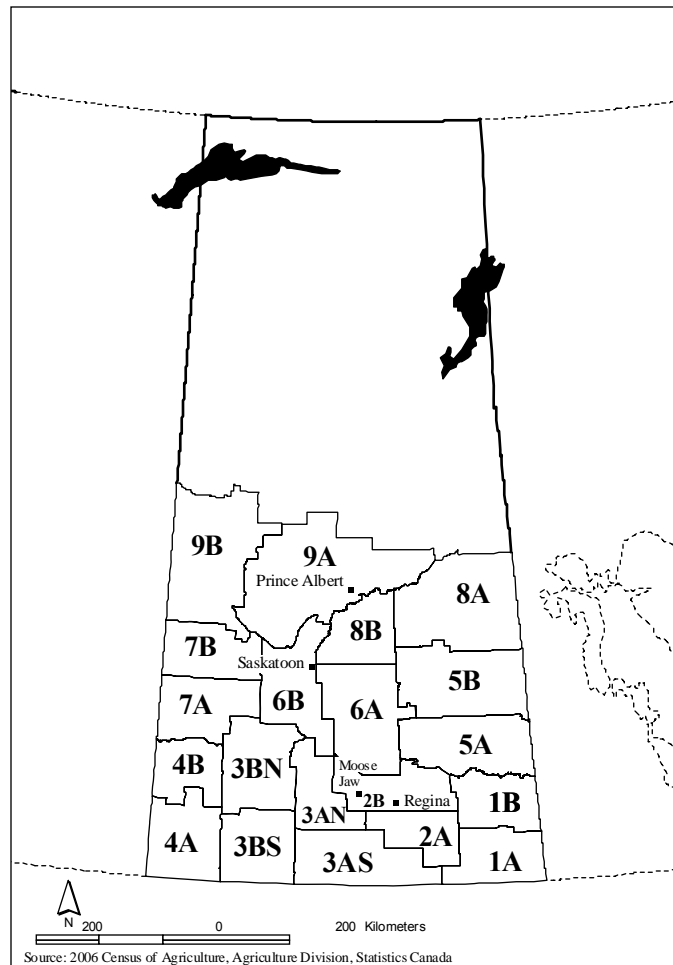
Map 7 Census Agricultural Regions — Manitoba, 2006



Manitoba

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

Map 8 Census Agricultural Regions — Saskatchewan, 2006

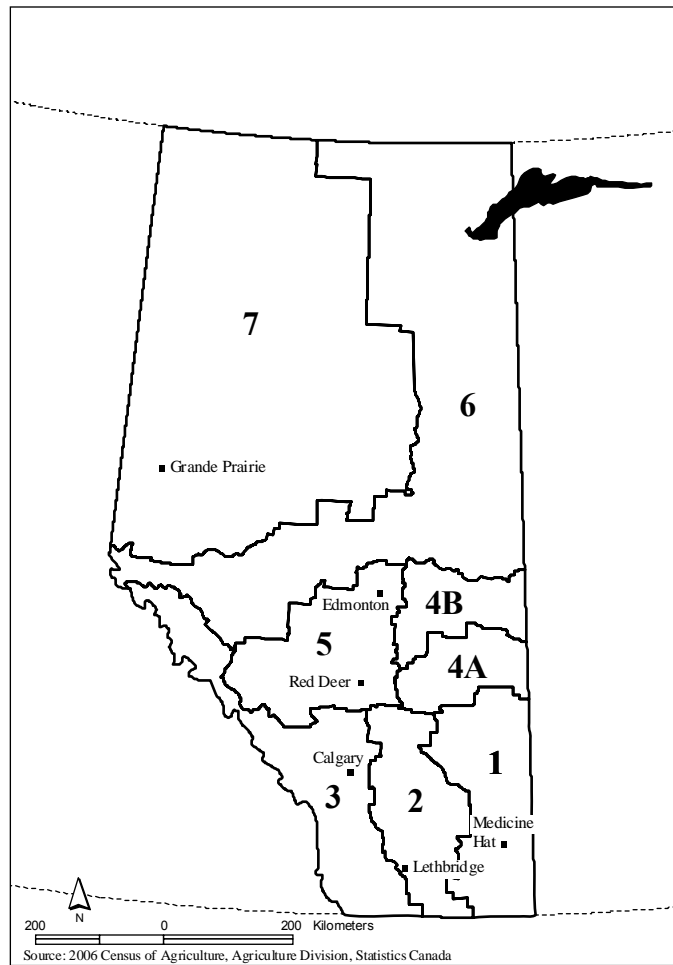


Source: 2006 Census of Agriculture, Agriculture Division, Statistics Canada
 Produced by the RSGA section, Agriculture Division, Statistics Canada

