

# Agriculture Statistics Yearbook 2016



*Alberta*   
Government

Published by:

Alberta Agriculture and Forestry  
Economics and Competitiveness Branch  
Statistics and Data Development Section  
J. G. O'Donoghue Building  
302, 7000 - 113 Street  
Edmonton, Alberta, CANADA, T6H 5T6

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ISSN 0380-5050 (Print)  
ISSN 1927-4106 (Online)

ISBN 978-1-4601-3538-9 (Print)  
ISBN 978-1-4601-3539-6 (PDF)

This publication is available online at: <http://agriculture.alberta.ca/stats-yearbook>

See the website [www.agriculture.alberta.ca/publications](http://www.agriculture.alberta.ca/publications) for other information products.

# Agriculture Statistics Yearbook 2016

42nd Edition

September 2017

Alberta Agriculture and Forestry  
Economics and Competitiveness Branch  
Statistics and Data Development Section

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## Symbols

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p	preliminary
r	revised
x	confidential
-	not available
...	figure not appropriate or applicable
'000	thousands
\$'000	thousands of dollars
bu.	bushel
Cwt.	100 pounds
Head	number of head
hl	hectolitre
kg	kilogram
lbs.	pounds
n.e.c.	not elsewhere classified
No.	number
Chg.	change
<b>T</b>	terminated

## Metric Conversion Factors

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### Imperial To Metric

1 acre	= 0.404687 hectares = 43,560 square feet
1 square mile	= 640 acres = 259 hectares (640 acres = 1 section)
1 mile	= 1,760 yards = 1.6093 kilometres
1 bushel	= 8 gallons = 0.035239 cubic metres
1 pound	= 0.453592 kilograms
1 short ton	= 2,000 pounds = 907.184872 kilograms
1 long ton	= 2,240 pounds = 1,016.047057 kilograms

### Metric To Imperial

1 hectare	= 2.471044 acres
1 square kilometre	= 100 hectares = 247.1 acres (247.1044 acres = 0.386 of a section)
1 metre	= 39.36 inches = 3.28 feet
1 cubic metre	= 28.377650 bushels
1 kilogram	= 2.204622 pounds
1 tonne	= 2,204.6 pounds = 1.102311 tons
1 litre	= 0.87988 quarts = 0.21997 gallons

## Weight Equivalents of Selected Commodities

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Wheat	1 bushel = 0.027216 tonne	Mixed Grain	1 bushel = 0.020412 tonne
	1 tonne = 36.744 bushels		1 tonne = 48.992 bushels
Oats	1 bushel = 0.015422 tonne	Rye, Corn	1 bushel = 0.0254 tonne
	1 tonne = 64.842 bushels	& Flaxseed	1 tonne = 39.368 bushels
Barley	1 bushel = 0.021773 tonne	Canola	1 bushel = 0.02268 tonne
	1 tonne = 45.930 bushels		1 tonne = 44.092 bushels

## INTRODUCTION

The **Agriculture Statistics Yearbook** is compiled by the Statistics and Data Development Section of Alberta Agriculture and Forestry to serve as a reference document and a principal source of information for users of statistics on the Alberta agri-food industry. The dynamic trends occurring in the primary agricultural industry and the food and beverage processing sector are presented in the Yearbook's statistical tables and charts, to provide both a current and historical perspective. For purposes of comparison, a number of tables and charts provide information for Canada and other provinces, in addition to Alberta.

Individual sections of the Yearbook present information on identifiable industry sectors such as crops, livestock and food and beverages, and industry measures and indicators such as farm income, agri-food exports and economic indicators. Together, the sections constitute a reliable representation of the performance of Alberta's agri-food industry. Featured topics of major significance and importance to the agri-food industry include farm cash receipts, net farm income, input costs, population, gross domestic product, employment, investment expenditures, food expenditures, food and beverage processing activity measures, commodity prices, exports of primary commodities and value added processed products, production and inventory of livestock, and crop estimates (production and acreage).

Statistical tables are presented on a calendar year basis, unless otherwise specified. Tables and charts have been updated to include data for the 2016 reference year, where available. Data were compiled from a variety of sources, with the majority produced by the Agriculture Division of Statistics Canada in collaboration with Alberta Agriculture and Forestry. We gratefully acknowledge the assistance of Agriculture and Agri-Food Canada, as well as other federal and provincial departments and agencies who provided data for inclusion in this publication. Special appreciation is extended to all agricultural producers and processors who responded to our surveys or supplied other information to surveys conducted by Statistics Canada.

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Alberta Agriculture and Forestry has produced the Yearbook since the early 1970's as a service to government, policy makers, agri-businesses, farm organizations, market researchers, academic institutions and the agricultural community at large. We hope you find this edition informative and useful. Also, any comments or suggestions regarding the Yearbook would be greatly appreciated.

The **Agriculture Statistics Yearbook** may be viewed on-line by visiting the Alberta Agriculture and Forestry website at:

<http://agriculture.alberta.ca/stats-yearbook>

**Note:** *Data presented in the Yearbook were current as of August 2017. Users are advised that components of some statistical tables may not add up to their totals due to rounding.*

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Alberta Census Divisions and  
Census Consolidated Subdivisions

Government of Alberta ■  
Agriculture and Forestry

## Number of Farms in Alberta by Census Division - 2016 Census of Agriculture

	No. of Farms		No. of Farms		No. of Farms
<b>Census Division 1</b>		<b>Census Division 9</b>		<b>Census Division 16</b>	
<b>(Medicine Hat).....</b>	<b>1,303</b>	<b>(Rocky Mountain House).....</b>	<b>1,013</b>	<b>(Fort McMurray).....</b>	<b>6</b>
Cypress County.....	805	Clearwater County.....	1,013	Wood Buffalo.....	6
Forty Mile County No. 8.....	498			Improvement District No. 24 (1).....	n/a
<b>Census Division 2</b>		<b>Census Division 10</b>		<b>Census Division 17</b>	
<b>(Lethbridge).....</b>	<b>2,669</b>	<b>(Camrose/Vermilion).....</b>	<b>4,431</b>	<b>(Fort Vermilion).....</b>	<b>1,961</b>
Lethbridge County.....	906	Beaver County.....	631	Big Lakes County.....	306
Newell County.....	668	Camrose County.....	962	Clear Hills.....	390
Taber.....	633	Lamont County.....	689	Lesser Slave River No.124.....	131
Warner County No. 5.....	462	Minburn County No. 27.....	594	Mackenzie County.....	610
		Two Hills County No. 21.....	503	Northern Lights County.....	375
		Vermilion River County.....	1,052	Northern Sunrise County.....	149
<b>Census Division 3</b>		<b>Census Division 11</b>		<b>Census Division 18</b>	
<b>(Pincher Creek).....</b>	<b>1,709</b>	<b>(Edmonton).....</b>	<b>4,589</b>	<b>(Valleyview).....</b>	<b>534</b>
Cardston County.....	475	Brazeau County.....	426	Greenview No. 16.....	534
Pincher Creek No. 9.....	439	Edmonton.....	133		
Willow Creek No. 26.....	795	Leduc County.....	1,088	<b>Census Division 19</b>	
		Parkland County.....	679	<b>(Grande Prairie/Fairview)</b>	<b>2,423</b>
<b>Census Division 4</b>		Strathcona County.....	579	Birch Hills County.....	182
<b>(Oyen/Hanna).....</b>	<b>1,192</b>	Sturgeon County.....	730	Fairview No. 136.....	202
Special Area No. 2.....	460	Wetaskiwin County No. 10.....	954	Grande Prairie County No. 1.....	1,113
Special Area No. 3.....	448			Peace No. 135.....	129
Special Area No. 4.....	284	<b>Census Division 12 (2)</b>		Saddle Hills County.....	381
		<b>(Bonnyville/St. Paul).....</b>	<b>1,987</b>	Smoky River No. 130.....	306
<b>Census Division 5</b>		Bonnyville No. 87.....	650	Spirit River No.133.....	110
<b>(Drumheller/Vulcan).....</b>	<b>2,427</b>	Lac la Biche County.....	238		
Kneehill County.....	700	Smoky Lake County.....	419	<b>Total Farms in Alberta.....</b>	<b>40,638</b>
Starland County.....	309	St. Paul County No. 19.....	680	(1) This census consolidated subdivision had	
Vulcan County.....	608			no farms in 2016.	
Wheatland County.....	810	<b>Census Division 13</b>		<b>Amalgamations:</b>	
		<b>(Barrhead/Athabasca).....</b>	<b>3,477</b>	Due to confidentiality constraints, agricultural data	
<b>Census Division 6</b>		Athabasca County.....	650	for subdivisions with very few farms were combined	
<b>(Calgary).....</b>	<b>3,905</b>	Barrhead County No. 11.....	681	with data from adjacent areas. In most cases, the	
Calgary.....	145	Lac Ste. Anne County.....	794	name of the amalgamation is identical to the largest	
Foothills No. 31.....	1,083	Thorhild County.....	382	component of the amalgamation:	
Mountain View County.....	1,542	Westlock County.....	744		
Rocky View County.....	1,135	Woodlands County.....	226	<b>(2) Due to confidentiality constraints, the data for</b>	
				Census Division 16 was amalgamated with Census	
<b>Census Division 7</b>		<b>Census Division 14</b>		Division 12.	
<b>(Wainwright/Stettler).....</b>	<b>2,688</b>	<b>(Edson).....</b>	<b>611</b>	<b>NOTE:</b> Due to minimal or no agricultural activity,	
Flagstaff County.....	638	Yellowhead County.....	611	data are not available for Improvement Districts 12	
Paintearth County No.18.....	402			(Jasper) and 24 (Wood Buffalo). Incompletely	
Provost No. 52.....	410	<b>Census Division 15</b>		enumerated Indian Reserves and Settlements are	
Stettler County No. 6.....	703	<b>(Mountain Parks Region).....</b>	<b>122</b>	excluded.	
Wainwright No. 61.....	535	Bighorn No. 8.....	54		
		Ranchland No. 66.....	68		
<b>Census Division No. 8</b>		Improvement District No. 12 (1).....	n/a		
<b>(Red Deer).....</b>	<b>3,591</b>				
Lacombe County.....	1,034				
Ponoka County.....	1,097				
Red Deer County.....	1,460				

n/a - not available

Source: Statistics Canada, 2016 Census of Agriculture



## Year in Review, 2016

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In terms of performance, the agriculture and food sector in Alberta had another strong year in 2016, as evidenced by several records attained for some key statistical indicators. Net cash income (NCI) and realized net income (RNI) for the province reached new record highs, while total net income (TNI) jumped to the second highest on record. Total food and beverage manufacturing sales also reached a new industry high and was ranked as Alberta's largest manufacturing industry compared to other sectors. Real gross domestic product (GDP) for agri-food industries increased to a record \$6.6 billion. Provincial farm cash receipts (FCR) surpassed \$13 billion for the second consecutive year and was second highest on record. Total agri-food exports were also second highest on record at \$10.0 billion. In the livestock sector, as of July 1, 2016, year-over-year increases occurred for inventories of cattle and calves and pigs, while sheep and lambs fell. Alberta remains the largest beef producing province in Canada. Total production of principal field crops in the province increased due to higher yields, but weather conditions and a delayed harvest led to generally below average crop quality. Similar to other provinces, the 2016 Census of Agriculture again confirmed some general trends for Alberta such as farm and operator numbers showing a decline, while the average farm size has increased. The following is a brief commentary on the various sections of this Yearbook. **For more detailed commentaries, users are advised to refer to the individual Yearbook sections.**

### Farm Income<sup>1</sup>

Alberta's total FCR (sum of crop and livestock market receipts plus direct program payments to producers) was the second highest on record at \$13.5 billion in 2016 and down 0.8 per cent from 2015. The overall decline was attributed to lower livestock market receipts more than offsetting higher crop market receipts and program payments to producers. Crop market receipts accounted for 49.5 per cent of total FCR, with livestock market receipts and direct program payments accounting for 45.4 per cent, and 5.2 per cent, respectively. At \$6.7 billion (up 8.2 per cent from 2015), crop market receipts set a new record, driven mostly by higher prices and marketings for several crops. Receipts were at an all-time high for dry peas, lentils and mustard seed, while other notable gains included canola and potatoes. Livestock market receipts fell 9.6 per cent, to \$6.1 billion, driven mostly by lower cattle prices. Even so, this was the third consecutive year where receipts exceeded \$6 billion. Driving the overall decline were lower market receipts for cattle and calves and hogs, while setting new records were dairy, poultry (hens, chickens and turkeys), and eggs and hatcheries receipts. Direct program payments to producers rose 6.7 per cent to \$696.4 million, with much of the increase due to higher payments under Private Hail Insurance, AgriInvest and Livestock Insurance. Total farm operating expenses fell 3.5 per cent to \$10.0 billion and marked the first year-over-year decline since 2009. Some notable declines in expenses included livestock and poultry purchases, fertilizer and lime, and machinery fuel and repairs. Setting records in 2016 were Alberta's total NCI (\$3.5 billion) and RNI (\$1.8 billion), while TNI jumped to \$2.1 billion (second highest on record). The province ranked second in total FCR, behind Saskatchewan (\$14.1 billion), and accounted for over one-fifth (22.5 per cent) of the Canadian total (\$60.0 billion). It also led all provinces in cattle market receipts and ranked second to Saskatchewan in NCI (\$5.3 billion), RNI (\$3.7 billion), and TNI (\$4.1 billion).

