

# ALBERTA AGRI-FOOD INDUSTRIES DATA AND TRENDS



OCTOBER, 2017

Presenting current key statistics and highlights on  
Alberta's dynamic agriculture and food industries

ALBERTA AGRICULTURE AND FORESTRY, ECONOMICS AND COMPETITIVENESS BRANCH  
STATISTICS AND DATA DEVELOPMENT SECTION

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	2012	2013	2014	2015	2016p	% Chg. '16/'15
<b>Employed Labour Force - All Industries (Persons Aged 15 Years+)</b> .....	<b>2,172,500</b>	<b>2,226,200</b>	<b>2,274,600</b>	<b>2,301,100</b>	<b>2,263,800</b>	<b>-1.6</b>
Agri-Food Industries.....	75,800	90,700	86,100	89,200	73,200	-17.9
Agriculture Industries.....	56,300	63,400	60,600	62,800	50,800	-19.1
Cattle Ranching and Farming.....	17,000	17,600	16,500	17,600	16,600	-5.7
Crop Production.....	22,100	26,900	24,800	18,600	20,500	10.2
Other Agriculture Production and Support Activities.....	17,200	18,900	19,300	26,600	13,700	-48.5
Food and Beverage Manufacturing Industries.....	19,500	27,400	25,500	26,400	22,400	-15.2
<b>Employee Wages - Average Hourly Rate (Dollars)</b>						
All Industries (Permanent and Temporary Employees).....	26.68	27.68	28.12	29.06	29.61	1.9
Agriculture Industries.....	18.21	16.24	17.64	19.51	20.57	5.4
<b>Real Gross Domestic Product (2007=100) (1) (\$ Millions)</b>						
All Industries.....	280,280.4	296,431.8	311,083.3	299,602.7	288,113.1	-3.8
Agri-Food Industries.....	5,451.9	6,175.7	6,081.0	6,100.8	6,574.7	7.8
Agriculture Industries.....	2,867.0	3,539.3	3,350.5	3,243.7	3,685.9	13.6
Food and Beverage Manufacturing Industries.....	2,584.9	2,636.4	2,730.5	2,857.1	2,888.8	1.1
<b>Farm Cash Receipts (\$ Thousands)</b> .....	<b>11,945,828</b>	<b>11,844,104</b>	<b>12,895,824</b>	<b>13,592,562</b>	<b>13,490,467</b>	<b>-0.8</b>
Farm Market Receipts (Crops and Livestock).....	11,174,222	11,147,742	12,346,605	12,939,929	12,794,046	-1.1
Crops Farm Market Receipts.....	6,476,214	6,365,528	5,942,303	6,164,439	6,672,149	8.2
Wheat (Including Durum).....	2,104,347	2,243,959	1,919,786	1,982,908	1,896,527	-4.4
Canola.....	3,076,848	2,575,760	2,513,462	2,641,074	2,850,077	7.9
Barley.....	303,318	469,441	330,317	362,939	268,291	-26.1
Livestock Farm Market Receipts.....	4,698,008	4,782,214	6,404,302	6,775,490	6,121,897	-9.6
Cattle and Calves.....	3,254,744	3,319,944	4,812,959	5,223,505	4,577,514	-12.4
Hogs.....	412,639	419,089	498,097	411,752	395,833	-3.9
Program Payments to Producers.....	771,606	696,362	549,219	652,633	696,422	6.7
Farm Operating Expenses (\$ Thousands) (2).....	9,313,149	9,536,957	10,118,620	10,344,832	9,982,307	-3.5
Net Cash Income (\$ Thousands).....	2,632,679	2,307,146	2,777,203	3,247,731	3,508,161	8.0
Realized Net Farm Income (\$ Thousands).....	1,186,878	788,755	1,186,358	1,542,904	1,774,379	15.0
Total Net Farm Income (\$ Thousands).....	668,897	2,515,890	409,003	1,301,266	2,082,433	60.0
<b>Manufacturing Sales - All Industries (\$ Thousands)</b> .....	<b>72,689,251</b>	<b>74,451,637</b>	<b>79,219,631</b>	<b>69,607,087</b>	<b>62,703,230</b>	<b>-9.9</b>
Food and Beverage Manufacturing Industries.....	12,600,304	11,971,018	12,265,062	13,329,721	14,537,573	9.1
Food Industries.....	11,376,224	10,729,973	11,048,400	12,064,072	13,559,064	12.4
Meat Products Industries (Including Poultry).....	5,962,034	5,692,078	5,968,960	6,775,645	7,309,316	7.9
Grain and Oilseed Milling Industries.....	1,764,561	1,773,598	1,724,299	1,631,254	1,754,740	7.6
All Other Food Industries.....	3,649,629	3,264,297	3,355,141	3,657,173	4,495,008	22.9
Beverage Industries.....	1,224,080	1,241,045	1,216,662	1,265,649	978,509	-22.7
<b>Number of Livestock Slaughtered (Head)</b>						
Cattle and Calves (Total for Western Canada).....	2,015,877	2,035,537	2,122,774	2,013,571	2,111,909	4.9
Hogs (Total for Alberta Only).....	2,406,048	2,358,033	2,509,468	2,673,257	2,619,485	-2.0
<b>Agri-Food Exports to All Countries (\$ Thousands)</b> .....	<b>9,209,942</b>	<b>8,711,642</b>	<b>9,754,059</b>	<b>10,181,765</b>	<b>9,991,742</b>	<b>-1.9</b>
Animals and Crops.....	5,529,191	5,060,670	5,476,136	5,379,581	4,955,804	-7.9
Value Added Products.....	3,680,751	3,650,973	4,277,923	4,802,184	5,035,938	4.9
<b>Top Five Products in 2016 - Total</b> .....	<b>6,219,593</b>	<b>5,807,145</b>	<b>6,434,710</b>	<b>6,706,217</b>	<b>6,512,026</b>	<b>-2.9</b>
1. Canola Seed.....	1,872,995	1,615,906	1,766,656	1,677,209	1,841,741	9.8
2. Wheat.....	2,276,110	2,307,003	2,339,479	2,423,187	1,818,782	-24.9
2. Beef (Fresh/ Frozen/Chilled; Includes Offal).....	852,153	961,703	1,428,935	1,696,488	1,670,608	-1.5
4. Live Cattle (Excluding Purebred).....	588,306	477,928	714,747	585,111	622,529	6.4
5. Crude Canola Oil.....	630,030	444,606	184,893	324,222	558,366	72.2
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016p</b>	<b>% Chg. '16/'15</b>
<b>Population of Alberta on July 1</b> .....	<b>3,880,755</b>	<b>3,996,620</b>	<b>4,108,283</b>	<b>4,179,660</b>	<b>4,252,879</b>	<b>1.8</b>
<b>Production of Principal Field Crops (tonnes)</b>						
All Wheat.....	8,368,800	11,301,800	9,348,900	8,290,000	9,898,200	19.4
Barley.....	4,463,300	5,545,400	4,131,300	4,289,200	4,398,000	2.5
Canola.....	5,097,200	6,168,900	5,796,900	5,851,300	5,783,300	-1.2
<b>Number of Livestock on Farms (Head)</b>						
Cattle and Calves as of July 1.....	5,460,000	5,535,000	5,455,000	5,320,000	5,375,000	1.0
Hogs as of July 1.....	1,395,000	1,440,000	1,475,000	1,460,000	1,475,000	1.0

