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# People, Products and Services

Agriculture Division, 2001



# Agriculture



Statistics  
Canada

Statistique  
Canada

Canada



Statistics Canada  
Agriculture Division, 2001

# People, Products and Services

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Most of the products and services listed in this catalogue are also available through these Regional Reference Centres. Plus, a consultation service and reference copies of Statistics Canada's publications are available at the Regional Reference Libraries located at these centres.

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## INTRODUCTION

This catalogue is your guide to the products and services of Statistics Canada's Agriculture Division. In it, you will find:

- the names and telephone numbers of key people who can answer your questions about agriculture and food data
- information on a wide range of published and unpublished, custom and electronic data products and services related to agriculture and food
- essential release dates and pricing information
- information on how to order the Agriculture Division products.

## WHAT CAN WE OFFER YOU?

Data from Statistics Canada's Agriculture Division are available in a variety of formats, including:

- publications
- customized printouts
- electronic (diskettes, CD-ROM, e-mail)
- CANSIM (Statistics Canada's corporate computerized database).

These data products and services can be obtained by telephone, facsimile or through the Statistics Canada Internet site (<http://www.statcan.ca>).

Our information on the agriculture industry can help you:

- monitor the financial performance of farms
- analyze commodity markets
- assess food consumption patterns
- analyze food production
- determine agriculture industry structure
- analyze farm and rural population trends
- examine characteristics of the farm population
- monitor crop growth and help predict yields.

## WHO ARE WE?

The **Client Services and Marketing Unit** will guide you through the Agriculture Statistical Program and will help you with your data needs, whether they are customized or semi-customized services.

The **Census of Agriculture Section** provides detailed information on the structure of the farm sector and the geographic location of agricultural production. It also provides the basis for most agriculture surveys and data series.

The date for the release of all farm variables from the 1996 Census of Agriculture was May 14, 1997. Farm operator data were released on December 15, 1997. Data from the 1996 Census of Agriculture-Population Linkage Database were released on April 26, 1999.

The **Farm Income and Prices Section** produces estimates of farm cash receipts by item, farm expenses by item, depreciation, farm product price index, net farm income, assets and liabilities.

The **Whole Farm Data Projects Section** provides a complete set of physical and financial data at the farm level. These data include detailed revenues and expenses, operator and family off-farm income, crop acreages, livestock numbers, capital investment and sales, assets and liabilities by size and type of farm for subprovincial regions.

The **Crops Section** produces estimates of field crops, horticultural crops and grain marketing statistics.

The **Livestock and Animal Products Section** produces data on livestock, dairy, poultry and eggs, furs, aquaculture, and other animal products as well as data on food consumption in Canada.

**Spatial Analysis and Geomatics Applications** provides information to clients on crop conditions, crop area, land-use change and related agriculture and environmental applications by analyzing satellite and spatial data and conducting research and development.

The **Research and Rural Data Section** produces analytical papers related to Canadian rural and small town issues.

The **Analysis Unit** produces analytical papers on the Canadian agri-food sector, including related environmental and health issues.

The **Informatics Section** provides internal computer services.

The Agriculture Division has developed a number of products which are suitable for the classroom setting and can be used in a variety of subject areas including social studies, geography, science and history. They combine data, graphics and visuals to give students an interesting perspective on Canadian agriculture. Look for the symbols below to identify educational products or Internet products.



Educational Product Symbol



Internet Product Symbol

For more information on classroom products call us toll-free at 1 800 465-1991 or contact the Statistics Canada Regional Reference Centre nearest you.

**We invite you to call us toll-free at 1 800 465-1991  
if you have any questions concerning agriculture data.**

**WE LOOK FORWARD TO SERVING YOU!**

## WHO TO CONTACT

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**Input-Output Tables** Ronald Rioux (613) 951-3697

**Gross Domestic Product** André Picard (613) 951-3658

## SPECIAL SERVICES

**S**tatistics Canada's Agriculture Division provides many of its clients with special services tailor-made to meet their unique data requirements. Agriculture Division has a variety of information sources at its fingertips that can be used to provide you with the data you need to make important decisions as an agri-business specialist.

### **CUSTOM TABULATIONS**

Agriculture Division can provide you with customized tables and reports that give you the data you require. You can pick and choose the variables from one or more of our databases and receive them in a format that best suits your needs.

### **ANALYTICAL STUDIES**

Require in-depth analysis of the data that affect your industry or market? Agriculture Division's specialized team of professionals has the hands-on experience in data analysis you want working for you.

### **CUSTOM SURVEYS**

Should you require data that has not yet been collected, we can do a special survey for you. These data can also be combined with other Statistics Canada surveys and custom data extractions from CANSIM.

For more information on Special Services please contact:

Zoltan Somogyi (613) 951-8718

or

Ray Bollman (613) 951-3747

***Statistics Canada has the know-how and  
expertise to get the job done!***

# CENSUS OF AGRICULTURE

**S**tatistics Canada conducts the Census of Agriculture every five years in conjunction with the Census of Population. The Census of Agriculture provides detailed information on the structure of the farm sector and the geographic location of agricultural production. It also provides the basis for most agriculture surveys and data series.

The 1996 Census of Agriculture provides data on the number of farms, crop areas, livestock counts, expenses, receipts, land use, machinery and equipment inventories and capital purchases. It also provides data on the number of farm operators, their age and sex, type of work done and the operation of non-agricultural businesses.

When these data are combined with data from the Census of Population, the result is the Agriculture-Population Linkage Database. This unique base paints a socio-economic portrait not only of farm operators but of their spouses, children, families and households.

The next Census of Agriculture will take place on May 15, 2001. Data from the 2001 Census of Agriculture will begin to be available May 2002. Watch next year's People, Products and Services for more details. Products and services from the 1996 Census of Agriculture are still available.

## CUSTOM SERVICES

### Gain unique insight and a competitive advantage

Order custom data, formats and products—according to *your* specifications—from the 1996 Census of Agriculture, 1996 Census of Agriculture-Population Linkage Database and historical databases. Tabulations are subject to confidentiality constraints and are structured on a cost-recovery basis.

**Custom Tabulations** – lets you perform a multitude of functions including creating personalized tables, producing special cross-references, and establishing your own distribution classes. They are available by standard geographic areas and user-defined areas. Customized data are available for census years 1966 to 1996. (Agriculture-Population Linkage Databases were not created for 1966 and 1976.)

**Custom mapping** – lets you present and analyze Census of Agriculture data spatially. Together with the Spatial Analysis and Geomatics Applications Group, custom maps can be produced on a cost-recovery basis. For more information on SAGA's products and services, please see page 24.

Prices and delivery depend on the complexity of each request.

For more information please contact:

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1 800 465-1991  
(613) 951-2889  
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**Semi-Custom Data Service** – Semi-custom products created from standard tabulations are available for users who are only interested in specific variables or certain standard geographic areas. Various formats are available including paper or electronic (diskette, CD-ROM, e-mail). Retrieval software can be included with the CD-ROM product.

- Released May 14, 1997
- Provincial/Regional prices:  
Newfoundland, Prince Edward Island, Nova Scotia and New Brunswick: \$150;  
Atlantic Provinces: \$400;  
Quebec, Ontario, Saskatchewan: \$750;  
Manitoba, Alberta and British Columbia: \$250;  
Prairie Provinces: \$1,000

## DATA AND ANALYTICAL PRODUCTS

### 1996 Census of Agriculture National and Provincial Highlights Tables (93F0033XIE)



A one-page table for Canada and a one-page table for each of the provinces provide 1991 and 1996 comparisons for some key variables. They include data on the number of Census farms, land use, five major crops, land management, livestock and poultry, receipts and expenses and capital and debt.

- Released May 14, 1997
- Available free on the Internet

### 1996 Census of Agriculture Farm Operator National and Provincial Highlights Tables (93F0035XIE)



Tables for Canada and each province present key variables and where possible comparisons to the 1991 Census of Agriculture. The key variables include summary data on age, sex, residence status, average weekly farm work hours, average weekly non-farm work hours, operation of non-agricultural businesses and injuries.

- Released December 15, 1997
- Available free on the Internet

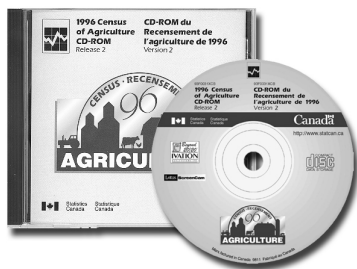
### National and Provincial Highlights from the 1996 Census of Agriculture-Population Linkage Base (93F0038XIE)



The three tables for Canada and each province present key variables from the 1996 Census of Agriculture-Population Linkage Base and where possible, comparisons to 1991 data. The key variables include summary data on age, marital status, mother tongue, highest level of schooling, income profiles for Census farm families and farm population counts.

- Released April 26, 1999
- Available free on the Internet

## 1996 Census of Agriculture CD-ROM (93F0031XCB)



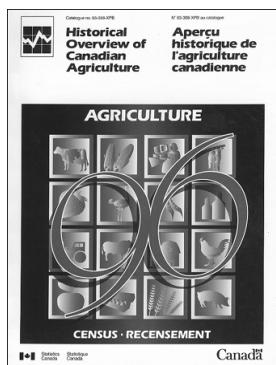
Data from the 1996 Census of Agriculture, selected data from the 1996 Agriculture-Population Linkage Database and historical databases are available for the **first time** on CD-ROM. This product contains all farm and selected operator variables from the 1996 Census of Agriculture at the national, provincial, Census Agricultural Region, Census Division and Census Consolidated Subdivision levels. Data for all farm operator characteristics at the national and provincial levels and selected farm data for the Yukon and Northwest Territories are also included.

Selected data from the 1996 Agriculture-Population Linkage Database such as marital status, mother tongue, highest level of schooling, income and other socio-economic characteristics of farm operators and farm families are also available on this CD-ROM. This product also contains historical farm population counts as well as other selected historical data from previous Censuses of Agriculture and Agriculture-Population Linkage databases at the national and provincial levels.

Additional features of this product include data highlights, reference material for understanding the data and three issues of *The Daily* which provide analysis, graphs and summaries for the three major releases from the 1996 Census of Agriculture.

- Released April 26, 1999
- Price: \$2,500
- For subsets of this product refer to Semi-Custom Data Service, see page 8.

## Historical Overview of Canadian Agriculture (93-358-XPB)



This publication is an updated and expanded version of the very popular historical publication introduced in 1991. It presents basic counts, totals, percentage changes and percent distributions for an expanded set of variables at the Canada and provincial levels for the 1976, 1981, 1986, 1991 and 1996 Censuses of Agriculture. Two new sections have been added for 1996: the first presents 75 years of Census of Agriculture data (1921 to 1996) for selected variables and the second highlights the change between 1991 and 1996 in the series of land management practices, variable introduced in 1991.

- Released August 1997
- Price: \$49

## Agricultural Profiles

These eight data publications (Canada, Atlantic provinces and the remaining six other provinces) provide the basic counts and totals for all 1996 Census of Agriculture farm variables.

The Canada publication presents a group of area profile tables at the Canada and province levels and two additional tables which present selected variables cross-classified by gross farm receipts and farm type at the Canada level. Also included are selected data for the Yukon and Northwest Territories.

The seven remaining publications present area profile tables for all farm variables at the province, Census Agricultural Region and Census Division levels. Three additional tables include: a small area table with selected variables tabulated at the Census Division and Census Consolidated Subdivision levels and two cross-classified tables at the province level.

Each publication contains reference maps that identify the location of all geographic areas tabulated.

- Released August 1997
- Price for each publication: \$39
- For individual catalogue numbers, see page 40

### **Profile of Canadian Farm Operators (93-359-XPB)**

This new publication presents Canada and province level data on farm operator characteristics from the 1996 Census of Agriculture questionnaire (e.g. types of work done, operation of non-agricultural businesses, farm related injuries) and selected agricultural variables (e.g. farm type, gross farm receipts) cross-classified by the number of operators per farm as well as the age and sex of farm operators. Historical comparison tables displaying the changes that occurred between the 1991 and 1996 Censuses of Agriculture are also included.

- Released December 1997
- Price: \$39

### **Canadian Agriculture at a Glance (96-325-XPB)**



This all-new edition is an update of the very successful 1991 publication. Building on the inviting and readable presentation format introduced in 1991, it includes over 40 short analytical articles with complementary maps and graphics. This new edition also features articles presenting agriculture-related data on transportation, food consumption and domestic and international markets which provide a more complete picture of Canada's agri-food industry.