### Economic Indicators

In 2016, the real GDP for Alberta's agri-food industries in chained (2007) dollars totaled \$6.6 billion, up 7.8 per cent from 2015. Of this total, primary agriculture accounted for \$3.7 billion (up 13.6 per cent), while food and beverage industries was \$2.9 billion (up 1.1 per cent). Total employment in agri-food industries was 73,200 persons (down 17.9 per cent from 2015), with 50,800 employed in primary agriculture (down 19.1 per cent) and 22,400 in food and beverage manufacturing industries (down 15.2 per cent). Combined, these industries accounted for 3.2 per cent of the total employed labour force in Alberta of 2,263,800 persons. The annual all-items Consumer Price Index for Alberta, a measure of overall inflation, was up 1.1 per cent to 135.2, marking the seventh consecutive year-over-year increase. The Canadian dollar (annual average) fell 3.5 per cent against the United States dollar to \$0.7544, the lowest value since 2003 (\$0.7138).

### Food and Beverage Manufacturing Sales

Alberta's food and beverage manufacturing sales grew 9.2 per cent to a record \$14.6 billion in 2016, displacing the previous record set in 2015. It was the largest manufacturing sector in the province, accounting for 23.3 per cent of total manufacturing sales (\$62.6 billion). Food manufacturing industries sales in 2016 was \$13.6 billion (up 12.5 per cent from 2015), while beverage industries was \$985.2 million (down 22.2 per cent from 2015). Collectively, four segments (meat product manufacturing, grain and oilseed milling, dairy product manufacturing and animal food manufacturing, including feed) accounted for 85.8 per cent (or \$11.6 billion) of food manufacturing sales. The dominant segment was meat product manufacturing (including poultry), which accounted for 53.9 per cent (or \$7.3 billion) of total food manufacturing sales. Within this segment, animal slaughtering (except poultry) was \$6.4 billion, with the balance attributed to rendering and poultry processing. On a national basis, Alberta ranked third in total Canadian food manufacturing sales (\$101.1 billion), behind Ontario (\$40.6 billion) and Quebec (\$23.1 billion).

### Agri-Food Exports

Exporting to over 140 countries, Alberta's international exports of primary and processed agricultural and food products (agri-food) totalled \$10.0 billion, down marginally 1.9 per cent, from the 2015 record of \$10.2 billion. Lower exports of major

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(1) For detailed definitions of terms, see page 5.

cereal grains combined with weaker export prices contributed to the decline. Lower exports of primary commodities (down 7.9 per cent, to \$4.96 billion), more than offset an increase in value-added products (up 4.9 per cent, to \$5.04 billion). Of the total \$10.0 billion in exports, in terms of proportion, value-added surpassed primary commodities for the first time since 2010, with 50.4 per cent. Almost three-quarters (74.3 per cent or \$7.4 billion) of Alberta's total agri-food exports in 2016 were shipped to five markets. The leading export markets were the United States (\$4.0 billion), followed by China (\$1.4 billion), Japan (\$1.2 billion), Mexico (\$539.5 million), and South Korea (\$236.8 million). Among provinces, Alberta was the third largest exporter of agri-food products (behind Saskatchewan and Ontario), and accounted for 17.7 per cent of the Canadian total (\$56.5 billion). The top five Alberta agri-food exports were canola seed (\$1.84 billion), wheat (\$1.82 billion), beef (\$1.67 billion), non-purebred live cattle (\$622.5 million), and crude canola oil (\$558.4 million).

## **Livestock**

Alberta is the largest beef producing province in Canada, as well as a producer of pigs and sheep and lambs. As of July 1, 2016, the province had 5.4 million head of cattle and calves on farms, up 0.9 per cent from a year previous and accounted for 41.4 per cent of the national herd. The increase in inventory was due to a rise in all cattle classes, with the exception of heifers for slaughter and steers. As well, encouraging inventory growth were strong cattle prices. As of July 1, 2016, pigs on Alberta farms totalled 1.5 million head, up 1.0 per cent from a year earlier. The major factor impacting hog inventories was strong consumer demand for pork. The provincial sheep and lamb flock, as of July 1, 2016, declined 1.5 per cent, to 193,000 head, largely due to strong slaughter lamb prices which encouraged lamb marketings. Among provinces, Alberta ranked first in cattle and calf inventories, third in sheep and lamb inventories, and fourth in pig inventories. In 2016, Alberta cattle prices fell significantly from the 2015 record levels, but annual prices were still nonetheless, the third highest on record. The annual average slaughter steer price fell 17.6 per cent to \$150.57 per cwt., while slaughter heifer prices were down 17.8 per cent to \$148.50 per cwt. For hogs, the annual Alberta average index 100 price fell 5.1 per cent to \$1.48 per kg, largely due to increased North American supply and price competition from other meats. Three-quarters of Canadian beef processing occurs in Western Canada, with the vast majority concentrated in Alberta. Western Canadian cattle slaughter (excluding calves) in federally and provincially inspected plants was 2.1 million head, up 4.9 per cent from 2015. Over one-tenth of Canadian pork processing occurred in Alberta, with hog slaughter in federally and provincially inspected plants at 2.6 million head (down 2.0 per cent from 2015). Total honey production for the province was estimated at 17,293 tonnes, down 3.4 per cent from 2015, due to lower yield per colony. Even so, Alberta continued to lead the nation in honey production, accounting for 41.4 per cent of the national total of 41,814 tonnes.

## **Crops**

The 2016 crop season started with a dry spring, but farms across the province received enough and timely precipitation to produce above average yields. However, persistent wet and cold weather conditions from mid-August, coupled with excessive soil moisture delayed the harvest season, which incidentally was one of the longest on record. By the end of November, there were still some crops left in the field. Alberta's total production of principal field crops (including forages) totalled 34.0 million tonnes, up significantly by 24.4 per cent from 2015. Excluding forages, production totalled 24.6 million tonnes, 16.0 per cent above 2015. Compared to the 10-year average (2006-2015), crop production was 21.1 per cent higher in 2016, while forage production rose 10.9 per cent. The provincial average yields were also higher than in 2015, as well as their 10-year averages. However, weather conditions and a delayed harvest impacted crop quality, which was generally below average. Total seeded area increased marginally 0.6 per cent from 2015, to 24.3 million acres, while harvested area fell 1.5 per cent to 22.1 million acres. Total production of all wheat (winter, spring, and durum) was 9.9 million tonnes, up 19.4 per cent from 2015 (17.7 per cent above the 10-year average), due to higher yields more than offsetting a lower harvested area. Canola production fell marginally by 1.2 per cent to 5.8 million tonnes (but still 21.0 per cent above the 10-year average), with lower harvested area more than offsetting increased average yield. Dry pea production jumped 72.8 per cent, to a record 2.3 million tonnes (136.9 per cent above the 10-year average), driven by higher average yield and harvested area. For barley, production was up 2.5 per cent, to 4.4 million tonnes (5.3 per cent below the 10-year average), due to a higher average yield more than offsetting lower harvested area. Overall, the average annual price increased for all wheat (up 2.6 per cent, to \$6.34 per bushel), canola (up 2.8 per cent, to \$10.67 per bushel), and oats (up 3.7 per cent, to \$2.83 per bushel), while the price for barley fell 6.2 per cent, to \$4.26 per bushel. With respect to 2016 crop marketings, the year-over-year changes varied substantially among major crops. For dry peas, dry beans and lentils, marketings rose substantially, while it was more moderate for canola. These were also higher than their respective five-year averages (2011-2015), unlike total wheat, barley and oats marketings which were down.

## **Census of Agriculture**

In Alberta, the 2016 Census of Agriculture confirmed some general trends observed over past census years. Essentially, farm and operator numbers continued to decline in 2016, while average farm size increased (similar to other provinces). Total farm numbers fell 6.0 per cent from 2011, to 40,638 and accounted for 21.0 per cent of farms in Canada. Average farm area was up 5.9 per cent to 1,237 acres. Total farmland area declined marginally by 0.5 per cent, largely due to the sector shedding lower quality and non-agricultural lands and upgrading or divesting generally less productive pasture lands. Even so, total area of crop land increased 4.8 per cent. Most farms in the province are sole proprietorships (52.5 per cent), while farm family corporations are now a greater proportion (22.9 per cent), and non-family corporations at 2.0 per cent. There were 57,605 farm operators (62,050 in 2011) with an average age at 55.7 years (54.5 years in 2011). The highest proportion of farm operators was in the oldest age category (55 years and older) at 56.5 per cent. The proportion of young operators (under 35 years old) increased to 8.5 per cent, reversing the downward trend shown over the past 20 years. Of total farm operators, 30.8 per cent were women, the second highest proportion across provinces, behind British Columbia.

## Value of Agricultural Production in Alberta, 2011-2016

	2011	2012	2013	2014	2015r	2016p	% Chg. '16/'15
<b>Crops</b>							
<b>Production - '000 tonnes (1)</b>							
All Wheat.....	8,839.6	8,368.8	11,301.8	9,348.9	8,290.0	9,898.2	19.4
Oats for Grain.....	738.7	518.2	601.5	542.9	393.3	624.6	58.8
Barley for Grain.....	4,668.0	4,463.3	5,545.4	4,131.3	4,289.2	4,398.0	2.5
Fall Rye .....	54.0	34.3	36.3	30.9	33.0	49.5	50.0
Mixed Grains.....	79.6	10.5	13.3	12.9	12.2	24.9	104.1
Flaxseed.....	54.7	41.9	73.7	87.6	83.8	54.6	-34.8
Canola.....	5,347.9	5,097.2	6,168.9	5,796.9	5,851.3	5,783.3	-1.2
Mustard Seed .....	26.8	35.9	37.2	59.4	31.9	71.6	124.5
Sugar Beets (2).....	784.5	827.4	668.1	638.1	584.6	821.5	40.5
Tame Hay.....	7,937.9	7,711.1	7,588.6	7,257.5	4,971.4	7,819.9	57.3
Dry Peas .....	805.6	1,208.4	1,321.3	1,475.1	1,314.5	2,271.2	72.8
Other Crops.....	...	...	...	...	...	...	...
<b>Average Farm Value - \$/tonne (1)</b>							
All Wheat.....	220.00	255.00	285.00	225.00	227.03	232.86	2.6
Oats for Grain.....	194.00	182.00	210.00	166.00	176.84	183.45	3.7
Barley for Grain.....	192.00	240.00	250.00	180.00	208.42	195.54	-6.2
Fall Rye .....	214.97	231.29	245.11	246.05	251.14	215.67	-14.1
Mixed Grains.....	193.00	211.00	240.00	173.00	192.63	189.50	-1.6
Flaxseed.....	553.04	548.99	564.80	494.53	500.03	457.21	-8.6
Canola.....	530.00	570.00	565.00	430.00	457.37	470.40	2.8
Mustard Seed .....	598.82	665.09	-	-	-	-	-
Sugar Beets (2).....	53.52	55.10	50.74	52.69	58.14	58.14	0.0
Tame Hay.....	74.90	68.51	77.91	87.53	119.85	123.49	3.0
Dry Peas .....	265.00	290.00	310.00	240.00	301.81	331.92	10.0
Other Crops.....	...	...	...	...	...	...	...
<b>Value of Production - \$'000 (3)</b>							
All Wheat.....	1,944,712	2,134,044	3,221,013	2,103,503	1,882,079	2,304,895	22.5
Oats for Grain.....	143,308	94,312	126,315	90,121	69,551	114,583	64.7
Barley for Grain.....	896,256	1,071,192	1,386,350	743,634	893,955	859,985	-3.8
Fall Rye .....	11,608	7,933	8,897	7,603	8,288	10,676	28.8
Mixed Grains.....	15,363	2,216	3,192	2,232	2,350	4,718	100.8
Flaxseed.....	30,251	23,003	41,626	43,321	41,903	24,964	-40.4
Canola.....	2,834,387	2,905,404	3,485,429	2,492,667	2,676,209	2,720,464	1.7
Mustard Seed .....	16,048	23,877	-	-	-	-	-
Sugar Beets (2).....	41,986	45,590	33,899	33,621	33,989	47,762	40.5
Tame Hay.....	594,549	528,287	591,228	635,249	595,822	965,679	62.1
Dry Peas .....	213,484	350,436	409,603	354,024	396,729	753,857	90.0
Other Crops (4).....	439,390	524,671	537,696	574,967	677,083	850,049	25.5
<b>Total Crops.....</b>	<b>7,181,343</b>	<b>7,710,965</b>	<b>9,845,248</b>	<b>7,080,942</b>	<b>7,277,957</b>	<b>8,657,632</b>	<b>19.0</b>

(1) Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

(2) Source: Alberta Sugar Beet Growers

(3) Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

(4) Source: Statistics Canada estimates of farm cash receipts. "Other Crops" include forage seeds, field and greenhouse vegetables, fruits, floriculture and nursery, forest products, and specialty crops not specified in this table.