Saskatchewan

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

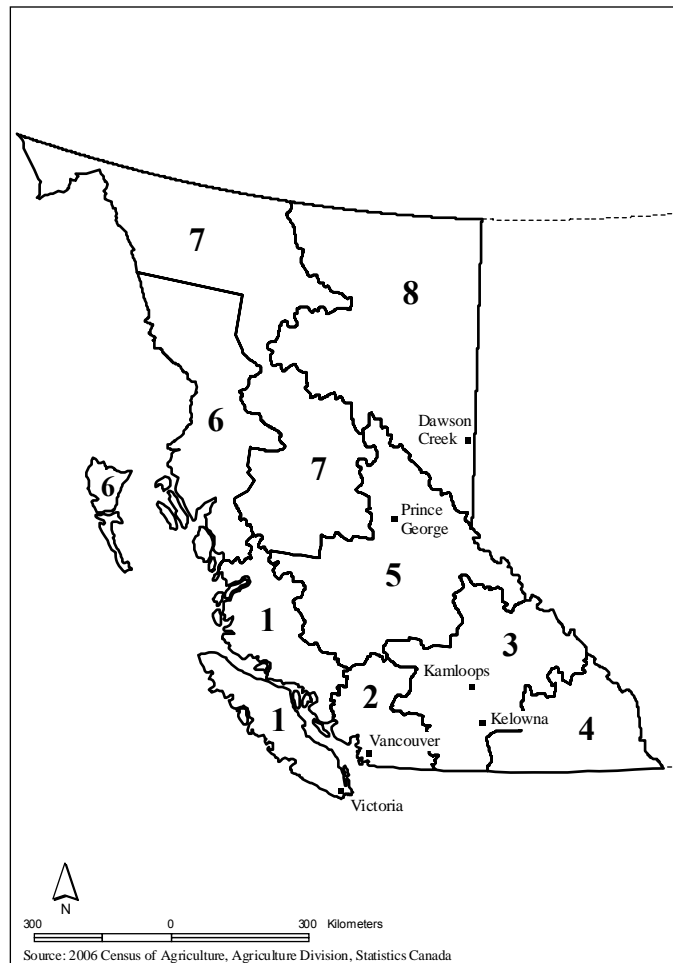
Map 9 Census Agricultural Regions — Alberta, 2006



Alberta

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

Map 10 Census Agricultural Regions — British Columbia, 2006



Source: 2006 Census of Agriculture, Agriculture Division, Statistics Canada
Produced by the RSGA section, Agriculture Division, Statistics Canada

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

June 2009 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.

Statistics Canada advises you that there could be a risk of disclosure of your information if you choose to return it by fax, e-mail or other electronic means. Upon receipt of your information, Statistics Canada will provide the level of protection required by the *Statistics Act*.

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

FRM		Area Code
	Farm Name (if applicable)	
NA 1		Telephone
	Surname or Family Name	
	Usual First Name and Initial	
ADR		Telephone
	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		Telephone
	Partner's Name (if applicable)	
NA 4		Telephone
	Partner's Name (if applicable)	
COR		
	Corporation Name (if applicable)	

The following questions deal with ALL LAND OPERATED.

● **Include:** - Land rented from other operations and Crown or public land used for agricultural purposes.

● **Exclude:** - Land rented to other operations.

SECTION A FALL RYE AND WINTER WHEAT

1. Did you seed any Fall Rye or Winter Wheat in the fall of 2008?

Yes 095 No 095 (GO TO SECTION B.)

2. Which crops did you seed?

Fall Rye Winter Wheat
(GO TO THE NEXT QUESTION.)

3. In the table below, indicate the area seeded and the area remaining to be harvested as grain.

Crop	Code	Seeded area	UOM		Code	Remaining to harvest as grain area
			ac	ha		
a. Fall Rye	112	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	212	<input type="checkbox"/>
b. Winter Wheat	106	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	206	<input type="checkbox"/>
c. Total remaining to harvest as grain area (sum of 3a to 3b)			<input type="checkbox"/> 1	<input type="checkbox"/> 2		<input type="checkbox"/>

(GO TO SECTION B.)

SECTION B SEEDED AREAS

1. Did you or will you seed any crops in 2009?

Yes 969 No 969 (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="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
b. Borage Seed	273	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
c. Buckwheat	226	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
d. Canary Seed, Hairless (Canario)	283	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
e. Canary Seed, Regular	284	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
f. Canola	215	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
g. Caraway Seed	271	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
h. Chick Peas, Desi	269	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
i. Chick Peas, Kabuli	277	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
j. Chick Peas, Other and unknown	279	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
k. Coriander Seed	272	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
l. Corn for Grain (include seed corn but exclude sweet corn)	216	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
m. Dry Beans, Black (Black Turtle, Preto)	246	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
n. Dry Beans, Cranberry (Romano)	257	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
o. Dry Beans, Dark Red Kidney	262	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2

SECTION B SEEDED AREAS - (continued)

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

Crop	Code	Seeded area	UOM	
			ac	ha
p. Dry Beans, Faba (Fava, Broad)	235	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
q. Dry Beans, Great Northern	263	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
r. Dry Beans, Light Red Kidney	264	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
s. Dry Beans, Pinto	265	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
t. Dry Beans, Small Red (Red Mexican)	266	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
u. Dry Beans, White Pea (Navy)	229	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
v. Dry Beans, Other and unknown	267	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
w. Dry Field Peas - GREEN	044	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
x. Dry Field Peas - YELLOW	042	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
y. Dry Field Peas - OTHER AND UNKNOWN	046	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
z. Flaxseed	214	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
aa. Fodder Corn	217	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ab. Lentils - LARGE GREEN	036	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ac. Lentils - RED	268	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ad. Lentils - SMALL GREEN	038	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ae. Lentils - OTHER AND UNKNOWN	040	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
af. Linola (solin)	238	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ag. Mixed Grains (two or more grains sown together)	213	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ah. Mustard Seed - BROWN	254	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ai. Mustard Seed - ORIENTAL	253	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
aj. Mustard Seed - YELLOW	251	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ak. Mustard Seed - OTHER AND UNKNOWN	240	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
al. Oats	208	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
am. Potatoes	218	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
an. Safflower	239	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ao. Soybeans	228	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ap. Spring Rye	210	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
aq. Sugar Beets	232	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ar. Sunflower Seeds (include Sunola & other dwarf varieties)	230	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
as. Triticale	248	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
at. Wheat, Durum	204	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
au. Wheat Spring, Canadian Western Extra Strong (utility)	244	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
av. Wheat Spring, Hard Red	252	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
aw. Wheat Spring, Red Prairie (semi-dwarf varieties)	275	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ax. Wheat Spring, White Prairie (include semi-dwarf varieties but exclude Soft White Spring Wheat)	278	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ay. Wheat Spring, Soft White (exclude White Prairie Spring Wheat)	207	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
az. Wheat Spring, Other (unlicensed varieties, including Grandin Wheat)	287	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ba. Other Field Crops (list in comments)	225	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2
bb. Total seeded area (sum of 2a to 2ba)		<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2

(GO TO THE NEXT QUESTION.)