A Teacher's Kit for *Canadian Agriculture at a Glance* is available free of charge on the Statistics Canada Web site at [www.statcan.ca](http://www.statcan.ca).

- Released December 1999
- Price: \$49
- 30% discount to educational institutions

# FARM FINANCIAL STATISTICS

The Agriculture Division produces a variety of statistics on the financial viability of Canadian farms. Data on farm expenses, receipts, prices, assets and liabilities are available as standard and custom products.

## FARM INCOME AND PRICES

The Farm Income and Prices Section integrates a wide variety of physical and financial data from a range of internal and external government and private sources to produce financial accounts for the agriculture sector for use in the System of National Accounts and for many other users. The following annual estimates are published at the provincial level:

- net farm income
- farm cash receipts by commodity
- farm operating expenses by item and depreciation charges
- direct program payments by program
- value of farm capital by major component
- farm debt outstanding by type of lender
- farm product price index
- farm business cash flow statement
- the production (value added) account
- balance sheets of the agricultural sector

Estimates on farm cash receipts, by commodity, and direct program payments, by program, are also published on a quarterly basis at the provincial level.

## WHOLE FARM DATA BASE

### 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 to meet the increasing demands by users of agricultural statistics for more disaggregated data at the whole 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

Regrouping 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. The ultimate objective of this base is to provide a set of data at the whole farm level, that is as complete as possible to produce disaggregated statistics by farm type, revenue class and subprovincial geographic regions.



## **Whole Farm Data Base Structure**

There are five major data sources currently offered on the WFDB: the **Taxation Data Program (TDP)** 1987-present, the **National Farm Survey (NFS)** 1988-1992, the **June Crops Survey (JCS)** 1993-present, the **July Livestock Survey (JLS)** 1993-present, and the **Farm Financial Survey (FFS)** every two years since 1988.

## **CUSTOM SERVICES**

The Whole Farm Data Base (WFDB) provides custom tabulations of physical and financial farm data at the whole farm level. This allows one to obtain detailed farm revenue and expenditure data, sources and level of off-farm income for farm operators and farm families, assets, liabilities and capital investment data, and estimates on land use and livestock inventories - based on specialized needs. All these variables can be disaggregated by farm type, revenue class and subprovincial area. 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 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. Interested clients are encouraged to refer to the **WFDB - Reference Manual (Statistics Canada catalogue no. 21F0005GPE), available free of charge**. Data are available in most required formats (paper or electronic (21C0005GIE): diskette/E-Mail in ASCII, CSV, Lotus file, etc.)

### **Sources:**

#### **Taxation Data Program (TDP)**

Data are derived annually from a sample of incorporated and unincorporated taxation returns from Canada Customs and Revenue Agency. Data are available for itemized revenues, expenses, and acquisitions and dispositions of depreciable assets. Also available are sources and levels of farm and off-farm income for operators and unincorporated farm families. Available by subprovincial region, farm type and revenue class. Historical data are available back to 1987.

#### **June Crop Survey (JCS)**

Estimates from an annual survey of farmers include detailed cropland acreages. Available by subprovincial region, farm type and revenue class starting in 1993.

#### **July Livestock Survey (JLS)**

Estimates from an annual survey of farmers include detailed livestock inventories. Available by subprovincial region, farm type and revenue class starting in 1993.

#### **National Farm Survey (NFS)**

Estimates from an annual survey of farmers include detailed cropland acreages and livestock inventories. Available by subprovincial region, farm type and revenue class from 1988 to 1992.

## Farm Financial Survey (FFS)

Estimates from a biennial survey of farmers include detailed balance sheet information, capital investment and capital sales. Available by subprovincial region, farm type and revenue class starting in 1987.

Custom Services are subject to confidentiality constraints and are structured on a cost-recovery basis. Call toll-free 1 800 465-1991 for more information about Custom Services from the Agriculture Division.

## DATA PRODUCTS



### Extraction System of Agricultural Statistics (ESAS) (21F0001XCB)

**ESAS** is a menu-driven software program available to users in a **CD-ROM** format. Using the WFDB as its source, ESAS allows you to access an extensive series of tables featuring the most commonly requested disaggregated physical and financial farm data. 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. A user's guide and reference manual are included in the CD-ROM.

- Subject Matter Contact: Linda Brazeau (613) 951-5027
- Release date: June 2001
- Price: \$625 - initial subscription; \$295 - annual updates
- CD-ROM LAN prices are available upon request

### ESAS Semi-Custom Service

The ESAS semi-custom service<sup>1</sup> was created for users who are interested in specific data sets found on ESAS. Users wanting one data source such as tax for only one province can now purchase these data sets with the ESAS retrieval software on CD-ROM. The ESAS semi-custom service data set combinations are as follows:

- Subject Matter Contact: Linda Brazeau (613) 951-5027
- One province and one data source<sup>2</sup>. Price: \$125
- One province and all data sources. Price: \$199
- A combination of regional provinces<sup>3</sup> and one data source. Price: \$175
- A combination of regional provinces<sup>3</sup> and all data sources. Price: \$249
- All provinces, Canada and one data source. Price: \$249

<sup>1</sup> All ESAS semi-custom services include all reference years, data by region, type of farm and sales class.

<sup>2</sup> Data sources are FFS, NFS, JCS, JLS or TDP.

<sup>3</sup> Regional provinces are Atlantic, Central and West.

### **Whole Farm Data Base (WFDB) — Reference Manual (21F0005GPE)**



The **WFDB - Reference Manual** is your guide to the farm financial database. Users will find background information on the WFDB; recommended output formats; data quality; confidentiality; list of variables; products and services; methodology, etc.

- Subject Matter Contact: Linda Brazeau (613) 951-5027
- Available free on the Internet (21F0005GIE)



### **Economic Overview of Farm Incomes – Bulletin Series (21-005-XIE)**

This series of bulletins entitled *Economic Overview of Farm Incomes*, produced jointly by Agriculture and Agri-Food Canada and Statistics Canada, presents readers with farm financial information and analysis based on data from the Taxation Data Program and other agricultural surveys.

The bulletins provide analysis of such key variables as revenues, expenses and net operating income by revenue class and by province, as well as information on the concentration of production and the degree of specialization for selected farm types. Data on the physical characteristics of farms, such as crop areas and livestock inventory numbers are also included. The first bulletin of this series provides an overview of all farms.

- Subject Matter Contact: Lina Di Piéto (613) 951-3171
- Available free on the Internet



### **Farm Financial Survey (FFS) (21F0008XIB)**

This electronic publication available free of charge on the Internet provides detailed regional statistics on the financial structure of Canadian farms. The publication includes balance sheet (assets and liabilities) of farms by region, financial structure by farm type and revenue class, and capital investment and capital sales by region. In addition to presenting highlights from 1999 it also contains historical data.

- Subject Matter Contact: Phillip Stevens (613) 951-2435
- Released December 15, 2000
- Available free on the Internet



### **Understanding Measurements of Farm Income (21-525-XPB)**

This bulletin has been prepared jointly by the Farm Income and Prices Section and Agriculture and Agri-Food Canada. This document describes the different measures of farm income produced by Statistics Canada, the methods by which the measures are constructed, and the uses for which they were designed.

- Subject Matter Contact: Paul Murray (613) 951-0065
- Available free on the Internet

## Farm Product Price Index (21-007-XIB)



This monthly publication presents indexes of the average price received by farmers from the sale of agricultural products. A variety of monthly and annual indexes of total crops, total livestock and overall prices are included for the provinces and Canada. Also sub-indexes for grains, oilseeds, specialty crops, fruit, vegetables, cattle and calves, hogs, poultry, eggs and dairy are included at the Canada level only. This publication also includes data highlights and information on concepts and methods, and data quality.

- Subject Matter Contact: Gail-Ann Breese (204) 983-3445
- Release date: Spring 2001
- Available free on the Internet

## Farm Cash Receipts (21-001-XIB)



This publication contains farm cash receipt estimates for individual crop and livestock receipts and direct program payments. Cumulative quarterly data for the current and previous year are published by province and at the national level. The publication also includes some analysis and explanatory notes on concepts and methods.

- Subject Matter Contact: Kimberley Boyuk (613) 951-2510
- Release dates: February 22, May 28, August 27, November 26, 2001 and February 25, 2002
- Annual Subscription: \$48
- Per Issue: \$15
- Available by fax, see page 16
- Available on the Internet

## Agriculture Economic Statistics Binder - (21-603-XPE)

### Updates - (21-603-UPE)

This publication presents annual estimates for each of the variables during the period indicated below. It also includes data highlights for the most recent release, concepts and methods and impact of intercensal revisions.



|  |                |
|--|----------------|
| Net farm income                                  | (1926 to date) |
| Farm cash receipts                               | (1926 to date) |
| Farm operating expenses and depreciation charges | (1926 to date) |
| Index of farm production                         | (1935 to 1985) |
| Current value of farm capital                    | (1926 to date) |
| Value per acre of farm land and buildings        | (1921 to date) |
| Farm debt outstanding                            | (1971 to date) |
| Farm cash flow statement                         | (1981 to 1994) |
| Farm wage rates                                  | (1992 to 1997) |
| Production account                               | (1981 to date) |
| Balance sheet of the agriculture sector          | (1980 to date) |
| Farm product price index                         | (1950 to date) |
| Direct payments to producers                     | (1971 to date) |
| Value added account - aquaculture industry       | (1997 to date) |

Notes on the concepts and methods plus a listing of CANSIM databank numbers are included. Updates to the Agriculture Economic Statistics binder are released twice a year. The June update carries the first release of estimates for the previous calendar year and revisions to the previous year are made if required. In January, revisions to the last 3 published calendar years are made as required.

- Subject Matter Contacts: Kimberley Boyuk (613) 951-2510 or Bernie Rosien (613) 951-2441
- Release of updates: January 12, July 17, 2001 and January 9, 2002
- Base Binder: \$80
- Binder Updates: Annual Subscription: \$52
- Binder Updates: Per Issue: \$26

## **FAX SERVICES**

### **Farm Cash Receipts Fax Service (21-001-XFB)**

The data on farm cash receipts from publication **Farm Cash Receipts (21-001-XIB)** are available by FAX quarterly. In addition, selected data on farm cash receipts, expenses and net farm income from publication **Agriculture Economic Statistics (21-603-UPE)** are available semi-annually by FAX.

### **Farm Cash Receipts (21-001-XFB)**

- Subject Matter Contact: Kimberley Boyuk (613) 951-2510
- Price: \$90

### **Agricultural Economic Statistics Fax Service (21-603-UFE)**

#### **Part A - Annual Farm Income, Receipts, Expenses, Direct Payments**

- Subject Matter Contacts: Kimberley Boyuk (613) 951-2510 or Bernie Rosien (613) 951-2441
- Price: \$115

#### **Part B - Annual Farm Debt and Capital values**

- Subject Matter Contact: Bernie Rosien (613) 951-2441
- Price: \$100

# CROPS STATISTICS

The statistical program surrounding the production of crops comprises several surveys of farm operators to estimate the production of field crops, vegetables, fruits, greenhouse and nursery products and honey and maple products. Complete supply-disposition analyses of the major field crops are also available.

## DATA PRODUCTS



### Field Crop Reporting Series (22-002-XIB)

The eight publications in this series are released throughout the crop year detailing farm stocks of grain, crop area, yield and production. Stock reports detail the farm-held stocks at the provincial level and farm-held plus commercial stocks at the Canada level for major Canadian grains. The first area report contains the planting intentions of producers while the June estimates are made after most of the seeding has been completed. Yields and levels of production by province are estimated twice, based on expectations to the end of harvest, while the November estimate is released after the harvest. Note: An initial release normally published in *The Daily* is also available in fax format.