## Value of Agricultural Production in Alberta, 2011-2016 (Cont'd.)

	2011r	2012r	2013r	2014r	2015r	2016p	% Chg. '16/'15
<b>Livestock and Livestock Products</b>							
<b>Value of Production - \$'000 (5)</b>							
Cattle and Calves.....	2,332,687	2,455,231	2,559,165	3,313,318	3,871,557	3,507,009	-9.4
Hogs.....	414,428	411,732	419,279	498,524	412,620	396,607	-3.9
Sheep and Lambs.....	19,657	17,974	13,164	17,163	21,571	20,187	-6.4
<b>Total Livestock.....</b>	<b>2,766,771</b>	<b>2,884,937</b>	<b>2,991,608</b>	<b>3,829,005</b>	<b>4,305,748</b>	<b>3,923,802</b>	<b>-8.9</b>
Dairy Products.....	504,285	520,805	515,075	530,588	544,230	561,175	3.1
Poultry and Eggs.....	301,072	329,879	343,806	333,789	346,957	367,519	5.9
Honey (6).....	57,963	64,579	71,033	76,966	82,601	68,214	-17.4
Other Livestock and Products.....	91,821	97,391	99,038	132,662	140,191	126,595	-9.7
<b>Total Livestock and Livestock Products.....</b>	<b>3,721,912</b>	<b>3,897,591</b>	<b>4,020,560</b>	<b>4,903,010</b>	<b>5,419,727</b>	<b>5,047,305</b>	<b>-6.9</b>
<b>Total Gross Value of Agricultural Production in Alberta, 2011-2016 (\$'000)</b>							
	2011r	2012r	2013r	2014r	2015r	2016p	% Chg. '16/'15
Crops.....	7,181,343	7,710,965	9,845,248	7,080,942	7,277,957	8,657,632	19.0
Livestock and Livestock Products.....	3,721,912	3,897,591	4,020,560	4,903,010	5,419,727	5,047,305	-6.9
<b>Total Value of Production.....</b>	<b>10,903,255</b>	<b>11,608,556</b>	<b>13,865,808</b>	<b>11,983,952</b>	<b>12,697,684</b>	<b>13,704,937</b>	<b>7.9</b>

Note: Totals may not add up due to rounding.

(5) Source: Statistics Canada unless otherwise noted. Estimates for cattle and calves, hogs, sheep and lambs include farm cash receipts plus the value of inventory change less feeder imports plus income-in-kind. Estimates for dairy products and other livestock and products include farm cash receipts plus income-in-kind. Gross value of production is shown for poultry and eggs.

(6) Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

### Value of Agricultural Production

Every year more than 21 million acres of cropland are harvested in Alberta and millions of cattle, hogs, sheep and poultry are slaughtered for human consumption. The above table presents a gross measurement of this agricultural activity incorporating production estimates, average farm values, farm market cash receipts, value of inventory change estimates, and income-in-kind. Farm market cash receipts represent the cash income received from the sale of agricultural commodities excluding direct government program payments. Income-in-kind measures the value of agricultural commodities produced on farms and consumed by individuals living on these farm operations.

Users should note that double counting may occur as in the case of barley, much of which is grown and fed to cattle. In this table, barley is valued in the crops sector as well as in the total value of cattle marketed. Gross value of production, therefore, incorporates total production from all farms, regardless of where and how products are used or marketed.



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### Measures of Net Farm Income (1) - Definitions

The agriculture economic statistics program uses three aggregate measures of net farm income:

**Net cash income** measures farm business cash flow (gross revenue minus operating expenses) generated from the production of agricultural goods. Net cash income represents the amount of money available for debt repayment, investment or withdrawal by the owner.

**Realized net income (RNI)** measures the financial flows, both monetary (cash income) and non-monetary (depreciation and income-in-kind), of farm businesses. Similar to net cash income, realized net income represents the net farm income from transactions in a given year, regardless of the year the agricultural goods were produced.

**Total net income** measures the financial flows and stock changes of farm businesses. Total net income values agriculture economic production during the year that the agricultural goods were produced. It represents the return to owner's equity, unpaid labour, management and risk.

### Components of Net Farm Income Measures

**Farm cash receipts** include revenues from the sale of agricultural commodities, program payments from government agencies, and payments from private crop and livestock insurance programs. Receipts are recorded in the calendar year (January-December) when the money is paid (cash basis) to farmers. Farm to farm sales are excluded. They are assumed to cancel each other out, and have no net impact.

**Farm operating expenses** represent business costs incurred by farm businesses for goods and services used in the production of agricultural commodities. Expenses, which are recorded when the money is disbursed by the farmer, include property taxes, custom work, livestock purchases, rent, fertilizer and lime, pesticides, machinery and building repairs, fuel for heating and machines, wages, interest and business share of insurance premiums.

**Income-in-kind** measures the value of the agricultural goods produced on farms and consumed by farm operator families. It is included to measure total farm production. There is no monetary disbursement related to income-in-kind. It is calculated using Statistics Canada estimates of per capita food consumption, coupled with Census (2) measurements of the farm population and the average prices that producers would have received in the marketplace.

**Depreciation charges** account for the economic depreciation or for the loss in fair market value of the capital assets of the farm business. There is no monetary disbursement associated with depreciation. Calculated on farm buildings, farm machinery, and the farm business share of autos, trucks and the farm home, depreciation is generally considered to be the result of aging, wear and tear, and obsolescence. It represents a decrease in the potential economic benefits that can be generated by the capital asset.

**Value of inventory change (VIC)** measures the dollar value of the physical change in producer-owned inventories. This concept is used to value total agricultural economic production. To calculate VIC, the change in producer-owned inventories (between the end and the beginning of a calendar year) is first derived and then multiplied by the average annual crop prices or value per animal. This calculation is different from the financial or accounting book value approach, which values the beginning and ending stocks, and then derives the change.

(1) Source: Adapted from Agriculture and Agri-Food Canada and Statistics Canada, *Understanding Measurements of Farm Income*, Publication No. 2060/B and Cat. No. 21-525-XIE, November 2000, Section 1 "Agriculture Economic Statistics Program Measures".

(2) Statistics Canada, Census of Population

# Alberta Farm Income in 2016

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## Farm Cash Receipts

In 2016, Alberta's total farm cash receipts (FCR) totaled \$13.5 billion, down marginally 0.8 per cent from the 2015 record. The decline was due to lower livestock market receipts more than offsetting higher crop market receipts and program payments to producers. FCR is the sum of crop and livestock market receipts plus direct program payments to producers. The 2016 FCR were the second highest on record and 11.4 per cent above the five-year average (2011-2015) of \$12.1 billion. Total farm market receipts (the sum of crop and livestock market receipts, excluding program payments to producers) were \$12.8 billion, down 1.1 per cent from a year previous, and 11.8 per cent above the five-year average (\$11.4 billion).

Crop market receipts reached a new industry record at \$6.7 billion, and were 8.2 per cent higher than in 2015. These receipts were also 8.2 per cent above the 2011-2015 average of \$6.0 billion. Posting record receipts were dry peas (up 81.6 per cent, to \$637.9 million), lentils (up 108.7 per cent, to \$224.3 million), and mustard seed (up 15.2 per cent, to \$32.9 million), while other notable gains included canola (up 7.9 per cent, to \$2.9 billion), and potatoes (up 24.8 per cent, to \$237.8 million). The growth in receipts was mostly driven by higher prices and marketings. Noteworthy declines included wheat (down 4.4 per cent, to \$1.9 billion), barley (down 26.1 per cent, to \$268.3 million), and oats (down 18.2 per cent, to \$30.6 million), due to lower marketings.

Despite falling 9.6 per cent from 2015, Alberta's livestock market receipts was still over \$6 billion for the third consecutive year. With receipts at \$6.1 billion (\$6.8 billion in 2015, a record high), the decline was mostly driven by lower cattle prices. Even so, these receipts were 13.0 per cent above the 2011-2015 average of \$5.4 billion. Cattle and calves receipts were down 12.4 per cent to \$4.6 billion, while hog receipts fell 3.9 per cent, to \$395.8 million. Increasing were receipts for dairy (up 3.1 per cent, to a record \$561.1 million), poultry -- hens, chickens and turkeys (up 4.5 per cent, to \$274.9 million), and eggs and hatcheries (up 10.4 per cent, to a record \$92.0 million). A notable percentage decline in receipts was honey, which fell 17.4 per cent, to \$68.2 million.

Total program payments to producers increased 6.7 per cent to \$696.4 million in 2016, and marked the second consecutive year-over-year increase. These payments were also 3.9 per cent above the 2011-2015 average of \$670.2 million. The overall gain was largely due to higher payments under Private Hail Insurance (up 24.6 per cent, to \$73.7 million), AgriInvest (up 13.4 per cent, to \$73.1 million), and other payments (up 155.8 per cent to \$37.8 million). On the flip side, AgriStability payments fell 3.2 per cent, to \$56.2 million, and Crop Insurance declined marginally (0.2 per cent, to \$455.2 million).

Nationally, in 2016, total FCR was up a marginal 0.5 per cent, to \$60.0 billion. Receipts increased in all provinces, with the exception of Alberta, British Columbia, Nova Scotia and Saskatchewan. Alberta accounted for over one-fifth (22.5 per cent) of the Canadian total and ranked second among provinces (\$13.5 billion), behind Saskatchewan (\$14.1 billion). The province led the nation in livestock market receipts (\$6.1 billion), cattle and calf market receipts (\$4.6 billion) and program payments to producers (\$696.4 million). Alberta ranked second in crop market receipts (\$6.7 billion), behind Saskatchewan (\$11.4 billion).

## Farm Operating Expenses and Net Farm Income

Alberta's total farm operating expenses (after rebates) fell 3.5 per cent in 2016, to \$10.0 billion, but was still 4.4 per cent higher than the 2011-2015 average of \$9.6 billion. This was also the first year-over-year decline since 2009. Noteworthy declines in expenses included livestock and poultry purchases (down 31.9 per cent, to \$966.7 million), fertilizer and lime (down 10.8 per cent, to \$1.2 billion), and machinery fuels and repairs (down 2.4 per cent, to \$1.2 billion). On the upside, increasing was commercial feed (up 5.4 per cent, to \$1.4 billion).

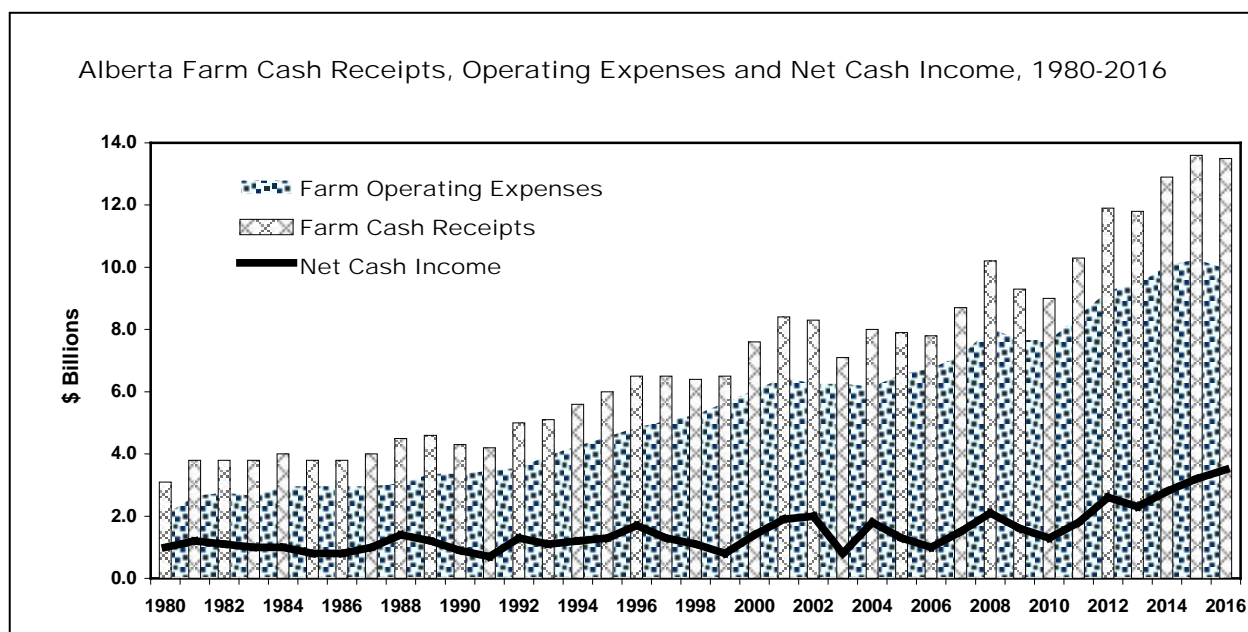
Alberta's net cash income (difference between total FCR and total operating expenses) was a record \$3.5 billion in 2016, and 8.0 per cent higher than the previous record of \$3.2 billion in 2015. Adjusted for depreciation (a non-cash cost of \$1.7 billion), the resulting realized net income (RNI) was also a record \$1.8 billion, an increase of 15.0 per cent from \$1.5 billion in 2015. Total net income (RNI adjusted for inventory change) jumped to \$2.1 billion in 2016 (up 60.0 per cent, and second highest on record) from \$1.3 billion in 2015, driven by higher "on-farm" inventory resulting from above average crop production.

## Farm Debt Outstanding and Value of Farm Capital

Alberta's total farm debt outstanding at December 31, 2016 increased 4.5 per cent from a year previous, to a record \$21.3 billion. The largest lender type was chartered banks, who were owed \$7.8 billion (36.8 per cent of the total farm debt), up marginally 0.9 per cent over 2015. The next largest group consisted of federal government agencies such as the Farm Credit Corporation and the Business Development Bank of Canada. This group was owed \$5.2 billion (24.2 per cent of total farm debt), up 7.2 per cent from a year earlier. Provincial government agencies such as the Agriculture Financial Services Corporation and Alberta Treasury Branches followed with a total of \$4.9 billion in loans to Alberta producers (23.0 per cent of total farm debt), and up 5.2 per cent from 2015. Credit Unions accounted for \$897.9 million in loans to farmers, up 5.4 per cent (4.2 per cent of total farm debt). Other lenders (including insurance and trust companies, along with private individuals

and supply companies), were owed a total of \$2.2 billion (10.1 per cent of total farm debt), up 9.6 per cent from a year previous. Advance program payments increased 4.5 per cent to \$361.0 million (1.7 per cent of total farm debt). Among provinces, Alberta ranked second in total farm debt outstanding to Ontario (\$25.2 billion), and accounted for 22.2 per cent of the national total (\$96.0 billion, up 7.3 per cent from 2015). Farm debt outstanding increased for all provinces, with the largest year-over-year increases occurring in Saskatchewan (up 12.5 per cent, to \$14.5 billion), and Quebec (up 11.3 per cent, to \$16.5 billion).