p - preliminary, subject to revision % Chg. - Per Cent Change

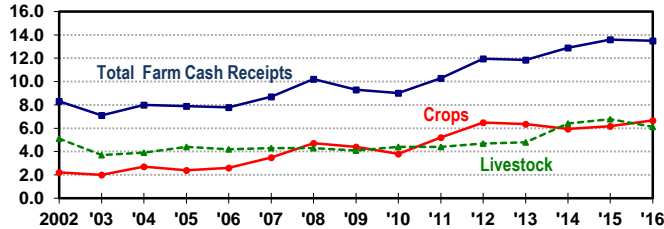
(1) Gross Domestic Product at Basic Prices in Chained (2007) Dollars.

(2) After rebates and before depreciation.

# ALBERTA AGRI-FOOD INDUSTRIES DATA AND TRENDS.....Continued

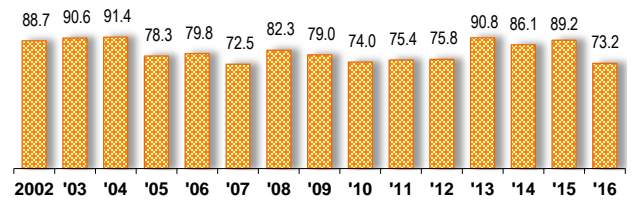
Price Indices and Financial Rates	Annual averages					% Chg. '16/'15
	2012	2013	2014	2015	2016	
Alberta Farm Product Price Index (FPPI) - Total (2007=100).....	128.8	135.0	138.3	154.6	142.3	-8.0
Crops.....	129.4	135.5	107.8	117.6	120.5	2.5
Livestock and Animal Products.....	130.1	136.3	173.1	197.0	165.8	-15.8
Alberta Consumer Price Index (CPI) - Food (2002=100).....	128.1	130.8	134.6	139.6	141.5	1.4
Canada Consumer Price Index (CPI) - Food (2002=100).....	130.8	132.4	135.5	140.5	142.6	1.5
Canada Bank Rate (%).....	1.25	1.25	1.25	0.88	0.75	-14.8
Canada Prime Business Loan Rate (%).....	3.00	3.00	3.00	2.78	2.70	-2.9
Exchange Rate - United States\$ Per Canadian\$.....	1.0006	0.9707	0.9052	0.7820	0.7544	-3.5

Alberta Farm Cash Receipts (\$ Billions)



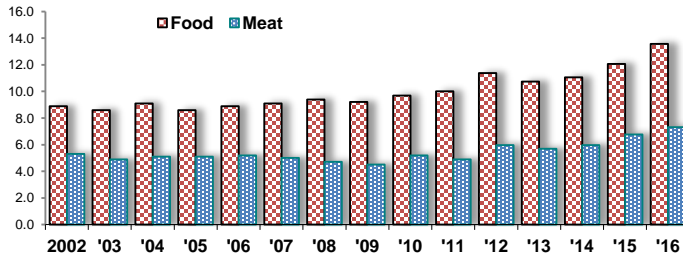
Alberta farm cash receipts totalled \$13.5 billion in 2016, down a marginal 0.8 per cent from the previous high set in 2015. Crop market receipts accounted for 49.5 per cent of the total, with livestock market receipts and direct program payments accounting for 45.4 per cent and 5.2 per cent, respectively.