- Subject Matter Contact: David Burroughs (613) 951-5138
  - Release dates: Report No. 1, January 31; Report No. 2, April 24; Report No. 3, May 8; Report No. 4, June 29; Report No. 5, August 28; Report No. 6, September 13; Report No. 7, October 5; and Report No. 8, December 5, 2001
  - Available in print (22-002-XPB): Annual Subscription: \$88; Per Issue: \$15
  - Available on the Internet: Annual Subscription: \$66; Per Issue: \$11
  - Available by fax, see page 21.
- **Report No. 1, January 31: Stocks of Canadian Grain at December 31, 2000**  
Estimated farm stocks at the provincial level and commercial stocks at the national level for the 8 major Canadian grains and oilseeds: wheat, oats, barley, rye, flaxseed, canola, corn, and soybeans.
  - **Report No. 2, April 24: March Intentions of Principal Field Crop Areas, Canada, 2001**  
The planting intentions of producers for Canadian field crops area at both the national and provincial level. (Wheat, oats, barley, rye, mixed grains, flaxseed, buckwheat, canola, corn, dry peas, soybeans, beans, lentils, mustard seed and sunflower seed.)
  - **Report No. 3, May 8: Stocks of Canadian Grain at March 31, 2001**  
Estimated farm stocks at the provincial level and commercial stocks at the national level for the 8 major Canadian grains and oilseeds: wheat, oats, barley, rye, flaxseed, canola, corn, and soybeans.
  - **Report No. 4, June 29: Preliminary Estimates of Principal Field Crop Areas, Canada**  
The post-seeding estimate of area for Canadian field crops at both the national and provincial level. (Wheat, oats, barley, rye, mixed grains, flaxseed, buckwheat, canola, corn, dry peas, soybeans, beans, lentils, mustard seed and sunflower seed.)
  - **Report No. 5, August 28: July 31 Estimate of Production of Principal Field Crops, Canada**  
The preharvest estimate of area, yield and production for selected Canadian field crops at both the national and provincial level. (Wheat, oats, barley, rye, mixed grains, flaxseed, canola, and dry peas.)

• **Report No. 6, September 13: Stocks of Canadian Grain at July 31, 2001**

Estimated farm stocks at the provincial level and commercial stocks at the national level for the 8 major Canadian grains and oilseeds: wheat, oats, barley, rye, flaxseed, canola, corn, and soybeans.

• **Report No. 7, October 5: September Estimate of Production of Principal Field Crops, Canada, 2001**

The mid harvest estimate of area, yield and production for Canadian field crops at both the national and provincial level. (Wheat, oats, barley, rye, mixed grains, flaxseed, buckwheat, canola, corn, dry peas, soybeans, and lentils.)

• **Report No. 8, December 5: November Estimate of Production of Principal Field Crops, Canada, 2001**

The postharvest estimate of area, yield and production for Canadian field crops at both the national and provincial level. (Wheat, oats, barley, rye, mixed grains, flaxseed, buckwheat, canola, corn, dry peas, soybeans, beans, lentils, mustard seed, sunflower seed, and hay.) Fall seeded area estimates of winter wheat and fall rye are also available.

**Crops Small Area Current Data (22F0005XDB)**

These data are released annually and contain estimates of area, yield and production of field crops at the subprovincial (crop district) level. All of the major grains are included along with 5 specialty crops. Geographically, these data are available for Quebec and Ontario in eastern Canada and all of the western provinces. This product is designed for those who need accurate and timely estimates to aid in the analysis of field crops at the crop district level.

- Subject Matter Contact: Dave Roeske (613) 951-0572
- Release date: February 2001
- Annual Subscription: \$225
- Available on paper or electronically by diskette or e-mail

**Crops Small Area Historical Data (22F0004XDB)**

These data are released annually and contain estimates of area, yield and production of field crops at the subprovincial (crop district) level. All of the major grains from 1976 to 1998 are included along with 5 specialty crops from 1987 to 1998. Geographically, these data are available for Quebec and Ontario in eastern Canada and all of the western provinces. This product is designed for those who need an accurate historical perspective to aid in the analysis of field crops at the crop district level.

- Subject Matter Contact: Dave Roeske (613) 951-0572
- Release date: February 2001
- Annual Subscription: \$995
- Available on paper or electronically by diskette or e-mail



## Cereals and Oilseeds Review (22-007-XIB)



This publication provides current grain marketing data and commentary on the major Canadian cereals, oilseeds, special crops and their products. Detailed supply and disposition analyses are presented along with exports and imports, cash, future and CWB forecast prices and domestic use data. A monthly situation report provides industry highlights. Each issue is an up-to-date source of information for grain analysts, traders, agri-business and the farm community.

- Subject Matter Contact: Karen Gray (204) 983-2856
- Release dates: March 28, April 26, May 29, June 29, July 27, August 27, September 27, October 29, November 28, December 21, 2001 and January 28, March 1, 2002
- Available on the Internet: Annual Subscription: \$112; Per Issue: \$11
- Available in print (22-007-XPB): Annual Subscription: \$149; Per Issue: \$15



## Grain Trade of Canada (22-201-XIB)

This publication provides a comprehensive look at the past crop year. Included are key data series on production, stocks, cash and future prices, crop quality, domestic processing, grain handlings and detailed supply and disposition analyses. A written overview summarizes the year's market conditions domestically and internationally. Each issue is prepared in connection with the Canadian Grain Commission to provide an invaluable reference tool.

- Subject Matter Contact: Karen Gray (204) 983-2856
- Release date: May 29, 2001
- Available on the Internet: Annual Subscription: \$33
- Available in print (22-201-XPB): Price: \$44



## Fruit and Vegetable Production (22-003-XIB)

This semi-annual product is released on the Internet and provides an overview of the Canadian fruit and vegetable production sector. Annual estimates of the area, production and value of the major commercially grown vegetables are published. For the mushroom growing industry, estimates of area, production, sales, investments and labour costs and employment are available once yearly. Statistics on the tobacco growing sector are collected once annually and released twice a year. Note: The first release in crop year will appear in June and will present the cultivated areas from the Fruit and Vegetable Area Survey conducted in May. The second will appear in February and include area, production, and value data for the crop year.

- Subject Matter Contact: Bill Parsons (613) 951-8727
- Release dates: February 16 and June 15, 2001 and February 15, 2002
- Available on the Internet: Annual Subscription: \$46; Per Issue: \$23





### **Greenhouse, Sod and Nursery Industries (22-202-XIB)**

This annual publication provides an overview of the Canadian greenhouse industry. Included are annual estimates of the total area under glass and plastic, months of operation and the total sales. Estimates of employment, labour costs, investments, purchases of plant materials and heating fuel costs are also available. Information on the value of sales of greenhouse vegetables, flowers and ornamental plants are also published, as well as the production of flowers by variety. Also included are estimates on the area, cost of purchases, employment and value of nursery stock and sod. There is also information on the proportion of sales through various channels.

- Subject Matter Contact: Bill Parsons (613) 951-8727
- Release date: April 27, 2001
- Available on the Internet: Price: \$26

### **Potato Historical Series – Binder (22-008-XPB)**

Area planted, area harvested, yield, total production, amount sold, consumed, seeded or fed to livestock, farm price and value, by province for the years 1891 to 2000, where data are available.

- Subject Matter Contact: Barbara McLaughlin (902) 893-7251
- Price: \$90



### **Statistical Bulletin: Canadian Potato Production – Updates (22-008-UIB)**

Current area planted, area harvested, yield, total production, amount sold, consumed, seeded or fed to livestock, farm price and value, by province. Updates for the current year are released in July, November and January and can be ordered separately. Available on the Internet free of charge.

- Subject Matter Contact: Barbara McLaughlin (902) 893-7251
- Release dates: January 19, July 20, November 23, 2001 and January 17, 2002
- Available free on the Internet
- Available in print (22-008-UPB): Annual Subscription: \$21



### **Statistical Bulletin: Production and Value of Honey and Maple Products (23-221-XIB)**

This annual bulletin summarizes the production, price and value of honey and maple products, by province. The bulletin is released during the fall of each year.

- Subject Matter Contact: Bill Parsons (613) 951-8727
- Release date: November 19, 2001
- Available free on the Internet

## FAX SERVICES

### Canola Crush Fax Service (22F0001XFB)

A monthly fax service of data published monthly in **Cereals and Oilseeds Review (22-007-XPB and 22-007-XIB)** providing total crushings, oil and meal production and seed stocks. The service is available by an annual subscription.

- Subject Matter Contact: Les Macartney (613) 951-8714
- Annual Subscription: \$50

### Field Crop Reporting Series Fax Service (22-002-XFB)

This service provides the complete information published in **Field Crop Reporting Series (22-002-XPB and 22-002-XIB)**. Delivery is guaranteed on the day of release. The service is available by an annual subscription.

- Subject Matter Contact: Oliver Code (613) 951-8719
- Annual Subscription: \$200

### National Supply and Disposition Fax Service (22F0002XFB)

A fax service providing national supply-disposition tables for the major grains for the following 3 periods: August to December, August to March and August to July. Data include production, farm and commercial stocks, imports, exports, human food and industrial use and animal feeding. Seven years of data are provided. Less detailed data are published monthly in the **Cereals and Oilseeds Review (22-007-XPB and 22-007-XIB)** and annually in the **Grain Trade of Canada (22-201-XPB and 22-201-XIB)**. The service is available by an annual subscription.

- Subject Matter Contacts: Karen Gray (204) 983-2856 or Susan Anderson (613) 951-3859
- Annual Subscription: \$280

# LIVESTOCK AND ANIMAL PRODUCTS STATISTICS

## DATA PRODUCTS

### Livestock Statistics Binder - (23-603-XPE)

Updates - (23-603-UPE)

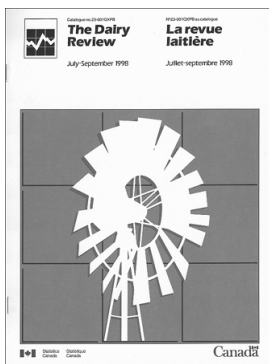
Fax - (23-603-UFE)

This binder publication contains data from 1976 to date for major livestock series: cattle and calves, hogs, sheep, lambs and wool, furs, trade and prices, stocks of frozen meats, apparent per capita meat consumption and aquaculture. Notes on the concepts, methods and data highlights are also included. New and revised estimates for these data are released four times each year.

- Subject Matter Contacts: Robert Plourde (613) 951-8716 or Don Cutts (613) 951-2551
- Release dates for the updates: February 15, April 26, August 23, October 22, 2001 and February 21, 2002
- Binder: \$93
- Updates: Annual Subscription: \$149
- Updates: Per Issue: \$45
- Fax Service: Annual Subscription: \$75



### The Dairy Review (23-001-XIB)



This publication is a statistical summary of the dairy situation in Canada and the provinces, including farm sales of milk for fluid and manufacturing purposes; cash receipts from farm sales; and production and stocks of creamery butter, cheddar cheese and other dairy products and by-products.

- Subject Matter Contact: Debbie Dupuis (613) 951-2553
- Release dates: February 13, May 14, August 13, November 13, 2001 and February 12, 2002
- Available on the Internet: Annual Subscription: \$89; Per Issue: \$27
- Available in print (23-001-XPB): Annual Subscription: \$119; Per Issue: \$36



### Production of Poultry and Eggs (23-202-XIB)

This product contains charts and tables presenting current and historical data on the turkey, chicken, stewing hen and egg industries in Canada. The topics covered include annual supply, disposition and per capita disappearance of poultry meat and eggs at the national level. Production and value are given for each commodity at the provincial level. Notes on concepts, methods and data highlights are included.

- Subject Matter Contact: Robert Plourde (613) 951-8716
- Release date: May 15, 2001
- Available on the Internet: Annual Subscription: \$29

## Statistical Bulletin: Production of Eggs (23-003-XPB)

This monthly bulletin provides provincial and national level estimates on the number of layers, rates of lay, egg production, farm prices, eggs sold for consumption and those used by producers, leakers and rejects, processed eggs, placements of laying chicks, and average prices of eggs sold for consumption.

- Subject Matter Contact: Robert Plourde (613) 951-8716
- Release dates: January 8, February 5, March 5, April 9, May 8, June 7, July 6, August 10, September 7, October 5, November 9, December 7, 2001 and January 8, February 5, 2002
- Annual Subscription: \$110

## FOOD STATISTICS

### Food Consumption in Canada, Part I (32-229-XIB)



This publication contains 15 years of annual supply, disposition, and per capita disappearance data for the following food groups: cereals, sugars and syrups, pulses and nuts, beverages, dairy products and by-products, poultry, eggs and meats. The data tables and related analytical information for all commodities from both Part I and II are included in both publications.

- Subject Matter Contact: Debbie Dupuis (613) 951-2553
- Release date: June 14, 2001
- Available on the Internet: \$26
- Available in print (32-229-XPB): \$35

### Food Consumption in Canada, Part II (32-230-XIB)



This publication contains 15 years of annual supply, disposition and per capita disappearance data for the following food groups: oils and fats, fruits, vegetables, juice and fish. The data tables and related analytical information for all commodities from both Part I and II are included in both publications.

- Subject Matter Contact: Debbie Dupuis (613) 951-2553
- Release date: October 18, 2001
- Available on the Internet: \$26
- Available in print (32-230-XPB): \$35

### Statistical Bulletin: Stocks of Frozen Meat Products (23-009-XIB)



This monthly bulletin provides detailed data on the stocks of frozen beef, pork, veal, mutton, lamb and fancy meats in Canada, by province. Stocks of frozen imported meats are available on CANSIM.