In 2016, Alberta led the nation in the total value of farm capital (land and buildings, machinery and equipment, and livestock and poultry). At July 1, the province's total farm capital was a record \$149.1 billion, while Ontario was second at \$146.4 billion. Farm capital value for Alberta has been steadily increasing since 1993. In 2016, it was 6.0 per cent higher than in the same period a year earlier and driven mainly by a substantial increase in the value of land and buildings and machinery and equipment. The value of land and buildings increased 9.2 per cent, to \$127.0 billion, while the value of machinery and equipment was up 4.5 per cent, to \$14.1 billion. The value of livestock and poultry fell 26.2 per cent to \$8.0 billion, largely due to lower cattle prices from the record levels set in 2015. The increase in total value of farm capital was not unique to Alberta, as all provinces posted gains. Nationally, the value of farm capital reached a record \$53.4 billion and was 5.2 per cent higher than in 2015.



Source: Statistics Canada, CANSIM Database Table Numbers 002-0001 and 002-0009; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 1: Selected Farm Income Statistics, Canada and Provinces, 2012-2016

	Canada	Alberta	Sask.	Manitoba	British Columbia	Ontario	Quebec	Atlantic Provinces
\$'000								
Total Farm Cash Receipts (Market Receipts plus Program Payments)								
2012.....	53,764,079	11,945,828	11,787,750	5,146,436	2,752,273	12,054,263	8,345,754	1,731,776
2013.....	55,227,014	11,844,104	12,260,838	5,832,678	2,803,705	12,382,263	8,296,274	1,807,152
2014r.....	57,904,991	12,895,824	13,156,346	5,977,572	2,943,249	12,721,068	8,468,627	1,742,305
2015r.....	59,696,765	13,592,562	14,425,268	5,810,364	3,107,048	12,804,118	8,184,755	1,772,650
2016p.....	60,003,600	13,490,467	14,068,711	5,927,290	3,029,171	12,966,823	8,716,824	1,804,314
Total Farm Cash Receipts - % Share of Canada								
2012.....	100.0	22.2	21.9	9.6	5.1	22.4	15.5	3.2
2013.....	100.0	21.4	22.2	10.6	5.1	22.4	15.0	3.3
2014r.....	100.0	22.3	22.7	10.3	5.1	22.0	14.6	3.0
2015r.....	100.0	22.8	24.2	9.7	5.2	21.4	13.7	3.0
2016p.....	100.0	22.5	23.4	9.9	5.0	21.6	14.5	3.0
Crop Market Cash Receipts								
2012.....	29,483,686	6,476,214	9,151,041	2,717,522	1,329,089	6,419,638	2,648,475	741,706
2013.....	30,996,302	6,365,528	9,711,738	3,468,338	1,388,472	6,516,298	2,753,811	792,117
2014r.....	30,115,477	5,942,303	9,833,933	3,253,577	1,433,736	6,227,475	2,638,592	785,863
2015r.....	31,937,252	6,164,439	11,212,532	3,175,692	1,553,219	6,332,483	2,698,636	800,252
2016p.....	33,788,338	6,672,149	11,409,421	3,572,904	1,535,189	6,612,038	3,160,050	826,587
Livestock and Livestock Products Market Cash Receipts								
2012.....	20,875,337	4,698,008	1,687,909	1,934,279	1,375,426	5,325,825	4,927,966	925,924
2013.....	21,545,206	4,782,214	1,894,298	1,993,391	1,370,801	5,515,812	5,036,805	951,885
2014r.....	25,689,552	6,404,302	2,710,785	2,492,795	1,478,925	6,216,547	5,508,979	877,220
2015r.....	25,633,460	6,775,490	2,627,281	2,330,167	1,517,129	6,165,362	5,284,738	933,291
2016p.....	23,796,416	6,121,897	1,992,666	2,132,582	1,464,323	6,016,790	5,163,695	904,464
Total Farm Market Receipts (Crops plus Livestock and Livestock Products)								
2012.....	50,359,023	11,174,222	10,838,950	4,651,801	2,704,515	11,745,463	7,576,441	1,667,630
2013.....	52,541,508	11,147,742	11,606,036	5,461,729	2,759,273	12,032,110	7,790,616	1,744,002
2014r.....	55,805,029	12,346,605	12,544,718	5,746,372	2,912,661	12,444,022	8,147,571	1,663,083
2015r.....	57,570,712	12,939,929	13,839,813	5,505,859	3,070,348	12,497,845	7,983,374	1,733,543
2016p.....	57,584,754	12,794,046	13,402,087	5,705,486	2,999,512	12,628,828	8,323,745	1,731,051
Program Payments								
2012.....	3,405,056	771,606	948,800	494,635	47,758	308,800	769,312	64,145
2013.....	2,685,507	696,362	654,803	370,949	44,432	350,153	505,658	63,150
2014.....	2,099,962	549,219	611,628	231,201	30,588	277,046	321,057	79,223
2015r.....	2,126,054	652,633	585,455	304,505	36,700	306,273	201,381	39,107
2016p.....	2,418,847	696,422	666,624	221,804	29,659	337,995	393,079	73,264
Farm Operating Expenses After Rebates								
2012.....	41,404,344	9,313,149	8,077,482	4,371,660	2,510,366	9,468,535	6,242,340	1,420,811
2013.....	42,664,426	9,536,957	8,402,729	4,577,774	2,558,239	9,727,466	6,424,877	1,436,384
2014r.....	43,899,061	10,118,620	8,637,300	4,560,277	2,581,283	10,050,894	6,510,397	1,440,289
2015r.....	44,631,183	10,344,832	8,701,668	4,677,390	2,650,907	10,265,437	6,532,994	1,457,957
2016p.....	44,239,528	9,982,307	8,730,685	4,621,490	2,672,063	10,207,687	6,555,041	1,470,255

Source: Statistics Canada, CANSIM Database Table Numbers 002-0001 and 002-0005; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 1 (Cont'd.): Selected Farm Income Statistics, Canada and Provinces, 2012-2016

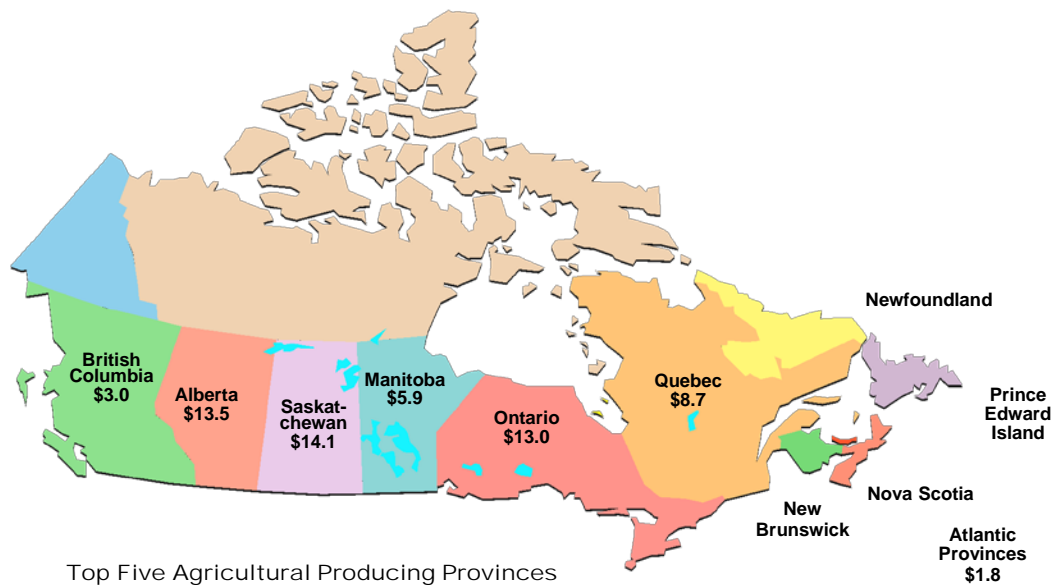
	Canada	Alberta	Sask.	Manitoba	British Columbia	Ontario	Quebec	Atlantic Provinces
\$'000								
Net Cash Income (Total Farm Cash Receipts minus Farm Operating Expenses After Rebates)								
2012.....	12,359,735	2,632,679	3,710,268	774,776	241,907	2,585,728	2,103,414	310,964
2013.....	12,562,589	2,307,146	3,858,109	1,254,904	245,466	2,654,798	1,871,397	370,769
2014r.....	14,005,931	2,777,203	4,519,045	1,417,295	361,966	2,670,174	1,958,230	302,016
2015r.....	15,065,582	3,247,731	5,723,600	1,132,974	456,141	2,538,681	1,651,762	314,693
2016p.....	15,764,072	3,508,161	5,338,026	1,305,800	357,107	2,759,136	2,161,782	334,060
Realized Net Farm Income								
2012.....	6,304,514	1,186,878	2,374,530	194,371	-134,757	1,256,684	1,283,465	143,342
2013.....	6,262,460	788,755	2,447,268	648,009	-138,973	1,289,216	1,029,935	198,249
2014r.....	7,468,502	1,186,358	3,032,603	783,004	-34,311	1,272,233	1,103,368	125,247
2015r.....	8,180,002	1,542,904	4,129,656	463,217	53,171	1,079,552	779,233	132,267
2016p.....	8,803,605	1,774,379	3,717,794	637,468	-52,751	1,283,938	1,291,491	151,287
Total Net Farm Income								
2012.....	6,335,381	668,897	2,227,368	925,698	-153,491	1,184,438	1,298,999	183,472
2013.....	12,408,746	2,515,890	5,874,198	1,460,705	-80,056	1,343,413	1,104,163	190,432
2014r.....	4,809,621	409,003	1,668,113	424,619	-63,330	1,195,801	1,039,148	136,266
2015r.....	8,296,308	1,301,266	3,636,403	787,933	127,812	1,301,085	988,525	153,283
2016p.....	9,502,286	2,082,433	4,121,632	738,390	6,354	1,213,394	1,217,306	122,775
Farm Debt Outstanding at December 31								
2012.....	72,659,871	16,026,523	10,285,413	7,173,463	5,577,391	19,225,555	12,137,571	2,233,956
2013.....	79,610,512	17,967,595	11,903,711	7,370,049	5,783,894	21,266,594	13,011,244	2,307,425
2014r.....	84,584,459	18,929,263	13,056,401	7,659,719	6,138,022	22,274,796	14,031,152	2,495,105
2015r.....	89,447,431	20,413,046	12,910,067	8,342,434	6,462,185	23,861,981	14,789,865	2,667,854
2016p.....	96,001,915	21,322,726	14,519,477	9,116,778	6,587,440	25,166,247	16,462,931	2,826,317
Value of Farm Capital at July 1								
2012.....	368,758,275	104,967,374	59,080,670	26,773,868	34,812,585	101,160,687	35,436,396	6,526,696
2013.....	418,926,516	116,090,902	69,380,329	31,509,564	35,382,682	117,466,051	42,299,143	6,797,844
2014r.....	464,305,237	127,695,501	81,295,383	35,891,541	36,607,030	128,805,298	46,981,031	7,029,453
2015r.....	507,527,213	140,640,006	90,095,496	39,615,306	38,531,532	139,969,654	51,341,695	7,333,523
2016p.....	533,894,452	149,109,237	94,455,060	41,929,667	40,666,748	146,385,456	53,816,431	7,531,854
Value per Acre of Farm Land and Buildings (1) at July 1, Dollars (2)								
2012.....	1,924	1,725	724	1,137	4,984	7,155	3,398	2,145
2013.....	2,227	1,934	881	1,388	5,060	8,417	4,231	2,221
2014.....	2,460	2,092	1,043	1,583	5,217	9,243	4,718	2,300
2015r.....	2,683	2,282	1,159	1,749	5,450	10,063	5,169	2,397
2016p.....	2,871	2,485	1,243	1,894	5,806	10,588	5,501	2,519

(1) Value per acre of farm land and buildings, at July 1, reflects the value of all farm land, including pasture and unimproved land, plus the value of farm houses, buildings, and other structures.

(2) Figures shown for Atlantic provinces are averages.

Source: Statistics Canada, CANSIM Database Table Numbers 002-0003, 002-0007, 002-0008 and 002-0009; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 1 Distribution of 2016 Canadian Farm Cash Receipts\* (\$ Billions)



- #1 Saskatchewan (23.4%)
- #2 Alberta (22.5%)
- #3 Ontario (21.6%)
- #4 Quebec (14.5%)
- #5 Manitoba (9.9%)

\* In 2016, total Canadian farm cash receipts, including direct program payments to producers, was \$60.0 billion.

