

# ALBERTA AGRI-FOOD INDUSTRIES DATA AND TRENDS



**JULY, 2016**

*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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	2011	2012	2013	2014	2015p	% Chg. '15/'14
<b>Employed Labour Force - All Industries (Persons Aged 15 Years+)</b> .....	<b>2,099,500</b>	<b>2,172,500</b>	<b>2,226,200</b>	<b>2,274,600</b>	<b>2,301,100</b>	<b>1.2</b>
Agri-Food Industries.....	75,400	75,800	90,800	86,100	89,200	3.6
Agriculture Industries.....	55,300	56,300	63,400	60,600	62,800	3.6
Cattle Ranching and Farming.....	20,000	17,000	17,600	16,500	17,600	6.7
Crop Production.....	17,200	22,100	26,900	24,800	18,600	-25.0
Other Agriculture Production and Support Activities.....	18,100	17,200	18,900	19,300	26,600	37.8
Food and Beverage Manufacturing Industries.....	20,100	19,500	27,400	25,500	26,400	3.5
<b>Employee Wages - Average Hourly Rate (Dollars)</b>						
All Industries (Permanent and Temporary Employees).....	25.46	26.68	27.68	28.12	29.06	3.3
Agriculture Industries.....	17.20	18.21	16.24	17.64	19.51	10.6
<b>Real Gross Domestic Product (2007=100) (1) (\$ Millions)</b>						
All Industries.....	269,508.4	280,280.4	293,748.1	306,883.2	294,693.1	-4.0
Agri-Food Industries.....	5,253.4	5,020.2	5,625.6	5,425.4	5,414.0	-0.2
Agriculture Industries.....	2,940.1	2,867.0	3,439.8	3,148.8	3,014.8	-4.3
Food Manufacturing Industries.....	2,313.3	2,153.2	2,185.8	2,276.6	2,399.2	5.4
<b>Farm Cash Receipts (\$ Thousands)</b> .....	<b>10,289,441</b>	<b>11,945,828</b>	<b>11,844,104</b>	<b>12,898,011</b>	<b>13,554,060</b>	<b>5.1</b>
Farm Market Receipts (Crops and Livestock).....	9,608,125	11,174,222	11,147,742	12,348,792	12,901,179	4.5
Crops Farm Market Receipts.....	5,189,051	6,476,214	6,365,528	5,946,753	6,115,691	2.8
Wheat (Including Durum).....	1,594,004	2,104,347	2,243,959	1,916,080	2,036,535	6.3
Canola.....	2,626,269	3,076,848	2,575,760	2,541,087	2,612,856	2.8
Barley.....	247,647	303,318	469,441	310,215	262,836	-15.3
Livestock Farm Market Receipts.....	4,419,074	4,698,008	4,782,214	6,402,039	6,785,488	6.0
Cattle and Calves.....	3,025,722	3,254,744	3,319,944	4,808,222	5,226,879	8.7
Hogs.....	416,649	412,639	419,089	498,097	411,749	-17.3
Program Payments to Producers.....	681,316	771,606	696,362	549,219	652,881	18.9
Farm Operating Expenses (\$ Thousands) (2).....	8,492,047	9,313,149	9,536,957	10,114,626	10,346,492	2.3
Net Cash Income (\$ Thousands).....	1,797,394	2,632,679	2,307,146	2,783,385	3,207,569	15.2
Realized Net Farm Income (\$ Thousands).....	413,124	1,186,878	788,755	1,192,350	1,502,989	26.1
Total Net Farm Income (\$ Thousands).....	939,560	668,897	2,515,890	357,049	831,406	132.9
<b>Manufacturing Sales - All Industries (\$ Thousands)</b> .....	<b>69,880,129</b>	<b>72,689,251</b>	<b>74,451,637</b>	<b>79,145,474</b>	<b>68,044,552</b>	<b>-14.0</b>
Food and Beverage Manufacturing Industries.....	11,073,295	12,600,304	11,971,018	12,328,241	14,633,671	18.7
Food Industries.....	10,010,670	11,376,224	10,729,973	11,041,808	13,630,907	23.4
Meat Products Industries (Including Poultry).....	4,921,250	5,962,034	5,692,078	5,959,876	7,663,376	28.6
Grain and Oilseed Milling Industries.....	1,667,619	1,764,561	1,773,598	1,724,156	1,623,224	-5.9
All Other Food Industries.....	3,421,801	3,649,629	3,264,297	3,357,776	4,344,307	29.4
Beverage Industries.....	1,062,625	1,224,080	1,241,045	1,286,433	1,002,764	-22.1
<b>Number of Livestock Slaughtered (Head)</b>						
Cattle and Calves (Total for Western Canada).....	2,211,271	2,015,877	2,035,537	2,122,774	2,013,571	-5.1
Hogs (Total for Alberta Only).....	2,507,035	2,406,048	2,358,033	2,509,468	2,673,257	6.5
<b>Agri-Food Exports to All Countries (\$ Thousands)</b> .....	<b>8,061,065</b>	<b>9,209,942</b>	<b>8,711,642</b>	<b>9,744,893</b>	<b>10,181,266</b>	<b>4.5</b>
Animals and Crops.....	4,520,345	5,529,191	5,060,670	5,476,265	5,378,661	-1.8
Value Added Products.....	3,540,720	3,680,751	3,650,973	4,268,628	4,802,605	12.5
Top Five Products in 2015 - Total.....	5,411,698	5,954,543	5,710,850	6,716,860	6,849,997	2.0
1. Wheat.....	1,915,327	2,276,110	2,307,003	2,339,479	2,422,649	3.6
2. Beef (Fresh/ Frozen/Chilled; Includes Offal).....	969,377	852,153	961,703	1,428,935	1,696,488	18.7
3. Canola Seed.....	1,651,859	1,872,995	1,615,906	1,766,655	1,676,864	-5.1
4. Live Cattle (Excluding Purebred).....	463,592	588,306	477,928	714,742	585,111	-18.1
5. Pork (Fresh/ Frozen/Chilled; Includes Offal).....	411,542	364,980	348,311	467,049	468,885	0.4
	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015p</b>	<b>% Chg. '15/'14</b>
<b>Population of Alberta on July 1</b> .....	<b>3,790,191</b>	<b>3,888,552</b>	<b>4,007,748</b>	<b>4,120,897</b>	<b>4,196,457</b>	<b>1.8</b>
<b>Production of Principal Field Crops (tonnes)</b>						
All Wheat.....	8,839,600	8,368,800	11,301,800	9,348,900	8,290,000	-11.3
Barley.....	4,668,000	4,463,300	5,545,400	4,131,300	4,289,200	3.8
Canola.....	5,347,900	5,097,200	6,168,900	5,796,900	5,443,100	-6.1
<b>Number of Livestock on Farms (Head)</b>						
Cattle and Calves as of July 1.....	5,455,000	5,460,000	5,535,000	5,455,000	5,300,000	-2.8
Hogs as of July 1.....	1,400,000	1,395,000	1,440,000	1,475,000	1,495,000	1.4