- Subject Matter Contact: Mark Elward (613) 951-8715
- Release dates: January 30, February 27, March 28, April 26, May 30, June 28, July 26, August 30, September 27, October 30, November 29, December 21, 2001 and January 30, February 27, 2002
- Available free on the Internet

## SPATIAL ANALYSIS AND GEOMATICS APPLICATIONS (SAGA)

The Spatial Analysis and Geomatics Applications (Section SAGA) provides a variety of products and services using the tools and methodologies of digital image analysis (remote sensing) and geographic information systems (GIS). The program includes operational agricultural and environmental applications, custom mapping, satellite image analysis and geomatics services. These remote sensing and geostatistical products and services are available on a cost-recovery or fee-for-services basis.

### AGRICULTURAL AND ENVIRONMENTAL REMOTE SENSING / GIS APPLICATIONS

The SAGA team has considerable experience and expertise in developing operational remote sensing and integrated geographic information processing applications. The data and products generated by SAGA are available to clients as hard-copy maps or in electronic formats. Some major SAGA application programs include:

- The **Crop Condition Assessment Program (CCAP)** is a near-real time, value-added product that is available via the Internet. Throughout the agricultural growing season, the CCAP provides weekly crop condition analysis of western Canada based on the low-resolution digital satellite data. This subscription service produces timely, quantitative and objective crop condition information at the provincial, census agricultural region, township and rural municipality levels. The weekly interactive information package includes colour images and maps, graphs, tables and an experimental spring wheat **yield model**.
- The **Prince Edward Island Land Cover Classification and Forest Monitoring Project (PLCCP)**. Since 1995, SAGA has conducted an annual operational land-resource and forest management project for the Department of Agriculture and Forestry (DAF), Prince Edward Island. Using digital remote sensing and geographic information system (GIS) technologies, multi-date, high-resolution satellite data are digitally processed providing land-cover data in electronic format of major crops, forest type, forest cutovers, urban areas and water classes throughout Prince Edward Island. Project outputs are incorporated by DAF into a GIS to support several provincial operational programs and research initiatives. Results of this project have clearly demonstrated the value of using high-resolution digital satellite data integrated with a GIS for the provision of land-resource management information in a timely, accurate and cost-efficient manner.
- **Canadian Agriculture at a Glance: Customized Mapping Applications**. SAGA prepared all of the maps published in *Canadian Agriculture at a Glance* (96-325-XPB). All maps are in full colour and available in either paper or electronic format. Standard and custom mapping services are provided by SAGA to clients on a routine basis.
- **Digital Boundary Files: Agricultural Ecumene of Canada, 1996**. This digital boundary file delineates areas of significant agricultural activity in Canada based on the 1996 Census of Agriculture data. An agricultural ecumene is used for displaying agricultural data and limits data presentation to recognized areas of agricultural significance. The 1996 agricultural ecumene was delineated to represent data at the census division level of geography. Ecumene pockets exist in all census divisions for which data are published by the Census of Agriculture. Where data have been suppressed for confidentiality reasons, ecumene pockets in these census divisions have been eliminated. Data collected from census farms are

reported in the ecumene pocket of a neighbouring census division. A list of geographic amalgamations can be obtained by contacting User Services, Census of Agriculture.

These products are available in:

ARC/INFO® Export; Coordinates: Lambert, Lat./Long.  
Media: 8mm Exabyte tape, CD-ROM

- **Digital Boundary Files: *Census Agricultural Region (CAR)*.** A census agricultural region is a subprovincial geographic area used by the Census of Agriculture for disseminating agricultural statistics. In all provinces except Prince Edward Island and Saskatchewan, a census agricultural region is a contiguous grouping of census divisions. In Saskatchewan, census agricultural regions are groupings of adjacent census consolidated subdivisions, but these groupings do not necessarily respect census division boundaries. Census agricultural regions have not been defined for Prince Edward Island, the Yukon, the Northwest Territories or Nunavut. In the Prairies, census agricultural regions are commonly referred to as crop districts.

These products are available in:

ARC/INFO® Export; Coordinates: Lambert, Lat./Long.  
Media: 8mm Exabyte tape, CD-ROM

## RESEARCH AND DEVELOPMENT

Ongoing research and development is an important component of the SAGA program. As with the custom mapping and spatial data analysis programs, outputs of SAGA's research and development efforts are often available to its clients. Current projects include:

- early season forecast of western Canada's spring wheat yield using NOAA digital satellite data
- land-use and land-use change analysis from high-resolution digital satellite imagery
- geographic information database design and implementation
- use of satellite remote sensing for construction of statistical area sampling frames (ASF)
- the use of digital radar satellite data for land-use and crop monitoring
- geostatistical integration of database software/hardware systems

## OTHER AVAILABLE SERVICES AND APPLICATIONS

- development of interactive geomatic applications for the Internet
- remote sensing/geographic information system integration and custom mapping
- crop area estimation and area sample frame (ASF) construction using geomatics technologies
- crop yield estimation by user defined statistical units such as risk areas and management districts
- spatial and statistical data integration
- remote sensing/geographic information system consulting and training
- specialized geomatics research and methodology development

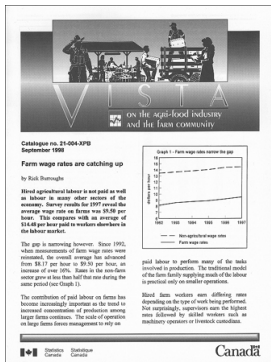
For more information, please contact:

Gordon Reichert  
(613) 951-3872  
Fax: (613) 951-3868

# GET MORE FROM YOUR AGRICULTURAL STATISTICS PROGRAM

## VISTA NEWSLETTER

Vista Newsletter (21-004-XIB)



VISTA is a semi-annual newsletter for users of agriculture statistics. Each issue contains several short articles highlighting statistical insights on themes relating to agriculture, food and rural issues. In addition, there are current indicators of agricultural activity, a list of subject-matter contacts and a schedule of upcoming statistical releases.

- Subject Matter Contact: Rick Burroughs (613) 951-2890
- Release dates: March and September 2001
- Available free on the Internet or on paper (21-004-XPE)

## FARMING FACTS

Farming Facts (21-522-XIE)



This report presents, in graphic, tabular and textual form a variety of information produced by Statistics Canada for the agricultural community. The February edition highlights the results of the 1998 Farm Financial Survey.



- Subject Matter Contact: Phillip Stevens (613) 951-2435
- Released February 2000
- Available free on the Internet or on paper (21-522-XPE)

## FARM INPUTS MANAGEMENT SURVEY

Farm Inputs Management Survey (21F0009XPE)

A survey of manure, commercial fertilizer and commercial pesticide management practices on Canadian farms in 1995.

This report describes the approach used to collect data on the adoption and use of selected farm input management practices on Canadian farms. The Farm Inputs Management Survey, an initiative by Agriculture and Agri-Food Canada and Statistics Canada, addresses a data gap at the national level regarding the management of three farm inputs: manure, commercial fertilizers and commercial pesticides.

Data for 1995 are available at the following geographic levels: Canada, Province, Ecozone and Ecozone within Province. Canada-level data summaries are provided in this report. Custom data requests by Province, Ecozone and Province/Ecozone are available on a cost-recovery basis from Statistics Canada.

- Subject Matter Contact: Linda Brazeau (613) 951-5027
- Available now

## RURAL AND SMALL TOWN CANADA ANALYSIS BULLETINS

### Rural and Small Town Canada Analysis Bulletins (21-006-XIE)



Statistics Canada has launched an occasional bulletin series to document the structure and trends in rural Canada. The objective is to provide baseline information for national and provincial discussions of rural issues and to provide a baseline with which local communities can compare their situations.

List of published bulletins:

|               |  |  |
|---------------|--|--|
| Vol. 1, No. 1 | Rural and Small Town Population is Growing in the 1990s                                | Robert Mendelson and Ray D. Bollman                        |
| Vol. 1, No. 2 | Employment Patterns in the Non-Metro Workforce   | Robert Mendelson   |
| Vol. 1, No. 3 | The Composition of Business Establishments in Smaller and Larger Communities in Canada | Robert Mendelson   |
| Vol. 1, No. 4 | Rural and Urban Household Expenditure Patterns for 1996                                | Jeff Marshall and Ray D. Bollman                           |
| Vol. 1, No. 5 | How far to the nearest physician?  | Edward Ng, Russell Wilkins, Jason Pole and Owen B. Adams   |
| Vol. 1, No. 6 | Factors Associated with Local Economic Growth  | Ray D. Bollman   |
| Vol. 1, No. 7 | Computer Use and Internet Use by Members of Rural Households                           | Margaret Thompson-James                                    |
| Vol. 1, No. 8 | Geographical Patterns of Socio-Economic Well-Being of First Nations Communities        | Robin P. Armstrong   |
| Vol. 2, No. 1 | Factors Associated with Female Employment Rates in Rural and Small Town Canada         | Esperanza Vera-Toscano, Euan Phimister and Alfons Weersink |
| Vol. 2, No. 2 | Population Structure and Change in Predominantly Rural Regions                         | Roland Beshiri and Ray D. Bollman                          |
| Vol. 2, No. 3 | Rural youth migration between 1971 and 1996  | Juno Tremblay  |
| Vol. 2, No. 4 | Housing Conditions in Predominantly Rural Regions                                      | Carlo Rupnik, Juno Tremblay and Ray D. Bollman             |

- Subject Matter Contact: Ray D. Bollman (613) 951-3747
- Available free on the Internet



# AGRICULTURE AND RURAL WORKING PAPER SERIES

The Agriculture Division publishes working papers on research, analytical results, statistical techniques, methods and concepts. Contact the Agriculture Division by calling toll-free 1 800 465-1991 to order your copy.

|               |                   |   |   |
|---------------|-------------------|---|---|
| <b>No.1</b>   | (21-601-MPE80001) | <b>A Description of Theil's RMPSE Method in Agricultural Statistical Forecasts (1980)</b>                           | Stuart Pursey   |
| <b>No. 3</b>  | (21-601-MPE81003) | <b>A Review of the Livestock Estimating Project with Recommendations for the Future (1981)</b>                      | Bernard Rosien and Elizabeth Leckie                         |
| <b>No. 4</b>  | (21-601-MPE84004) | <b>An Overview of the Canadian Oilseed Industry (1984)</b>  | Glenn Lennox  |
| <b>No. 5</b>  | (21-601-MPE84005) | <b>Preliminary Analysis of the Contribution of Direct Government Payments to Realized Net Farm Income (1984)</b>    | Lambert Gauthier  |
| <b>No. 6</b>  | (21-601-MPE84006) | <b>Characteristics of Farm Entrants and their Enterprises in Southern Ontario for the Years 1966 to 1976 (1984)</b> | Jean B. Down  |
| <b>No. 7</b>  | (21-601-MPE84007) | <b>A Summary of Commodity Programs in the United States (1984)</b>  | Allister Hickson  |
| <b>No. 8</b>  | (21-601-MPE84008) | <b>Prairie Summerfallow Intensity: An Analysis of 1981 Census Data (1984)</b>                                       | Les Macartney   |
| <b>No. 9</b>  | (21-601-MPE85009) | <b>The Changing Profile of the Canadian Pig Sector (1985)</b>   | Mike Shumsky  |
| <b>No. 10</b> | (21-601-MPE86010) | <b>Revisions to the Treatment of Imputed House Rents in the Canadian Farm Accounts, 1926-1979 (1986)</b>            | Mike Trant  |
| <b>No. 11</b> | (21-601-MPE92011) | <b>The Ratio Estimator: an Intuitive Explanation and Its Use in Estimating Agriculture Variables (1992)</b>         | François Maranda and Stuart Pursey                          |
| <b>No. 12</b> | (21-601-MPE91012) | <b>The Impact of Geographic Distortion Due to the Headquarters Rule (1991)</b>                                      | Rick Burroughs  |
| <b>No. 13</b> | (21-601-MPE91013) | <b>The Quality of Agriculture Data – Strengths and Weaknesses (1991)</b>  | Stuart Pursey   |
| <b>No. 14</b> | (21-601-MPE92014) | <b>Alternative Frameworks for Rural Data (1992)</b>   | A.M. Fuller, Derek Cook and Dr. John Fitzsimons             |
| <b>No. 15</b> | (21-601-MPE93015) | <b>Trends and Characteristics of Rural and Small Town Canada (1993)</b>   | Brian Biggs, Ray Bollman and Michael McNames                |
| <b>No. 16</b> | (21-601-MPE92016) | <b>The Microdynamics and Farm Family Economics of Structural Change in Agriculture (1992)</b>                       | Phil Ehrensaft and Ray Bollman                              |
| <b>No. 17</b> | (21-601-MPE93017) | <b>Grains and Oilseeds Consumption by Livestock and Poultry, Canada and Provinces 1992</b>                          | Livestock and Animal Products Section                       |
| <b>No. 18</b> | (21-601-MPE94018) | <b>Trends and Patterns of Agricultural Structural Change: Canada / US Comparison</b>                                | Ray Bollman, Leslie A. Whitener and Fu Lai Tung             |
| <b>No. 19</b> | (21-601-MPE94019) | <b>Farm Family Total Income by Farm Type, Region and Size for 1990 (1994)</b>                                       | Saiyed Rizvi, David Culver, Lina Di Piétro and Kim O'Connor |