<b>2016 Farm Cash Receipts - Alberta as a Per Cent of Canada</b>			
Selected Commodities	Alberta	Canada	Alberta as a % of Canada
	\$'000		
Cattle and Calves.....	4,577,514	8,638,739	53.0
Wheat (including Durum).....	1,896,527	5,668,325	33.5
Barley.....	268,291	693,478	38.7
Canola.....	2,850,077	9,238,330	30.9
Dry Peas.....	637,892	1,457,871	43.8
Mustard Seed.....	32,868	122,911	26.7
Hay and Clover.....	162,136	517,478	31.3
Forage and Grass Seed.....	36,105	94,072	38.4
Honey.....	68,214	179,188	38.1

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 2: Farm Cash Receipts by Type, Alberta and Canada, 2015 and 2016

	Alberta				Canada				Alberta
	2015r	2016p	% Chg.	% of Total	2015r	2016p	% of Total	as a % of Canada	
	\$'000	\$'000			\$'000	\$'000			2016
Crop Market Receipts									
<b>Grains and Oilseeds.....</b>	<b>4,964,805</b>	<b>4,998,633</b>	<b>0.7</b>	<b>37.1</b>	<b>19,984,132</b>	<b>21,133,009</b>	<b>5.7</b>	<b>35.2</b>	<b>23.7</b>
Wheat (including Durum).....	1,982,908	1,896,527	-4.4	14.1	6,353,225	5,668,325	-10.8	9.4	33.5
Oats.....	37,355	30,564	-18.2	0.2	501,571	463,491	-7.6	0.8	6.6
Barley.....	362,939	268,291	-26.1	2.0	814,351	693,478	-14.8	1.2	38.7
Rye.....	3,910	3,982	1.8	0.0	34,293	42,198	23.1	0.1	9.4
Corn.....	10,623	9,429	-11.2	0.1	1,852,171	2,049,742	10.7	3.4	0.5
Flaxseed.....	27,756	18,395	-33.7	0.1	310,013	254,263	-18.0	0.4	7.2
Canola.....	2,641,074	2,850,077	7.9	21.1	8,023,102	9,238,330	15.1	15.4	30.9
Soybeans.....	-	-	...	...	2,389,348	2,884,191	20.7	4.8	...
Deferments.....	-562,553	-646,896	...	...	-2,019,662	-2,182,094	...	...	...
Liquidations.....	460,793	568,264	23.3	4.2	1,725,720	2,021,085	17.1	...	...
<b>Special Crops.....</b>	<b>517,929</b>	<b>935,683</b>	<b>80.7</b>	<b>6.9</b>	<b>3,574,818</b>	<b>3,962,419</b>	<b>10.8</b>	<b>6.6</b>	<b>23.6</b>
Pulses.....	489,386	902,815	84.5	6.7	3,381,841	3,754,528	11.0	6.3	24.0
Lentils.....	107,477	224,272	108.7	1.7	2,253,595	2,006,238	-11.0	3.3	11.2
Dry Beans.....	25,806	32,760	26.9	0.2	187,972	175,412	-6.7	0.3	18.7
Dry Peas.....	351,246	637,892	81.6	4.7	869,694	1,457,871	67.6	2.4	43.8
Chick Peas.....	4,857	7,891	62.5	0.1	70,580	115,007	62.9	0.2	6.9
Mustard Seed.....	28,543	32,868	15.2	0.2	109,933	122,911	11.8	0.2	26.7
Sunflower Seed.....	-	-	...	...	19,637	15,965	-18.7	0.0	...
Canary Seed.....	-	-	...	...	63,407	69,015	8.8	0.1	...
<b>Potatoes.....</b>	<b>190,460</b>	<b>237,761</b>	<b>24.8</b>	<b>1.8</b>	<b>1,078,293</b>	<b>1,211,055</b>	<b>12.3</b>	<b>2.0</b>	<b>19.6</b>
<b>Fruits and Vegetables.....</b>	<b>99,596</b>	<b>102,355</b>	<b>2.8</b>	<b>0.8</b>	<b>3,755,972</b>	<b>3,945,020</b>	<b>5.0</b>	<b>6.6</b>	<b>2.6</b>
Greenhouse Vegetables.....	53,584	55,675	3.9	0.4	1,297,089	1,343,625	3.6	2.2	4.1
Other Vegetables.....	43,932	44,962	2.3	0.3	1,486,588	1,583,800	6.5	2.6	2.8
Total Tree Fruits.....	135	130	-3.7	0.0	317,279	330,708	4.2	0.6	0.0
Total Small Fruits.....	1,945	1,588	-18.4	0.0	655,016	686,887	4.9	1.1	0.2
<b>Floriculture, Nursery and Sod.....</b>	<b>135,129</b>	<b>127,231</b>	<b>-5.8</b>	<b>0.9</b>	<b>1,880,825</b>	<b>1,747,301</b>	<b>-7.1</b>	<b>2.9</b>	<b>7.3</b>
<b>Forages.....</b>	<b>189,980</b>	<b>198,241</b>	<b>4.3</b>	<b>1.5</b>	<b>594,488</b>	<b>611,550</b>	<b>2.9</b>	<b>1.0</b>	<b>32.4</b>
Forage and Grass Seed.....	36,595	36,105	-1.3	0.3	116,160	94,072	-19.0	0.2	38.4
Hay and Clover.....	153,385	162,136	5.7	1.2	478,328	517,478	8.2	0.9	31.3
<b>Other Crops.....</b>	<b>66,539</b>	<b>72,245</b>	<b>8.6</b>	<b>0.5</b>	<b>1,068,725</b>	<b>1,177,987</b>	<b>10.2</b>	<b>2.0</b>	<b>6.1</b>
Tobacco.....	-	-	...	...	101,319	110,786	9.3	0.2	...
Ginseng.....	-	-	...	...	274,426	239,332	-12.8	0.4	...
Maple Products.....	-	-	...	...	356,723	478,873	34.2	0.8	...
Forest Products.....	2,957	3,073	3.9	0.0	59,251	61,574	3.9	0.1	5.0
Christmas Trees.....	1,581	2,065	30.6	0.0	78,442	77,603	-1.1	0.1	2.7
Miscellaneous Crops.....	62,001	67,107	8.2	0.5	198,564	209,819	5.7	0.3	32.0
<b>Total Crops.....</b>	<b>6,164,439</b>	<b>6,672,149</b>	<b>8.2</b>	<b>49.5</b>	<b>31,937,252</b>	<b>33,788,338</b>	<b>5.8</b>	<b>56.3</b>	<b>19.7</b>
Livestock and Livestock Products Market Receipts									
Cattle and Calves.....	5,223,505	4,577,514	-12.4	33.9	10,497,539	8,638,739	-17.7	14.4	53.0
Hogs.....	411,752	395,833	-3.9	2.9	4,225,750	4,092,413	-3.2	6.8	9.7
Sheep.....	x	x	...	...	12,509	10,958	-12.4	0.0	...
Lambs.....	26,254	25,047	-4.6	0.2	175,893	168,931	-4.0	0.3	14.8
<b>Total Supply Management.....</b>	<b>890,596</b>	<b>927,951</b>	<b>4.2</b>	<b>6.9</b>	<b>9,847,988</b>	<b>10,156,215</b>	<b>3.1</b>	<b>16.9</b>	<b>9.1</b>
Dairy Products.....	544,106	561,055	3.1	4.2	6,028,764	6,174,235	2.4	10.3	9.1
Hens, Chickens and Turkeys....	263,175	274,901	4.5	2.0	2,793,491	2,870,307	2.7	4.8	9.6
Hatcheries and Eggs.....	83,315	91,995	10.4	0.7	1,025,733	1,111,673	8.4	1.9	8.3
Honey.....	82,601	68,214	-17.4	0.5	210,859	179,188	-15.0	0.3	38.1
Furs.....	x	x	...	...	168,418	98,594	-41.5	0.2	...
Miscellaneous Livestock .....	140,334	126,797	-9.6	0.9	494,504	451,378	-8.7	0.8	28.1
<b>Total Livestock.....</b>	<b>6,775,490</b>	<b>6,121,897</b>	<b>-9.6</b>	<b>45.4</b>	<b>25,633,460</b>	<b>23,796,416</b>	<b>-7.2</b>	<b>39.7</b>	<b>25.7</b>

Note: Interim and final payments received from the Canadian Wheat Board (wheat and barley) are included in the calendar year in which payments were received by producers.

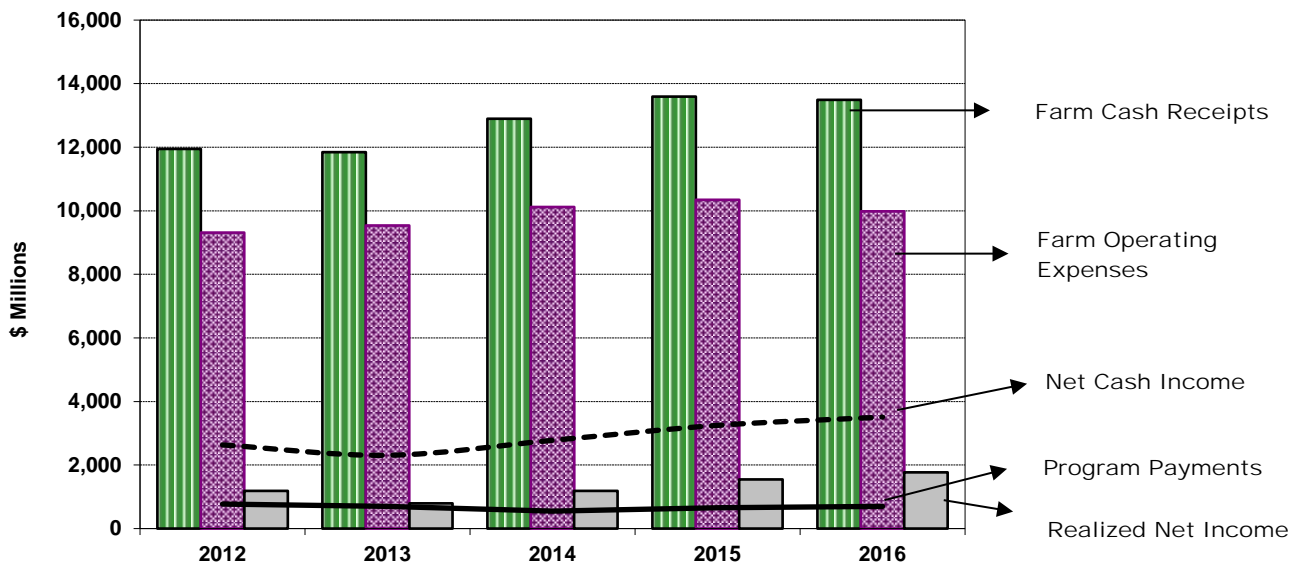
Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 2 (Cont'd.): Farm Cash Receipts by Type, Alberta and Canada, 2015 and 2016

	Alberta			% of Total	Canada			Alberta as a % of Canada	
	2015r	2016p	% Chg.		2015r	2016p	% of Total	2016	2016
	\$'000	\$'000			\$'000	\$'000			
Program Payments									
Crop Insurance.....	456,147	455,228	-0.2	3.4	1,107,471	1,045,184	-5.6	1.7	43.6
Private Hail Insurance.....	59,182	73,742	24.6	0.5	176,763	276,387	56.4	0.5	26.7
AgriStability.....	58,078	56,214	-3.2	0.4	295,718	311,025	5.2	0.5	18.1
AgriInvest.....	64,466	73,108	13.4	0.5	268,853	297,341	10.6	0.5	24.6
AgriRecovery.....	0	376	...	...	4,106	2,703	-34.2	0.0	13.9
Prov. Stabilization Payments.....	0	0	...	...	121,041	306,242	153.0	0.5	0.0
Other Payments.....	14,760	37,754	155.8	0.3	152,102	179,965	18.3	0.3	21.0
<b>Total Payments.....</b>	<b>652,633</b>	<b>696,422</b>	<b>6.7</b>	<b>5.2</b>	<b>2,126,054</b>	<b>2,418,847</b>	<b>13.8</b>	<b>4.0</b>	<b>28.8</b>
<b>Total Farm Cash Receipts.....</b>	<b>13,592,562</b>	<b>13,490,467</b>	<b>-0.8</b>	<b>100.0</b>	<b>59,696,765</b>	<b>60,003,600</b>	<b>0.5</b>	<b>100.0</b>	<b>22.5</b>

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 2 Alberta Farm Income Indicators, 2012-2016



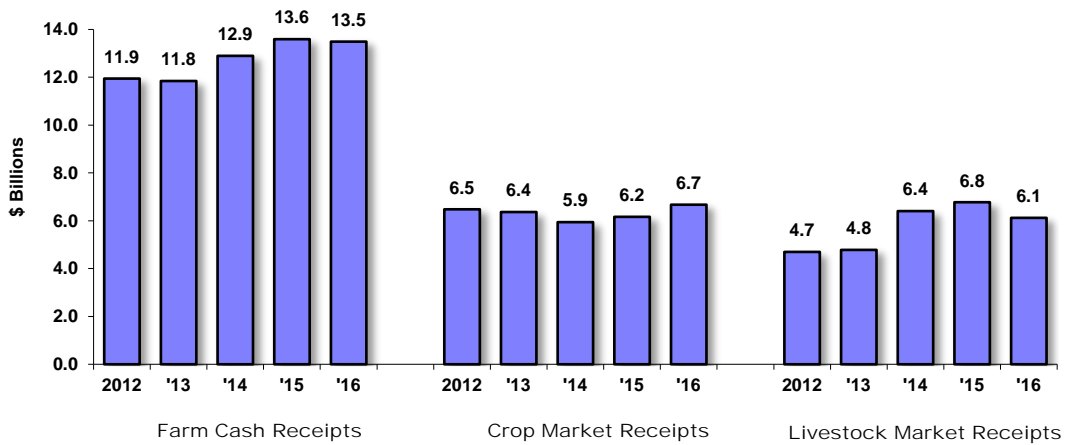
	\$ Millions				
	2012	2013	2014	2015	2016
<b>Farm Cash Receipts</b>	11,946	11,844	12,896	13,593	13,490
<b>Farm Operating Expenses</b>	9,313	9,537	10,119	10,345	9,982
<b>Realized Net Income</b>	1,187	789	1,186	1,543	1,774
<b>Net Cash Income</b>	2,633	2,307	2,777	3,248	3,508
<b>Program Payments</b>	772	696	549	653	696

Note: Farm operating expenses are after rebates and before depreciation.