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

Code	%
100	●

(GO TO SECTION C.)

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, sudan-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, sudan-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, sudan-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 2009?

Yes ●

No ● (GO TO SECTION D.)

2. Which crops 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 ●		ac ●	ha ●

(GO TO THE NEXT CROP. IF THIS IS THE 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 ●		ac ●	ha ●

(GO TO THE NEXT CROP. IF THIS IS THE 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 ●		ac ●	ha ●

(GO TO THE NEXT QUESTION.)

6. Total Tame Hay and Forage Seed areas (sum of C3 to C5)

		UOM	
	●	ac ●	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:**
- Chemfallow: summerfallow where herbicides are used without working the soil;
 - 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.

● **Land for pasture or grazing:**

All land which is being used for pasture, grazing, native pasture, native hay, rangeland and grazable bush used for the grazing or feeding of livestock.

- 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.

● **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, Land for pasture or grazing and Other Land in 2009?

Land Use	Code	Total area	UOM	
			ac	ha
1. Summerfallow	219		1	2
2. Land for pasture or grazing	222		1	2
3. Other Land	241		1	2
4. Total Land Balance (sum of D1 to D3)			1	2

(GO TO SECTION E.)

SECTION E

TOTAL LAND AREA

What will be the Total Land Area in 2009?

Land Use	Code	Total area	UOM	
			ac	ha
1. Total Land Area			1	2
2. Sum of sections A3c + B2bb + C6 + D4	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 2009 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.

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.

Statistics Canada advises you that there could be a risk of disclosure of your information if you choose to return it by fax, e-mail or other electronic means. Upon receipt of your information, Statistics Canada will provide the level of protection required by the *Statistics Act*.

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)			

The following questions deal with ALL LAND OPERATED.

● **Include:** - Land rented from other operations and Crown or public land used for agricultural purposes.

● **Exclude:** - Land rented to other operations.

SECTION A FALL RYE AND WINTER WHEAT

1. Did you seed any Fall Rye or Winter Wheat in the fall of 2008?

Yes No (GO TO SECTION B.)

2. Which crops did you seed?

Fall Rye Winter Wheat

(GO TO THE NEXT QUESTION.)

3. In the table below, indicate the area seeded and the area remaining to be harvested as grain.

Crop	Code	Seeded area	UOM			Code	Remaining to harvest as grain area
			ac	ha	arp		
a. Fall Rye	112	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	212	<input type="checkbox"/>
b. Winter Wheat	106	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	206	<input type="checkbox"/>
(If Quebec respondent, go to Question 4. Else, go to Section B.)							
c. Total remaining to harvest as grain area (sum of 3a to 3b)			<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3		

(GO TO SECTION B.)

QUEBEC

Quebec respondents only

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

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

(GO TO SECTION B.)

SECTION B SEEDED AREAS

1. Did you or will you seed any crops in 2009?

Yes 969

No 969 (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 2008)	209	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
b. Buckwheat	226	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
c. Canola (include Winter Canola seeded in the fall of 2008)	215	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
d. Corn for Grain (include seed corn but exclude sweet corn)	216	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
(Go to Question 5.)					
e. Dry Beans, Black (Black Turtle, Preto)	246	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
f. Dry Beans, Cranberry (Romano)	257	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
g. Dry Beans, Dark Red Kidney	262	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
h. Dry Beans, Fava (Fava, Broad)	235	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
i. Dry Beans, Great Northern	263	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
j. Dry Beans, Light Red Kidney	264	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
k. Dry Beans, Pinto	265	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
l. Dry Beans, Small Red (Red Mexican)	266	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
m. Dry Beans, White Pea (Navy)	229	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
n. Dry Beans, Other and unknown	267	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
o. Fodder Corn	217	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
p. Mixed Grains (two or more grains sown together)	213	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
q. Oats	208	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
r. Potatoes	218	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
s. Soybeans	228	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
(Go to Question 6.)					
t. Spring Rye	210	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
u. Sugar Beets	232	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
v. Tobacco	227	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
w. Wheat, Spring	203	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
(If Quebec respondent, go to Question 4. Else, go to the next crop. If this is the last crop, go to Question 3.)					
x. Other Field Crops (list in comments)	225	<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
y. Total seeded area (sum of 2a to 2x)		<input type="checkbox"/>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 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="checkbox"/>

(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="checkbox"/>

(GO TO THE NEXT 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 CROP ON PAGE 3. IF THIS IS THE 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 CROP ON PAGE 3. IF THIS IS THE 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 2009?

Yes

No (GO TO SECTION D.)

2. Which crops 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 CROP. IF THIS IS THE 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 type="text"/>	<input type="radio"/> ac	<input type="radio"/> ha	<input type="radio"/> arp

(GO TO THE NEXT CROP. IF THIS IS THE 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)

		Total area	UOM		
		<input type="text"/>	<input type="radio"/> ac	<input type="radio"/> ha	<input type="radio"/> arp

(GO TO SECTION D.)

SECTION D LAND BALANCE

● **Land for pasture or grazing:**

All land which is being used for pasture, grazing, native pasture, native hay, rangeland and grazable bush used for the grazing or feeding of livestock.

- 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.