|                |                   |   |   |
|----------------|-------------------|---|---|
| <b>No. 20</b>  | (21-601-MPE91020) | <b>Adjustment in Canadian Agriculture (1994)</b>  | George McLaughlin   |
| <b>No. 21</b>  | (21-601-MPE93021) | <b>Microdynamics of Farm Size Growth and Decline: A Canada-United States Comparison</b>                         | Fred Gale and Stuart Pursey                                       |
| <b>No. 22</b>  | (21-601-MPE92022) | <b>The Structures of Agricultural Household Earnings in North America: Positioning for Trade Liberalization</b> | Leonard Apedaile, Charles Barnard, Ray Bollman and Blaine Calkins |
| <b>No. 23</b>  | (21-601-MPE92023) | <b>Potatoes: A Comparison of Canada/USA Structure</b>   | Glenn Zepp, Charles Plummer and Barbara McLaughlin                |
| <b>No. 24</b>  | (21-601-MPE94024) | <b>Farm Structure Data: A US-Canadian Comparative Review</b>  | Victor J. Oliveira, Leslie A. Whitener and Ray Bollman            |
| <b>No. 25</b>  | (21-601-MPE94025) | <b>Grain Marketing Statistics Statistical Methods Working Paper Version 2</b>                                   | Karen Gray  |
| <b>No. 26</b>  | (21-601-MPE94026) | <b>Farm Business Performance: Estimates from the Whole Farm Database</b>  | W. Steven Danford   |
| <b>No. 27</b>  | (21-601-MPE94027) | <b>An Attempt to Measure Rural Tourism Employment</b>   | Brian Biggs   |
| <b>No. 28*</b> | (21-601-MPE95028) | <b>Delineation of the Canadian Agricultural Ecumene for 1991</b>  | Timothy J. Werschler  |
| <b>No. 29</b>  | (21-601-MPE95029) | <b>Mapping the Diversity of Rural Economies: A Preliminary Typology of Rural Canada</b>                         | Liz Hawkins   |
| <b>No. 30*</b> | (21-601-MPE96030) | <b>Structure and Trends of Rural Employment: Canada in the Context of OECD Countries</b>                        | Ron Cunningham and Ray D. Bollman                                 |
| <b>No. 31*</b> | (21-601-MPE96031) | <b>A New Approach to Non-CMA/CA Areas</b>   | Linda Howatson-Leo and Louise Earl                                |
| <b>No. 32</b>  | (21-601-MPE96032) | <b>Employment in Agriculture and Closely Related Industries in Rural Areas: Structure and Change 1981-1991</b>  | Sylvain Cloutier  |
| <b>No. 33*</b> | (21-601-MPE98033) | <b>Hobby Farming – For Pleasure or Profit?</b>  | Stephen Boyd  |
| <b>No. 34*</b> | (21-601-MPE98034) | <b>Utilization of Document Imaging Technology By the 1996 Canadian Census of Agriculture</b>                    | Mel Jones and Ivan Green  |
| <b>No. 35*</b> | (21-601-MPE98035) | <b>Employment Patterns in the Non-Metro Workforce</b>   | Robert Mendelson  |
| <b>No. 36*</b> | (21-601-MPE98036) | <b>Rural and Small Town Population is Growing in the 1990s</b>  | Robert Mendelson and Ray D. Bollman                               |
| <b>No. 37*</b> | (21-601-MPE98037) | <b>The Composition of Business Establishments in Smaller and Larger Communities in Canada</b>                   | Robert Mendelson  |
| <b>No. 38*</b> | (21-601-MPE98038) | <b>Off-farm Work by Census-farm Operators: An Overview of Structure and Mobility Patterns</b>                   | Michael Swidinsky, Wayne Howard and Alfons Weersink               |
| <b>No. 39*</b> | (21-601-MPE99039) | <b>Human Capital and Rural Development: What Are the Linkages?</b>  | Ray D. Bollman  |

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|----------------|-------------------|---|--|
| <b>No. 40*</b> | (21-601-MPE99040) | <b>Computer Use and Internet Use by Members of Rural Households</b>                             | Margaret Thompson-James                                    |
| <b>No. 41*</b> | (21-601-MPE99041) | <b>RRSP Contributions by Canadian Farm Producers in 1994</b>                                    | Marco Morin  |
| <b>No. 42*</b> | (21-601-MPE99042) | <b>Integration of Administrative Data with Survey and Census Data</b>                           | Michael Trant and Patricia Whitridge                       |
| <b>No. 43</b>  | (21-601-MIE01043) | <b>The Dynamics of Income and Employment in Rural Canada: The Risk of Poverty and Exclusion</b> | Esperanza Vera-Toscano, Euan Phimister and Alfons Weersink |
| <b>No. 44</b>  | (21-601-MIE01044) | <b>Rural youth migration between 1971 and 1996</b>  | Juno Tremblay  |

\* Available at <http://dissemination.statcan.ca/english/IPS/Data/21-601-MIE.htm>

# PRODUCTS AND SERVICES RELATED TO AGRICULTURE

## CANSIM DATA BASE

CANSIM is Statistics Canada's corporate computerized data base network and information retrieval service. In total the CANSIM Time Series Database contains over 1 million time series collected from subject matter sources throughout Statistics Canada and from outside sources such as the Bank of Canada. Currently 21,000 time series from Agriculture Division are on CANSIM.

### On-Line Access to CANSIM

Complete sets or subsets of the CANSIM Time Series Database are available to the private and public sectors from various commercial service bureaus under license to Statistics Canada. CANSIM is also accessible on the Statistics Canada Internet site at <http://www.statcan.ca>.

### CANSIM University Base

The entire CANSIM University Time Series Database is available to university and college subscribers via Internet delivery from a university distributor. Use of the database is restricted to educational institutions for the purposes of teaching and academic research. Most of the 21,000 agriculture time series are also available through the University Base Internet service.

More information about CANSIM products and services can be obtained from any Statistics Canada Regional Reference Centre.

## E-STAT



### The educational research tool that students love to use

**E-STAT** is Statistics Canada's interactive learning tool designed with the needs and interests of the education community in mind. First produced in 1992, **E-STAT** offers you an enormous warehouse of reliable and timely statistics about Canada and its ever-changing people.

Using over 450,000 current CANSIM Time Series and the most recent, as well as historical census data, **E-STAT** lets you bring data to life in colorful graphs and maps. Everyone in the classroom can quickly trace developments over time and discover emerging trends.

Easy-to-use, incredibly thorough and dynamic, **E-STAT** is a stimulating teaching and learning resource that spurs students on to discover Canada, past and present. It's so interesting to use, in fact, they will find it hard to tear themselves away!

A new feature of **E-STAT** 2000 is the inclusion of textual information that augments various topics. For example, selected sections from *Canada Year Book 1999* and from the popular magazine *Canadian Social Trends* are now available, making **E-STAT** 2000 applicable in just about any classroom — from mathematics and English to physical education and drama.

For the plugged-in teacher, **E-STAT** 2000 comes complete with a host of curriculum-relevant activities developed by educators specifically for grade 6 and up. **E-STAT** can also be a useful tool for teachers in designing lesson plans.

**New for 2000:**

- **FREE** for Canadian educational institutions
- Updated social and economic data (CANSIM)
- Updated Environment data
- Sections from *Canada Year Book 1999* and *Canadian Social Trends* magazine

For further information on E-STAT, please visit our Web site at <http://www.statcan.ca> **and look for E-STAT under Education Resources**, or send an e-mail to [e-stat@statcan.ca](mailto:e-stat@statcan.ca), or contact the Statistics Canada Regional Reference Centre nearest you at 1 800 263-1136 or contact one of our Regional Education Representatives:

|                                     |  |                    |  |                              |
|-------------------------------------|--|--------------------|--|------------------------------|
| <b>Atlantic Canada</b>              | Stephanie Hubert   | Halifax            | <a href="mailto:stephanie.hubert@statcan.ca">stephanie.hubert@statcan.ca</a>   | 902-426-4881                 |
| <b>Quebec &amp; Nunavut</b>         | Gwenaël Cartier  | Montreal           | <a href="mailto:gwenael.cartier@statcan.ca">gwenael.cartier@statcan.ca</a>   | 514-496-8429                 |
| <b>Ontario</b>                      | Sunita Kossta  | Toronto            | <a href="mailto:sunita.kossta@statcan.ca">sunita.kossta@statcan.ca</a>   | 416-973-6574                 |
| <b>Prairies &amp; NWT</b><br>or     | Jacqueline Quinless<br>Danielle Rondeau<br>Education Support Officer | Edmonton<br>Regina | <a href="mailto:jacqueline.quinless@statcan.ca">jacqueline.quinless@statcan.ca</a><br><a href="mailto:danielle.rondeau@statcan.ca">danielle.rondeau@statcan.ca</a> | 780-495-3036<br>306-780-3395 |
| <b>British Columbia &amp; Yukon</b> | Marion Smith   | Vancouver          | <a href="mailto:marion.smith@statcan.ca">marion.smith@statcan.ca</a>   | 604-666-1148                 |

## INTERNATIONAL TRADE INFORMATION

Statistics Canada has information on all commodities imported into or exported out of Canada. Every year more than 20 million import and export documents are processed. The information collected is used to produce the official database of Canada's international trade.

Every month data are produced on the quantity and value of more than 18,000 commodities coming from, or destined to, over 200 countries. They can be used to determine market shares, identify foreign and domestic market trends, monitor Canada's trading status, examine transportation implications, and monitor price and volume of traded goods. Monthly, quarterly or annual data are provided at the most detailed level or aggregated to provide a broad picture. Trade data are compiled, analyzed and released 12 times a year. Data for a given month are, on average, available just 50 days after the end of the reference period.

## DATA PRODUCTS

### World Trade Atlas® - Canada Edition (WTA-CE)

The *World Trade Atlas® - Canada Edition* is a new data and software product from the International Trade Division of Statistics Canada and Global Trade Information Services Inc.. It contains Canada's trade activity with the rest of the world.

### Product Features

- Canadian merchandise trade data with over 250 trading partners;
- Up to five years of the most recent monthly data;
- Over 18,000 import and 6,000 export commodities;
- Detailed Harmonized System (HS) exports and imports data at the HS-8 and HS-10 digit level respectively;
- National, provincial, territory and U.S. state detail;

- Currency conversion;
- Value, quantity, average price;
- Monthly, quarterly, bi-annual and annual series;
- Country, province/territory, and product groups.

The **WTA-CE** also offers: drill down / drill up capabilities from low level to high level of detail; powerful graphing capabilities; sort and 'Top / Bottom' reporting functions; keyword searchable fields; easy export of data for use in other applications; and online help.

### **Classification Tracking System**

Since the Harmonized System (HS) was adopted in Canada in 1988, many changes have been made to it—codes have been added, deleted, modified and re-used. With the monthly-updated Classification Tracking System (CTS), time, effort, phone calls and frustration are saved, because CTS keeps track of all these changes. Whether you use the HS for classifying goods, for tracking goods internationally or for researching trade trends, you'll find the CTS invaluable.

### **Highlights**

A search can be done at any level of detail of HS by number, key word or range of codes. Dialog boxes make searching straight-forward, and results are presented in easy-to-read graphs that include descriptions of the imports and exports related to each code along with the changes that have been made since 1988.

### **World Trade Analyzer**

The **World Trade Analyzer** shows merchandise trade flows between member countries of the United Nations, with access to trade figures for almost 20 years.