Source: Statistics Canada, CANSIM Database Table Numbers 002-0001, 002-0005 and 002-0009; and Alberta Agriculture and Forestry, Statistics and Data Development Section

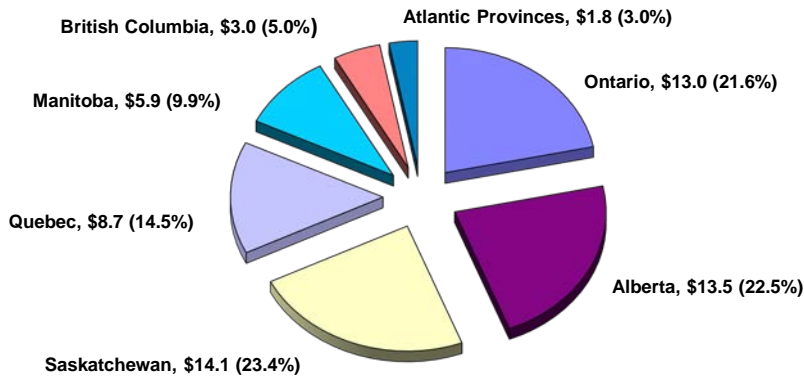


Fig. 3 Alberta Farm Cash Receipts, Crop Market Receipts and Livestock Market Receipts, 2012-2016



Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

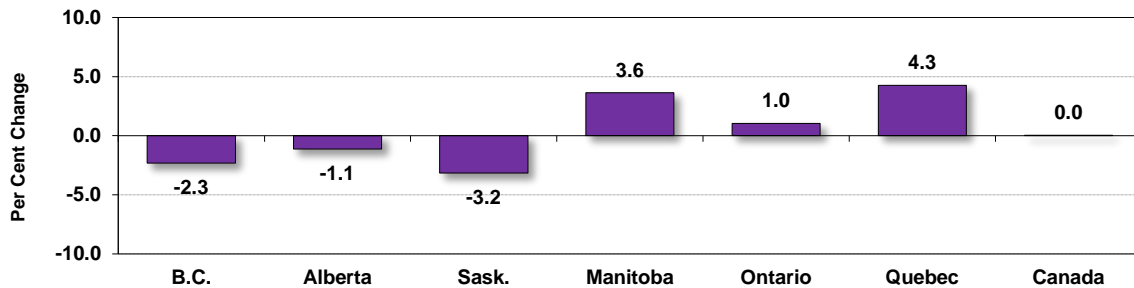
Fig. 4 Distribution of Canadian Farm Cash Receipts (\$ Billions), 2016



Total Canadian Farm Cash Receipts (including direct program payments to producers) in 2016 = \$60.0 Billion

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 5 Per Cent Change in Farm Market Receipts (Crops and Livestock), Canada and Selected Provinces, 2016/2015



Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 3: Alberta Farm Cash Receipts by Type, 1987-2016

	Market Receipts (Includes Crops and Livestock and Livestock Products)												Total Farm Cash Receipts	
	Crops			Livestock and Livestock Products			Livestock and Livestock Products			Program Payments				
	\$'000	% Chg.*	% of Total**	\$'000	% Chg.*	% of Total**	\$'000	% Chg.*	% of Total**	\$'000	% Chg.*	% of Total**		
	(1)			(2)			(3) = (1+2)			(4)				(5) = (3+4)
1987.....	1,313,560		32.5	1,919,707		47.5	3,233,267		80.1	805,522		19.9	4,038,789	
1988.....	1,637,745	24.7	36.7	2,081,308	8.4	46.6	3,719,053	15.0	83.2	748,287	-7.1	16.8	4,467,340	10.6
1989.....	1,860,196	13.6	40.4	2,179,241	4.7	47.4	4,039,437	8.6	87.8	560,032	-25.2	12.2	4,599,469	3.0
1990.....	1,641,397	-11.8	38.3	2,323,575	6.6	54.2	3,964,972	-1.8	92.6	318,119	-43.2	7.4	4,283,091	-6.9
1991.....	1,537,300	-6.3	36.3	2,256,090	-2.9	53.3	3,793,390	-4.3	89.6	441,528	38.8	10.4	4,234,918	-1.1
1992.....	1,502,321	-2.3	30.3	2,563,910	13.6	51.7	4,066,231	7.2	82.0	890,028	101.6	18.0	4,956,259	17.0
1993.....	1,562,256	4.0	30.9	2,925,608	14.1	57.8	4,487,864	10.4	88.6	576,163	-35.3	11.4	5,064,027	2.2
1994.....	2,162,536	38.4	38.7	3,036,576	3.8	54.4	5,199,112	15.8	93.2	382,209	-33.7	6.8	5,581,321	10.2
1995.....	2,625,273	21.4	44.0	3,166,414	4.3	53.0	5,791,687	11.4	97.0	177,378	-53.6	3.0	5,969,065	6.9
1996.....	2,974,815	13.3	45.6	3,401,506	7.4	52.1	6,376,321	10.1	97.7	151,886	-14.4	2.3	6,528,207	9.4
1997.....	2,637,771	-11.3	40.8	3,609,146	6.1	55.8	6,246,917	-2.0	96.6	217,729	43.4	3.4	6,464,646	-1.0
1998.....	2,469,562	-6.4	38.5	3,713,462	2.9	57.9	6,183,024	-1.0	96.3	235,094	8.0	3.7	6,418,118	-0.7
1999.....	2,341,324	-5.2	35.9	3,971,255	6.9	60.8	6,312,579	2.1	96.7	218,247	-7.2	3.3	6,530,826	1.8
2000.....	2,363,588	1.0	31.2	4,512,132	13.6	59.5	6,875,720	8.9	90.7	707,568	224.2	9.3	7,583,288	16.1
2001.....	2,304,066	-2.5	27.5	5,244,924	16.2	62.7	7,548,990	9.8	90.2	819,427	15.8	9.8	8,368,417	10.4
2002.....	2,214,838	-3.9	26.6	5,062,060	-3.5	60.9	7,276,898	-3.6	87.5	1,038,911	26.8	12.5	8,315,809	-0.6
2003.....	2,027,056	-8.5	28.5	3,706,561	-26.8	52.2	5,733,617	-21.2	80.7	1,368,011	31.7	19.3	7,101,628	-14.6
2004.....	2,656,410	31.0	33.1	3,914,271	5.6	48.8	6,570,681	14.6	82.0	1,442,688	5.5	18.0	8,013,369	12.8
2005.....	2,431,210	-8.5	30.8	4,357,604	11.3	55.1	6,788,814	3.3	85.9	1,116,969	-22.6	14.1	7,905,783	-1.3
2006.....	2,641,147	8.6	34.0	4,192,803	-3.8	53.9	6,833,950	0.7	87.9	945,114	-15.4	12.1	7,779,064	-1.6
2007.....	3,483,643	31.9	40.1	4,300,901	2.6	49.5	7,784,544	13.9	89.6	906,970	-4.0	10.4	8,691,514	11.7
2008.....	4,738,293	36.0	46.6	4,266,464	-0.8	41.9	9,004,757	15.7	88.5	1,173,763	29.4	11.5	10,178,520	17.1
2009.....	4,416,538	-6.8	47.4	4,079,805	-4.4	43.7	8,496,343	-5.6	91.1	829,738	-29.3	8.9	9,326,081	-8.4
2010.....	3,784,264	-14.3	42.0	4,399,754	7.8	48.9	8,184,018	-3.7	90.9	816,899	-1.5	9.1	9,000,917	-3.5
2011.....	5,189,051	37.1	50.4	4,419,074	0.4	42.9	9,608,125	17.4	93.4	681,316	-16.6	6.6	10,289,441	14.3
2012.....	6,476,214	24.8	54.2	4,698,008	6.3	39.3	11,174,222	16.3	93.5	771,606	13.3	6.5	11,945,828	16.1
2013.....	6,365,528	-1.7	53.7	4,782,214	1.8	40.4	11,147,742	-0.2	94.1	696,362	-9.8	5.9	11,844,104	-0.9
2014r.....	5,942,303	-6.6	46.1	6,404,302	33.9	49.7	12,346,605	10.8	95.7	549,219	-21.1	4.3	12,895,824	8.9
2015r.....	6,164,439	3.7	45.4	6,775,490	5.8	49.8	12,939,929	4.8	95.2	652,633	18.8	4.8	13,592,562	5.4
2016p.....	6,672,149	8.2	49.5	6,121,897	-9.6	45.4	12,794,046	-1.1	94.8	696,422	6.7	5.2	13,490,467	-0.8

\* Per cent change from previous year

\*\* Per cent of total farm cash receipts

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 4: Alberta Farm Cash Receipts from the Sale of Crops, 1987-2016

	Crop								
	Market Cash Receipts (1)	Wheat	Oats	Barley	Rye	Flaxseed	Canola	Sugar Beets	Dry Peas
\$'000									
1987.....	1,313,560	559,646	19,466	232,205	4,743	6,012	313,316	12,680	3,944
1988.....	1,637,745	686,440	65,551	256,552	7,720	7,217	437,847	19,380	9,595
1989.....	1,860,196	690,843	89,531	376,767	5,921	6,448	419,740	23,342	12,476
1990.....	1,641,397	713,863	37,577	272,197	5,442	8,349	336,232	26,586	10,818
1991.....	1,537,300	685,230	22,770	225,109	4,688	5,128	320,224	20,877	16,933
1992.....	1,502,321	604,720	39,803	192,114	4,628	5,912	388,758	17,277	21,986
1993.....	1,562,256	593,161	50,206	189,381	5,087	9,312	414,540	21,965	29,910
1994.....	2,162,536	840,653	45,835	265,713	6,318	9,186	773,332	26,627	50,332
1995.....	2,625,273	1,064,743	70,856	332,953	7,305	8,933	709,701	32,401	60,518
1996.....	2,974,815	1,241,345	88,387	470,725	7,330	9,094	794,467	27,008	59,406
1997.....	2,637,771	1,012,666	52,002	324,076	6,691	7,481	755,087	30,062	59,277
1998.....	2,469,562	863,418	34,220	198,273	4,182	7,832	881,378	38,402	59,516
1999.....	2,341,324	975,506	22,980	174,266	3,632	5,118	608,212	29,651	57,229
2000.....	2,363,588	959,622	20,708	220,607	2,978	5,616	556,266	32,899	53,893
2001.....	2,304,066	938,302	31,469	213,676	3,520	4,379	584,239	19,333	70,349
2002.....	2,214,838	817,337	42,195	159,809	2,718	4,897	530,186	20,072	48,053
2003.....	2,027,056	652,550	20,742	156,647	1,519	3,953	624,433	22,732	58,140
2004.....	2,656,410	964,469	23,715	209,184	9,748	7,695	785,822	30,921	78,434
2005.....	2,431,210	800,040	39,939	140,403	2,930	4,278	742,610	32,140	78,000
2006.....	2,641,147	816,087	30,535	143,172	5,350	3,295	990,705	38,180	81,637
2007.....	3,483,643	1,239,947	38,799	340,801	8,673	7,318	1,207,425	34,726	113,003
2008.....	4,738,293	1,870,461	28,308	388,240	9,693	8,784	1,855,050	23,543	122,289
2009.....	4,416,538	1,691,336	27,015	267,130	4,584	7,158	1,647,729	22,690	133,833
2010.....	3,784,264	1,142,010	32,335	161,321	5,241	8,396	1,694,906	23,222	151,316
2011.....	5,189,051	1,594,004	48,160	247,647	7,808	8,320	2,626,269	36,061	255,315
2012.....	6,476,214	2,104,347	126,191	303,318	9,287	21,733	3,076,848	x	291,010
2013.....	6,365,528	2,243,959	41,272	469,441	5,475	19,010	2,575,760	x	325,785
2014r.....	5,942,303	1,919,786	33,271	330,317	3,405	23,823	2,513,462	x	306,838
2015r.....	6,164,439	1,982,908	37,355	362,939	3,910	27,756	2,641,074	x	351,246
2016p.....	6,672,149	1,896,527	30,564	268,291	3,982	18,395	2,850,077	x	637,892

(1) Includes market receipts only (does not include program payments).