● **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;
- Chemfallow: summerfallow where herbicides are used without working the soil;
- Fruits and vegetables, mushrooms, maple trees, Christmas trees and sod.

What is your total area of Land for pasture or grazing and Other Land in 2009?

Land Use	Code	Total area	UOM		
			ac	ha	arp
1. Land for pasture or grazing	222	●	● 1	● 2	● 3
2. Other Land	241	●	● 1	● 2	● 3
3. Total Land Balance (sum of D1 to D2)		●	● 1	● 2	● 3

(GO TO SECTION E.)

SECTION E TOTAL LAND AREA

What will be the Total Land Area in 2009?

Land Use	Code	Total area	UOM		
			ac	ha	arp
1. Total Land Area		●	● 1	● 2	● 3
2. Sum of sections A3c + B2y + C6 + D3	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, 2009

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. The questions in Section C (Cattle and Calves Supplementary) are sponsored by Agriculture and Agri-Food Canada, to aid in the analysis of the cattle sector and the administration of the BSE adjustment programs including the Cattle Set Aside Program.

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, 2009 ...

... 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. On July 1, 2009 do you expect to have any cattle or calves on this operation?
Including grazing projects, community pastures or crownland.

Yes **400** **1**

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

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

- 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)

Total Number at July 1, 2009	
403	None <input type="checkbox"/>
404	None <input type="checkbox"/>
405	None <input type="checkbox"/>
409	None <input type="checkbox"/>
406	None <input type="checkbox"/>
407	None <input type="checkbox"/>
402	None <input type="checkbox"/>
408	None <input type="checkbox"/>
410	

QUESTIONS ON PRODUCTION

- 10. (On this operation) How many calves were born alive in the last 6 months between January 1 and June 30, 2009?.....
- 11. (On this operation) How many cows and heifers do you expect to calve between July 1 and December 31, 2009?

421	None <input type="checkbox"/>
424	None <input type="checkbox"/>

SECTION C. CATTLE AND CALVES SUPPLEMENTARY

OFFICE USE ONLY

400

9

At July 1, 2009

1. Of the dairy cows reported (box 404, page 2), how many are more than 10 years of age? (i.e. cows born before 1999)

465

2. Of the beef cows reported (box 405, page 2), how many are more than 10 years of age? (i.e. cows born before 1999)

475

3. Of the (box 402, page 2) feeder heifers reported, how many are in the following three weight categories;

a) More than (or equal to) 1100 lb (500 kg)

477

b) Between 900 lb and 1100 lb (409-500 kg)

479

c) Less than (or equal to) 900 lb (409 kg)

481

4. Of the (box 408, page 2) steers (1 year and over) reported, how many are in the following three weight categories;

a) More than (or equal to) 1250 lb (568 kg)

483

b) Between 1000 lb and 1250 lb (455-568 kg)

485

c) Less than (or equal to) 1000 lb (455 kg)

487

5. Of those (box 402, page 2) feeder heifers and/or (box 408, page 2) steers (1 year and over) reported as of July 1, how many are being fed a finishing ration (mostly grain)?

489

6. Of those feeder heifers (box 402, page 2) and/or steers (1 year and over) (box 408, page 2) reported as of July 1, how many are under 21 months of age?

491

SECTION D. PIGS

OFFICE USE ONLY

600

9

1. On July 1, 2009 do you expect to have any pigs (on this operation)?

Yes

No

1.(a) Were there any pigs (on this operation) during April, May and June, 2009?

Yes (Answer Questions 7, 8 and 9)

No (Go to Section E)

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

Yes

No

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

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

5. **ALL OTHER PIGS** {
 a) Under 45 pounds (-20 kg) (Include suckling pigs)
 b) 45 to 130 pounds (20 to 60 kg)
 c) Over 130 pounds (60+ kg)

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

7. (On this operation) How many sows and bred gilts farrowed or are expected to farrow during April, May and June 2009?

8. How many pigs were born alive or will be born alive during the same period (April, May and June 2009)?

9. Of the (number) pigs born alive, how many do you expect to die or to be destroyed before weaning during April, May and June 2009?

10. How many sows and bred gilts are expected to farrow during July, August and September 2009?

11. How many sows and bred gilts are expected to farrow during October, November and December 2009?

Total Number at July 1, 2009

605

None

606

None

607

None

608

None

609

None

610

634

None

635

None

636

None

638

None

639

None

SECTION E. SHEEP AND/OR LAMBS

OFFICE USE ONLY

300

9

1. On July 1, 2009 do you expect to 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, 2009?

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

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

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

Total Number at July 1, 2009

301
None

302
None

303
None

304
None

310

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)

QUESTIONS ON PRODUCTION

308
None

307
None

309
None

8. (On this operation) How many lambs were born in the last 6 months (between
January 1 and June 30, 2009)?

9. How many sheep and lambs died or will die, including those killed by disease or predators,
between January 1 and June 30, 2009?

10. (On this operation) How many lambs do you expect to be born between July 1 and
December 31, 2009?

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

No

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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Farm Financial Survey



TO THE RESPONDENT:

This questionnaire is to assist you in answering a telephone survey. **Please complete by June 26, 2011** and keep it by your telephone. An interviewer from Statistics Canada will telephone you **between the end of June and mid August** 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*.

Statistics from this survey helped provide information to develop new programs such as AgrInvest.

Questions refer to the calendar year 2010.

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.

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

CHARACTERISTICS OF THE OPERATOR/OPERATION

• Report questions 1 to 5 as of **December 31, 2010** or your **fiscal year end**

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 manage 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*)
- 3. How many years has the most experienced operator on this farm **managed** a farm business?

For the Farm Financial Survey, **FAMILY** is defined as an operator, that operator's spouse/partner and children **residing in the same household**. Children are included regardless of age or marital status as long as they do not have their own spouse or child living in the household.

