# Farm level data for research analysis

StatCan CDER Socio-Economic Workshop

Martin S. Beaulieu
Agriculture Division

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 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)





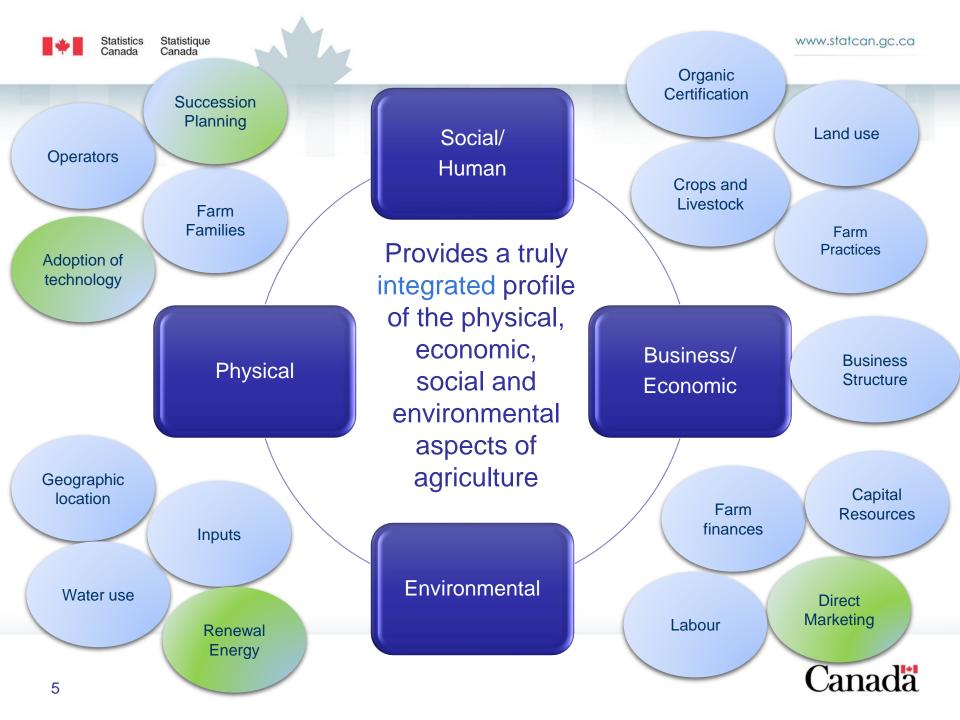




## **Census of Agriculture - Scope**

- 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











#### 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 onfarm 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**

Martin S. Beaulieu martin-s.beaulieu@canada.ca

