

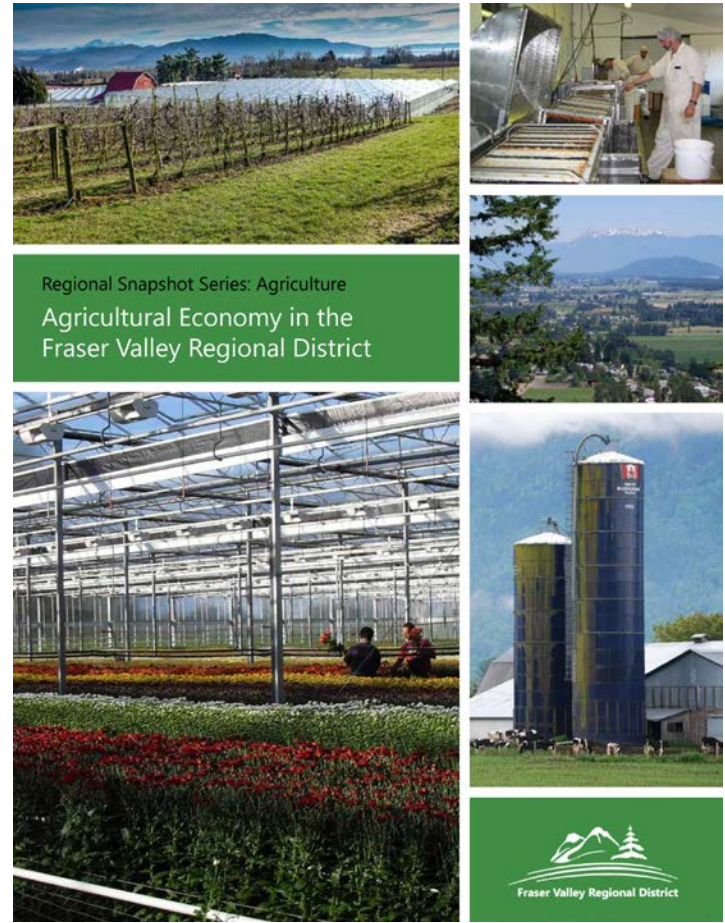


Agricultural Economy in the Fraser Valley Regional District

Update

The Agricultural Economy

- Looks at Agriculture from an economic perspective rather than merely an inventory of agricultural commodities.
- Agriculture is a 21st Century industry and is as relevant today as in the past and that the FVRD is well positioned to be recognized as a centre of excellence for agriculture.
- Includes updates from the 2016 Census of Agriculture, Agricultural Land Use Inventories, Regional Adaptation Strategies and Freshet Flooding report.



High Level Overview

- 2,576 farms reporting in the FVRD
- Total farm area: 61,236 Hectares
- Of total Lower Mainland farm area, 61% located within FVRD



Source: Stats Can, 2016

Economic Driver

- The FVRD is #1 in B.C for total gross farm receipts **\$1.5 billion**
- **31%** increase from 2011
- \$500 million more than Metro Vancouver & \$162 million more than the rest of B.C combined

Source: Stats Can, 2016



Economic Driver Farm Receipts

Provincial Gross Farm Receipts (2015)

Source: Statistics Canada, 2016 Census of Agriculture



Source: Stats Can, 2016

Economic Driver Gross Farm Receipts

2015 Gross Farm Receipts

Census Consolidated Subdivision	Gross Farm Receipts
FVRD (CD)	\$ 1,468,505,390
Abbotsford (CCS)	\$ 853,070,776
Fraser Valley B (CCS)	\$ 4,132,981
Fraser Valley D (CCS)	\$ 71,643,455
Fraser Valley E (CCS)	\$ 461,756,656
Fraser Valley F (CCS)	\$ 11,419,651
Fraser Valley G (CCS)	\$ 66,481,871

Economic Driver Operating Expenses

FVRD Farm Business Operating Expenses (2010 and 2015)

	Dollar Amount
Total farm business operating expenses (2015)	\$1,222,076,351
Total farm business operating expenses (2010)	\$950,128,254
Breakdown of Selected Components (2010)*	Percentage
Total feed, supplement and hay purchases	23.4%
Total wages and salaries	18.2%
Livestock and poultry purchases	13.4%
Custom work, contract work and hired trucking	3.8%
All fuel expenses (diesel, gasoline, natural gas etc.)	3.7%
Seed and plant purchases (excluding material purchased for resale)	3.4%
Fertilizer and lime purchases	3.2%
Repairs and maintenance to farm machinery, equipment and vehicles	2.7%
Electricity, telephone and all other telecommunications services	2.2%
Repairs and maintenance to farm buildings and fences	1.7%
Rental and leasing of land and buildings	1.5%
Veterinary services, drugs, semen, breeding fees, etc.	1.5%
Purchases of herbicides, insecticides, fungicides, etc.	0.9%
Rental and leasing of farm machinery, equipment and vehicles	0.3%

* Detail has been terminated in the 2016 Census of Agriculture. 2010 detail data is included to give context.