FOR CORPORATIONS, report for ONE operator and that operator's FAMILY.

- 4. What is the legal operating arrangement of this operation? ("X" one circle only)
 - a) Sole Proprietorship 3
 - b) Corporation or 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 PAGE 3)
 - e) Other (e.g., joint venture, trust) (please specify) 7
- 5. How many members are in the operator's **FAMILY**? (*For definition of Family, please see above*)

LAND USE

- Report for **2010** or your **fiscal year**
- Round to the nearest whole number

1. How will you report land area? 199 1 acres
 ("X" one circle only) \longrightarrow 2 hectares
 3 arpents (*Quebec only*)

2. For the **total land area** of this operation, in **2010** (including workable and non workable) how much was:

Total Land Area Workable and Non Workable Land	
	120
a) Owned	32
b) Rented or leased FROM others (with or without a written agreement) • Include shareholders , governments and other sources	+ 103
c) Rented or leased TO others (with or without a written agreement)	-
d) Total land (a + b - c)	= 195

CROPLAND

CROPLAND includes tame hay, potatoes, field crops, tree fruits or nuts, berries or grapes, vegetables, seed, sod, greenhouse or nursery products, mushrooms, Christmas trees, fodder crops, etc.

3. Of the total land operated by this operation (Box 195 above), how much was **cropland**?
 • **Exclude** cropland rented **TO OTHERS**

Total Cropland
194

(IF EQUAL TO ZERO, GO TO NEXT PAGE)

4. What was the market value of an acre (hectare/arpent) of **cropland** excluding **buildings** in **2010** (Box 194 above)?

Price per Acre (hectare/arpent)	
133	Dollars
	.00

5. Did you rent any **cropland** **FROM** others?

123 YES

NO \longrightarrow (GO TO NEXT PAGE)

6. Did you pay cash for the **cropland** rented **FROM** others?
 • **Include** cheque(s)

134 YES

NO \longrightarrow (GO TO NEXT PAGE)

7. What was the **average** rental price per acre (hectare/arpent) for the land you rented, **excluding buildings**, in **2010**?

Price per Acre (hectare/arpent)	
135	Dollars
	.00

FARM ASSETS

1. What was the value of the following farm assets of this operation on **December 31, 2010** or your **fiscal year end**?

- Report to the nearest \$1,000
- **Report at CURRENT MARKET VALUE**
- **Exclude** assets not from this operation (*these assets to be reported in Box 694, page 9*)

LIVESTOCK AND POULTRY ASSETS (Exclude contract livestock)

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

December 31, 2010	
Livestock and Poultry Assets	
662	000
308	000

SHORT-TERM FARM ASSETS (LESS THAN ONE YEAR)

- c) Accounts Receivable: how much money **was still owed to** this operation **on December 31, 2010** for crops or livestock previously sold, custom work, etc.?
- **Include** deferred grain tickets
- d) Inventory
- i) Supplies on hand (inputs) such as feed, fertilizer, fuel, seed, chemicals, etc.
- ii) Crops for sale
- **Include** all harvested and stored crops, hay, etc.
- e) Cash and short-term investments of this operation (less than one year)
- f) Other short-term farm assets such as prepaid expenses for feed, fertilizer, seed, chemicals, etc.

December 31, 2010	
Short-term Assets	
305	000
306	000
661	000
658	000
659	000
659	000

(please specify)

094

LONG-TERM FARM ASSETS

- g) **Current market value** of all farmland and buildings owned
- **Include** all farmland owned, the farmhouse, storage sheds, silos, barns, grain bins, machine shops and woodlots
 - **Exclude** leased farmland and buildings
 - **Exclude** quota value
- h) All machinery and equipment owned (**market value**)
- **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**)
- 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 (*to be reported in Box 694, page 9*)

(please specify)

084

December 31, 2010	
Long-term Assets	
301	000
317	000
304	000
673	000
663	000
663	000

FARM DEBT OUTSTANDING

• Report to the nearest \$1,000

1. Did this operation owe any money on **December 31, 2010** or your **fiscal year end**?

- **Include** balance owing on operating lines of credit and money borrowed from family
- **Include** liabilities from this operation only (*personal or other business debt to be reported in Box 696, page 9*)

700

YES

NO

→ (GO TO QUESTION 3)

2. On **December 31, 2010** what was the amount of money owed to:

- **Include BALANCE OWING** on operating lines of credit - **NOT THE CREDIT LIMIT**
- **Report** the Advance Payments Program debt in question 3 below

- a) Banks, caisses populaires, credit unions, trust companies and treasury branches
- b) Farm Credit Canada (Federal Agency - FCC)
- c) Machinery and supply companies, feed companies
• **Exclude** leased machinery
- d) Family members, shareholders, private individuals
- e) Provincial government agencies (e.g., ag. credit/lending agencies, farm loan boards, etc.)
- f) Others (e.g., accounts payable, municipality, etc.)
(*please specify*)

085

Farm Debt on December 31, 2010			
Short-term:		Long-term:	
Original repayment period is less than 12 months (Include BALANCE OWING on operating lines of credit)		Original repayment period is 12 months or more	
452	000	453	000
401	000	481	000
407	000	487	000
408	000	488	000
403	000	483	000
409	000	489	000
451	000	491	000
Total	000		000

3. Has this operation ever participated in the Advance Payments Program?

541

YES

NO

→ (GO TO NEXT PAGE)

4. What was the total amount borrowed under the Advance Payments Program in **2010**

542 000

5. What was the amount still owing for the Advance Payments Program on **December 31, 2010**

436 000

AGRIINVEST

- Report all information for **2010** or your **fiscal year**
- Report to the nearest \$1,000

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

360 YES NO → (GO TO NEXT SECTION BELOW)

2. Did this family contribute to or withdraw money from **AGRIINVEST** in **2010**?

470 YES NO → (GO TO QUESTION 5)

3. What were the family's total **AGRIINVEST** contributions in **2010**?

- **Exclude** government contributions

475	000
476	000
477	000

4. What were the family's total **AGRIINVEST** withdrawals in **2010**?

5. What was the ending balance in the **AGRIINVEST** account as of **December 31, 2010**?

- **Include** the balance of both the **FAMILY'S** and **GOVERNMENT'S** deposits combined.