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

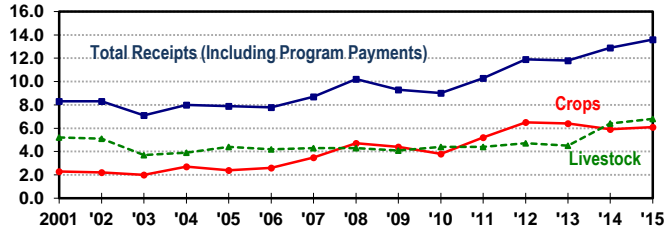
(1) Gross Domestic Product at Basic Prices in Chained (2007) Dollars.

(2) After rebates and before depreciation.

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

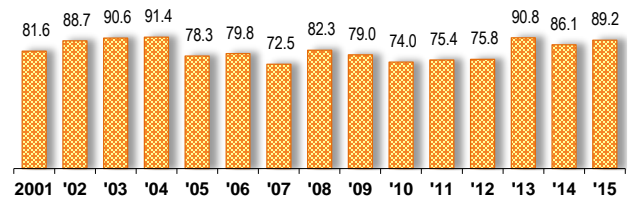
Price Indices and Financial Rates	Annual averages					% Chg. '15/'14
	2011	2012	2013	2014	2015	
<b>Alberta Farm Product Price Index (FPPI) - Total (2007=100).....</b>	<b>120.6</b>	<b>128.8</b>	<b>135.0</b>	<b>138.2</b>	<b>154.6</b>	<b>11.9</b>
Crops.....	119.8	129.4	135.5	107.6	117.2	8.9
Livestock and Animal Products.....	123.1	130.1	136.3	173.1	197.5	14.1
<b>Alberta Consumer Price Index (CPI) - All Items (2002=100).....</b>	<b>125.7</b>	<b>127.1</b>	<b>128.9</b>	<b>132.2</b>	<b>133.7</b>	<b>1.1</b>
<b>Canada Consumer Price Index (CPI) - All Items (2002=100).....</b>	<b>119.9</b>	<b>121.7</b>	<b>122.8</b>	<b>125.2</b>	<b>126.6</b>	<b>1.1</b>
Canada Bank Rate.....	1.25%	1.25%	1.25%	1.25%	0.88%	-29.6
Canada Prime Business Loan Rate.....	3.00%	3.00%	3.00%	3.00%	2.78%	-7.3
Exchange Rate - United States\$ Per Canadian\$.....	1.0108	1.0006	0.9708	0.9052	0.7820	-13.6

**Alberta Farm Cash Receipts (\$ Billions)**



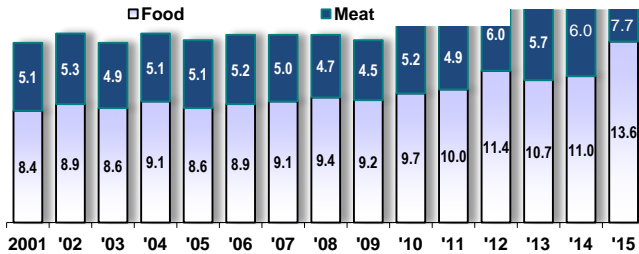
In 2015, Alberta farm cash receipts totalled a record \$13.6 billion, 5.1% from 2014. This marks the second consecutive year of growth. Fuelling most of the increase were record livestock market receipts (up 6.0%), coupled with higher crop market receipts (up 2.8%) and program payments to producers (up 18.9%).

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



In 2015, Alberta agri-food industries employed 89,200 persons or 3.9% of total employment in the province (2,301,100). Agriculture industries employed 62,800 persons with cattle ranching and farming workers representing the largest segment (17,600). At 26,400, food and beverage workers accounted for the largest proportion (18.9%) of total manufacturing employment (139,900) in the province.

**Alberta Food Manufacturing Sales (\$ Billions)**



Alberta food manufacturing sales totalled \$13.6 billion in 2015. Sales increased 23.4% over 2014 with higher activity reported in most food segments. Sales for meat products jumped 28.6% to reach a record \$7.7 billion, accounting for 56.2% of food sales. Animal foods including feed were up 14.4% while grain and oilseed milling sales declined 5.9%.

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

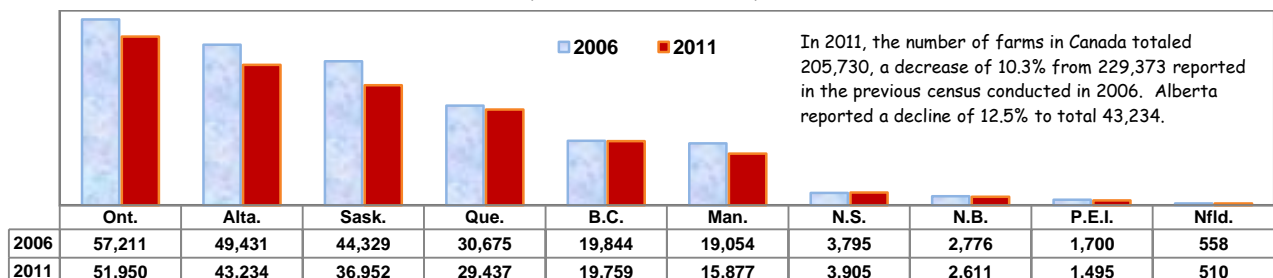


In 2015, Alberta's real GDP for agri-food industries was \$5.4 billion, practically unchanged from 2014. GDP for agriculture industries declined 4.3% to \$3.0 billion. Moderating the declines were food processing industries which reported an increase of 5.4% to \$2.4 billion.

**Census of Agriculture and Census of Population, 2006 and 2011**

	2006	2011		2006	2011
<b>Number of Farms in Alberta</b>	<b>49,431</b>	<b>43,234</b>	<b>Total Population of Alberta</b>	<b>3,290,350</b>	<b>3,645,257</b>
Beef Cattle Ranching and Farming Including Feedlots	20,494	12,022	Urban Population	2,699,851	3,030,402
Hog and Pig Farming	598	193	Rural Population	590,499	614,855
Oilseed, Wheat, Dry Pea, Bean, Corn and Other Grain Farming	12,559	12,688	<b>Number of Farm Operators</b>	<b>71,660</b>	<b>62,050</b>
Dairy Cattle and Milk Production	605	485	Under 35 Years	6,290	4,550
<b>Total Land Area of Farms (Acres)</b>	<b>52,127,857</b>	<b>50,498,834</b>	35 to 54 Years	35,935	26,720
Average Farm Size (Acres)	1,055	1,168	55 Years and Over	29,440	30,785
Land in Crops (Acres)	23,775,509	24,102,289	<b>Average Age of Operators</b>	<b>52.2 Years</b>	<b>54.5 Years</b>

**Number of Farms, Canada and Provinces, 2006 and 2011**



In 2011, the number of farms in Canada totalled 205,730, a decrease of 10.3% from 229,373 reported in the previous census conducted in 2006. Alberta reported a decline of 12.5% to total 43,234.