Employment in Alberta Agri-Food Industries (Thousands of Persons)



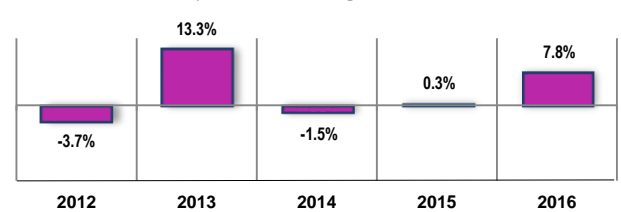
In 2016, Alberta agri-food industries employed 73,200 persons or 3.2% of total employment in the province (2,263,800). Agriculture industries employed 50,800 persons with cattle ranching and farming workers representing the largest segment at 32.7% (or 16,600). At 22,400, food and beverage workers accounted for the largest proportion (19.4%) of total manufacturing employment (115,500) in the province.

Alberta Food Manufacturing Sales (\$ Billions)



Alberta food manufacturing sales totalled \$13.6 billion in 2016. Sales increased 12.4% over 2015. Meat products (including poultry) continues to be the largest food segment, accounting for 53.9% of food sales (or \$7.3 billion) in 2016. Grain and oilseed milling ranked second at 12.9% (or \$1.8 billion) and dairy products third at 11.5% (or \$1.6 billion).

Real Gross Domestic Product (GDP) for Alberta Agri-Food Industries, Per Cent Change From Previous Year

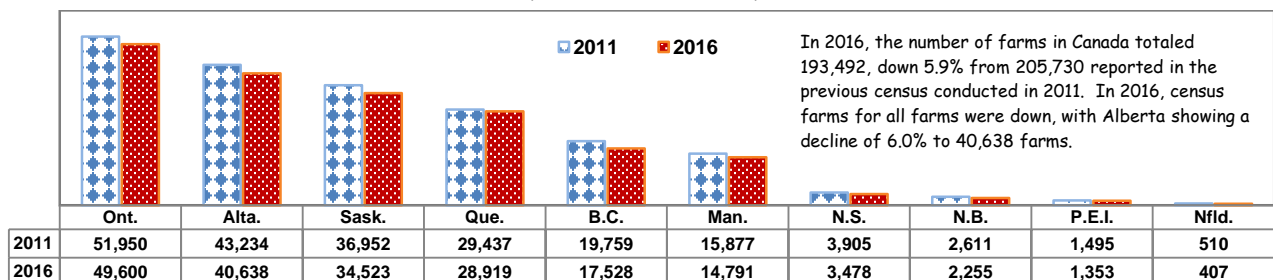


In 2016, Alberta's real GDP for agri-food industries rose 7.8% to a record \$6.6 billion, marking the second consecutive year of growth. GDP for agriculture industries was up 13.6% to \$3.7 billion, while for food and beverage manufacturing, it increased 1.1% to \$2.9 billion.

Census of Agriculture and Census of Population, 2011 and 2016

	2011	2016		2011	2016
<b>Number of Farms in Alberta</b>	<b>43,234</b>	<b>40,638</b>	<b>Total Population of Alberta</b>	<b>3,645,257</b>	<b>4,067,175</b>
Beef Cattle Ranching and Farming (Including Feedlots)	12,022	12,282	Urban Population	3,030,402	3,399,372
Hog and Pig Farming	193	166	Rural Population	614,855	667,803
Oilseed and Grain Farming	12,692	13,451	<b>Number of Farm Operators</b>	<b>62,050</b>	<b>57,605</b>
Dairy Cattle and Milk Production	485	411	Under 35 Years	4,550	4,910
<b>Total Land Area of Farms (Acres)</b>	<b>50,498,834</b>	<b>50,250,183</b>	35 to 54 Years	26,720	20,155
Average Farm Size (Acres)	1,168	1,237	55 Years and Over	30,785	32,535
Land in Crops (Acres)	24,102,289	25,261,781	<b>Average Age of Operators</b>	<b>54.5 Years</b>	<b>55.7 Years</b>

Number of Farms, Canada and Provinces, 2011 and 2016



In 2016, the number of farms in Canada totalled 193,492, down 5.9% from 205,730 reported in the previous census conducted in 2011. In 2016, census farms for all farms were down, with Alberta showing a decline of 6.0% to 40,638 farms.