PROGRAM PAYMENTS AND INSURANCE

- Report all information for **2010** or your **fiscal year**
- Report to the nearest \$1,000

1. Did this operation participate in **provincial crop or production insurance, or AgriInsurance** in **2010**?

642 YES NO → **Atlantic, Ontario, Prairies and B.C. - GO TO QUESTION 4**
Quebec - GO TO QUESTION 3

2. What were the **gross** receipts received from provincial crop or production insurance in **2010**?

644	000
------------	-----

3. **Quebec Only:**

How much money was received from **ASR/A** (Assurance stabilisation des revenus agricoles) in **2010**?

494	000
------------	-----

4. Has this operation participated in **AgriStability** (participation means a form has been submitted)?

- **Include** CAIS (Canadian Agriculture Income Stabilization)

496 YES NO → (GO TO QUESTION 6 BELOW)

5. How much money was received from the government for **AgriStability** in **2010**?
(See Statement of Farm Support Payments, Agr-1, Box 14)

498	000
------------	-----

6. In **2010**, how much was received from **other direct program payments, rebates and subsidies** not previously reported?

- **Include:**
 - Fuel insurance;
 - Rebates (e.g., fuel tax, property tax, farm GST/HST refund, Young Farmer Rebate);
 - Business Risk Management (BRM);
 - AgriRecovery programs (e.g., Prairie Excess Moisture Initiative, Pasture Recovery Initiative, Manitoba Interlake Unseeded Land Restoration Program, Quebec Nematode Program);
 - Hog Farm Transition Program;
 - Compensation for wildlife damage;
 - Subsidies (e.g., hydro);
 - All other program payments.
- **Exclude:** - Patronage dividends (to be reported in Box 679, page 7)

(please specify) **S688**

688	000
------------	-----

Total Program Payments

7. **Total Program Payments** (sum of 2 to 6)

Please copy amount from Box 604 into Box 689, next page, Question 2 a)

604	000
------------	-----

FARM REVENUE

- Report all information for **2010** or your **fiscal year**
- Report to the nearest \$1,000

1. In **2010**, what was the **total gross** farm revenue of this operation, before expenses?

Gross Farm Revenue in 2010	
601	000

- **Include** revenue from sales of breeding and replacement livestock, total program payments, agricultural custom work, agri-tourism
- **Exclude** capital gains, the value of inventory adjustments, the sale of land and buildings, machinery, equipment and quota

THE FOLLOWING REVENUE ITEMS SHOULD ADD UP TO BOX 601 ABOVE.

2. Of the total gross farm revenue in **2010** (*Box 601 above*), how much was from:

689	000
a) Total program payments - please copy the amount from Box 604, page 6	000
b) Sale of grains, oilseeds, pulse crops and forage seeds • Include wheat board payments (Western Provinces only)	000
c) Sale of horticulture products • Include potatoes, fruits, vegetables, greenhouse products, nursery products, food, mushrooms, etc. • Exclude products purchased for resale	000
d) Sale of cattle • Include breeding and replacement livestock	000
e) Sale of pigs • Include breeding and replacement livestock	000
f) Sale of poultry • Include eggs	000
g) Sale of milk, cream and other dairy products • Include goat's milk in <i>Box 679 below</i>	000
h) Custom or contract feeding	000
i) Agricultural custom or contract work and machine rentals	000
j) All other farm revenue (e.g., hay; boarding, training, sale of horses; goat products, other livestock, fur and wool; sugar beets, tobacco, maple products; wood, Christmas trees; land rental, patronage dividends, agri-tourism, etc.)	000

WRITTEN MARKETING CONTRACTS

A written and signed agreement to deliver a certain quantity of a commodity at a specified date. In a marketing contract, the producer owns the product until delivery to the contracted buyer. **Exclude** futures contracts and all other types of contracts.

1. In **2010**, did this operation have any marketing contracts (written and signed)?

320

YES

NO

→ (GO TO THE NEXT SECTION)

2. What was the **gross revenue received** from marketing contracts?.....

321	000
------------	-----

FARM OPERATING EXPENSES

- Report all information for **2010** or your **fiscal year**
- Report to the nearest \$1,000

Total Expenses in 2010	
606	000

1. In **2010**, what were the **TOTAL** farm operating expenses?

- **Exclude** capital investments, capital cost allowance, depreciation, amortization and the value of inventory adjustments

THE FOLLOWING SELECTED EXPENSES WILL NOT ADD UP TO BOX 606 ABOVE.

2. Of the **total** farm operating expenses in **2010** (*Box 606 above*) how much was for:

- a) Fertilizer and lime
- b) Herbicides, insecticides, fungicides, etc.
- c) Seed and plants
 - **Exclude** materials purchased for resale
- d) Feed, supplements and hay
- e) Fuel for machinery, trucks and automobiles
 - **Include** only the farm business share of amounts paid
- f) Heating
 - **Include** natural gas, propane, oil, etc.
 - **Exclude** electricity
- g) Total interest paid on farm debt
 - **Exclude** payments on the principal
- h) Land rentals
 - **Include** money paid to shareholders
- i) Total wages and salaries
 - **Include** all employee benefits

Selected Expenses	
560	000
561	000
562	000
566	000
568	000
597	000
605	000
576	000
572	000

3. Of the total wages and salaries (*Box 572 above*), how much was paid to:

- a) Family
(**FAMILY** is defined as an operator, that operator's spouse and children **residing in the same household**. Children are included regardless of age or marital status as long as they do not have their own spouse or child living in the household.)

