

APPENDIX A: AGRICULTURE AND FORESTRY STATISTICS

Alberta Agriculture and Agri-Food Industry

Household Food Expenditure		2013 (r)	2014 (p)	% Change
Annual Average Household Food Expenditure	Average Household Expenditure on Food	\$9,328	\$8,740	-6.3
	% of Total Average Household Expenditure	9.2%	8.7%	

Note: Expenditure data for 2015 are not yet available.

Agri-Food Industry		2014 (r)	2015 (p)	% Change
Real Gross Domestic Product (GDP) in 2007 Dollars	- Agri-Food Industries	\$5.43	\$5.41	-0.2
	- Agriculture Industries	\$3.15	\$3.01	-4.3
	- Food Manufacturing Industries	\$2.28	\$2.40	5.4
Employed Labour Force	Agri-Food Industries (Number of Persons)	86,100	89,200	3.6
	% of Total Alberta Employment	3.8%	3.9%	
	- Agriculture Industries	60,600	62,800	3.6
	- Food and Beverage Manufacturing Industries	25,500	26,400	3.5
	% of Total Manufacturing Industries	17.6%	18.9%	
Farm Income	Total Farm Cash Receipts (\$ Billions)	\$12.90	\$13.55	5.1
	- Crops	\$5.95	\$6.12	2.8
	% of Total Cash Receipts	46.1%	45.1%	
	- Livestock and Livestock Products	\$6.40	\$6.79	6.0
	% of Total Cash Receipts	49.6%	50.1%	
	- Supply Management (Dairy, Poultry and Eggs)	\$0.87	\$0.89	2.9
	% of Livestock and Livestock Products	13.5%	13.1%	
	- Direct Program Payments	\$0.55	\$0.65	18.9
	% of Total Cash Receipts	4.3%	4.8%	
	Farm Operating Expenses (After Rebates) (\$ Billions)	\$10.11	\$10.35	2.3
	Net Cash Farm Income (\$ Billions)	\$2.78	\$3.21	15.2
Realized Net Income (\$ Billions)	\$1.19	\$1.50	26.1	
Total Net Income (\$ Billions) ⁽¹⁾	\$0.36	\$0.83	132.9	
Food and Beverage Manufacturing Industries Value of Sales	Food and Beverage Industries (\$ Billions)	\$13.69	\$14.63	6.9
	% of Total Alberta Manufacturing Sales	17.3%	21.5%	
	Top Three Largest Food Manufacturing Sales Groups in 2015:			
	1. Meat Products (Includes Poultry)	\$7.02	\$7.66	9.2
	2. Grain and Oilseed Milling	\$1.62	\$1.62	0.0
	3. Dairy Products Manufacturing	\$1.39	\$1.45	4.1
Agri-Food Exports to All Countries	Total Agri-Food Exports (\$ Billions)	\$9.74	\$10.18	4.5
	- Primary Commodities (Animals and Crops)	\$5.48	\$5.38	-1.8
	- Value Added Products	\$4.27	\$4.80	12.5
	Top Three Markets in 2015 (% Share of Total)			
	1. United States (39.3%)	\$3.94	\$4.00	1.6
	2. China (15.6%)	\$1.33	\$1.59	19.5
3. Japan (10.8%)	\$1.20	\$1.10	-8.1	
		\$5.97	\$6.02	0.8

Agri-Food Industry		2014 (r)	2015 (p)	% Change
Value of Farm Capital	Total Value of Farm Capital at July 1 (\$ Billions)	\$127.70	\$140.61	10.1
	- Livestock and Poultry	\$8.52	\$10.79	26.6
	- Land and Buildings	\$106.40	\$116.33	9.3
	- Machinery and Equipment	\$12.78	\$13.50	5.6
Production of Top Three Major Field Crops	1. All Wheat (tonnes)	9,348,900	8,290,000	-11.3
	% of Canada	31.8%	30.0%	
	2. Canola (tonnes)	5,796,900	5,443,100	-6.1
	% of Canada	35.3%	31.6%	
	3. Barley (tonnes)	4,131,300	4,289,200	3.8
% of Canada	58.0%	52.1%		
Meat Production Quantity	Beef – Western Canada ⁽²⁾ (tonnes)	771,739	758,630	-1.7
	Pork – Alberta (tonnes)	221,995	242,189	9.1
Number of Livestock Slaughtered ⁽³⁾	Cattle and Calves – Western Canada ⁽²⁾ (Head)	2,122,774	2,013,571	-5.1
	Hogs – Alberta (Head)	2,509,468	2,673,257	6.5
Livestock Inventory on Farms on January 1st		01/01/2015	01/01/2016	
	Cattle and Calves (Head)	4,905,000	4,925,000	0.4
	% of Canada	41.1%	41.2%	
	Hogs (Head)	1,480,000	1,505,000	1.7
	% of Canada	11.2%	11.3%	
	Sheep and Lambs (Head)	145,000	135,000	-6.9
% of Canada	17.2%	16.3%		
Census of Agriculture – Alberta		2006	2011	% Change
Rural Population	Total Population of Alberta	3,290,350	3,645,257	10.8
	- Rural Population	590,499	614,855	4.1
	% of Total Population	17.9%	16.9%	
	- Population Centres (Urban) Population	2,699,851	3,030,402	12.2
Number of Farms	Number of Farms	49,431	43,234	-12.5
	% of Canada	21.6%	21.0%	
Farmland Area	Total Farmland Area (Acres)	52,127,857	50,498,834	-3.1
	% of Canada	31.2%	31.5%	
Land Area in Crops	Land Area in Crops (Acres)	23,775,509	24,102,289	1.4
	% of Canada	26.8%	27.6%	
Average Farm Size	Average Farm Size (Acres)	1,055	1,168	10.7
Farm Operators	Number of Farm Operators	71,660	62,050	-13.4
	Average Age of Farm Operators	52.2 years	54.5 years	
	% Distribution By Age Group:			
	- Under 35 years	8.8%	7.3%	
	- 35 to 54 years	50.1%	43.1%	
	- 55 years and over	41.1%	49.6%	
Farms by Type ⁽⁴⁾	Top Five Farm Types (Number of Farms):			
	1. Grain and Oilseed	12,562	12,692	1.0
	2. Beef Cattle (Including Feedlots)	20,494	12,022	-41.3
	3. Other Crops (Excluding Grain and Oilseed)	5,361	9,385	75.1
	4. Other Animals (Excluding Beef Cattle)	7,414	6,374	-14.0
	5. Greenhouse, Nursery, Floriculture and Mushroom	910	826	-9.2

