



Statistics
Canada

Statistique
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Farm level data for research analysis

StatCan CDER
Socio-Economic
Workshop

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Objective

- To provide a brief overview on the farm level data available from the Census of Agriculture, and main commodity and financial surveys





Census of Agriculture - Background

- Census of Agriculture is a unique source for:
 - small/custom geographic areas
 - enumerating rare and emerging commodities
 - comprehensive and complete profile (farms and operators)
- Used to benchmark annual agriculture survey program estimates
- Meet users needs for agricultural and environmental programs, health (pesticides), trade and crisis management (floods, disease outbreaks)



Census of Agriculture - Scope

- The Census covers all farm operations producing agriculture products with the intent of selling them
- Collects information on all operations in Canada
 - No minimum sales or size requirement
 - 193,492 farms in 2016



Social/ Human

Organic Certification

Land use

Crops and Livestock

Farm Practices

Operators

Succession Planning

Farm Families

Adoption of technology

Provides a truly integrated profile of the physical, economic, social and environmental aspects of agriculture

Business/ Economic

Business Structure

Physical

Geographic location

Inputs

Water use

Renewal Energy

Farm finances

Capital Resources

Environmental

Labour

Direct Marketing



Farm level data in CDER

- Census of Agriculture Longitudinal file (1981-2011)
 - Currently years 1981-2011
 - Work in progress:
 - Add more farm variables
 - Add farm operator variables
 - Add 2016 Census of Agriculture data
- Farm Financial Survey
 - 2013 and 2015
 - farm assets, liabilities, revenues, expenses, capital investments and capital sales
 - Sample around 6,000 farms



Potential other data in CDER

- Livestock
 - Cattle, Hogs and Sheep
 - January 1 and July 1 inventories
- Crops and horticulture
 - Field Crops (Grains and Oilseeds)
 - seeded and harvested areas, average yields, production and on-farm stocks
 - Fruits and Vegetable
 - total cultivated area, harvested area, total production, quantity sold and farm gate value
 - Greenhouse, Sod and Nursery
 - area, quantity sold, values, distribution channels, labour, expenses



Potential other data in CDER

- Linked taxation data files to:
 - Taxation data (detailed revenues and expenses)
 - Census of agriculture and survey samples
- Census of population – Census of agriculture
 - Socio-economic characteristics of farm operators and farm population (education, mother tongue, total income, occupation, religious affiliation, country of birth, family size)



Questions/Contacts

Analysis and Outreach

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