FOR CORPORATIONS: report for **ONE** operator and **that** operator's **FAMILY**.

666	000
573	000

- b) Hired help
 - **Exclude** the amount reported in *Box 666 above*

FINANCIAL INFORMATION FOR SOURCES OTHER THAN THIS OPERATION

Agriculture and Agri-Food Canada uses info from this section to analyze the financial well-being of farm families.

For the Farm Financial Survey, **FAMILY** is defined as an operator, that operator's spouse/partner and children **residing in the same household**. Children are included regardless of age or marital status as long as they do not have their own spouse or child living in the household.

FOR CORPORATIONS, report for **ONE** operator and **that** operator's **FAMILY**.

- Report all information for **2010** or your **fiscal year**
- **REPORT TO THE NEAREST \$1,000**
- Refer to your T1 Income Tax and Benefit Return or your T4

INCOME NOT FROM THIS OPERATION

1. In **2010**, what was this **FAMILY's** income from the following sources:

- a) Employment Income [*lines 101 and 104*] from sources other than this operation such as gross wages and salaries (before deductions) 000
- b) Net self-employment income (*business [line 135], professional [line 137], commission [line 139] and fishing [line 143]*) 000
- c) Investment Income such as interest [*line 121*], taxable capital gains [*line 127*], dividends (actually received) [*lines 120 and 122*] from sources other than this operation
 • **Include** net rental income from other real estate [*line 126*] and other investment income 000
- d) Pensions
 • **Include** CPP, QPP [*line 114*], OAS (Old Age Security) [*line 110*], RPPs (Registered Pension Plans), RIFs [*lines 115 and 116*], RRSP withdrawals [*line 129*] 000
- e) Other income from **Government** programs for families or individuals
 • **Include** employment insurance [*line 119*], Canada Child Tax Benefit, Universal Child Care Benefit [*line 117*], Family GST/HST credit
 • **Exclude** any payments for farm programs
 (please specify) **S691** 000
- f) Other income **not** from this operation, e.g. [*line 130*]
 • Report net income after expenses
 • **Include** non-agricultural custom work, oil lease rights, wind turbines, income from other farm operations, other business income
 (please specify) **S693** 000

Income not from this operation in 2010	
693	
	000
691	
	000
669	
	000
670	
	000
690	
	000
692	
	000

ASSETS NOT FROM THIS OPERATION

2. What was the value of assets not from this operation **owned by** this **FAMILY** on **December 31, 2010**?
- **Include** - 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
 - **Exclude** the assets of this farm operation which you previously reported (*page 4, Assets*)

Assets not from this operation on December 31, 2010	
694	
	000

LIABILITIES NOT FROM THIS OPERATION

3. What was the amount of debts not from this operation **owed by** this **FAMILY** on **December 31, 2010** (e.g., non-farm mortgages, personal loans)?
- **Exclude** the liabilities of this farm operation which you previously reported (*page 5, Farm Debt Outstanding*)

Liabilities not from this operation on December 31, 2010	
696	
	000

BUSINESS MANAGEMENT PRACTICES:

The purpose of this section is to obtain information about **business management practices**. Although these questions are voluntary, your answers are important because they represent other farm operations and will assist with determining how well government programs are meeting their objectives.

1. Does this farm operation have a **written** business plan?

YES NO

2. Does this farm operation have a **written** succession plan (other than a will)?

A succession plan outlines the steps individuals make to ensure the continuity of the farm business through to subsequent generations. (It contains three elements: transfer of management and control; transfer of assets and ownership; and transfer of labour.)

YES NO

3. For which of the following purposes does this operation use its record keeping system (whether manual or computer-based)?

Mark all that apply

- 1 Tax purposes
- 2 Monitoring the profitability/performance of the operation as a whole
- 3 Monitoring the profitability/performance of various activities of the operation
- 4 Identifying capital investment opportunities
- 5 Determining cost of production
- 6 Making cash flow projections
- 7 Evaluating risk
- 8 Other (please specify)
- 9 Not applicable, do not use a record keeping system

4. Does this farm operation use benchmarking to assess the financial performance relative to other operations?

Benchmarking is the process of comparing a business operation with others of similar size and specialization, using a database of information.

YES NO

5. In the last 2 years, has this farm operation used outside **business management** expertise to assist with business decisions (e.g. accountants, lawyers, management consultants and **business management** specialists)?

• **Exclude** technical or production expertise

YES NO

6. In the last 2 years, have you participated in a workshop, conference or other learning opportunity to expand your business management skills?

YES NO

Since 2003, federal and provincial governments have been working together to offer initiatives designed to help farm operators manage their operations.

7. Did this farm operation use any of these initiatives?

Please refer to the list of federal and provincial initiatives below and on the following page.

YES

NO (GO TO QUESTION 9)

8. HAVE THESE INITIATIVES ...

a) Resulted in changes in your business management practices?

YES

NO

b) Helped your operation make better business decisions?

YES

NO

c) Led to increased achievement and/or advancement of your goals?