Economic Driver

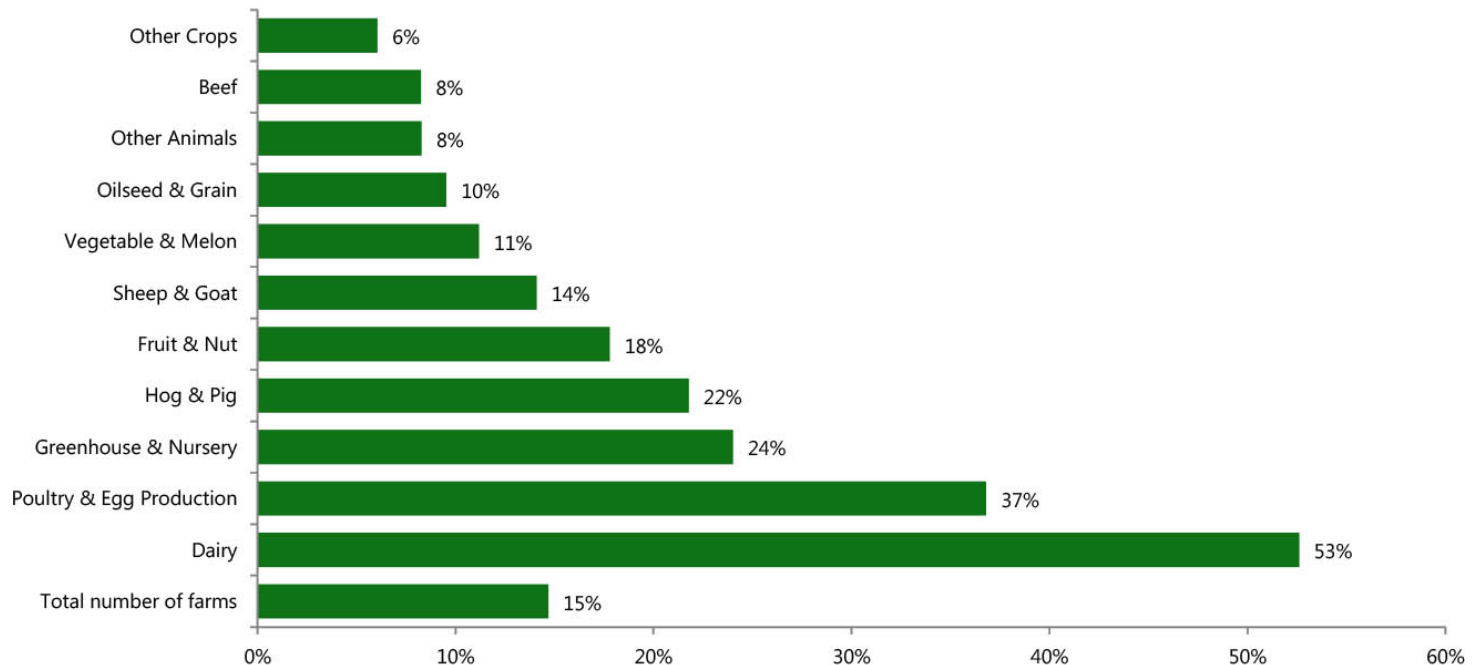
- Generating est. \$3.1 + Billion of economic activity in the FVRD
- Creating 18,000 + direct and indirect FTE jobs.
- Supporting industries including food processors, transporters, wholesalers, suppliers (goods and services), retailers, manufacturers, and other food services.



Diverse Industry

FVRD Farms Classified by Industry Group % of Classified Provincial Farms (NAICS classification*)

Source: Statistics Canada, 2016 Census of Agriculture



* North American Industry Classification System (NAICS): Standard used by Statistics Canada in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to Canada's business economy.

Challenges

- Climate Change Adaptation
 - Wetter winters
 - Drier/hotter summers
- Increasing land costs
- Internal/external economic pressures
 - Costs of goods & services
 - Labour force
 - Commodity prices



DRIER, WARMER SUMMERS

- Increased drought risk
- Disrupts flowering and pollination
- Increased pest and disease pressures

WETTER WINTERS

- Flood risk
- Erosion and nutrient leeching
- Crop damage



Agriculture: a 21st Century Industry

- Region a centre for agricultural research since **1886**
- Pacific Agri-Food Research Centre
- UBC Dairy Education and Research Centre
- Abbotsford Agriculture Centre + Animal Health Centre
- UFV Centre of Excellence
- Highly innovative and entrepreneurial agriculture sector