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 4 (Cont'd.): Alberta Farm Cash Receipts from the Sale of Crops,  
1987-2016

	Mustard Seed	Sunflower Seed	Lentils	Forage and Grass Seed	Hay and Clover	Potatoes	Total Vegetables	Floriculture, Nursery and Sod	Other Crops (2)
\$'000									
1987.....	6,151	1,045	1,641	18,269	8,031	34,324	30,846	43,729	17,512
1988.....	5,649	776	1,682	23,838	12,390	41,471	35,018	54,432	-27,813
1989.....	7,431	701	800	14,400	18,709	43,135	37,294	53,639	59,019
1990.....	6,622	463	852	15,709	16,802	40,141	45,412	62,984	41,348
1991.....	6,181	603	1,259	13,497	18,473	39,103	36,254	56,139	64,832
1992.....	6,763	796	2,619	23,186	26,409	38,892	38,964	66,295	23,199
1993.....	6,180	1,089	2,270	24,959	42,505	52,960	45,300	61,511	11,920
1994.....	8,225	943	3,362	22,256	47,372	44,981	x	58,129	-40,728
1995.....	14,227	1,764	6,553	18,716	65,316	57,362	51,534	61,188	61,203
1996.....	16,628	1,499	4,620	30,407	60,338	61,515	52,713	54,713	-5,380
1997.....	14,897	1,065	2,022	29,860	82,867	52,140	56,676	68,349	82,553
1998.....	15,022	1,277	2,253	30,757	85,679	63,862	60,365	54,515	68,611
1999.....	12,959	1,102	3,469	40,601	95,346	74,892	53,706	66,136	116,519
2000.....	6,592	1,456	3,406	42,091	123,065	113,095	63,537	90,203	67,554
2001.....	4,451	1,633	1,875	19,804	145,714	107,144	65,364	99,306	-6,492
2002.....	7,959	1,597	900	22,999	151,870	146,783	61,873	103,129	92,461
2003.....	11,582	1,537	1,578	21,381	122,792	133,474	68,802	95,156	30,038
2004.....	14,803	788	2,232	17,532	114,801	164,615	77,982	97,665	56,004
2005.....	12,172	0	1,761	29,675	96,176	138,406	80,705	113,123	118,852
2006.....	6,662	-	2,112	41,626	94,219	152,116	82,009	130,982	22,460
2007.....	21,444	-	618	37,236	101,533	139,201	66,426	136,835	-10,342
2008.....	25,097	-	0	28,424	87,339	154,802	59,075	119,717	-42,529
2009.....	22,356	-	7,319	21,941	108,436	163,811	62,568	121,164	107,468
2010.....	21,316	-	18,636	17,789	104,103	152,880	61,857	122,937	65,999
2011.....	17,545	-	32,726	20,773	77,705	142,186	68,897	121,884	-116,249
2012.....	16,441	-	22,180	28,682	95,009	174,737	74,769	118,056	13,606
2013.....	27,032	-	33,120	29,144	100,507	160,794	86,072	122,943	125,214
2014r.....	25,428	-	49,078	24,042	117,372	170,141	92,695	134,798	197,847
2015r.....	28,543	-	107,477	36,595	153,385	190,460	97,516	135,129	8,146
2016p.....	32,868	-	224,272	36,105	162,136	237,761	100,637	127,231	45,411

(2) Other crops include strawberries, other berries and grapes, corn, forest products and miscellaneous crops plus net deferments. As of 2012, also includes sugar beets.

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 5: Alberta Farm Cash Receipts from the Sale of Livestock, 1987-2016

	Livestock Market Cash Receipts (1)	Cattle and Calves	Hogs	Sheep and Lambs (2)	Supply Management				Other Livestock and Products	
					Total Supply Mgmt.	Dairy Products	Chickens, Hens and Turkeys	Eggs and Hatcheries		Honey
\$'000										
1987.....	1,919,707	1,224,926	287,590	9,247	354,171	221,104	92,143	40,924	12,502	31,271
1988.....	2,081,308	1,400,573	259,397	7,978	368,728	238,186	87,729	42,813	10,139	34,493
1989.....	2,179,241	1,474,780	265,031	8,695	386,966	246,982	96,267	43,717	9,001	34,768
1990.....	2,323,575	1,573,696	298,895	8,081	397,210	251,207	104,035	41,968	11,666	34,027
1991.....	2,256,090	1,537,410	276,091	7,386	393,359	250,093	99,609	43,657	11,666	30,178
1992.....	2,563,910	1,815,960	276,903	13,245	392,086	248,537	97,595	45,954	13,001	52,715
1993.....	2,925,608	2,109,871	322,885	14,513	395,852	244,663	103,708	47,481	13,352	69,135
1994.....	3,036,576	2,191,208	315,333	13,100	421,021	257,843	112,680	50,498	15,609	80,305
1995.....	3,166,414	2,221,065	381,812	14,394	430,846	265,643	112,404	52,799	19,689	98,608
1996.....	3,401,506	2,347,628	444,585	17,145	471,041	290,753	125,115	55,173	19,693	101,414
1997.....	3,609,146	2,541,552	438,374	15,297	484,647	316,826	129,373	38,448	22,857	106,419
1998.....	3,713,462	2,763,190	309,938	12,763	485,205	311,460	136,058	37,687	30,734	111,632
1999.....	3,971,255	2,968,144	344,341	13,385	498,662	327,063	133,836	37,763	25,832	120,891
2000.....	4,512,132	3,340,203	496,616	16,080	495,745	318,454	138,249	39,042	19,911	143,577
2001.....	5,244,924	3,918,165	572,119	14,050	547,600	348,378	156,730	42,492	24,312	168,678
2002.....	5,062,060	3,845,765	437,343	19,118	555,215	366,827	143,638	44,750	45,679	158,940
2003.....	3,706,561	2,512,011	427,552	15,799	579,715	384,704	149,290	45,721	57,450	114,034
2004.....	3,914,271	2,571,540	564,882	12,092	595,024	382,979	161,594	50,451	53,075	117,658
2005.....	4,357,604	3,032,268	522,224	17,801	611,693	398,675	165,771	47,247	39,229	134,389
2006.....	4,192,803	2,939,546	475,765	18,527	590,562	382,094	161,726	46,742	40,247	128,156
2007.....	4,300,901	3,024,332	444,386	20,563	654,205	426,818	180,217	47,170	36,494	120,921
2008.....	4,266,464	2,966,595	411,755	17,615	723,978	459,317	208,853	55,808	34,423	112,098
2009.....	4,079,805	2,863,875	331,151	16,897	723,526	462,344	206,158	55,024	44,293	100,063
2010.....	4,399,754	3,121,625	368,597	17,596	738,835	478,363	204,689	55,783	53,199	99,902
2011.....	4,419,074	3,025,722	416,649	21,562	805,024	504,142	237,141	63,741	57,963	92,154
2012.....	4,698,008	3,254,744	412,639	17,971	850,103	520,665	259,157	70,281	64,579	97,972
2013.....	4,782,214	3,319,944	419,089	14,229	858,114	514,937	262,405	80,772	71,033	99,805
2014r.....	6,404,302	4,812,959	498,097	19,241	863,849	530,455	251,804	81,590	76,966	133,190
2015r.....	6,775,490	5,223,505	411,752	26,254	890,596	544,106	263,175	83,315	82,601	140,782
2016p.....	6,121,897	4,577,514	395,833	25,047	927,951	561,055	274,901	91,995	68,214	127,338

(1) Includes market receipts only (does not include program payments).

(2) In 2005, and 2009 through 2016 only includes farm cash receipts for lambs as sheep was confidential.

Source: Statistics Canada, CANSIM Database Table Number 002-0001; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 6: Alberta Farm Operating Expenses and Depreciation, 1987-2016

	Property Taxes	Cash and Share Rent	Cash Wages, Room and Board	Net Interest Payments	Interest Rebates	Net Heating Fuel	Heating Fuel Rebates	Machine Repairs and Other
\$'000								
1987.....	70,149	154,113	297,263	437,030	16,260	28,753	2,743	312,081
1988.....	73,023	178,018	279,957	395,963	12,532	23,547	3,975	312,724
1989.....	77,731	193,581	299,212	389,571	10,322	26,940	2,813	349,523
1990.....	83,221	193,583	311,033	397,129	9,954	29,520	2,294	362,680
1991.....	86,581	191,491	320,431	486,373	9,378	31,561	2,600	362,209
1992.....	89,763	200,742	330,312	431,422	9,136	32,044	300	367,851
1993.....	92,579	223,028	350,243	421,382	8,907	37,215	0	388,268
1994.....	97,347	230,911	385,411	451,622	9,308	43,312	0	419,988
1995.....	101,677	245,485	397,238	484,555	7,150	40,956	0	424,188
1996.....	101,840	273,794	419,792	461,133	8,108	44,167	0	434,102
1997.....	104,985	276,068	443,858	433,811	7,370	42,956	0	428,979
1998.....	106,035	280,876	451,559	488,807	4,956	41,254	0	423,670
1999.....	104,975	289,707	477,408	528,940	4,010	49,524	0	443,786
2000.....	104,965	293,230	488,071	570,609	6,109	58,734	2,700	456,002
2001.....	100,254	306,339	510,367	564,618	5,588	63,023	13,000	469,118
2002.....	95,300	317,700	528,599	515,389	5,914	55,635	199	482,612
2003.....	95,130	329,197	521,161	514,223	5,802	75,386	2,133	481,550
2004.....	95,330	325,664	514,865	496,236	5,591	74,678	3,702	488,187
2005.....	94,337	329,745	535,821	495,519	5,076	84,020	3,511	502,229
2006.....	93,709	337,219	548,607	578,406	4,837	75,454	6,279	500,754
2007.....	92,491	372,553	561,699	633,767	3,902	79,126	3,134	533,699
2008.....	93,878	444,791	586,270	651,387	2,916	86,508	4,004	552,863
2009.....	95,756	417,875	588,603	523,032	1,933	70,217	3,792	551,790
2010.....	96,618	435,848	617,277	508,428	1,295	73,964	0	555,116
2011.....	96,134	486,702	623,450	521,752	0	73,224	0	582,872
2012.....	100,171	518,762	673,326	541,708	0	60,043	0	614,930
2013.....	105,180	576,400	690,159	595,324	0	65,447	0	627,229
2014.....	109,387	560,368	707,413	613,588	0	82,464	0	664,863
2015r.....	112,997	591,747	725,098	644,406	0	67,620	0	694,782
2016p.....	119,550	631,491	743,226	655,952	0	58,221	0	715,625

Source: Statistics Canada, CANSIM Database Table Number 002-0005; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 6 (Cont'd.): Alberta Farm Operating Expenses and Depreciation,  
1987-2016

	Net Machinery Fuel	Machinery Fuel Rebates	Net Fertilizer and Lime Purchases	Fertilizer and Lime Rebates	Other Net Crop Expenses (1)	Net Commercial Feed Purchases	Commercial Feed Rebates	Livestock and Poultry Purchases
\$'000								
1987.....	190,802	7,836	258,167	16,420	285,913	201,336	71,530	309,086
1988.....	197,379	7,130	266,985	16,146	300,280	286,467	47,262	306,019
1989.....	210,055	4,758	290,624	18,143	349,000	351,437	47,614	343,527
1990.....	275,213	3,822	274,108	19,666	314,566	304,741	38,752	311,343
1991.....	260,285	3,037	262,887	20,575	310,371	284,925	33,358	310,081
1992.....	244,926	283	302,421	6,229	299,709	303,025	43,658	360,716
1993.....	272,427	0	331,613	0	339,555	343,668	43,254	505,337
1994.....	307,670	0	404,855	0	399,072	448,265	35,452	485,562
1995.....	323,419	0	466,420	0	446,862	614,783	8,750	421,404
1996.....	345,783	0	511,742	0	496,058	723,615	0	359,280
1997.....	352,695	0	474,698	0	536,574	820,146	0	534,495
1998.....	309,773	0	482,946	0	552,029	831,461	0	646,744
1999.....	315,717	0	476,887	0	570,248	778,338	0	959,764
2000.....	384,869	0	513,237	0	555,806	858,881	0	1,088,588
2001.....	381,717	0	556,862	0	582,673	1,007,575	0	1,048,436
2002.....	336,526	0	546,838	0	613,849	1,300,213	0	630,026
2003.....	360,741	0	590,585	0	708,377	1,117,687	0	629,363
2004.....	390,313	0	602,397	0	710,117	960,783	0	664,532
2005.....	488,784	0	613,351	0	746,399	897,809	0	843,816
2006.....	518,804	0	659,243	0	767,457	895,569	0	789,772
2007.....	540,276	0	794,656	0	825,341	1,107,912	0	638,896
2008.....	649,198	0	973,848	0	1,052,911	1,246,000	0	648,424
2009.....	474,549	0	1,007,583	0	1,070,614	1,157,596	0	665,651
2010.....	501,318	0	900,789	0	1,095,746	1,018,860	0	795,397
2011.....	616,119	0	1,103,467	0	1,204,959	1,069,803	0	874,581
2012.....	643,845	0	1,412,438	0	1,365,143	1,223,855	0	881,813
2013.....	676,037	0	1,306,505	0	1,514,403	1,272,809	0	813,072
2014r.....	723,359	0	1,339,168	0	1,447,766	1,247,353	0	1,246,403
2015r.....	578,687	0	1,325,776	0	1,442,485	1,328,431	0	1,419,731
2016p.....	527,184	0	1,182,592	0	1,543,283	1,400,166	0	966,746

(1) Other Net Crop Expenses include pesticides, commercial seed, irrigation, crop and hail insurance premiums and twine/wire/containers.