YES

NO

GO TO PAGE 13

9. Which of the following reasons **BEST** describes why you have **NOT** used any of these initiatives?
(*"X" one circle only*)

1 Have not heard of them

5 Lack of information

2 Too costly

6 Initiatives not accessible

3 Too time consuming

7 Did not see a benefit

4 No requirement by financial institutions

8 Use private sector services

GO TO PAGE 13

LIST OF INITIATIVES:

FEDERAL INITIATIVES:

- Farm Business Advisory Services (FBA): Agriculture and Agri-Food Canada (AAFC)
- Specialized Business Planning Services (SBPS): AAFC
- Planning and Assessment for Value-added Enterprises (PAVE): AAFC
- **Canadian Agricultural Skills Service (CASS)**, delivered in:
 - **Newfoundland and Labrador:** AAFC and Service Canada
 - **Prince Edward Island:** AAFC, PEI Department of Agriculture and Holland College
 - **Nova Scotia:** AAFC and Service Canada
 - **New Brunswick:** AAFC and Service Canada
 - **Ontario:** AAFC, Ontario Ministry of Agriculture, Food and Rural Affairs, and Colleges of Ontario Network for Education and Training (CON*NECT)
 - **Manitoba:** AAFC, Manitoba Agriculture, Food and Rural Initiatives, and Manitoba Competitiveness, Training and Trade
 - **Saskatchewan:** AAFC and Saskatchewan Ministry of Agriculture
 - **Alberta:** AAFC, Alberta Agriculture and Rural Development, and Alberta Human Resources and Employment
 - **British Columbia:** AAFC and Service Canada

CONTINUED →

PROVINCIAL INITIATIVES:

Newfoundland and Labrador

- Agriculture Opportunities Program
- Business Development

- Human Resource Development

Prince Edward Island

- Business Development Program
- Self-Assessment Workshop
 - Financials
- Future Farmer Program
- Facilitation and Coaching Assistance by a Program Advisor
 - Skills Assessment and Development of a Personal Learning Plan

- Planning
- Skills
- Business Planning Assistance
- Skills Development and Training

Nova Scotia

- Farm Investment Fund
- Category A: Business Development and Market Enhancement
- Business Plan Development
 - Opportunity Assessment and Planning
 - Training - Business Owner

- Training - Business Employees
- Farm Transfer Activities
- Investigative Travel

New Brunswick

- Business Development Program
- Financial Analysis
 - Planning

- Improving Business Management

Quebec

- Business Development Program (Réseaux Agriconseils)
- Axe 1: Intake and referral
 - Axe 2: Advisory Services for farm businesses

- Axe 3: On-Farm Management Best Practices

Ontario

- Agricultural Management Institute (AMI)
- Growing Forward Business Development for Farm Businesses
- Growing Your Farm Profits Workshop
 - Action Plan Review and Sign-off
 - Farm Financial Assessment

- Agriculture Skills Development
- Advanced Business Planning
- Business Plan Implementation

Manitoba

- Business Development Program
- Agri-Advisor
 - Agri-Extension Business

- Agri-Skills (Agri-Excellence)
- Succeeding Generations

Saskatchewan

- Farm Business Development Initiative - FBDI
- Information Services - AgINFO
 - Business Services - Taking Stock
- Saskatchewan Agri-Value Initiative - SAVI
- Information Services (Agriculture Knowledge Centre)
 - Business Plan or Business Assessment followed by Action Plan

- Training/Business plan development to enhance business skills in nine business practice areas
- FBDI Funding
- SAVI Funding

Alberta

- Business Development Program
- Business Opportunity Grant
 - Leadership Development Grant

- Agri-Business and Product Development
- Business Development Extension/Workshops

British Columbia

- Agri-Food Business Development Program
- Online Information Centre
 - First Nations Business Management

- Business Development Extension
- Farm Business Advisory Services Program

General information

Confidentiality

Your answers are confidential.

Statistics Canada is prohibited by law from releasing any information it collects which could identify any person, business, or organization, unless consent has been given by the respondent or as permitted by the *Statistics Act*. The confidentiality provisions of the *Statistics Act* are not affected by either the *Access to Information Act* or any other legislation. Therefore, for example, the Canada Revenue Agency cannot access identifiable survey records from Statistics Canada.

Information from this survey will be used for statistical purposes only and will be published in aggregate form only.

Record linkages

To enhance the data from this survey, Statistics Canada may combine it with information from other surveys or from administrative sources.

Data-sharing agreements

To avoid duplication of enquiry, Statistics Canada has entered into data-sharing agreements with provincial statistical agencies, which must keep the data confidential and use them only for statistical purposes. Statistics Canada will only share data from this survey with those organizations that have demonstrated a requirement to use the data.

Section 11 of the *Statistics Act* provides for the sharing of information with provincial statistical agencies that meet certain conditions. These agencies must have the legislative authority to collect the same information, on a mandatory basis, and the legislation must provide substantially the same provisions for confidentiality and penalties for disclosure of confidential information as the *Statistics Act*. Because these agencies have the legal authority to compel businesses to provide the same information, consent is not requested and farm operations may not object to the sharing of their data.

For this survey, there are **Section 11** agreements with the provincial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia.

The shared data will be limited to information pertaining to farm operations located within the jurisdiction of the respective province.

Section 12 of the *Statistics Act* provides for the sharing of information with federal and provincial government organizations. Under Section 12, you may refuse to share your information with any of these organizations by writing a letter of objection to the Chief Statistician at the address below. Please specify the name of the survey and the organizations with which you do not want to share your data.

Statistics Canada
Chief Statistician
R. H. Coats Building, 26th floor, Section A
100 Tunney's Pasture Driveway
Ottawa, Ontario K1A 0J6

For this survey, there are **Section 12** agreements with the Prince Edward Island statistical agency and Agriculture and Agri-Food Canada.

For the agreement with the Prince Edward Island statistical agency, the shared data will be limited to information pertaining to farm operations within the jurisdiction of this province.

COMMENTS:
