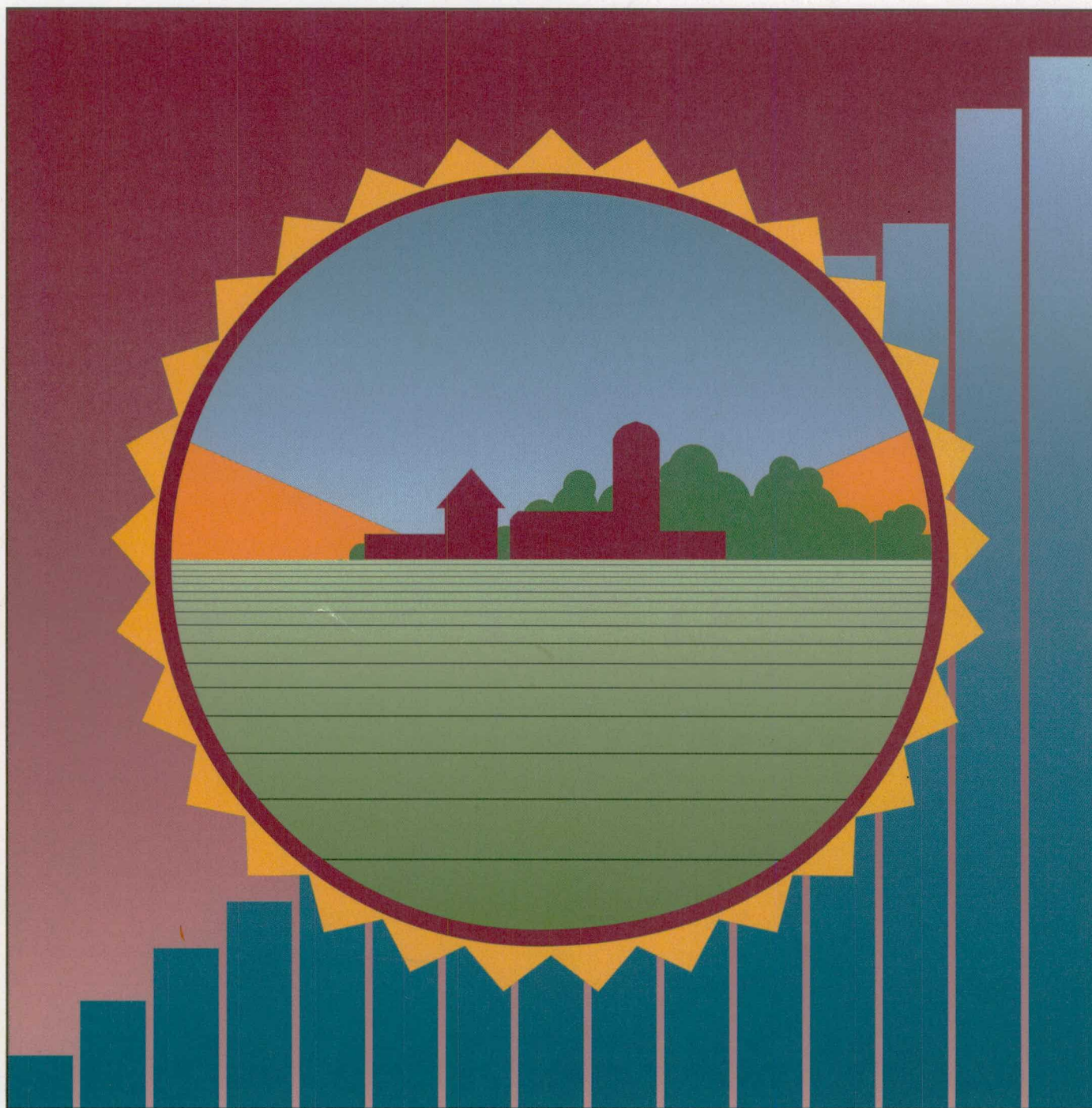


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Whole Farm Data Base Reference Manual

September 1994



Statistics
Canada

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Statistics Canada
Agriculture Division
Whole Farm Data Project

Whole Farm Data Base Reference Manual

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Note of Appreciation

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

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1.0 INTRODUCTION

Meeting Evolving Needs of Users

The Whole Farm Data Base (WFDB) is the product of a joint venture between Agriculture and Agri-Food Canada and Statistics Canada. It was developed with the intention of meeting increasing demands by users of agricultural statistics for more disaggregated data at the whole farm level. Potential users vary from public sector policy-makers, to industry analysts, to 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 agricultural data from already existing administrative and survey sources into one base 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 Data Base

The following chapters will familiarize potential users of the WFDB with the structure and quality of the data and describe currently available WFDB products and services.

2.0 WHOLE FARM DATA BASE

2.1 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), with the aim of providing the data necessary for monitoring the financial position of farm businesses; assessing the impact of changing policies, programs and economic conditions on them; and administering and evaluating agricultural programs.

The Agriculture Division of Statistics Canada and Agriculture and Agri-Food Canada have begun to address these requirements by launching an essential component of the FLDP, the Whole Farm Data Base (WFDB). The ultimate objective of this base is to provide a set of physical and financial data at the whole farm level that is as complete as possible.¹ This is achieved by integrating data from various existing surveys and administrative sources to

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

produce disaggregated statistics by farm type, revenue class and subprovincial geographic regions.

2.2 DATA BASE STRUCTURE

The three major data sources offered on the WFDB are all capable of producing annual data at the farm level. They are: the Taxation Data Program (TDP), the National Farm Survey (NFS), and the Farm Financial Survey (FFS). Although the WFDB can be used to produce estimates for selected domains regardless of the revenue level, **the base is primarily structured to provide data for farms with reported revenues of \$10,000 and over.** The following components have been targeted for each source for the stated reference years:

- **Taxation Data Program** ² - 1987 to 1992
 - detailed revenues and expenses
 - additions and disposals of depreciable assets
 - operator off-farm income ³
 - farm family off-farm income ⁴

- **National Farm Survey** - 1988 to 1992
 - cropland acreages
 - livestock inventories
 - certain financial components ⁵

- **Farm Financial Survey** - 1988, 1990, 1992⁶ and 1993⁷
 - capital investments and sales
 - assets and liabilities
 - long-term capital borrowed

For further information about the sampling and methodology of the TDP, the NFS and the FFS, see Appendix C.

2.3 SELECTION CRITERIA

The WFDB can produce tables using any of the available variables from each data source as selection criteria. However, the production of cross tabulations among the various data sources is limited to a group of descriptive variables, known as the "core" variables, common to each. Financial data from the Taxation Data Program, for example, could not be tabulated by number of animals on a farm since this particular data source does not collect any variables

² The TDP did not cover the Prairie provinces from 1987 to 1989, also 1988 and 1989 data are not available for the BC Peace Region.

³ Unincorporated sector only. Farm operators involved in a single farm operation.

⁴ Unincorporated sector only. Farm families involved in a single farm operation, 1989 to 1991 only.

⁵ Prairie provinces only. These data are not available for 1992.

⁶ The FFS was originally collected by the Farm Credit Corporation under the name "Farm Survey". The dates listed are for reference years 1987, 1989, 1991 and 1992 respectively.

⁷ Prairie provinces and British Columbia only.

on livestock inventories.

This limitation is being addressed through the development of new sampling procedures that will optimize the selection of individual farms common to the different data sources. Ideally, the result will be a more complete set of whole farm data for the *targeted* farms.

The "core" variables (see Table 2.1 below), are divided into three information groupings: regional, farm type, and farm operator. It is the "core" variables that enable the structured disaggregation of the WFDB. As these variables are common to each of the data sources, the data base is capable of offering tabulations with the same selection criteria, (e.g. revenues and expenses from TDP, livestock inventories from NFS, and assets and liabilities from the FFS could all be produced for the same census division, farm type, and revenue class). **Although all 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).

Table 2.1 : Core Variables

REGIONAL INFORMATION	FARM INFORMATION	OPERATOR INFORMATION ^a
<ul style="list-style-type: none"> - province - census agricultural region - census division - census sub-division - federal electoral district - enumeration area - soil zone - postal code 	<ul style="list-style-type: none"> - primary farm type - secondary farm type - revenue - type of organization - degree of specialization - primary farm type - degree of specialization - secondary farm type 	<ul style="list-style-type: none"> - age - sex - marital status

^a Only available for unincorporated farm operators.

The core variables are defined in Appendix A.

2.4 STANDARD OUTPUT FORMATS

The WFDB can provide estimates for every variable collected on all data sources. However, for reasons of quality and consistency, a specific series of agricultural variables in a standard output format has been devised for each

source. Once combined, these series create a comprehensive set of physical and financial data at the *whole farm level*. The variables selected from each source are complementary, thus providing more thorough coverage of the agricultural sector on an annual basis.

In practical terms, these formats will produce tables from the WFDB containing the most concise and reliable estimates. The standard output formats are listed in Table 2.2 on the following pages.

The TDP variables listed in the *Suggested Standard Output Formats* are defined in Appendix B. The NFS and FFS variables are described on the individual survey questionnaires in Appendix E.

2.5 DATA QUALITY

2.5.1 Sampling Errors

All of the estimates produced by the WFDB are products of samples. As such, they are subject to possible sampling errors. Sampling errors arise when observations are based only on a sample and not the population as a whole. The size of the sample, the variability of the characteristic of interest in the population, the sampling design, and the estimation method are all factors that will affect the quality of the estimates. In sample surveys, since inference is made about the entire population based on data obtained from only a part of the population, 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.) as a measure of data quality. The C.V. is an objective statistical measure obtained through random sampling of the variation between each estimate and its "true" value. By measuring the sampling error of the estimate it indicates the degree of confidence that should be placed on the individual data points. It is the user's responsibility to determine if an estimate with a significant C.V. is appropriate for use.

The following is a suggested C.V. rating system:

<u>C.V.</u>	<u>Rating</u>
0.01% - 4.99%	- very good
5.0 % - 9.99%	- good
10.0 % - 14.99%	- acceptable but use with caution
15.0 % - 24.99%	- use with caution unless independent data source concurs with the estimate value
25.0% +	- unreliable

Table 2.2 Standard Output Formats

Taxation Data Program

Estimated Number of Farms

Operating Revenue		Operating Expenses	
R400	All Wheat	R230	Fertilizer & Lime
R401	Oats	R235	Pesticides
R402	Barley	R240	Seed & Plants
R405	Canola (Rapeseed)	R264	Non-Specified Greenhouse & Nursery Expenses
R406	Soybeans	R265	Containers, Twine & Baling Wire
R407	Corn	R2102	Other Crop Expenses
R423	Other and Non-Specified Small Grains	R2105	Total Crop Expenses
R2002	Other and Non-Specified Grains & Oilseeds	R245	Cattle Purchases
R2005	Total Grains & Oilseeds	R246	Swine Purchases
R410	Potatoes	R247	Poultry & Egg Purchases
R2006	Fruits & Vegetables	R248	Sheep & Lamb Purchases
R412	Tobacco	R249	Other Livestock Purchases
R415	Greenhouse & Nursery Products	R250	Feed, Supplements, Straw & Bedding
R435	Forage Crops (incl. Forage Seed)	R255	Vet Fees, Medicine & Breeding Fees
R437	Unspecified Crops (Quebec only)	R2107	Other Livestock Expenses
R2007	Other Crops	R2110	Total Livestock Expenses
R2010	Total Other Crops	R270	Small Tools
R2015	Total Crop Revenues	R2111	Net Machinery/Truck/Auto Expenses (Fuel)
R2016	Cattle & Semen	R2112	Repairs, Licenses/Insurance
R441	Swine	R2120	Total Machinery Expenses
R2017	Poultry & Eggs	R2121	Salaries (incl. CPP, QPP, UI)
R443	Sheep & Goats	R2122	Rent
R2018	Dairy Products & Subsidies	R275	Insurance
R2019	Other Livestock & Products	R285	Telephone (Farm Share)
R2025	Total Livestock & Product Revenues	R2123	Net Electricity (Farm Share)
R2026	Program Payments	R295	Heating Fuel (Farm Share)
R475	Custom Work & Machine Rental	R300	Custom Work & Machine Rental
R2027	Rental Income	R2126	Net Interest Expenses
R490	Insurance Proceeds	R2127	Net Property Tax
R2028	Forest & Maple Products	R2128	Building & Fence Repairs
R2004	Cash Advances (Net)	R2129	Marketing Expense
R2029	Miscellaneous Revenues	R2131	Miscellaneous Farm Expenses
R2035	Total Other Revenues	R2135	Total General Expenses
R2040	Total Operating Revenues	R2140	Total Operating Expenses
R458	Quota Sale Income	R2500	Net Operating Income
R469	CCA Recaptured	R310	Clearing & Improving Land
R2041	Inventory Adjustments	R316	Tile Drainage
R2042	Non-Applicable Income	R2141	Inventory Adjustments
R2045	Total Income Adjustments	R330	Capital Cost Allowance
R2050	Gross Farm Income for Tax Purposes	R331	Allowance on Eligible Capital Property
		R350	Non-Applicable Expenses
		R2142	Other Expense Adjustments
		R2145	Total Expense Adjustments
		R2150	Total Expenses for Tax Purposes

Table 2.2 Standard Output Formats - Continued...

Taxation Data Program

Estimated Number of Farms

Additions and Disposals of Depreciable Assets¹

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

Estimated Number of Individuals or Farm Families

Off-farm Income of Operators and Farm Families

T6010	Wages & Salaries
T6020	Net Business Income
T6030	Net Professional Income
T6040	Net Commission Income
T6050	Net Fishing Income
T6060	Net Off-farm Self-employment
T6070	Investment Income
T6080	Pension Income
T6090	Other Off-farm Income
T6091	Taxable Capital Gains
T6092	RRSP
T6100	Total Off-farm Income

¹ Net business portion

Table 2.2 Standard Output Formats - Continued

National Farm Survey

Estimated Number of Farms

Crops : Land Use		Livestock Inventories	
C280	Total Wheat	C403	Bulls 1 Year & Over
C208	Oats	C404	Dairy Cows
C209	Barley	C405	Beef Cows
C234	Canary Seed	C406	Dairy Heifers 1 Year & Over
C235	Fababeans	C407	Beef Heifers 1 Year & Over
C213	Mixed Grains	C402	Slaughter/Feeder Heifers 1 Year & Over
C282	Total Rye	C408	Steers 1 Year & Over
C216	Corn for Grain	C409	Calves Under 1 Year
C226	Buckwheat	C410	Total Cattle & Calves
C215	Canola (Rapeseed)		
C228	Soybeans	C605	Boars 6 Months & Over
C214	Flaxseed	C606	Sows for Breeding & Bred Gilts
C224	Mustard Seed	C607	Pigs < 45 lbs
C230	Sunflower Seeds	C608	Pigs 45-130 lbs
C1010	Total Grains & Oilseeds	C609	Pigs > 130 lbs
		C610	Total Pigs
C223	Peas (Dry)		
C229	Beans (Dry, White)	C302	Ewes 1 Year & 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 & Over
		C331	Wethers 1 Year & Over
C217	Corn for Fodder	C310	Total Sheep & Lambs
C220	Tame Hay		
C218	Potatoes	C323	Hens & Pullets 20 Weeks & Over
C221	Fruit & Vegetable	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 2.2 Standard Output Formats - Concluded

Farm Financial Survey

Estimated Number of Farms

Assets		Liabilities	
Current Assets		Current Liabilities	
F309	Cash, Bonds, Savings, Stocks, Shares, RRSP's	F4401	Federal Government
F305	Accounts Receivable	F403	Provincial Government
F306	Inputs	F405	Caisses Populaires & Credit Unions
F307	Crops for Sale	F410	Banks, Trusts, etc.
F308	Market Livestock	F407	Machinery & Supply Companies
F3001	Total Current Assets	F408	Private Individuals
		F409	Others
		F441	Total Current Liabilities
Long-Term Assets		Long-Term Liabilities	
F301	Farm Land & Buildings Owned	F4402	Federal Government
F302	Breeding & Replacement Livestock	F483	Provincial Government
F303	Machinery & Equipment	F480	Banks, Trusts, etc.
F304	Quota	F485	Caisses Populaires & Credit Unions
F3002	Total Long-Term Assets	F487	Machinery & Supply Companies
		F488	Private Individuals
F391	Other Assets	F489	Others
F3003	Total Farm Assets	F4001	Total Long-Term Liabilities
		F4002	Total Farm Liabilities
F350	Non-Farm Assets	F450	Non-Farm Liabilities
		F4003	Total Net Worth

Capital

Capital Investments

F201	Farm Real Estate Purchased
F202	Land Improvements
F203	House Construction or Major Renovation
F204	Other Building Construction or Renovation
F205	Breeding & Replacement Livestock
F206	Quota Purchased
F261	Farm Machinery & Equipment
F217	Other Farm Assets
F2001	Total Capital Investments
F250	Total Non-Farm Investments

Capital Sales

F233	Land & Buildings
F234	Machinery & Equipment Sold Outright
F235	Quota Sold
F236	Breeding & Replacement Livestock
F2002	Total Capital Sales

Long-Term Capital Borrowed

F5501	Federal Government
F583	Provincial Government
F580	Banks, Trusts, etc.
F585	Caisses Populaires & Credit Unions
F587	Machinery & Supply Companies
F588	Private Individuals
F589	Others
F5001	Total Long-Term Capital Borrowed

2.5.2 Non-sampling Errors

Non-sampling errors can occur whether an estimate is based on a sample or on a complete census. These errors can occur at various stages of data processing (e.g. coding, data entry, editing, weighting, and tabulation) and include errors introduced inadvertently by the respondents. Such errors have been minimized through extensive edits and data analysis. However, some limitations have been identified:

- In Saskatchewan, due to the unreliability of the TDP Census Sub-division (CSD) breakdowns, Census Agricultural Regions (CAR's) cannot be reliably determined.
- The TDP is unable to assign farm types to certain crop farms in Quebec. As a result these farms have been classified as *unspecified crop farms* (see Appendix A).
- TDP estimates for the Peace River region of British Columbia are unavailable for the years 1988 and 1989.

2.6 CONFIDENTIALITY

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

For each of the tabulations produced the *estimated number of farms* is rounded to the base "5" and the estimates of the other variables within that table are adjusted by a variable factor. The estimated number of farm families is rounded to the base "10". Should the degree of detail to answer user requests create confidentiality concerns, the affected data or the entire table will be automatically suppressed by the data base system.

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

3.0 PRODUCTS AND SERVICES

3.1 INTRODUCTION

To satisfy a variety of user needs, the WFDB offers a diverse collection of products and services. From an annual publication of Taxation Data Program financial data to the Extraction System of Agricultural Statistics (ESAS) and customized requests, the WFDB Project Team is dedicated to offering users the data they need whether in hard copy or electronic format.

3.2 ANNUAL PUBLICATION

Agricultural Financial Statistics, (STC cat. no. 21-205) consists of a series of statistical tables featuring estimates derived from the Taxation Data Program. Included in this publication are: complete itemizations of operating revenues and expenses; and sources and levels of farm and off-farm income for unincorporated operators and farm families, all presented by province, farm type, and revenue class. The tables are accompanied by text outlining concepts, methods and data highlights.

The most current version of *Agricultural Financial Statistics* is available at a cost of \$45.00 Cdn. New editions are published annually in the spring. To obtain a copy just fill out the order form provided at the end of this document.

3.3 EXTRACTION SYSTEM OF AGRICULTURAL STATISTICS

The *Extraction System of Agricultural Statistics*, ESAS, is a compilation of the most commonly requested estimates from the Whole Farm Data Base. This CD-ROM product has been designed to provide you with desktop access to a wide array of physical and financial farm statistics. The system offers: a complete itemization of operating revenues and expenses; sources and levels of farm and off-farm income for operators and farm families; assets, liabilities and capital investment for farms; and information on land use and livestock inventories by region, farm type and revenue class. Users have the option of selecting pre-defined tables or customizing a tabulation to meet specific needs. The resulting tabulations can be viewed on-line, printed, or exported to another computer application.

With the needs of its users in mind, ESAS is under continuous development. Currently, there are plans to enhance the system with graphic and mapping capabilities and calculator facilities.

ESAS is offered at a price of \$925. Annual updates are available at a cost of just \$495 after the purchase of the initial package. A discount of 50% is available to all educational institutions.

If you would like to order ESAS, refer to the order form at the back of this document. If you are undecided, demonstration packages are also available upon request.

3.4 CUSTOMIZED REQUESTS

Customized tables are another option available to users of the WFDB. Users should be prepared to specify the type of components required (see Section 2.2), (e.g. off-farm income, livestock inventories), the applicable data sources, and the appropriate "core variable" disaggregation, (e.g. farm type, revenue

class, region).

Customized WFDB tables are available on hard copy or in ASCII format (on diskette).

It is important to note that the degree of detail for certain requests may limit data availability due to confidentiality concerns, and as a result some data will be suppressed.

The cost of customized WFDB products varies according to the size and the complexity of the request.

3.5 ORDERING WFDB PRODUCTS AND SERVICES

For more information about the Whole Farm Data Base please write to:

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

or call (613)951-5027

or fax (613)951-3868

To order *Agricultural Financial Statistics* or ESAS, please refer to the order form provided at the end of this document.

APPENDIX A

DESCRIPTION OF CORE VARIABLES

REGIONAL INFORMATION ¹

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

* **Census Agricultural Region:** More commonly referred to as a **CAR**, this subprovincial geographic division is used by the Census of Agriculture for disseminating agricultural statistics and the WFDB uses it for the same purpose. In all provinces except Newfoundland, Prince Edward Island and Saskatchewan, it is a contiguous group of **census divisions**. In Saskatchewan, agricultural regions are groupings of **census consolidated subdivisions**, but these groupings do not necessarily respect census division boundaries. Census agricultural regions have not been defined for Newfoundland and Prince Edward Island.

Census Division: These are intermediate geographic areas between the census sub-division and the province. They have been established by provincial law, with the exception of those in Newfoundland, 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, districts, regions, municipalities, etc.

Census Sub-division: Applies to municipalities, as defined by provincial law, and geographic areas equivalent to municipalities, created by Statistics Canada in Newfoundland, Nova Scotia, and British Columbia, with co-operation of the provinces.

Enumeration Area: This is used by the census to refer to a geographic area canvassed by one census representative.

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

Postal Code: This is a six-digit alpha-numeric code detailed and maintained by Canada Post Corporation for the processing of mail.

Soil Zone: This division is applicable only in the Prairie provinces and it refers to four different types of soil: grey, brown, dark brown, and black.

FARM INFORMATION

* **Farm Type:** For each data source, the type of farm is based on a percentage of agricultural sales. The commodity or commodity group that makes up 51% 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

¹ The CARs are outlined on the maps found in **Appendix D** (pages D1 to D8). All of the maps are based on 1991 Census boundaries.

* Indicates variables currently available on ESAS.

highest percentage of commodity sales. *Standard Industrial Classification* (SIC 4 digit codes), acts as a basis for classifying the farm types. In some cases, the WFDB has added a fifth digit to the codes to further breakdown the farm type.

Another core variable offered for further disaggregation is the **degree of specialization**. 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 cattle farm receives 90% of its total agricultural sales from the sale of cattle, then the degree of cattle specialization would thus be 90%.

Listed below are the 11 most commonly requested farm types. These are available for each of the data sources and they can also be found on the *Extraction System of Agricultural Statistics*. For a complete set of farm types and their respective availability see **Table A.1**.

Farm Type	WFDB Code
Dairy	1110
Cattle	1120
Hogs	1130
Poultry and Eggs	1140
Livestock Combination	1190
Grain and Oilseed	9990
Potato	1380
Tobacco	1370
Fruit and Vegetable	1500
Greenhouse and Nursery	1625
Other Farm Types	9995

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

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

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

Type of Organization: The types of organizations are defined as incorporated and

* Indicates variables currently available on ESAS.

unincorporated farms.

OPERATOR INFORMATION:

Age: Each of the data sources provides the age of the principal farm operator.

Sex: Data on the gender of the farm operator is also available from the data sources.

Marital Status: Marital status is defined by 5 variables: married, widow(er), divorced, separated or single.

Table A.1 Farm Type Codes and Availability

WFDB CODE	FARM TYPE	TDP	NFS	FFS
1100	LIVESTOCK	✓	✓	✓
1110	Dairy	✓	✓	✓
1120	Cattle	✓	✓	✓
1121	Cattle, cow-calf		✓	✓
1122	Cattle, feeders -cow-calf		✓	✓
1123	Cattle, feedlot cattle		✓	✓
1124	Cattle, other cattle		✓	✓
1130	Hogs	✓	✓	✓
1131	Hogs, farrowing		✓	✓
1132	Hogs, finishing		✓	✓
1133	Hogs, farrowing and finishing		✓	✓
1134	Hogs, other hogs		✓	✓
1140	Poultry and eggs	✓	✓	✓
1141	Poultry	✓	✓	✓
1142	Eggs	✓	✓	✓
1143	Turkeys			✓
1144	Other poultry			✓
1149	Poultry and egg combo	✓	✓	
1150	Sheep, goats and lambs	✓	✓	✓
1190	Livestock combination	✓	✓	✓
1200	OTHER ANIMAL SPECIALTY	✓	✓	✓
1210	Honey and related products	✓		✓
1220	Horses and other			✓
1230	Furs and skins	✓		✓
1290	Other animal speciality	✓	✓	✓
1299	Animal combo total	✓	✓	
1300	FIELD CROPS	✓	✓	✓
1310	Wheat	✓	✓	
1320	Small grains	✓	✓	✓
1330	Oilseeds	✓	✓	
1340	Grain corn	✓	✓	
1350	Forage crop	✓	✓	
1360	Dry peas and beans	✓	✓	
1370	Tobacco	✓	✓	✓
1380	Potatoes	✓	✓	✓
1390	Other crops	✓	✓	✓
1396	Grains			✓
1397	Specialty crops			✓
1395	Crops unspecified (Que. only)	✓		

Table A.1 Farm Type Codes and Availability Concl'd...

WFDB CODE	FARM TYPE	TDP	NFS	FFS
1400	FIELD CROP COMBINATION	✓	✓	
1405	Grains & oilseeds combo (<i>combo of wheat, small grains, oilseeds, grain corn, or dry peas and beans</i>)	✓	✓	
1409	Other field crop combo	✓	✓	
9990	ALL GRAINS AND OILSEEDS (incl. all of sections 1300 and 1400, except for 1350, 1370, 1380, 1390, 1397 and 1409)	✓	✓	✓
1500	FRUITS AND VEGETABLES	✓	✓	✓
1510	Fruits	✓		✓
1511	Apples	✓		
1512	Blueberries	✓		
1513	Other fruits	✓		
1514	Fruit combo	✓		
1520	Vegetables	✓		✓
1590	Fruits and vegetables combo	✓	✓	
1600	HORTICULTURE	✓	✓	✓
1610	Mushrooms	✓		
1620	Greenhouse			✓
1625	Greenhouse and nursery	✓	✓	✓
1690	Other horticulture products	✓		✓
1691	Ginseng	✓		
1692	Maple products	✓		✓
1693	Christmas trees	✓		
1694	Other horticulture	✓		
1699	Horticulture combo	✓		
1700	LIVESTOCK, FIELD CROP and HORTICULTURE COMBO	✓	✓	✓
1800	NO FARM TYPE ASSIGNED	✓	✓	✓

APPENDIX B

DEFINITION OF TDP VARIABLES

DEFINITION OF TDP VARIABLES

The WFDB offers a wide range of physical and financial variables from three survey sources. The suggested formats are listed in Table 2.2 (pages 5 to 8). 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.

Listed and defined below and on the subsequent pages are the TDP suggested variables. All of the 4 digit codes signify aggregations and their contents are listed and defined wherever necessary.

Revenue

- R400 All Wheat - winter wheat, spring wheat, durum wheat, red spring wheat and utility wheat.
- R401 Oats
- R402 Barley
- R405 Canola (Rapeseed)
- R406 Soybeans
- R407 Corn - grain corn and seed corn
- R423 Other and Non-Specified Small Grains - used when an aggregate amount or an amount for other small grains was reported.
- R2002 Other and Non-Specified Grains & Oilseeds - includes:
 - R403 rye
 - R404 flaxseed
 - R416 dry peas and beans - white beans, kidney beans, dry peas, dry lentils and dry pulses.
 - R418 other and non-specified oilseeds - used when an aggregate amount or an amount for other oilseeds was reported.
- R2005 Total Grains & Oilseeds
- R410 Potatoes - table potatoes, seed and processing potatoes.
- R2006 Fruits & Vegetables - Includes:
 - R408 apples
 - R409 other fruits - all fruits except apples and blueberries
 - R411 vegetables (non-greenhouse) - artichokes, asparagus, wax and green beans, table beets, broccoli, brussel sprouts, cabbage, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, horseradish, leeks, lettuce, onions, peas, peppers, pumpkins, radishes, rhubarb, rutabagas (turnips) table, spinach, squash, tomatoes, and vegetable seeds.
 - R419 blueberries
- R412 Tobacco - flue-cured, leaf and dark tobacco.
- R415 Greenhouse & Nursery Products - nursery, greenhouse or floriculture operations. Also included are: ornamental plants, shrubs and trees; cut and field grown flowers; rooted cuttings; seeds and bulbs; and sod and turf farms.
- R435 Forage Crops (incl. Seed) - hay, alfalfa, clover and clover seed, alsike, timothy and fescue, as well as grass seed farming.

- R437 Unspecified Crops (Quebec only) - used when an aggregate amount for crop revenues was reported.
- R2007 Other Crops - includes:
 - R413 ginseng
 - R414 mushrooms
 - R427 other field crops - sugar beets, hops, mangels and turnips (for livestock feed).
- R2010 Total Other Crops
- R2015 Total Crop Revenues
- R2016 Cattle & Semen - includes:
 - R440 livestock sold - cattle - steers (feeder and stocker), heifers, cows (dairy and beef), calves and bulls.
 - R468 semen - semen, stud service, embryo transplants or artificial insemination.
- R441 Swine - also referred to as hogs, weaners, gilts, feeders, sows, stags, boars, and market pigs.
- R2017 Poultry & Eggs - includes:
 - R442 livestock sold - poultry - chicks, pullets, hens, cockerels, capons, commercial broilers and roasters, turkeys, ducks, geese and other fowl.
 - R445 eggs
- R443 Sheep & Goats - sheep, goats, lambs, wool, and goats milk.
- R2018 Dairy Products & Subsidies - includes:
 - R450 milk and cream - for both fluid and industrial purposes.
 - R455 dairy subsidies
- R2019 Other Livestock & Products - includes:
 - R444 livestock sold - other - other livestock such as horses, ponies, dogs, etc.
 - R460 bees, honey - bees, honey (natural and processed), and beeswax.
 - R461 furs - fur-bearing animals raised in captivity and/or fur pelts, includes fox ranching, chinchilla ranching, mink ranching, and rabbit farming.
 - R477 P.M.U. (pregnant mare's urine)
- R2025 Total Livestock & Product Revenues
- R2026 Program Payments - includes:
 - R430 all stabilization payments income
 - R472 Christmas tree grants, subsidies
 - R473 NISA
 - R476 Special Grains Program
 - R478 GRIP
 - R495 other subsidies - subsidy income other than dairy subsidies (e.g. hog incentive programs, acreage payments, assistance for clearing land, government grants, etc.).
 - R496 subsidies, reimbursements, rebates, patronage dividends, government payments, or payments from co-operatives - this code used when farm taxfiler reports an aggregate amount and no split can be obtained.
- R475 Custom Work & Machine Rental - custom work, contract work, machinery leasing or rental, hauling, custom trucking, harvesting, combining, crop dusting or spraying, seeding, drying, packing, cleaning and treating of seeds.
- R2027 Rental Income - includes:
 - R457 quota rental income - (e.g. milk quota, tobacco quota, etc.).

- R481 rental income: land & buildings
- R482 other rental income - surface rental of oil or natural gas properties, right-of-way or road rent.
- R490 Insurance Proceeds - insurance payments for loss of crops as a result of adverse weather conditions such as drought, loss of livestock due to disease or other causes, and other.
- R2028 Forest & Maple Products - includes:
 - R465 maple products - maple syrup, maple sugar, or maple taffy.
 - R470 wood (incl. stumpage fees) - logs, trees, wooden fence posts or any related forest products such as chips or slab wood.
 - R471 Christmas trees
less R353 logging expenses.
- R2004 Cash Advances (Net) - R425 - cash advances less R315 cash advances repayment.
Note: this includes any Wheat Board Payments reported on statement.
- R2029 Miscellaneous Revenues - includes:
 - R459 quota refund or levy refunds.
 - R467 sand or gravel - sand, gravel, soil or top soil.
 - R479 GST
 - R480 patronage dividends - (e.g. grain pools, payments from cooperatives, co-op proceeds, etc.).
 - R500 other farm income excl. rental income - miscellaneous, other or sundry income.
 - R508 profit share income (or share)
 - R649 inputs bought for resale - sold - agricultural commodities sold which were bought, but no agricultural process applied to them, (e.g. fertilizers sold for resale, chemicals sold for resale, wood sold for resale, etc.).
 - R650 outputs bought for resale - sold - agricultural commodities bought in addition to what was grown or produced, (e.g. grain, fruits, produce, vegetables or berries, etc.).
 - R651 horse racing income (<100%) - relates to R354 (used when any horse racing expenses reported).
less R351 inputs bought for resale (see R649).
less R352 outputs bought for resale (see R650).
less R354 horse racing expense (<100%) (see R651)
- R2035 Total Other Revenues
- R2040 Total Operating Revenues
- R458 Quota Sale Income
- R469 CCA Recaptured - capital cost allowance recovered, recaptured from last year, etc.
- R2041 Inventory Adjustments - includes:
 - R510 optional value of livestock, end of current year - livestock inventories only. (Prior to 1990.)
 - R635 mandatory inventory adjustment ¹
 - R641 optional inventory adjustment ¹
- R2042 Non-Applicable Income - income not earned from the sale of farm products.
- R2045 Total Income Adjustments
- R2050 Gross Farm Income for Tax Purposes.

¹ For definitions please refer to **Farming Income Tax Guide** available from Revenue Canada.

Expenses

- R230 Fertilizer & 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 & Plants - also ornamental plants, rooted cuttings and bulbs.
- R264 Non-Specified Greenhouse & Nursery Expenses - used when aggregate amount reported for greenhouse & nursery. *(Prior to 1990.)*
- R265 Containers, Twine & Baling Wire - bags, containers, twine, all types of materials used to package, contain or ship farm produce or products.
- R2102 Other Crop Expenses - includes:
 - R314 irrigation - any expense directly associated with irrigation on the farm including water rights.
 - R324 crop supplies - used when aggregate or a single amount is reported for "crop supplies".
- R2105 Total Crop Expenses
- R245 Cattle Purchases - cattle, feeders, stockers, dairy or beef cows, bulls, and calves.
- R246 Swine Purchases - hogs such as service boars, gilts, sows, and weanlings.
- R247 Poultry & Egg Purchases - chicks, pullets, broilers, layer hens, ducks, geese, turkeys, and other fowl.
- R248 Sheep & Lamb Purchases - sheep, lambs, and goats.
- R249 Other Livestock Purchases - horses, ponies, minks, foxes, rabbits, ostriches, and bees (or colonies).
- R250 Feed, Supplements, Straw & Bedding - hay, straw, feed grains such as oats, barley, and corn; supplements such as salt, minerals, vitamins, concentrates and milk replacer; and beddings items such as shavings, chips, and sawdust.
- R255 Vet Fees, Medicine & Breeding Fees - veterinary fees and medicine as well as breeding fees, stud service and semen, embryo transplants, disease testing, neutering or spaying.
- R2107 Other Livestock Expenses - includes:
 - R312 D.H.I.A. and animal grading - Dairy Herd Improvement Association expenses and animal grading.
 - R323 dairy or livestock supplies
- R2110 Total Livestock Expenses
- R270 Small Tools
- R2111 Net Machinery/Trucking/Auto Expenses (Fuel) - includes:
 - R220 machinery and truck expenses - gasoline, diesel and oil.
 - R225 automobile expenses (farm share) - gasoline and oil.
less R485 gasoline tax rebates.
- R2112 Repairs, Licenses/Insurance - includes:
 - R221 machinery and truck expenses - repairs, licenses and insurance.

- R226 automobile expenses (farm share) - repairs, insurance and licenses/permits.
- R2120 Total Machinery Expenses
 - R2121 Salaries (incl. CPP, QPP, UI) - includes:
 - R195 salaries (incl. CPP, QPP, or UI) - wages and salaries paid to hired help together with the cost of their board. Also includes wages and salaries paid to children and spouses and all employee benefits.
 - less R605 salaries or wages paid to self.
 - R2122 Rent - includes:
 - R205 rent (land, buildings and pasture)
 - R318 quota rental
 - R275 Insurance
 - R285 Telephone (Farm Share)
 - R2123 Net Electricity (Farm Share) - includes:
 - R290 electricity farm share
 - less R488 electricity rebates.
 - R295 Heating Fuel (Farm Share) - natural gas, coal or oil to heat farm buildings, as well as curing fuel for tobacco and fuel for crop-drying or greenhouses.
 - R300 Custom Work & Machine Rental - harvesting, combining, baling, threshing, crop dusting and spraying, soil preparation, planting and cultivating, grain drying, seed cleaning and treating, sheep dipping and shearing, livestock spraying, soil testing, blacksmithing, animal boarding and grooming, slaughtering, butchering, cutting and wrapping,; and rental or leasing of machinery used for purpose of generating farm income.
 - R2126 Net Interest Expenses - includes:
 - R210 interest paid on real estate mortgages.
 - R211 interest paid other than on real estate mortgages.
 - less R487 interest rebates.
 - R2127 Net Property Tax - includes:
 - R215 property taxes on agricultural land and buildings as well as farm share of principal dwelling, also school and municipal taxes.
 - less R486 property tax or land rebates.
 - R2128 Building & Fence Repairs - includes:
 - R260 building repairs
 - R261 fence repairs
 - R2129 Marketing Expense - includes:
 - R305 freight and trucking - transportation of agricultural products to market.
 - R328 selling costs - commissions, auctioneering charges, or road side stands.
 - R332 marketing board fees - e.g. Milk Marketing Board, Egg Marketing Board, also dairy levies, milk quota or quota penalties.
 - R2131 Miscellaneous Farm Expenses - includes:
 - R280 accounting, legal, office, advertising, memberships, subscriptions
 - R284 GRIP
 - R308 share expenses
 - R311 sand, soil and gravel
 - R320 other farm expenses - miscellaneous or sundry

R321 other farm expenses
R322 farm supplies - e.g. oxygen and acetylene
R333 stabilization levies or fees (government levies)
R263 maple product expenses - when aggregate reported
R267 wood expenses - when aggregate reported
R307 raising expenses - when aggregate reported
R317 expense for bad debts (incorporated farms only)
R660 business use of home expense
less R615 cost for saleable products consumed
less R621 personal or non-business expenses

R2135 Total General Expenses

R2140 Total Operating Expenses

R2500 Net Operating Income

R310 Clearing & Improving Land - e.g. drilling or digging wells, removing stumps or rocks, etc.

R316 Tile Drainage

R2141 Inventory Adjustments - includes:

R325 optional value of livestock, end of previous year - if value of livestock at end of previous year exceeds fair market value of livestock on hand, may be deducted (*not valid for 1990+*)

R326 mandatory inventory adjustment ²

R327 optional inventory adjustment ²

R330 Capital Cost Allowance - applies to amount deducted for depreciable property

R331 Allowance on Eligible Capital Property - all eligible capital expenditures to purchase intangible capital property for use in the farm business, e.g. milk quotas, tobacco quotas, or other government rights for an unlimited period.

R350 Non-Applicable Expenses - expenses not incurred in order to produce farm income

R2142 Other Expense Adjustments - includes:

R319 quota purchased

R334 capital expense

R309 capital tax

R2145 Total Expense Adjustments

R2150 Total Expenses for Tax Purposes

Additions and Disposals of Depreciable Assets

The following percentages represent the rate at which Revenue Canada 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

² For definitions please refer to **Farming Income Tax Guide** available from Revenue Canada.

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 equipments 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 after May 25, 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 ³
Class 60	Other ³

³ These classes were created by the Agriculture Division of Statistics Canada.

Off-Farm Income of operators and farm families ⁴

- T6010 Wages & Salaries - includes:
 - T101 employment income before deductions
 - T104 other employment income including tips & gratuities
 - less T109 deduction - other allowable expenses (*not applicable after 1987*)
- T6020 Net Business Income
 - T135 business income
- T6030 Net Professional Income
 - T137 professional income
- T6040 Net Commission Income
 - T139 commission income
- T6050 Net Fishing Income
 - T143 fishing income
- T6060 Net Non-Farm Self-Employment
- T6070 Investment Income - includes:
 - T120 taxable amount of dividends
 - T126 net rental income
 - T121 interest and other investment income
 - T122 net limited partnership income
- T6080 Pension Income - includes:
 - T113 Old Age Security pension
 - T114 CPP/QPP
 - T115 other pensions or superannuation
 - T146 net federal supplements⁵
- T6090 Other Off-farm Income - includes:
 - T118 family allowance payments
 - T119 unemployment insurance benefits
 - T128 alimony or separation allowance
 - T130 other income
 - T144 worker's compensation payments⁵
 - T145 social assistance payments⁵
- T6091 Taxable Capital Gains
 - T127 taxable capital gains
- T6092 RRSP
 - T129 registered retirement savings plan income
- T6100 Total Off-Farm Income

⁴ The 3-digit codes are all from the *Revenue Canada Taxation T-1 General Taxation Form*, which are defined in *Your Guide: Federal and Provincial Tax Guide and Returns*.

⁵ Applicable for 1992 only •

APPENDIX C

SURVEY SAMPLES AND METHODOLOGIES

TAXATION DATA PROJECT

The Sample

The TDP annually samples unincorporated and incorporated taxfiler records to estimate a range of financial agricultural variables. Detailed income and expenses, additions and disposals of depreciable assets, 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 2.2, (pages 5 and 6).

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

The Methodology

TDP data is compiled from two separate sources: 1) a random sample of **unincorporated income tax returns** selected from the Self-Employment File for Agriculture (SEFA); and 2) a random sample of **incorporated tax returns** selected from the CORPAC file that were classified as farms (SIC) with sales of over \$25,000. The sampling rate varies depending on the province, from almost census size in Newfoundland to a 15 to 20% sample in Ontario.

Statistics Canada first captures all necessary data, (e.g. reported revenues, expenses and additions/disposals, etc.), from the tax records. The affected data is then subjected to a series of detailed edit and imputation procedures, after which it is expanded by the sampling "weight", adjusted according to the partnership share, and aggregated to arrive at the final estimates. Total operator's off-farm income items are estimated using the same approach except that the "weight" is not multiplied by the partnership share. Consideration is given by all of these procedures to the possibility of the sampled records reporting farm income but with sales that are not considered agricultural.

More information on the sample and methodology of the Taxation Data Project is available in the publication "Agricultural Financial Statistics" (refer to Section 3.0 Products and Services, or to the order form provided at the end of this document).

TAXATION DATA PROJECT - Farm Family Off-farm Income

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 Small Area and Administrative Data Division (SAADD) within Statistics Canada. SAADD's family file (T1FF) combines individual taxation records in order to create groups modeled after *Census families*.¹

¹ *Census families are defined as a husband and wife, legal or common law, with or without their never married children; or lone parent with at least one child, of any age, never married.*

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 estimates is available from Agriculture Division of Statistics Canada.

NATIONAL FARM SURVEY

The Sample

The NFS is conducted annually and covers all the provinces. The three main types of agricultural variables that are targeted by the NFS are: 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 2.2, (page 7).

The Methodology

Two types of sampling frames are employed by the NFS: a list frame and an area frame. The country is 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 register annual agricultural sales of \$250 or more are included in the survey.

The data collection process begins with detailed NFS questionnaires requesting information on the size and use of farm land, detailed livestock inventories, and selected financial variables. Next, these questionnaires go through an extensive edit process which involves imputations for partial respondents. Sampling weights are adjusted for non-respondents and then assigned to the "usable" questionnaires to produce estimates.

More detailed information on the methodology of the NFS is available upon request from the Agriculture Division of Statistics Canada.

FARM FINANCIAL SURVEY

The Sample

The Farm Financial Survey (FFS), was known previous to 1992 as the Farm Credit Corporation (FCC) survey. The FCC survey was conducted in 1981, 1984, 1988 and 1990 (collecting data for 1980, 1983, 1987 and 1989). In 1992, the FFS targeted over 12,000 farms for the collection of annual detailed financial data. In 1993, due to budget constraints, the FFS reduced its sample to include only the Prairie provinces and British Columbia. While the relatively small sample size of the FFS may constrain some disaggregations, it is capable of providing reliable financial agricultural data. All

of the WFDB suggested formats for these data are listed in Table 2.2, (page 8).

The Methodology

Like the NFS, the FFS uses two types of sampling frames, a list frame and an area frame², to estimate detailed financial variables. The FFS questionnaires are also subjected to several edit and imputation procedures before the actual estimates are finalized.

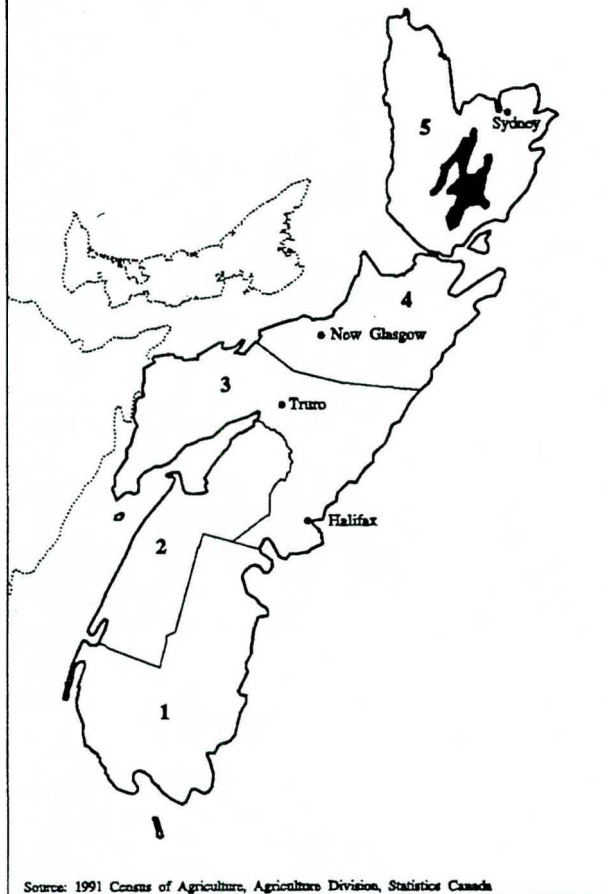
More detailed information about the methodology employed by the Farm Financial Survey is available upon request from the Agriculture Division of Statistics Canada.

² Except for 1988 for which there was no area frame.

APPENDIX D

CENSUS MAPS

NOVA SCOTIA
1991 Census Agricultural Regions

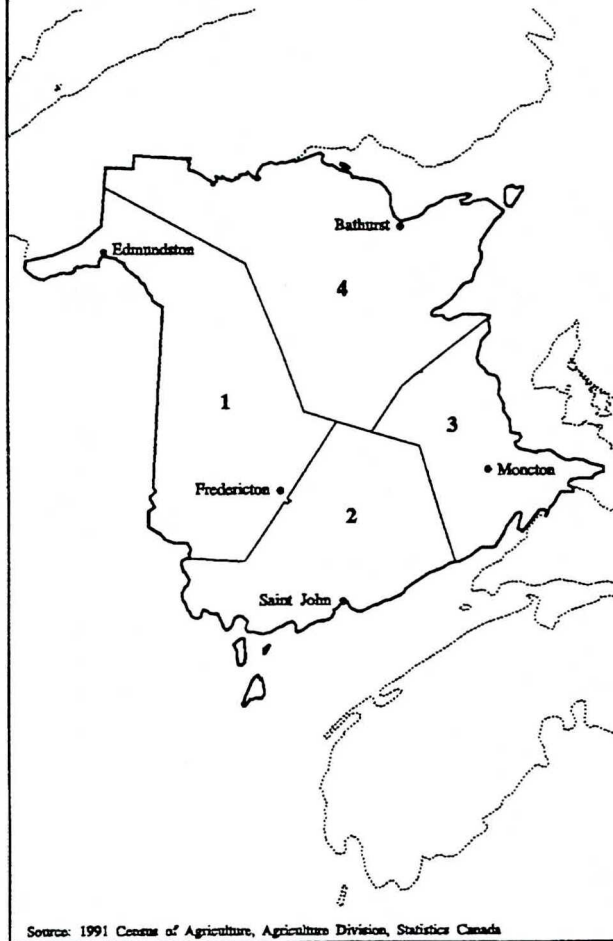


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada
Produced by SAGA, Agriculture Division, Statistics Canada

Nova Scotia

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

NEW BRUNSWICK
1991 Census Agricultural Regions

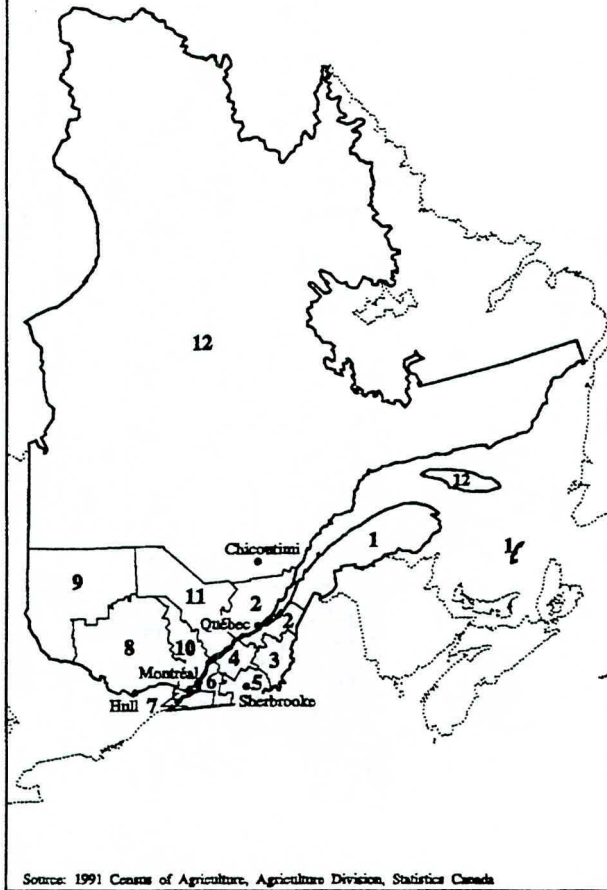


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada
Produced by SAGA, Agriculture Division, Statistics Canada

New Brunswick

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

QUEBEC
1991 Census Agricultural Regions



Quebec

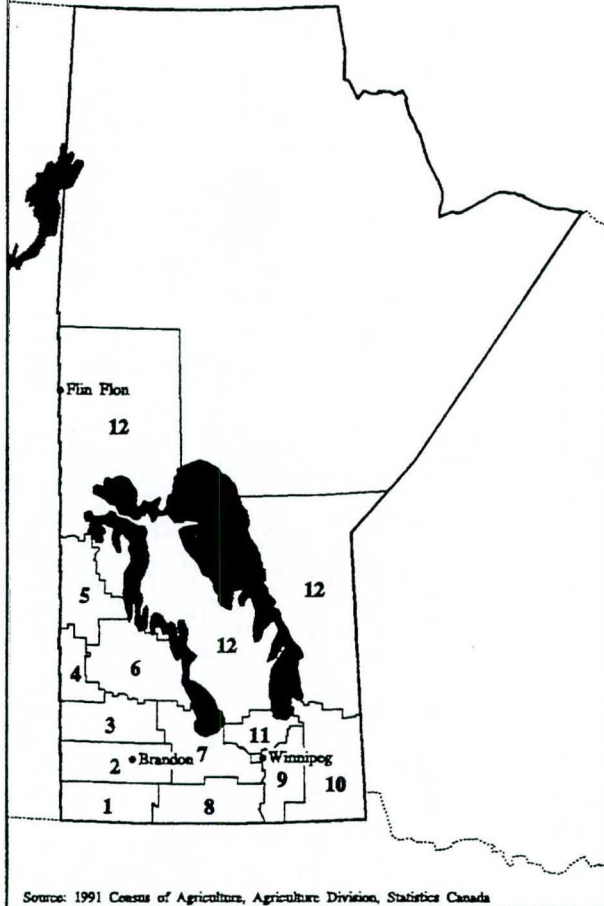
- 1 Bas-Saint-Laurent, Gaspésie, Îles-de-la-Madeleine
- 2 Québec
- 3 Beauce-Appalaches
- 4 Bois-Francs
- 5 Estrie
- 6 Richelieu, Saint-Hyacinthe
- 7 Sud-Ouest de Montréal
- 8 Outaouais-Laurentides
- 9 Abitibi-Témiscamingue
- 10 Nord de Montréal
- 11 Mauricie
- 12 Saguenay, Lac-Saint-Jean, Côte-Nord



Ontario

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

MANITOBA
1991 Census Agricultural Regions

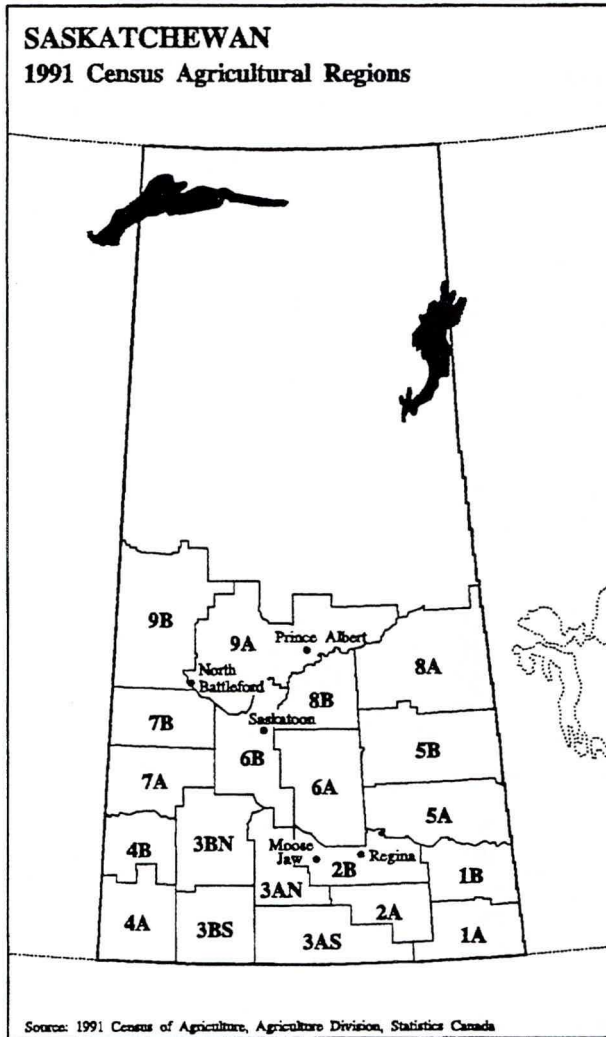


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada
Produced by SAGA, Agriculture Division, Statistics Canada

Manitoba

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

SASKATCHEWAN
1991 Census Agricultural Regions

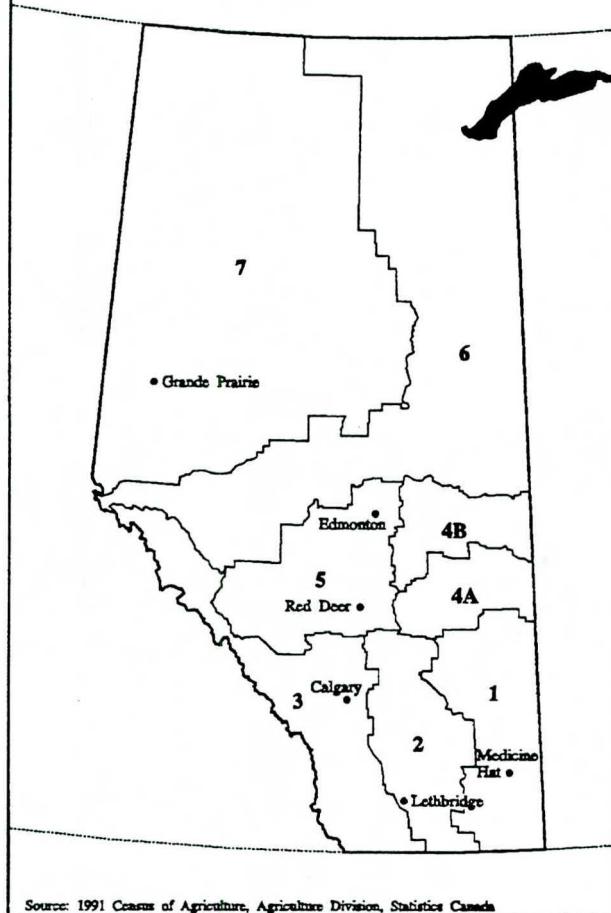


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada
 Produced by SAGA, Agriculture Division, Statistics Canada

Saskatchewan

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

ALBERTA
1991 Census Agricultural Regions



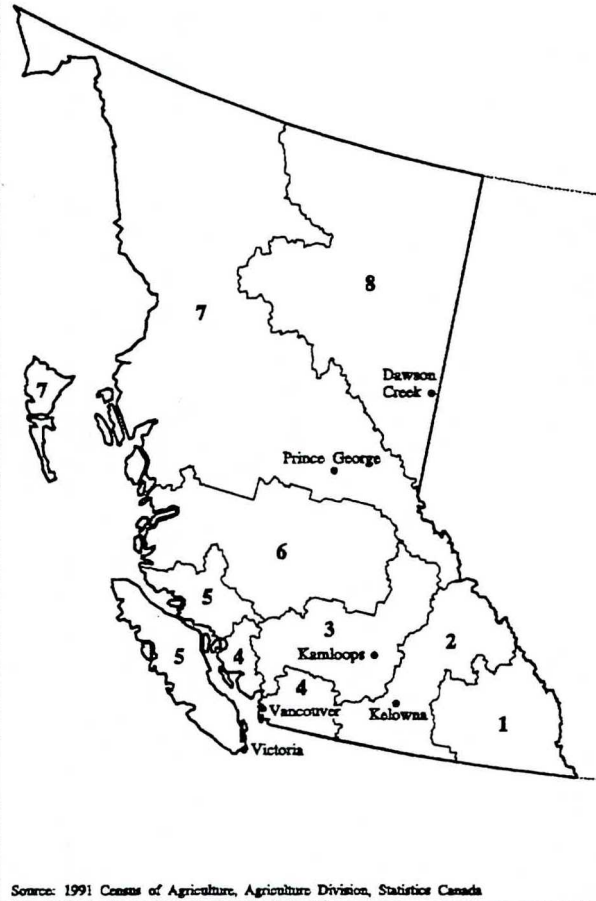
Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

Produced by SAGA, Agriculture Division, Statistics Canada

Alberta

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

BRITISH COLUMBIA
1991 Census Agricultural Regions



British Columbia

- 1 Kootenay Region
- 2 Okanagan Region
- 3 Thompson Region
- 4 Mainland Region
- 5 Island Region
- 6 Cariboo Region
- 7 Omineca Region
- 8 Peace Region

APPENDIX E

**NFS AND FFS SURVEY
QUESTIONNAIRES**



Farm Financial Survey, 1994

Interviewer No.

010									
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CONFIDENTIAL when completed
 Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.

Si vous préférez ce questionnaire en français, veuillez cocher

F.C.	005		1
P.	005		4
R.	005		2
N.C.	005		3

NOTE TO INTERVIEWER:
 If any information above is incorrect or missing, please make the necessary corrections in the boxes below. Indicate reason for changes on page 11.

Change of Operator	004		12
Out of Business	004		13

OFFICE USE ONLY	
004	
061	

Calendar year refers to the period **January 1 to December 31**, while **fiscal year** refers to any twelve month period which a business uses as its income tax year, for example, April 1 to March 31.

LATEST FISCAL YEAR END			
009			
	Day	Month	Year

NA 2			
	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)
NA 3			
	Partner's Name (if applicable)	-	Telephone
NA 4			
	Partner's Name (if applicable)	-	Telephone
CORP			
	Corporation Name (if applicable)		

Prairies and B.C. - Peace River Block				Ontario and Quebec			
HEADQUARTERS	Section	Township	Range	Meridian	Township	Lot No.	Concession

TO BE COMPLETED BY STATISTICS CANADA STAFF ONLY

A. OUT OF BUSINESS

1. Why is this farm out of business?

(Office use only)

2. When did this farm go out of business?

| | |
year month

3. Does the operator plan to resume operating this farm in the future?

YES 1 NO 2
↓
When? | | |
year month

B. CHANGE OF OPERATOR

1. Why has this farm changed operators? ("X" one circle)

- a) Sold 1
 - b) Rented/leased (period) _____ (year(s)) 2
 - c) Operator retired 3
 - d) Operator passed away 4
 - e) Other (please specify) _____ 5
- _____

2. When did this farm change operators?

| | |
year month

3. Is the current operator: ("X" one circle)

- a) Farming for the first time (a new operator) 1
- b) Already operating an existing farm 2
- c) Do not know 3

C. SR. INT./R.O. USE ONLY

DATE: _____

NAME: _____

Follow-up required? YES NO

↓
Action: _____

D. H.O. USE ONLY

DATE: _____

NAME: _____

Follow-up required? YES NO

↓
Action: _____

NOTE TO INTERVIEWER:

- Ensure all updates to label information are recorded in the boxes provided on the cover page of the questionnaire.
- If this operation went **out of business** or had a **change of operator** since **December 31, 1993**, complete this questionnaire.

SECTION A. CHARACTERISTICS OF THE OPERATOR/OPERATION

Section R	050		9
-----------	-----	--	---

• Report questions 1 to 4 as of **December 31, 1993.**

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

1. How many operators were responsible for this operation?

2. What was the age of:
a) The oldest operator

b) The youngest operator (*if only one operator enter age under oldest operator*)

3. How many years was this operation managed by the operator with the most experience on this farm?

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

• Report family and hobby farms in 4a) to 4c)

a) Proprietorship 056 3

b) Corporation 4

c) Partnership 5

d) Cooperative
• Include Hutterite Colonies 6

e) Other (*please specify*) _____ 7

5. How many families received income from this farm in **1993**?
• Exclude families of hired workers whether related or not

COMMENTS: _____

SECTION B. LAND USE

Section R	100		9
-----------	-----	--	---

• **Round** to the nearest whole number.

199

- 1 acres
- 2 hectares
- 3 arpents (Quebec only)

1. How will you report area of the land? ("X" one circle)

2. For the total and cultivated land area **operated** as of **December 31, 1993**, how much was:

Area of Total Land as of December 31, 1993	Area of Cultivated Land as of December 31, 1993
121	131
102	112

- a) Owned
 - **Exclude** land rented or leased to others
- b) Rented from others

3. How much land did this operation rent or lease **to** others as of **December 31, 1993**?

103

4. For the land **operated**, what was the area in **1993** for the following:

Area Operated in 1993
141
142
143
145
146
147
161
148
152
162
163
156
164

- **Report** area seeded for crop questions.
 - a) Wheat
 - **Include** winter wheat seeded in **1992** for harvest in **1993**
 - b) Oats
 - c) Barley
 - d) Flaxseed
 - e) Canola or rapeseed
 - f) Corn for grain
 - g) Corn for fodder
 - h) Soybeans
 - i) Potatoes
 - j) Fruits and vegetables
 - **Include** tree fruits
 - **Exclude** greenhouse products
 - k) Other crops, e.g. mixed grains, tobacco, sugar beets, etc.
 - l) Summerfallow
 - m) Tame Hay, Forage Seed

n) **Total Cultivated Land** (sum of 4 a) to 4 m))

[]

- o) All other land
 - **Include** improved and unimproved pasture, woodland, buildings, laneways, greenhouses etc.

159
195

TOTAL LAND OPERATED (sum of 4 n) and 4 o))

5. Were there any greenhouse products or mushrooms grown for sale on this operation in **1993**?

160

- YES 1
- NO 2

EDIT: 1. Do the figures in Boxes **121 + 102** equal the figure in Box **195**?

- YES (Go to Edit 2 below)
- NO (Verify information with respondent)

2. Do the figures in Boxes **131 + 112** equal the **Total Cultivated Land** figure (4 n) above)?

- YES (Go to Section C)
- NO (Verify information with respondent)

SECTION C. LIVESTOCK AND POULTRY

Section R	170		9
-----------	-----	--	---

1. Did this operation **OWN** any livestock or poultry on **December 31, 1993**?

170 YES 1

NO 2 (GO TO SECTION D)

2. How many of the following did this operation own on **December 31, 1993**?

PART I. CATTLE

- a) Bulls, 1 year and over
- b) Cows mainly for dairy
- c) Cows mainly for beef
- d) Heifers, 1 year and over
- e) Steers, 1 year and over
- f) Calves, under 1 year

Total Number on December 31, 1993
171
172
173
186
177
178

PART II. PIGS

- g) Boars, 6 months and over
- h) Sows for breeding and bred gilts
- i) All other pigs under 45 lbs (20 kg)
- j) All other pigs 45 lbs (20 kg) and over

185
179
180
181

PART III. SHEEP AND LAMBS

- k) Sheep and lambs

182

PART IV. POULTRY

- l) Layers
- m) Broilers
- n) Other poultry (*please specify*) _____

188
189
198

PART V. OTHER LIVESTOCK

- o) Other livestock (*please specify*) _____
- _____
- _____

184

COMMENTS: _____

SECTION D. CAPITAL INVESTMENTS

Section R	200		9
-----------	-----	--	---

- Exclude GST.
- Report to the nearest \$1,000.
- Report for the calendar year 1993.

1. During 1993, did this operation invest any money in capital items or improvements?

200 YES 1 NO 2 (GO TO SECTION E BELOW)

2. What was the amount of capital invested in 1993 for the following:

- a) Farm real estate purchased
- b) Land improvements: irrigation, orchard planting, draining, clearing of land
- c) House construction or major renovation
- d) Other building construction or renovation
- e) Breeding and replacement livestock intended to be on the farm for more than 1 year
- f) Quota purchased separately from other assets

Capital Investments in 1993	
201	000
202	000
203	000
204	000
205	000
206	000

- g) Farm machinery and equipment
 - Report gross expenditures before trade-in.
 - Specify using list of assets below.
- | | |
|---|---|
| 71 Cars used in the farm business | 77 Tractors of various types |
| 72 Trucks used in the farm business | 78 Cultivators, tillage and seeding equipment |
| 73 Other transportation equipment | 79 Hay mowers |
| 74 Processing equipment | 80 Harvesting and threshing machinery |
| 75 Computers and related equipment | 81 Balers |
| 76 Other office and communication equipment | 82 Other machinery and equipment |

Code	Type 1 = new 2 = used		
			000
			000
			000
			000
			000
			000

h) Other farm assets, e.g. stocks, bonds, shares, RRSP's. (please specify) _____ 217 000

SECTION E. CAPITAL SALES

Section R	230		9
-----------	-----	--	---

- Exclude GST.
- Report to the nearest \$1,000.
- Report for the calendar year 1993.

1. During 1993, did this operation receive any money from the sale of capital items?

230 YES 1 NO 2 (GO TO SECTION F)

2. What was the amount of capital sales in 1993 for:

- a) Land and buildings
- b) Machinery and equipment traded-in
- c) Machinery and equipment sold outright, i.e. excluding trade-ins
- d) Quota sold separately from other assets
- e) Breeding and replacement livestock
 - Exclude culls for slaughter

Capital Sales in 1993	
233	000
237	000
234	000
235	000
236	000

SECTION F. ASSETS

Section R	300		9
-----------	-----	--	---

1. What was the value of the following assets of this operation (including those of all operators) on **December 31, 1993?**

- **Report** at current market value.
- **Report** to the nearest **\$1,000**.

Value of Assets on December 31, 1993	
301	000

a) Farmland and buildings owned

- **Include** the farmhouse

310	000
-----	-----

b) Machinery and equipment

i) Cars used in the farm business

311	%
-----	---

ii) Of these cars, what is the share used for the farm business

312	000
-----	-----

iii) Trucks used in the farm business

313	%
-----	---

iv) Of these trucks, what is the share used for the farm business

314	000
-----	-----

v) All other machinery and equipment

304	000
-----	-----

c) Quota (market value, if not valued elsewhere)

302	000
-----	-----

d) Breeding and replacement livestock

- **Include** bulls, cows, heifers for replacement, boars, sows, bred gilts, rams, ewes, replacement lambs, goats for milk or hair

308	000
-----	-----

e) Market livestock

- **Include** heifers for slaughter or feeders, steers, calves, pigs excluding boars and sows, slaughter lambs, poultry, goats for meat, culls

305	000
-----	-----

f) Accounts receivable (receipts due)

306	000
-----	-----

g) Inputs (feed, supplies, fertilizer, fuel, seed, chemicals)

307	000
-----	-----

h) Crops for sale

- **Exclude** greenhouse or nursery products

309	000
-----	-----

i) Cash, bonds, savings, stocks, shares, R.R.S.P.'s

j) Other **farm** assets (*please specify assets on the lines below and record the total amount in Box 391*)

- **Include** horses, fur animals, bees.

391	000
-----	-----

SECTION G. LIABILITIES OUTSTANDING AND CAPITAL BORROWED

Section R	700		9
-----------	-----	--	---

● Report to the nearest \$1,000.

1. Did this operation owe any money on **December 31, 1993** or borrow any money in 1993?

● Report for farm assets only.

● Include money borrowed from family.

700 YES 1 NO 2 (GO TO SECTION H)

2. On **December 31, 1993** what was the amount of money you owed to:

- a) Farm Credit Corporation
- b) Other federal agencies (C.M.H.C., F.B.D.B., P.G.A.P.)
- c) Provincial government
- d) Chartered banks, trust companies, treasury branches
- e) Credit unions, caisses populaires
- f) Machinery and supply companies
- g) Private individuals
- h) Others

Liabilities on December 31, 1993			
Current (original repayment period is less than 12 months)		Long-term (original repayment period is 12 months or more)	
401	000	481	000
402	000	482	000
403	000	483	000
410	000	480	000
405	000	485	000
407	000	487	000
408	000	488	000
409	000	489	000
441	000		
Total current liabilities			

Capital Borrowed in 1993	
For long term loans, how much was borrowed in 1993? (repayment period is 12 months or more)	
581	000
582	000
583	000
580	000
585	000
587	000
588	000
589	000

3. Of the total amount owed, how much was outstanding under the Advance Payments for Crops Act or the Prairie Grain Advance Payments Act on **December 31, 1993**?

435	000
-----	-----

EDIT: Is the figure in Box 435 less than or equal to the figures in boxes 402 + 409?
 YES (Go to Question 4) NO (Verify information with respondent)

- 4. a) Of the money borrowed in 1993 and intended to be repaid within a year, what was the highest amount owed at any one period during the year?
- b) Of this amount (Box 501 above), what was the highest amount borrowed under the Advance Payments for Crops Act or the Prairie Grain Advance Payments Act in 1993?

Capital Borrowed in 1993	
501	000
535	000
540	000

5. Of **all** the money borrowed in 1993, what amount was used to refinance previous loans?

EDIT: Is the figure in Box 501 greater than or equal to the figure in Box 441?
 YES (Go to Section H) NO (Verify information with respondent)

SECTION H. RECEIPTS AND EXPENSES

Section R	600		9
-----------	-----	--	---

• Report to the nearest \$1,000.

1. Did this operation participate in GRIP in 1993? **630** YES 1 NO 2 (GO TO QUESTION 2)

- ↓
- a) How much were GRIP premiums in 1993?
- b) How much were GRIP gross payouts in 1993?

631	000
632	000

2. Did this operation participate in NISA in 1993? **633** YES 1 NO 2 (GO TO QUESTION 3)

- ↓
- a) How much were NISA contributions in 1993?
- b) How much were NISA withdrawals in 1993?

634	000
635	000

3. In 1993, what were the farm operating expenses before capital cost allowances (or depreciation)?

• Exclude the value of inventory adjustments

Expenses in 1993	
606	000

4. Of these farm operating expenses (Box 606 above) how much was for:

- a) Total interest paid on farm debt
- Exclude payments on the principal
- b) Wages and salaries paid to family members and operators

605	000
609	000

5. In 1993, what was the total gross farm receipts of this operation before expenses?

- Include receipts from capital sales of breeding and replacement livestock (Box 236 page 6, Section E), direct program payments, agricultural custom work.
- Exclude NISA withdrawals (Box 635 above), the value of inventory adjustments, the sale of land and buildings, and of machinery and equipment (Boxes 233 and 234, page 6, Section E)

Gross Farm Receipts in 1993	
601	000

6. Of the total gross farm receipts (Box 601 above), how much was from:

- a) Direct program payments
- Include GRIP gross payouts (Box 632 above), crop insurance, stabilization payments, rebates (e.g. fuel tax, property tax, GST), dairy subsidies, etc.
- Exclude NISA withdrawals (Box 635 above)
- b) Sales of grains and oilseeds
- c) Sales of horticulture products
- Include potatoes
- d) Sale of cattle
- e) Sale of pigs
- f) Sale of poultry
- Include eggs
- g) Sale of dairy products
- h) Other, i.e., horses, sheep, specialty crops, etc.

604	000
623	000
624	000
625	000
626	000
627	000
628	000
629	000

NOTE TO INTERVIEWER:
Determine Enterprise Code at this point in the interview.

Enterprise Code	008	
-----------------	-----	--

SECTION I. NON-FARM FINANCES

• Report to the nearest \$1,000.

Section R	800		9
-----------	-----	--	---

1. In 1993, what was the income of operators and family members from sources other than this operation:

- a) Wages and salaries (before deductions) from all sources
- b) Interest, dividends (actually received)
- c) Pensions
 - Include C.P.P., Q.P.P., old age security
- d) Other income not from this operation
 - Include non-agricultural custom work, non-farm business income (net of expenses but before taxes), family allowances, UIC (please specify)

Off-Farm Income in 1993	
617	000
618	000
619	000
622	000

2. In 1993, did any of the operators and/or family members operate a non-farm business, e.g., computer consulting, school bus operation, medical practice, etc.

850 YES 1
 NO 2 (GO TO QUESTION 5)

3. a) What was the value of this operation's non-farm business assets on December 31, 1993?

- Report at current market value.
- Include assets for all individuals who are principal operators.
- Exclude personal assets, e.g. furniture, etc. (please specify)

Non-Farm Business Assets on December 31, 1993	
350	000

NOTE TO INTERVIEWER: the value of stocks, bonds, shares and RRSP's should be reported in Box 309, page 7.

b) Of this amount (Box 350 above), what was the value of this operation's non-farm business assets purchased in 1993?

- Exclude personal assets. (please specify)

Non-Farm Business Investments in 1993	
250	000

NOTE TO INTERVIEWER: the purchase of stocks, bonds, shares and RRSP's should be reported in Box 217, page 6.

4. On December 31, 1993, how much did this operation owe on these non-farm business assets?

Non-Farm Liabilities on December 31, 1993	
450	000

5. What was the amount of capital gifted to, or inherited by, the operator(s) in 1993?

- Exclude grants

Gifts in 1993	
241	000

EDIT: Is one or more of the Non-Farm Finances reported above greater than zero?

800 YES 1
 NO 2

SECTION J. AGREEMENT TO SHARE INFORMATION

This survey is being conducted jointly on behalf of Statistics Canada and Agriculture and Agri-Food Canada. The information will be kept confidential and will be used only for statistical purposes. Names and addresses are not shared with Agriculture and Agri-Food Canada.

Do you agree to share this information with Agriculture and Agri-Food Canada?

900

YES 1

NO 2

NOTE TO INTERVIEWER:

Mark an "X" if any of the following conditions apply:

- a) There were no livestock or poultry on **December 31, 1993** because they were all sold prior to this date. 931 1
- b) There was no interest expense for **1993** because all loans were interest-free. 932 2
- c) Low receipts, compared with expenses, for **1993** were due to a poor crop. 933 3
- d) Low receipts, compared with expenses, for **1993** were due to the building up of this operation. 934 4
- e) Low receipts, compared with expenses, for **1993** were due to crops or livestock not being sold in **1993**, but will be sold in **1994**. 935 5

COMMENTS FROM INTERVIEWER/FARM OPERATOR:

NOTE TO INTERVIEWER:

Who provided the information in this questionnaire? ("X" one circle)

- a) Farm operator (**NA1**) 057 1
- b) Partner (**NA 3 or NA 4**) 2
- c) Spouse (if different from partner) 3
- d) Employee 4
- e) Other (please specify relation to **NA 1**) _____ 5

Office use only

RECORD OF TELEPHONE CALLS

Call No.	Date	Began	Ended	Time Elapsed (min.)	Comments
1					
2					
3					
4					
5					
6					
7					
No. of Calls	902	Total Elapsed Time (minutes)		903	

RECORD OF INTERVIEWS

Visit No.	Date	Began	Ended	Time Elapsed (min.)	Comments
1					
2					
3					
No. of Visits	904	Total Elapsed Time (minutes)		905	

Interviewer _____ Senior Interviewer _____



National Farm Survey, 1992

Crops and Livestock 21.1



CONFIDENTIAL when completed
 Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.
 Si vous préférez ce questionnaire en français, veuillez cocher

F.C.	005		1
P.	005		4
R.	005		2
N.C.	005		3

Change of Operator	004		12
Out of Business	004		13

NOTE TO INTERVIEWER:
 If any information above is incorrect or missing, please make any necessary corrections in the boxes below. Indicate reason for changes on page 12.

<i>Office use only</i>	
004	

061	
-----	--

NA 2		Farm Name (if applicable)	<table border="1" style="width: 100%; height: 20px;"> <tr><td></td><td></td><td></td></tr> </table> Area Code						
NA 1		Surname or Family Name	<table border="1" style="width: 100%; height: 20px;"> <tr><td></td><td></td><td style="text-align: center;">-</td><td></td><td></td></tr> </table> 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)							
NA 3		Partner's Name (if applicable)	<table border="1" style="width: 100%; height: 20px;"> <tr><td></td><td></td><td style="text-align: center;">-</td><td></td><td></td></tr> </table> Telephone			-			
		-							
NA 4		Partner's Name (if applicable)	<table border="1" style="width: 100%; height: 20px;"> <tr><td></td><td></td><td style="text-align: center;">-</td><td></td><td></td></tr> </table> Telephone			-			
		-							
CORP		Corporation Name (if applicable)							
Headquarters <i>(Prairies and B.C. - Peace River Block)</i>	<table border="1" style="width: 100%; height: 20px;"> <tr><td></td></tr> </table> Section		<table border="1" style="width: 100%; height: 20px;"> <tr><td></td></tr> </table> Township		<table border="1" style="width: 100%; height: 20px;"> <tr><td></td></tr> </table> Range		<i>(ONTARIO only)</i> <table border="1" style="width: 100%; height: 20px;"> <tr><td></td><td></td></tr> </table> Lot No. Concession		

SECTION B. AREA OF LAND OWNED, RENTED OR LEASED

This section deals with **ALL LAND OPERATED** this year.

- **Include** cropland, woodland, waste land, pasture land and summerfallow.
- **Exclude** community pastures, co-operative grazing associations or grazing reserves.

1. Will the land area figures in this questionnaire be reported in ((x) one box)

acres	199		1
or hectares	199		2
or arpents (Quebec only)	199		3

2. Of the total land area operated how much is:

a) Rented or leased from persons other than the government:

i) on a **cash rent** basis?

- **Include** land used even if no rent was paid

ii) on a **share rent** basis?

b) Leased from the **government**?

- **Include** lease, license and permit lands. If you share this land with other operators, report only your share
- **Include** A.U.M . (Animal Unit Month) land

c) Owned?

- **Exclude** land rented or leased to others

Total land operated at July 1, 1992
249
None <input type="checkbox"/>
247
None <input type="checkbox"/>
243
None <input type="checkbox"/>
244
None <input type="checkbox"/>
245

3. **Total land operated** (sum of questions 2(a) to 2(c))

Maritimes and B.C. (Non-Peace River Block): GO TO PAGE 4

4. Of the total land reported above (**Box 245**), what is the area of woodland?

- **Include** woodlots, Christmas trees, tree wind-breaks, cut-over land, etc.

246
None <input type="checkbox"/>

PRAIRIES AND B.C. (Peace River Block) : GO TO PAGE 5

**(MARITIMES, QUEBEC, ONTARIO AND B.C. (Non-Peace River Block))
SECTION C. LAND USE**

Section R	200		9
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1. Do you have any **crops** this year?
 • **Include** tame hay and improved pasture.

Yes

200		1
-----	--	---

No

200		2
-----	--	---

(GO TO QUESTION 13)

For the following crops, please indicate the area seeded in the fall of 1991 and the area remaining to harvest in 1992.

	SEEDED IN THE FALL OF 1991	REMAINING TO HARVEST IN 1992
2. Winter Wheat	106	206
3. Fall Rye	112	212

COMMENTS

For the following crops, please indicate the area seeded or to be seeded in 1992.

	AREA SEEDED OR TO BE SEEDED IN 1992
4. Spring wheat	203
5. Oats	208
6. Barley	209
7. Soybeans	228
8. Corn for grain	216
9. Corn for fodder and ensilage	217
10. Tame hay to be harvested for hay, silage or forage seed	220
11. Improved pasture	222

12. Do you have any other crops? Yes (enter crop areas below) No (GO TO QUESTION 13)

		COMMENTS
a) Dry White Beans	229	
b) Dry Coloured Beans	236	
c) Dry Field Peas	223	
d) Buckwheat	226	
e) Canola or rapeseed	215	
f) Flaxseed	214	
g) Mixed grains (two or more grains sown together)	213	
h) Fruits and vegetables	221	
i) Tobacco	227	
j) Potatoes	218	
k) Other, specify:	225	
Other, specify:		
Other, specify:		
Other, specify:		
13. Summerfallow	219	
14. TOTAL CULTIVATED LAND (sum of questions 2 to 13)	202	
15. OTHER LAND (woodland, unimproved pasture, wasteland, etc.)	241	
16. TOTAL AREA OF THE FARM (sum of questions 14 and 15)	201	

**(PRAIRIES AND B.C. (Peace River Block))
SECTION C. LAND USE**

Section R 200 9

1. Do you have any **crops** this year?
 • Include tame hay and improved pasture.

Yes 200 1

No 200 2
 (GO TO QUESTION 19)

For the following crops, please indicate the area seeded in the fall of 1991 and the area remaining to harvest in 1992.		SEEDED IN THE FALL OF 1991	REMAINING TO HARVEST IN 1992	COMMENTS
2.	Winter Wheat	106	206	
3.	Fall Rye	112	212	
For the following crops, please indicate the area seeded or to be seeded in 1992.		AREA SEEDED OR TO BE SEEDED IN 1992		
4.	Durum wheat		204	
5.	Spring wheat	a) hard red spring wheat	252	
		b) prairie spring (semi-dwarf) wheat	207	
		c) soft white spring wheat	233	
		d) other (utility, unlicensed varieties, etc.)	287	
6.	Oats		208	
7.	Barley		209	
8.	Spring rye		210	
9.	Flaxseed		214	
10.	Canola or rapeseed		215	
11.	Dry peas		223	
12.	Lentils		231	
13.	Mustard Seed	a) yellow	267	
		b) brown	268	
		c) oriental	269	
14.	Canary seed		234	
15.	Sunflower seed		230	
16.	Tame hay to be harvested for hay, silage or forage seed		220	
17.	Improved pasture		222	

18. Do you have any other crops? Yes (for each crop "X" the box and enter the code and area in the spaces provided) No (GO TO QUESTION 19)

- a) Dry white beans 229
- b) Dry coloured beans 236
- c) Fababeans 235
- d) Buckwheat 226
- e) Corn for grain 216
- f) Corn for fodder or silage 217
- g) Mixed grains (two or more grains sown together) 213
- h) Fruits and vegetables 221
- i) Potatoes 218
- j) Sugar beets 232
- k) Safflower 239
- l) Triticale 248
- m) Other 225 (specify _____)

(Code)	(Area in 1992)

COMMENTS

19. SUMMERFALLOW	219
20. TOTAL CULTIVATED LAND (sum of questions 2 to 19)	202
21. OTHER LAND (woodland, wild hay, unimproved pasture, wasteland, etc.)	241
22. TOTAL AREA OF THE FARM (sum of questions 20 and 21)	201

SECTION D. CATTLE AND CALVES

Section R	400		9
-----------	-----	--	---

1. At July 1, 1992, do you have cattle or calves on the land you operate?

- **Include** - all animals on this farming operation, regardless of ownership.
 - all animals **OWNED BY YOU** but pastured on a community pasture or public land.
- **Exclude** animals **OWNED BY YOU** but kept on a farm, ranch or feedlot operated by someone else.

Yes

400		1
-----	--	---

No

400		2
-----	--	---

(GO TO SECTION E)

INVENTORY AT JULY 1, 1992

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

Total Number at July 1, 1992	
403	

None

3. **COWS** mainly for **dairy**

404

None

4. **COWS** mainly for **beef**

405

None

5. **HEIFERS**, 1 year and over

a) **DAIRY** herd replacement

406

None

b) **BEEF** herd replacement

407

None

c) **SLAUGHTER** or **FEEDERS**

408

None

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

409

None

7. **CALVES**, under 1 year

410

None

8. **TOTAL CATTLE AND CALVES:** (sum of questions 2 to 7)

419

Number Milked

9. How many cows did you milk **YESTERDAY**?

419

None

PART II. CALVINGS

The questions below refer to six month periods

10. **SPRING CALVINGS** (calves born alive between **January 1, 1992** and **June 30, 1992**)

Total Number	
421	

421

None

11. **EXPECTED FALL CALVINGS** (cows and heifers expected to calve from **July 1, 1992** to **December 31, 1992**)

424

None

SECTION E. PIGS

Section R	600		9
-----------	-----	--	---

1. At July 1, 1992, do you have pigs on the land you operate?
- Include all pigs on this farming operation regardless of ownership.
 - Exclude all pigs **OWNED BY YOU** but kept on a farm operated by someone else.

Yes

600		1
-----	--	---

No

600		2
-----	--	---

(GO TO SECTION F)

PART I. INVENTORY AT JULY 1, 1992

2. **BOARS**, 6 months and over
3. **SOWS** for breeding and bred gilts
4. **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)
5. **TOTAL PIGS:** (sum of questions 2 to 4)

Total Number at July 1, 1992
605
None <input type="checkbox"/>
606
None <input type="checkbox"/>
607
None <input type="checkbox"/>
608
None <input type="checkbox"/>
609
None <input type="checkbox"/>
610

PART II. FARROWINGS

The questions below refer to three month periods

6. How many sows and gilts farrowed during **April, May and June, 1992?** (If none, go to question 9 below)
7. How many pigs were born alive during **April, May and June, 1992?**
8. How many pigs died or were destroyed **before weaning** during **April, May and June, 1992?**
9. How many sows and gilts are expected to farrow during **July, August and September, 1992?**
10. How many sows and gilts are expected to farrow during **October, November and December, 1992?**

Total Number
634
None <input type="checkbox"/>
635
None <input type="checkbox"/>
636
None <input type="checkbox"/>
638
None <input type="checkbox"/>
639
None <input type="checkbox"/>

COMMENTS:

SECTION G. POULTRY OR OTHER LIVESTOCK

Section R	320		9
-----------	-----	--	---

1. At **July 1, 1992**, do you have **POULTRY** or **OTHER LIVESTOCK**, for example, horses, goats, rabbits or beehives on the land you operate?

- **Include** - all livestock and poultry on this farming operation regardless of ownership.
 - all livestock **OWNED BY YOU** but pastured on a community pasture or public land.
- **Exclude** - livestock and poultry **OWNED BY YOU** but kept on a farm operated by someone else.
 - family pets.

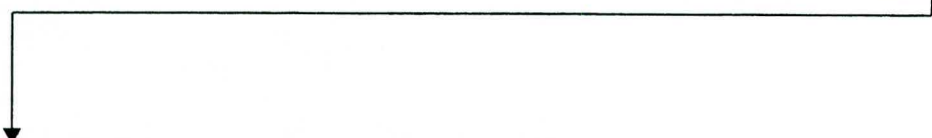
Yes

320		1
-----	--	---

No

320		2
-----	--	---

(GO TO SECTION H)



PART I. POULTRY ON YOUR FARM AT JULY 1, 1992.

Total number at July 1, 1992
323
None <input type="checkbox"/>

2. **HENS** and **PULLETS**, 20 weeks of age and over, kept for laying

3. **OTHER POULTRY**, for example, chicken broilers, turkeys, ducks, pullets **under 20 weeks** of age, etc.

PLEASE SPECIFY	Total number at July 1, 1992

TOTAL OTHER POULTRY (QUESTION 3)
325
None <input type="checkbox"/>

PART II. OTHER LIVESTOCK ON YOUR FARM AT JULY 1, 1992.

4. Please list any **OTHER LIVESTOCK**, for example, horses, goats, rabbits, beehives, etc.

PLEASE SPECIFY	Total number at July 1, 1992

TOTAL OTHER LIVESTOCK (QUESTION 4)
335
None <input type="checkbox"/>

COMMENTS:

SECTION H. TOTAL RECEIPTS OF THIS FARMING OPERATION

Section R	900		9
-----------	-----	--	---

1. What were the total (**gross**) farm receipts (**before deducting expenses**) of this farming operation in **1991**?

Total (Gross) Receipts in 1991	
Dollars	Cents
901	
None <input type="checkbox"/>	.00

DO **NOT** REPORT NET INCOME

- **Include**
 - receipts from all agricultural products sold.
 - Marketing Board payments received.
 - program and rebate payments received.
 - dividends received from co-operatives.
 - custom work and all other farm receipts.

- **Exclude**
 - receipts from sale of capital items, for example, land, buildings or machinery.
 - receipts from the sale of any goods bought only for retail sales.

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- 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. Under Section 12 of the Statistics Act you may refuse to share your information. Do you agree to share this information?

Yes

051		1
-----	--	---

No

051		2
-----	--	---

QUEBEC ONLY: To avoid duplication of enquiry this survey is conducted under a co-operative agreement with the Quebec Bureau of Statistics pursuant to Section 11 of the Statistics Act. The Quebec Statistics Act includes the same provisions for confidentiality and penalties for disclosure of information as the Federal Statistics Act.

SECTION J. TO BE COMPLETED BY STATISTICS CANADA STAFF ONLY

A. CHANGE OF OPERATOR; R; NC -- EXPLANATION

B. OUT OF BUSINESS

1. Why is this farm out of business?

(Office use only)

030		
-----	--	--

2. Does the operator plan to resume operating this farm in the future?

Yes

031		1
-----	--	---

 No

When?

032					
-----	--	--	--	--	--

year month

C. CHANGE OF OPERATOR

1. Why has this farm changed operators? (*X one only*)

- a) sold

033		1
-----	--	---
- b) rented/leased (period) _____ (year(s))

033		2
-----	--	---
- c) farm operator retired

033		3
-----	--	---
- d) farm operator passed away

033		4
-----	--	---
- e) other (*please specify*) _____

033		5
-----	--	---

2. Is the current operator:

- a) farming for the first time (a new operator)

034		1
-----	--	---
- b) already operating an existing farm

034		2
-----	--	---
- c) don't know

034		3
-----	--	---

D. SR. INT. /R.O. USE ONLY

NAME: _____ DATE: _____

Follow-up required? Yes No

Action: _____

E. H.O. USE ONLY

NAME: _____ DATE: _____

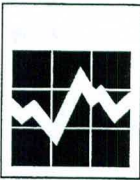
Follow-up required? Yes No

Action: _____

INTERVIEWERS NOTE:

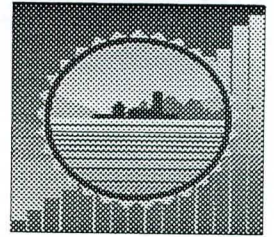
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