### **Product Features**

- Compare and analyze trade statistics for producing and consuming nations
- Search by keyword
- Create tables
- Drill down and aggregate hierarchical data
- Find detail and aggregate hierarchical data
- Graph results
- Export findings to other applications

### **Highlights**

- Examine more than 800 commodities at the Standard International Trade Classification (SITC, revision 2) 4-digit level
- Access annual data from 1980 at the SITC 4-digit level
- Trace the activities of more than 180 global trading partners
- Track commodity exports and imports, determine market potential, and identify trends
- Find top producing and top consuming nations
- View data in 14 different currencies

A toll-free technical support Help Line is available to all clients.

## CUSTOM SERVICES

### Trade data

Get Canadian, American, or World trade data tabulated just the way you want it! Trade information is available at various levels of detail on an ongoing or one-time basis.

### Trade data that are available

#### Canadian

- Over 30 years of data
- HS-based monthly data, 1988 to the present
- Data prior to 1988 (other classifications)
- 18,000 import commodities (HS, 10-digit level)
- 6,000 export commodities (HS, 8-digit level)
- Over 18 variables
- Over 180 trading partners

#### American

- HS-based annual data from 1989-present: two years monthly data
- Customs district-level data
- Value and quantity

#### World

- Adjusted UN data from 1970 to the present
- Over 800 commodities (SITC, rev. 2, 4-digit level)

\*Retrievals will be available based on the North American Industrial Classification System (NAICS) in the near future.

### Weight of Exported and Imported Commodities data

Discover the weight of specific goods entering and leaving Canada, the mode of transportation (marine, rail, road or air) used, which shipping routes are the busiest and much more. This kind of information will help carry out market analysis, evaluate infrastructure needs, measure market share and formulate policy. Information is available back to 1988.

### Weight variables can be combined with other international trade variables, including:

- mode of transportation
- value
- quantity
- imports: country of origin or export
- imports: port or province of clearance
- exports: province of origin
- exports: country or state (United States) of destination
- dutiable/non-dutiable status of imported commodities
- duty collected on imports

To order or to get more information, contact Statistics Canada's International Trade Division.

Telephone: 1 800 294-5583 or (613) 951-9647

Fax: 1 800 664-0055 or (613) 951-0117

## ENVIRONMENTAL INFORMATION SYSTEM

The Environmental Information System contains a wide variety of Statistics Canada socio-economic data series commonly used in analysis of environmental issues. This information can be restructured to suit specific needs of the environmental researcher or consultant. To date, the system has been used by researchers

to estimate pollution emission levels; analyze pollutants from agriculture; gauge population pressures on ecosystems; assess land use change; estimate acid rain impacts; and to help estimate soil erosion.

A number of special geographic units are available, including river basins, ecological zones, soil zones, and wetland regions. For example, clients have been provided with socio-economic data tabulated for acid rain deposition zones, endangered species habitats, air pollution monitoring areas, and forest regions, among others.

Over 1,000 demographic, agriculture and manufacturing variables collected by Statistics Canada are maintained on the information system. Examples of these data include population and population change; dwelling characteristics; household facilities; agricultural land uses; agricultural cropping practices, fertilizer and pesticide use; industrial characteristics and activities.

For more information, please contact:

Doug Trant  
Spatial Analysis Section  
Environment Accounts and Statistics Division  
Tel: (613) 951-3829  
Fax: (613) 951-0634

## **GEOGRAPHY PRODUCTS AND SERVICES**

The Geography Division maintains a spatially referenced geographic database in support of the Censuses of Population and Agriculture, the *Standard Geographical Classification* and other Statistics Canada Programmes. The division also develops geographical concepts, delineates geographic areas, produces maps and other published reference materials, produces files on diskette and CD-ROM, and offers a variety of custom services.

### **GEOGRAPHY REFERENCE PRODUCTS**

**GeoSuite** is a data retrieval and tabular output tool. It provides the 1996 population and dwelling counts for most geographic areas excluding postal code, and all of the geographic reference information that a Census data user will require, such as geographic codes and names. It also allows clients to explore the links between all standard levels of geography. The 1996 GeoSuite includes additional information previously available in other separate products which are no longer being produced, such as the correspondence between enumeration areas (EA) from the 1996 and 1991 Censuses (EA correspondence), reference lists of component enumeration areas for higher geographic levels (EA Reference lists), as well as the enumeration area reference map titles to facilitate the identification of the appropriate maps for a given standard geographic area.

**Postal Codes Counts, 1996 Census** - is a new product for 1996 that contains population and dwellings counts for all six character postal codes reported by respondents. The population and dwelling counts are provided by individual postal code, by forward sortation area (FSA - the first three characters of the six-character postal code) and by province or territory. The data are provided with Windows-based software that enables users to perform simple data manipulations such as searching the data set for specific postal codes, importing groups of postal codes for which counts are required and exporting groupings of postal codes. Documentation and reference material are contained in electronic form on the CD-ROM.



**Reference Maps** identify Census geographic areas and locate their boundaries, allowing clients to relate Census data to actual physical locations on the ground. The following reference maps are available for the 1996 Census:

- Census Division/Census Subdivision
- Census Metropolitan Area/Census Agglomeration/Census Tract
- Federal Electoral District/Enumeration Area
- Enumeration Area maps for Large Urban centres, Small Urban centres and Rural areas

**The Standard Geographical Classification (SGC)** - is a system of names and codes representing areas of Canada. It consists of a three-tiered hierarchy - province, county and municipality. The SGC is used to identify information for particular geographical areas and to tabulate statistics.

The 1996 SGC, which replaces the 1991 version as the official geographical classification of Statistics Canada, is organized into two volumes.

**Standard Geographical Classification. Volume I. The Classification (12-571-XPB)** - is designed as a reference and coding manual. The Classification volume contains tables of SGC units with their names and codes and an alphabetical index of place names. It also covers related areas based upon the SGC.

**Standard Geographical Classification. Volume II. Reference Maps (12-572-XPB)** - shows the boundaries, names and codes of SGC areas.

The SGC is produced and maintained by Standards Division of Statistics Canada.

## PUBLICATIONS

A single publication called **A National Overview Population and Dwelling Counts (93-357-XPB)** is available for the 1996 Census. It contains population and dwelling count data for all standard geographic areas except enumeration areas, census tracts and six-character postal codes.

The **1996 Census Dictionary (92-351-UIE)** contains an appendix called “**A Guide to Census Geography and Applications**” which explains the standard hierarchies of Statistics Canada’s geographic areas and includes several examples of applications using geography products and services. This publication is available to download free from the Internet (<http://www.statcan.ca>).

**Interim List of Changes to Municipal Boundaries, Status and Names** - provides summary of changes to municipal boundaries, status and names. The list is produced on an annual basis for changes that occurred during the previous year. The interim list is available in hard copy or on diskette.

The **Geography Working Paper Series** is intended to stimulate discussion on a variety of topics covering conceptual, methodological or technical work to support the development and dissemination of the division's data, products and services. Individual working papers, catalogue no. 92F0138MIE, are available to download free from the Internet (<http://www.statcan.ca>). Paper versions, catalogue no. 92F0138MPE, are available for a small fee.

## ELECTRONIC PRODUCTS

**Digital Boundary Files (DBF) and Digital Cartographic Files (DCF):** These files comprise a series of digital geographic boundaries for all levels of geography from provinces and territories down to enumeration areas. The Digital Cartographic Files are Digital Boundary Files with shoreline and a water layer added for thematic mapping and display.

**Street Network Files (SNF):** These are digital files representing the street network for most large urban centres in Canada. The 1996 SNF will have streets and addresses updated to reflect the information collected on Census Day - May 14, 1996.

**Skeletal Street Network Files (SSNF):** These are "thinned out" Street Network Files containing selected major streets and other features that are used to define census tract boundaries. SSNFs are produced solely to provide some cartographic reference features when producing thematic maps with Digital Cartographic Files.

**The Street Network and Feature Extension Files (SNFEFs):** Are digital files that extended the coverage of the Street Network Files (SNFs) to the defined limits of the census metropolitan areas / census agglomeration (CMA/CA). The SNFEFs contain all the features of the SNFs plus a road and feature network from the National Topographic Data Base (NTDB) extending from the SNF coverage to the CMA/CA limit.

**Block-face Data File (BFDF):** A block-face is generally one side of a city street between two consecutive intersections. The BFDF contains 1996 Census population and dwelling counts for block-faces in urban centres covered by Street Network Files. It also links the block-face to all higher levels of standard geography through geographic codes.

**Postal Code Conversion File (PCCF):** This computer file links the six-character postal code with standard 1996 Census geographic areas. It also provides x,y coordinates for a point representing the approximate location of the postal code to support mapping.

**Postal Code and Federal Ridings (1996 Representation Order) File (PCFRF):** This file provides a link between the six-character postal code and Canada's federal electoral districts (1996 Representation Order).

## GEOGRAPHY SERVICES

**Geocoding Service:** This service allows users to define their own geographic areas of study for census data tabulations.

**Custom Services:** If the standard geography products do not satisfy a user's need, Geography Custom Services are available to produce non-standard geographic products by special request.

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For further information concerning these and other Geography products and services, contact the Statistics Canada Regional Reference Centre nearest you.

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Prices Division is responsible for producing price indexes covering a wide range of transactions in the economy, from consumer price indexes to industrial product price indexes, capital expenditures price indexes and farm input price indexes.

Price indexes are used in different ways by large groups of users, notably to deflate the National Accounts output, analyse the various economic variables (such as output and income) in real terms, and track inflation. They are also used to index and adjust contracts and government transfer payments to other governments and individuals.

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| 21-007-XIB       | Farm Product Price Index (Internet)  | 15             | Monthly         | free  |
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| 22-002-XPB       | Field Crop Reporting Series*   | 17             | Irregular       | 88    |
| 22-002-XIB       | Field Crop Reporting Series (Internet)*                                    | 17             | Irregular       | 66    |
| 22-003-XIB       | Fruit and Vegetable Production (Internet)*                                 | 19             | Semi-annual     | 46    |

| Catalogue Number | Title   | Reference Page | Issue Frequency | Price |
|------------------|---|----------------|-----------------|-------|
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| 22-008-XPB       | Potato Historical Series (binder)   | 20             | Irregular       | 90    |
| 22-008-UPB       | Statistical Bulletin: Canadian Potato Production (Updates to 22-008-XPB) (paper)    | 20             | Irregular       | 21    |
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| 22-201-XPB       | Grain Trade of Canada   | 19             | Annual          | 44    |
| 22-201-XIB       | Grain Trade of Canada (Internet)  | 19             | Annual          | 33    |
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| 23-001-XIB       | The Dairy Review (Internet)*  | 22             | Quarterly       | 89    |
| 23-003-XPB       | Statistical Bulletin: Production of Eggs  | 23             | Monthly         | 110   |
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| 23-202-XIB       | Production of Poultry and Eggs  | 22             | Annual          | 29    |
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| 23-603-UPE       | Updates to Livestock Statistics (23-603-XPE)*                                       | 22             | Quarterly       | 149   |

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| 32-230-XPB       | Food Consumption in Canada, Part II (paper)    | 23             | Annual          | 35    |
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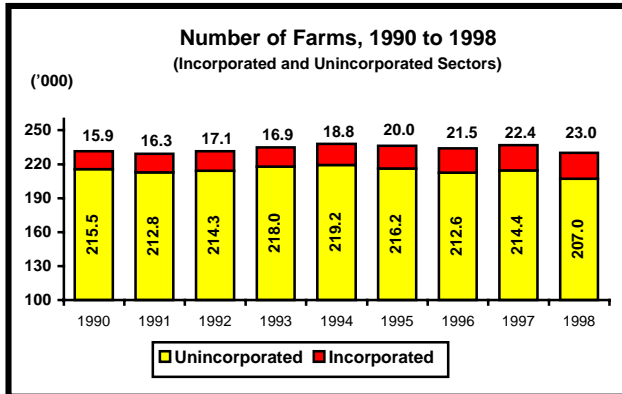
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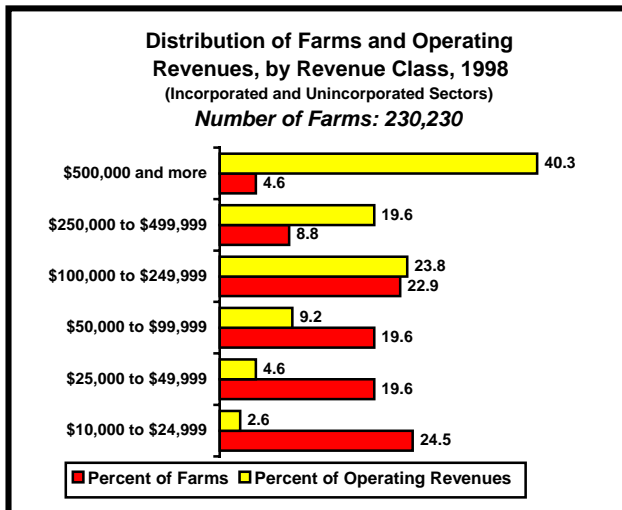


# Agricultural Quick Facts – Canada

from the Whole Farm Data Base\*



Source: WFDB, Taxation Data Program



Source: WFDB, Taxation Data Program

## \*Whole Farm Data Base (WFDB)

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

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

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

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

**Total Operating Revenues, by Revenue Class, 1998**  
Incorporated and Unincorporated Sectors

| Number of Farms               | CV | Total Operating Revenues (\$’000) | CV | Average per Farm (\$) | CV |
|-------------------------------|----|-----------------------------------|----|-----------------------|----|
| <b>All Farms</b>              |    |                                   |    |                       |    |
| 230,230                       | a  | 35,446,771                        | a  | 153,962               | a  |
| <b>\$500,000 and more</b>     |    |                                   |    |                       |    |
| 10,660                        | a  | 14,277,221                        | a  | 1,339,327             | a  |
| <b>\$250,000 to \$499,999</b> |    |                                   |    |                       |    |
| 20,305                        | a  | 6,948,511                         | a  | 342,207               | a  |
| <b>\$100,000 to \$249,999</b> |    |                                   |    |                       |    |
| 52,645                        | a  | 8,420,171                         | a  | 159,942               | a  |
| <b>\$50,000 to \$99,999</b>   |    |                                   |    |                       |    |
| 45,140                        | a  | 3,249,289                         | a  | 71,982                | a  |
| <b>\$25,000 to \$49,999</b>   |    |                                   |    |                       |    |
| 45,170                        | a  | 1,623,425                         | a  | 35,940                | a  |
| <b>\$10,000 to \$24,999</b>   |    |                                   |    |                       |    |
| 56,310                        | a  | 927,892                           | a  | 16,478                | a  |

Source: WFDB, Taxation Data Program

**Off-Farm Income and Net Operating Income of Operators, by Farm Type, Unincorporated Sector, 1998**

| Number of Operators           | CV | Off-Farm Income <sup>1</sup> (\$’000) | CV | Number of Farms | CV | Net Operating Income (\$’000) |
|-------------------------------|----|---------------------------------------|----|-----------------|----|-------------------------------|
| <b>All Farms</b>              |    |                                       |    |                 |    |                               |
| 249,495                       | a  | 5,136,163                             | a  | 201,195         | a  | 3,409,947                     |
| <b>Grain and Oilseed</b>      |    |                                       |    |                 |    |                               |
| 99,295                        | a  | 2,176,713                             | a  | 85,940          | a  | 1,691,442                     |
| <b>Cattle</b>                 |    |                                       |    |                 |    |                               |
| 70,805                        | a  | 1,588,649                             | a  | 59,350          | a  | 455,095                       |
| <b>Dairy</b>                  |    |                                       |    |                 |    |                               |
| 24,615                        | a  | 129,104                               | b  | 15,275          | a  | 737,113                       |
| <b>Fruit and Vegetable</b>    |    |                                       |    |                 |    |                               |
| 9,030                         | a  | 193,254                               | b  | 6,425           | a  | 86,406                        |
| <b>Hog</b>                    |    |                                       |    |                 |    |                               |
| 6,940                         | a  | 74,855                                | b  | 5,035           | a  | 61,936                        |
| <b>Poultry and Egg</b>        |    |                                       |    |                 |    |                               |
| 3,325                         | a  | 52,244                                | b  | 2,205           | b  | 86,570                        |
| <b>Greenhouse and Nursery</b> |    |                                       |    |                 |    |                               |
| 3,525                         | b  | 54,844                                | c  | 2,395           | b  | 46,396                        |
| <b>Livestock Combination</b>  |    |                                       |    |                 |    |                               |
| 2,150                         | b  | 29,626                                | d  | 1,575           | c  | 23,432                        |
| <b>Tobacco</b>                |    |                                       |    |                 |    |                               |
| 1,945                         | b  | 29,240                                | c  | 1,180           | c  | 50,250                        |
| <b>Potato</b>                 |    |                                       |    |                 |    |                               |
| 1,315                         | b  | 17,666                                | d  | 945             | b  | 27,759                        |
| <b>Other Farm Types</b>       |    |                                       |    |                 |    |                               |
| 26,560                        | a  | 790,120                               | b  | 20,865          | a  | 143,437                       |

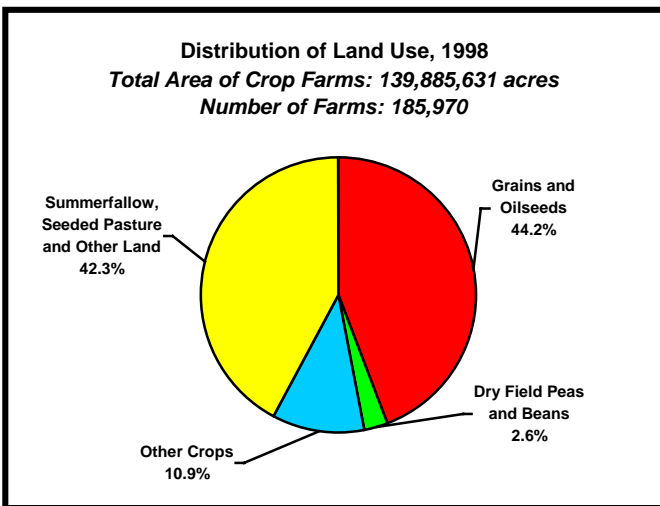
<sup>1</sup> Excluding taxable capital gains.  
Source: WFDB, Taxation Data Program

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

| Letter | C.V.           | Rating  |
|--------|----------------|---|
| a      | 0.01% - 4.99%  | very good   |
| b      | 5.0% - 9.99%   | good  |
| c      | 10.0% - 14.99% | acceptable but use with caution   |
| d      | 15.0% - 24.99% | use with caution unless independent data source concurs with the estimate value |
| e      | 25.0% and more | unreliable  |

| Off-Farm Income and Net Operating Income of Farm Families,<br>by Farm Type, Unincorporated Sector, 1997 |    |                                       |    |                 |    |                               |
|---|----|---------------------------------------|----|-----------------|----|-------------------------------|
| Number of Families  | CV | Off-Farm Income <sup>1</sup> (\$'000) | CV | Number of Farms | CV | Net Operating Income (\$'000) |
| <b>All Farms</b>  |    |                                       |    |                 |    |                               |
| 162,450   | a  | 6,687,303                             | a  | 159,060         | a  | 2,928,876                     |
| <b>Grain and Oilseed Farms</b>  |    |                                       |    |                 |    |                               |
| 62,810  | a  | 2,733,742                             | a  | 62,370          | a  | 1,428,303                     |
| <b>Cattle Farms</b>   |    |                                       |    |                 |    |                               |
| 47,120  | a  | 2,034,734                             | a  | 46,960          | a  | 287,288                       |
| <b>Dairy Farms</b>  |    |                                       |    |                 |    |                               |
| 16,470  | a  | 329,579                               | a  | 14,760          | a  | 691,006                       |
| <b>Fruit and Vegetable Farms</b>  |    |                                       |    |                 |    |                               |
| 6,580   | a  | 288,410                               | b  | 6,200           | a  | 70,975                        |
| <b>Hog Farms</b>  |    |                                       |    |                 |    |                               |
| 5,150   | a  | 139,756                               | b  | 5,060           | a  | 144,599                       |
| <b>Poultry and Egg Farms</b>  |    |                                       |    |                 |    |                               |
| 2,150   | b  | 85,195                                | c  | 2,080           | b  | 83,033                        |
| <b>Greenhouse and Nursery Farms</b>   |    |                                       |    |                 |    |                               |
| 2,020   | b  | 67,199                                | b  | 1,870           | b  | 33,050                        |
| <b>Livestock Combination Farms</b>  |    |                                       |    |                 |    |                               |
| 1,300   | c  | 46,728                                | d  | 1,190           | c  | 13,987                        |
| <b>Tobacco Farms</b>  |    |                                       |    |                 |    |                               |
| 880   | c  | 31,567                                | d  | 850             | c  | 35,745                        |
| <b>Potato Farms</b>   |    |                                       |    |                 |    |                               |
| 1,010   | b  | 31,138                                | b  | 890             | b  | 20,773                        |
| <b>Other Farm Types</b>   |    |                                       |    |                 |    |                               |
| 16,970  | a  | 899,775                               | b  | 16,830          | a  | 120,201                       |

<sup>1</sup> Excluding taxable capital gains.  
Source: WFDB, Taxation Data Program

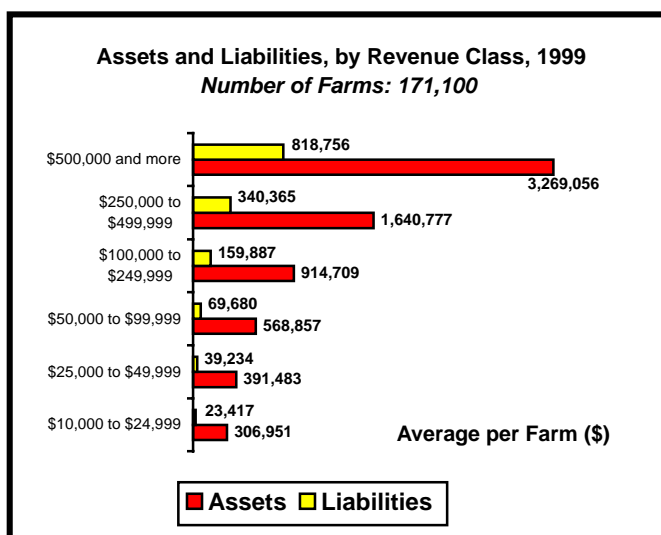


Warning: The size and design of the sample, the variability of the characteristic of interest in the population, and the estimation method all affect data quality.

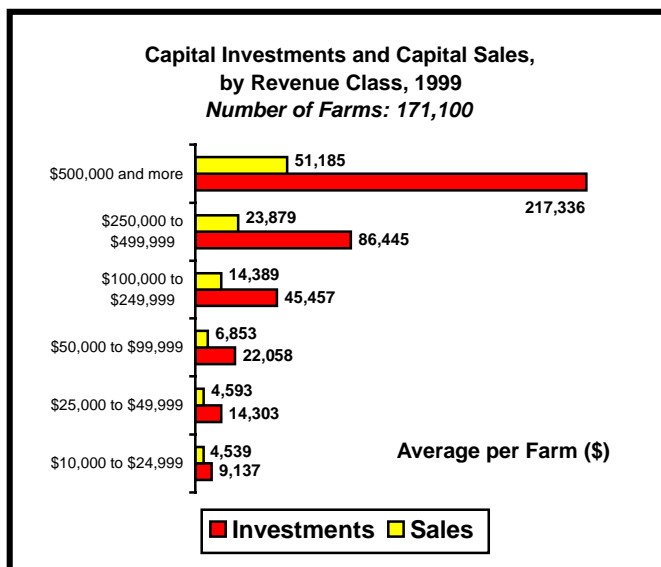
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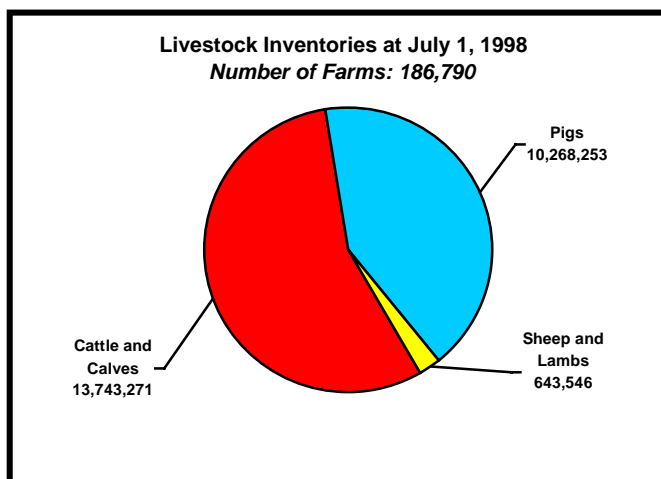
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Source: WFDB, Farm Financial Survey



Source: WFDB, Farm Financial Survey



Source: WFDB, July Livestock Survey

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|---------|-------------------------------|---------|----------------------------------|----------|---|----|----------|--|------------------------------------|----------------------------------|----------|--------|----|----|----|
| S       | Monday                        | Tuesday | Wednesday                        | Thursday | Friday  | S  | S        | Monday   | Tuesday                            | Wednesday                        | Thursday | Friday | S  |    |    |
|         | 1<br><i>New Year's Day</i>    | 2       | 3                                | 4        | 5   | 6  |          | Release in February<br>• Crops Small Area Current Data | • Crops Small Area Historical Data |                                  | 1        | 2      | 3  |    |    |
| 7       | • Production of Eggs          | 8       | 9                                | 10       | 11  | 12 | 13       | 4  | • Production of Eggs               | 5                                | 6        | 7      | 8  | 9  | 10 |
| 14      | 15                            | 16      | 17                               | 18       | 19  | 20 | 11       | 12   | • Dairy Review                     | 13                               | 14       | 15     | 16 | 17 |    |
| 21      | 22                            | 23      | 24                               | 25       | 26  | 27 | 18       | • Stocks of Frozen Poultry Meat                        | 19                                 | 20                               | 21       | 22     | 23 | 24 |    |
| 28      | • Cereals and Oilseeds Review | 29      | • Stocks of Frozen Meat Products | 30       | • Stocks of Canadian Grain at December 31, 2000 | 31 |          | 25   | 26                                 | • Stocks of Frozen Meat Products | 27       | 28     |    |    |    |

| MARCH |                                 |         |                               |                                  |        |    | APRIL |                            |                      |   |          |        |    |    |    |
|-------|---------------------------------|---------|-------------------------------|----------------------------------|--------|----|-------|----------------------------|----------------------|---|----------|--------|----|----|----|
| S     | Monday                          | Tuesday | Wednesday                     | Thursday                         | Friday | S  | S     | Monday                     | Tuesday              | Wednesday   | Thursday | Friday | S  |    |    |
|       |                                 |         |                               | 1                                | 2      | 3  | 1     | 2                          | 3                    | 4   | 5        | 6      | 7  |    |    |
| 4     | • Production of Eggs            | 5       | 6                             | 7                                | 8      | 9  | 10    | 8                          | • Production of Eggs | 9   | 10       | 11     | 12 | 13 | 14 |
| 11    | 12                              | 13      | 14                            | 15                               | 16     | 17 | 15    | 16<br><i>Easter Monday</i> | 17                   | 18  | 19       | 20     | 21 |    |    |
| 18    | • Stocks of Frozen Poultry Meat | 19      | 20                            | 21                               | 22     | 23 | 24    | 22                         | 23                   | • March Intention of Principal Field Crop Areas, Canada, 2001 | 24       | 25     | 26 | 27 | 28 |
| 25    | 26                              | 27      | • Cereals and Oilseeds Review | • Stocks of Frozen Meat Products | 28     | 29 | 30    | 31                         | 29                   | 30  |          |        |    |    |    |

| MAY |  |  |   |                         |        |                                  | JUNE |        |                                 |           |          |        |                                  |                                      |                               |    |    |
|-----|--|--|---|-------------------------|--------|----------------------------------|------|--------|---------------------------------|-----------|----------|--------|----------------------------------|--------------------------------------|-------------------------------|----|----|
| S   | Monday                                   | Tuesday                                      | Wednesday                                 | Thursday                | Friday | S                                | S    | Monday | Tuesday                         | Wednesday | Thursday | Friday | S                                |                                      |                               |    |    |
|     |  | 1  | 2   | 3                       | 4      | 5                                |      |        |                                 |           |          | 1      | 2                                |                                      |                               |    |    |
| 6   | 7  | • Stocks of Canadian Grain at March 31, 2001 | • Production of Eggs                      | 8                       | 9      | 10                               | 11   | 12     | 3                               | 4         | 5        | 6      | • Production of Eggs             | 7                                    | 8                             | 9  |    |
| 13  | • Dairy Review                           | 14   | • Production of Poultry and Eggs (Annual) | 15                      | 16     | • Stocks of Frozen Poultry Meat  | 17   | 18     | 19                              | 10        | 11       | 12     | 13                               | • Food Consumption in Canada, Part I | 14                            | 15 | 16 |
| 20  | 21<br><i>Victoria Day</i>                | 22   | 23  | 24                      | 25     | 26                               | 17   | 18     | • Stocks of Frozen Poultry Meat | 19        | 20       | 21     | 22                               | 23                                   |                               |    |    |
| 27  | • Farm Cash Receipts and Net Farm Income | 28   | • Cereals and Oilseeds Review             | • Grain Trade of Canada | 29     | • Stocks of Frozen Meat Products | 30   | 31     | 24                              | 25        | 26       | 27     | • Stocks of Frozen Meat Products | 28                                   | • Cereals and Oilseeds Review | 29 | 30 |

Footnote: All data are officially released in Statistics Canada's THE DAILY. This calendar represents data release dates for 2001 and early 2002. Copies of publications are usually printed within 2 to 4 weeks of the data release date.

# 2001 AGRICULTURE DIVISION DATA RELEASE DATES

| JULY                           |  |         |  |                                     |                           |    | AUGUST  |  |  |           |   |                            |    |
|--------------------------------|--|---------|--|-------------------------------------|---------------------------|----|---|--|--|-----------|---|----------------------------|----|
| S                              | Monday                                   | Tuesday | Wednesday                              | Thursday                            | Friday                    | S  | S   | Monday                                       | Tuesday  | Wednesday | Thursday  | Friday                     | S  |
| 1<br><small>Canada Day</small> | 2<br><i>Office Closed</i>                | 3       | 4                                      | 5                                   | 6<br>• Production of Eggs | 7  |   |  |  | 1         | 2   | 3                          | 4  |
| 8                              | 9  | 10      | 11                                     | 12                                  | 13                        | 14 | 5   | 6<br><i>Civic Holiday (except QC and NF)</i> | 7  | 8         | 9   | 10<br>• Production of Eggs | 11 |
| 15                             | 16<br>• Agricultural Economic Statistics | 17      | 18<br>• Stocks of Frozen Poultry Meat  | 19<br>• Canadian Potato Production  | 20                        | 21 | 12<br>• Dairy Review  | 13   | 14<br>• Aquaculture Economic Statistics                                  | 15        | 16  | 17                         | 18 |
| 22                             | 23                                       | 24      | 25<br>• Stocks of Frozen Meat Products | 26<br>• Cereals and Oilseeds Review | 27                        | 28 | 19<br>• Stocks of Frozen Poultry Meat   | 20   | 21   | 22        | 23<br>• Aquaculture Production and Value<br>• Updates to Livestock Statistical Binder | 24                         | 25 |
| 29                             | 30                                       | 31      |  |                                     |                           |    | 26<br>• Cereals and Oilseeds Review<br>• Farm Cash Receipts and Net Farm Income | 27   | 28<br>• July 31 Estimates of Production of Principal Field Crops, Canada | 29        | 30<br>• Stocks of Frozen Meat Products  | 31                         |    |

| SEPTEMBER                     |                        |         |   |   |                           |    | OCTOBER                             |   |         |           |  |        |  |   |
|-------------------------------|------------------------|---------|---|---|---------------------------|----|-------------------------------------|---|---------|-----------|--|--------|--|---|
| S                             | Monday                 | Tuesday | Wednesday   | Thursday  | Friday                    | S  | S                                   | Monday  | Tuesday | Wednesday | Thursday   | Friday | S  |   |
|                               |                        |         |   |   |                           | 1  |                                     |   | 1       | 2         | 3  | 4      | 5<br>• September Estimates of Production of Principal Field Crops, Canada 2001<br>• Production of Eggs | 6 |
| 2                             | 3<br><i>Labour Day</i> | 4       | 5   | 6   | 7<br>• Production of Eggs | 8  | 7                                   | 8<br><i>Thanksgiving Day</i>                    | 9       | 10        | 11   | 12     | 13   |   |
| 9                             | 10                     | 11      | 12  | 13<br>• Stocks of Canadian Grain at July 31, 2001 | 14                        | 15 | 14                                  | 15  | 16      | 17        | 18<br>• Stocks of Frozen Poultry Meat<br>• Food Consumption in Canada, Part II | 19     | 20   |   |
| 16                            | 17                     | 18      | 19<br>• Stocks of Frozen Poultry Meat                                   | 20  | 21                        | 22 | 21                                  | 22<br>• Updates to Livestock Statistical Binder | 23      | 24        | 25   | 26     | 27   |   |
| <sup>25</sup> / <sub>30</sub> | 24                     | 25      | 26<br>• Cereals and Oilseeds Review<br>• Stocks of Frozen Meat Products | 27  | 28                        | 29 | 28<br>• Cereals and Oilseeds Review | 29<br>• Stocks of Frozen Meat Products          | 30      | 31        |  |        |  |   |

| NOVEMBER                                       |                                       |                      |                                     |  |                           |    | DECEMBER                      |                               |                                       |  |   |                           |    |
|--|---------------------------------------|----------------------|-------------------------------------|--|---------------------------|----|-------------------------------|-------------------------------|---------------------------------------|--|---|---------------------------|----|
| S  | Monday                                | Tuesday              | Wednesday                           | Thursday                               | Friday                    | S  | S                             | Monday                        | Tuesday                               | Wednesday  | Thursday  | Friday                    | S  |
|  |                                       |                      |                                     | 1                                      | 2                         | 3  |                               |                               |                                       |  |   |                           | 1  |
| 4  | 5                                     | 6                    | 7                                   | 8                                      | 9<br>• Production of Eggs | 10 | 2                             | 3                             | 4                                     | 5<br>• November Estimates of Production of Principal Field Crops, Canada, 2001 | 6   | 7<br>• Production of Eggs | 8  |
| 11<br><small>Remembrance Day</small>           | 12<br><i>Office Closed</i>            | 13<br>• Dairy Review | 14                                  | 15                                     | 16                        | 17 | 9                             | 10                            | 11                                    | 12   | 13  | 14                        | 15 |
| 18<br>• Honey and Maple Products               | 19<br>• Stocks of Frozen Poultry Meat | 20                   | 21                                  | 22<br>• Canadian Potato Production     | 23                        | 24 | 16                            | 17                            | 18<br>• Stocks of Frozen Poultry Meat | 19   | 20<br>• Cereals and Oilseeds Review<br>• Stocks of Frozen Meat Products | 21                        | 22 |
| 25<br>• Farm Cash Receipts and Net Farm Income | 26                                    | 27                   | 28<br>• Cereals and Oilseeds Review | 29<br>• Stocks of Frozen Meat Products | 30                        |    | <sup>23</sup> / <sub>30</sub> | <sup>24</sup> / <sub>31</sub> | 25<br><i>Christmas Day</i>            | 26<br><i>Office Closed</i>   | 27  | 28                        | 29 |

| JANUARY 2002                          |                           |   |  |   |        |    | FEBRUARY 2002                                  |                           |  |           |   |  |    |   |
|---------------------------------------|---------------------------|---|--|---|--------|----|--|---------------------------|--|-----------|---|--|----|---|
| S                                     | Monday                    | Tuesday   | Wednesday                              | Thursday  | Friday | S  | S  | Monday                    | Tuesday                                | Wednesday | Thursday  | Friday                                 | S  |   |
|                                       |                           | 1<br><i>New Year's Day</i>                        | 2                                      | 3   | 4      | 5  |  |                           |  |           |   |  | 1  | 2 |
| 6                                     | 7<br>• Production of Eggs | 8<br>• Updates to Agriculture Economic Statistics | 9                                      | 10  | 11     | 12 | 3  | 4<br>• Production of Eggs | 5                                      | 6         | 7   | 8                                      | 9  |   |
| 13                                    | 14                        | 15  | 16<br>• Canadian Potato Production     | 17  | 18     | 19 | 10   | 11<br>• Dairy Review      | 12                                     | 13        | 14  | 15<br>• Fruit and Vegetable Production | 16 |   |
| 20<br>• Stocks of Frozen Poultry Meat | 21                        | 22  | 23                                     | 24  | 25     | 26 | 17   | 18                        | 19                                     | 20        | 21<br>• Updates to Livestock Statistical Binder | 22                                     | 23 |   |
| 27<br>• Cereals and Oilseeds Review   | 28                        | 29  | 30<br>• Stocks of Frozen Meat Products | 31<br>• Stocks of Canadian Grain at December 31, 2001 |        |    | 24<br>• Farm Cash Receipts and Net Farm Income | 25                        | 26<br>• Stocks of Frozen Meat Products | 27        | 28  |  |    |   |