Census of Agriculture – Alberta		2006	2011	% Change
	% of Total Number of Farms:			
Farms by Sales Class ⁽⁵⁾	- Under \$10,000	19.8%	17.8%	
	- \$10,000 to \$24,999	17.6%	18.2%	
	- \$25,000 to \$99,999	29.6%	27.7%	
	- \$100,000 to \$499,999	26.6%	26.0%	
	- \$500,000 and Over	6.4%	10.3%	
Land Area Seeded Using No-Till Practices	Total Land Area Prepared for Seeding (Acres)	18,726,144	19,945,813	6.5
	No-Till or Zero-Till Seeding Area	8,950,836	12,924,625	44.4
	% of Total Land Area Prepared for Seeding	47.8%	64.8%	
Irrigation Area	Irrigated Farmland (Acres)	1,325,929	1,241,411	-6.4
	% of Canadian Irrigated Area	63.5%	65.2%	

r – revised p – preliminary, subject to revision.

Note: Per cent changes shown are based on unrounded data. Data shown in this table are current as May 31, 2016.

- ⁽¹⁾ Realized net income adjusted for inventory change.
- ⁽²⁾ Western Canada data only; breakdown for Alberta are unavailable.
- ⁽³⁾ Federally and provincially inspected slaughter, irrespective of origin.
- ⁽⁴⁾ Farms are classified by the commodity or groups of commodities that make up the majority of total farm cash receipts; based on the North American Industry Classification System (NAICS).
- ⁽⁵⁾ Farms are classified by the gross farm cash receipts of the operation in the previous calendar year, or for the complete accounting (fiscal) year (2005 and 2010).

Sources: Statistics Canada; Alberta Agriculture and Forestry; Agriculture and Agri-Food Canada; and Census data for 2006 and 2011 are from the Census of Population and Census of Agriculture.

More detailed statistical information can be found on the Statistics page on the ministry website www.agric.gov.ab.ca

Forest Industry

Alberta Forest Industry Statistics		2014	2015	% Change
Real Gross Domestic Product (GDP) in 2007 Dollars (\$ billions) ^A	Forestry & logging industries	\$0.62	\$0.65	4.8%
	Wood products manufacturing	\$1.40	\$1.34	-4.3%
	Pulp & paper manufacturing	\$0.56	\$0.62	10.7%
Employment (Number of Persons) ^B	Forestry & logging industries	3,470	3,639	4.9%
	Wood products manufacturing	12,013	10,394	-13.5%
	Pulp and Paper manufacturing	3,518	3,393	-3.6%
Capital Expenditures in 2007 Dollars (\$ millions) ^C	Forestry & logging industries	\$54.80	\$48.30	-11.9%
	Wood products manufacturing	\$186.40	\$126.00	-32.4%
	Pulp & paper manufacturing	\$154.10	\$104.10	-32.4%
Industry Revenues (\$ billions) ^D	Forestry & logging industries	x	x	
	Wood products manufacturing	\$3.68	\$3.47	-5.7%
	Pulp & paper manufacturing	\$1.53	\$1.69	10.5%
Top Three Export Markets for Wood Products (\$ millions)	United States	\$900.62	\$1,033.57	14.8%
	Japan	\$38.66	\$33.85	-12.5%
	China	\$4.39	\$1.04	-76.3%
Top Three Export Markets for Pulp & Paper Products (\$ millions) ^E	United States	\$810.47	\$815.30	0.6%
	China	\$353.25	\$511.81	44.9%
	Japan	\$168.45	\$168.78	0.2%

Note: Results current as at June 2, 2016.

1. Capital expenditures and domestic revenues for forestry & logging industries do not include support activities for forestry, as the data is not reported at that level.
2. Forestry & logging industries refers to harvesting, silviculture, reforestation, pest control, and other related activities.
3. Wood products manufacturing refers to solid wood products, such as lumber, panels (OSB, plywood), engineered, and other wood products.
4. Pulp and paper manufacturing refers to pulp wood products such as chemical and mechanical pulp, newsprint, and other paper products.
5. Industry revenues include all sales made domestically and internationally.
- x. Confidential

Sources:

- A. Statistics Canada: System of National Accounts (SNA)
- B. Statistics Canada: Survey of Employment, Payroll, & Hours (SEPH)
- C. Statistics Canada: Annual Capital and Repair Expenditures Survey (CAPEX)
- D. Statistics Canada: Annual Survey of Manufacturing & Logging
- E. Statistics Canada: Canadian International Merchandise Trade Database