Source: Statistics Canada, CANSIM Database Table Number 002-0005; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 6 (Cont'd.): Alberta Farm Operating Expenses and Depreciation,  
1987-2016

	Repairs to Buildings and Fences	Electricity and Telephone	Misc. (2)	Operating Expenses After Rebates	Depreciation on Buildings	Depreciation on Machinery	Total Depreciation	Total Expenses After Rebates Including Depreciation
\$'000								
1987.....	98,813	83,064	273,587	3,000,157	92,528	593,927	686,455	3,686,612
1988.....	97,155	86,472	303,969	3,107,958	91,662	594,835	686,497	3,794,455
1989.....	93,286	92,178	354,593	3,421,258	102,907	613,341	716,248	4,137,506
1990.....	101,047	97,161	351,845	3,407,190	110,192	635,196	745,388	4,152,578
1991.....	102,381	103,834	427,886	3,541,296	107,711	618,859	726,570	4,267,866
1992.....	105,285	110,314	467,057	3,645,587	103,490	614,152	717,642	4,363,229
1993.....	115,976	119,670	472,230	4,013,191	103,495	631,920	735,415	4,748,606
1994.....	127,565	128,366	414,159	4,344,105	113,442	672,385	785,827	5,129,932
1995.....	124,698	140,568	416,677	4,648,930	130,539	719,751	850,290	5,499,220
1996.....	136,269	148,520	419,449	4,875,544	143,410	780,346	923,756	5,799,300
1997.....	137,813	153,901	385,953	5,126,932	160,864	827,614	988,478	6,115,410
1998.....	134,486	146,933	379,717	5,276,290	172,513	863,876	1,036,389	6,312,679
1999.....	136,874	151,036	434,472	5,717,676	179,748	893,053	1,072,801	6,790,477
2000.....	143,403	161,120	470,866	6,148,381	189,743	895,230	1,084,973	7,233,354
2001.....	146,742	176,872	543,956	6,458,552	199,448	922,739	1,122,187	7,580,739
2002.....	139,953	206,182	552,304	6,321,126	205,405	906,122	1,111,527	7,432,653
2003.....	141,821	215,537	543,109	6,323,867	209,345	935,091	1,144,436	7,468,303
2004.....	143,714	205,897	562,323	6,235,036	215,690	924,891	1,140,581	7,375,617
2005.....	148,488	206,446	582,269	6,569,034	219,253	963,359	1,182,611	7,751,645
2006.....	148,480	223,638	619,313	6,756,426	221,197	973,363	1,194,559	7,950,985
2007.....	156,208	242,339	647,824	7,226,787	235,145	1,003,572	1,238,716	8,465,503
2008.....	162,773	246,727	675,508	8,071,086	261,252	1,021,176	1,282,428	9,353,513
2009.....	159,014	229,412	690,412	7,702,104	258,619	1,077,108	1,335,727	9,037,831
2010.....	160,918	225,973	748,406	7,734,658	265,365	1,057,933	1,323,298	9,057,957
2011.....	154,481	250,197	834,307	8,492,047	269,619	1,123,378	1,392,998	9,885,045
2012.....	164,522	271,122	841,471	9,313,149	281,138	1,173,316	1,454,453	10,767,602
2013.....	169,458	268,166	856,768	9,536,957	291,361	1,236,326	1,527,688	11,064,645
2014r.....	177,931	264,948	933,610	10,118,620	295,694	1,307,277	1,602,971	11,721,591
2015r.....	190,386	256,276	966,410	10,344,832	296,265	1,422,220	1,718,484	12,063,316
2016p.....	198,001	237,101	1,003,169	9,982,307	289,428	1,456,209	1,745,637	11,727,944

(2) Miscellaneous expenses include business insurance, custom work, stabilization premiums, artificial insemination and veterinary fees, legal and accounting fees and other expenses, less any other rebates.

Source: Statistics Canada, CANSIM Database Table Number 002-0005; and Alberta Agriculture and Forestry, Statistics and Data Development Section



Table 7: Alberta Net Farm Income, 1987-2016

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Total Farm Cash Receipts	Operating Expenses After Rebates	(1-2) Net Cash Income	Income in Kind	Depreciation Charges	(3+4-5) Realized Net Income	Value of Inventory Change	Total Net Farm Income
	\$'000							
1987.....	4,038,789	3,000,157	1,038,632	13,685	686,455	365,862	23,555	389,417
1988.....	4,467,340	3,107,958	1,359,382	13,229	686,497	686,114	85,899	772,013
1989.....	4,599,469	3,421,258	1,178,211	13,130	716,248	475,093	99,799	574,892
1990.....	4,283,091	3,407,190	875,901	13,139	745,388	143,652	202,391	346,043
1991.....	4,234,918	3,541,296	693,622	12,326	726,570	-20,622	164,210	143,588
1992.....	4,956,259	3,645,587	1,310,672	12,830	717,642	605,860	-160,060	445,800
1993.....	5,064,027	4,013,191	1,050,836	14,955	735,415	330,376	601,179	931,555
1994.....	5,581,321	4,344,105	1,237,216	15,549	785,827	466,938	103,018	569,956
1995.....	5,969,065	4,648,930	1,320,135	15,153	850,290	484,998	396,563	881,561
1996.....	6,528,207	4,875,544	1,652,663	16,518	923,756	745,425	13,800	759,225
1997.....	6,464,646	5,126,932	1,337,714	9,305	988,478	358,541	-61,562	296,979
1998.....	6,418,118	5,276,290	1,141,828	8,631	1,036,389	114,070	190,282	304,352
1999.....	6,530,826	5,717,676	813,150	8,402	1,072,801	-251,249	491,929	240,680
2000.....	7,583,288	6,148,381	1,434,907	9,048	1,084,973	358,982	29,821	388,803
2001.....	8,368,417	6,458,552	1,909,865	8,977	1,122,187	796,655	-258,676	537,979
2002.....	8,315,809	6,321,126	1,994,683	8,386	1,111,527	891,542	-1,066,029	-174,487
2003.....	7,101,628	6,323,867	777,761	8,302	1,144,436	-358,373	941,157	582,784
2004.....	8,013,369	6,235,036	1,778,333	10,880	1,140,581	648,632	507,193	1,155,825
2005.....	7,905,783	6,569,034	1,336,750	14,449	1,182,611	168,588	287,055	455,642
2006.....	7,779,064	6,756,426	1,022,638	10,876	1,194,559	-161,045	-286,598	-447,642
2007.....	8,691,514	7,226,787	1,464,727	8,154	1,238,716	234,164	-289,055	-54,891
2008.....	10,178,520	8,071,086	2,107,434	8,051	1,282,428	833,057	738,440	1,571,498
2009.....	9,326,081	7,702,104	1,623,977	7,011	1,335,727	295,261	-623,961	-328,700
2010.....	9,000,917	7,734,658	1,266,258	7,497	1,323,298	-49,543	321,963	272,420
2011.....	10,289,441	8,492,047	1,797,394	8,728	1,392,998	413,124	526,436	939,560
2012.....	11,945,828	9,313,149	2,632,679	8,653	1,454,453	1,186,878	-517,981	668,897
2013.....	11,844,104	9,536,957	2,307,146	9,296	1,527,688	788,755	1,727,135	2,515,890
2014r.....	12,895,824	10,118,620	2,777,203	12,126	1,602,971	1,186,358	-777,355	409,003
2015r.....	13,592,562	10,344,832	3,247,731	13,658	1,718,484	1,542,904	-241,638	1,301,266
2016p.....	13,490,467	9,982,307	3,508,161	11,856	1,745,637	1,774,379	308,054	2,082,433

Source: Statistics Canada, CANSIM Database Table Numbers 002-0001, 002-0005, and 002-0009; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 8: Value of Alberta Farm Capital and Value Per Acre of Farm Land and Buildings, at July 1, 1987-2016

	Livestock and Poultry	Land and Buildings	Machinery and Equipment	Total Farm Capital	Value of Farm Land and Buildings (1)
	\$'000				\$/Acre
1987.....	2,796,853	19,744,120	5,409,712	27,950,685	386
1988.....	3,048,758	19,159,142	5,523,052	27,730,952	374
1989.....	3,236,197	21,091,994	5,790,087	30,118,278	411
1990.....	3,351,948	22,169,169	6,124,730	31,645,847	432
1991.....	3,499,557	21,291,475	6,079,438	30,870,470	414
1992.....	3,394,565	20,798,399	5,982,777	30,175,741	405
1993.....	4,087,167	21,147,301	6,209,895	31,444,363	413
1994.....	4,637,627	23,017,810	6,640,116	34,295,553	450
1995.....	4,191,096	26,302,921	7,109,304	37,603,321	515
1996.....	3,792,358	28,696,985	7,458,676	39,948,019	553
1997.....	4,581,994	31,761,777	7,767,975	44,111,746	611
1998.....	4,766,483	34,217,431	8,258,258	47,242,172	658
1999.....	5,235,172	35,894,547	8,545,928	49,675,647	690
2000.....	6,294,818	37,520,833	8,588,902	52,404,553	721
2001.....	6,872,033	38,872,514	8,684,163	54,428,710	747
2002.....	5,938,611	41,970,588	8,902,738	56,811,937	806
2003.....	4,745,685	44,950,634	9,072,927	58,769,246	863
2004.....	3,791,175	48,505,355	9,219,494	61,516,024	931
2005.....	4,650,202	52,739,434	9,467,913	66,857,549	1,012
2006.....	5,415,571	57,101,345	9,680,138	72,197,054	1,095
2007.....	5,188,070	62,315,967	9,826,559	77,330,596	1,203
2008.....	4,469,827	71,100,340	9,961,453	85,531,619	1,381
2009.....	4,314,929	72,947,427	10,188,996	87,451,352	1,426
2010.....	4,474,378	76,932,467	10,600,968	92,007,812	1,514
2011.....	5,686,741	80,371,125	10,933,208	96,991,073	1,592
2012.....	6,236,200	87,296,486	11,434,688	104,967,374	1,725
2013.....	5,818,758	98,138,012	12,134,132	116,090,902	1,934
2014r.....	8,518,432	106,399,668	12,777,401	127,695,501	2,092
2015r.....	10,819,915	116,325,913	13,494,178	140,640,006	2,282
2016p.....	7,989,160	127,016,602	14,103,475	149,109,237	2,485

(1) Value per acre of farm land and buildings, at July 1, reflects the value of all farm land, including pasture and unimproved land, plus the value of farm houses, buildings, and other structures.

Source: Statistics Canada, CANSIM Database Table Numbers 002-0003 and 002-0007; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 9: Alberta Farm Debt Outstanding by Lender, at December 31, 1987-2016

	Chartered Banks	Federal Gov't Agencies (1)	Provincial Gov't Agencies (2)	Credit Unions	Other (3)	Advance Payment Programs	Total Debt at Year End
\$'000							
1987.....	2,353,990	663,140	1,698,125	181,000	513,730	81,298	5,491,283
1988.....	2,385,487	568,601	1,735,406	146,000	547,821	85,954	5,469,269
1989.....	2,611,875	487,126	1,899,786	176,000	547,821	21,397	5,744,005
1990.....	2,669,062	428,274	1,930,615	216,750	615,308	318,985	6,178,994
1991.....	2,868,250	409,507	1,994,467	222,000	615,308	291,912	6,401,444
1992.....	2,787,663	386,705	1,971,709	228,500	594,548	257,810	6,226,935
1993.....	2,957,253	370,798	1,974,000	236,000	576,623	244,935	6,359,609
1994.....	3,078,729	384,142	1,963,940	249,750	578,059	144,294	6,398,914
1995.....	3,177,512	449,450	1,950,592	278,750	630,834	145,580	6,632,718
1996.....	3,247,877	550,539	1,810,124	311,500	798,809	175,356	6,894,205
1997.....	3,673,817	702,042	1,741,163	344,250	965,123	113,846	7,540,241
1998.....	4,137,918	806,589	1,753,953	389,500	969,355	116,561	8,173,876
1999.....	4,456,500	927,045	1,793,995	411,257	985,014	118,617	8,692,428
2000.....	4,613,459	951,550	1,976,111	458,031	1,030,569	132,329	9,162,049
2001.....	4,675,587	1,076,162	2,114,858	508,550	1,076,122	109,799	9,561,078
2002.....	4,775,517	1,182,368	2,171,862	554,094	1,181,570	50,904	9,916,315
2003.....	5,046,257	1,366,847	2,333,345	604,241	1,155,822	106,754	10,613,266
2004.....	5,029,303	1,610,617	2,247,985	650,994	1,256,157	85,938	10,880,994
2005.....	5,029,246	1,895,609	2,253,519	673,517	1,017,811	109,656	10,979,358
2006.....	5,080,269	2,168,670	2,303,300	711,918	1,179,664	138,825	11,582,646
2007.....	5,135,147	2,460,342	2,333,473	724,204	1,127,318	129,774	11,910,258
2008.....	5,470,315	2,866,816	2,390,460	732,039	1,468,244	219,358	13,147,232
2009.....	5,186,997	3,384,132	2,495,938	692,847	1,835,466	202,081	13,797,461
2010.....	5,759,885	3,667,581	2,629,920	684,144	1,670,056	173,830	14,585,416
2011.....	6,025,203	3,956,736	2,845,357	692,342	1,230,606	192,159	14,942,403
2012.....	5,971,910	4,348,093	3,239,532	722,024	1,588,015	156,949	16,026,523
2013.....	6,461,091	4,529,680	3,625,182	779,697	2,219,793	352,152	17,967,595
2014r.....	7,068,461	4,710,953	4,216,986	796,280	1,749,525	387,058	18,929,263
2015r.....	7,777,639	4,823,147	4,652,763	851,982	1,962,180	345,335	20,413,046
2016p.....	7,847,797	5,168,907	4,895,879	897,940	2,151,179	361,024	21,322,726

(1) Includes loans made through the Farm Credit Corporation and Business Development Bank of Canada.

(2) Includes loans made through Alberta Treasury Branches and the Alberta Agriculture Financial Services Corporation.

(3) Includes insurance, trust companies, supply companies, private individuals and others.

Source: Statistics Canada, CANSIM Database Table Number 002-0008; and Alberta Agriculture and Forestry, Statistics and Data Development Section



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Table 10: Population of Canada and Provinces on July 1, 2002-2016

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alberta	B.C.	Yukon/ NWT (1)	Canada
<b>Number of Persons</b>												
2002.....	519,483	136,876	935,155	749,379	7,441,498	12,093,299	1,156,636	996,816	3,128,262	4,100,161	100,853	31,358,418
2003.....	518,445	137,221	937,676	749,434	7,485,491	12,243,758	1,163,528	996,431	3,182,852	4,123,937	102,857	31,641,630
2004.....	517,402	137,681	939,612	749,408	7,535,278	12,390,068	1,173,223	997,312	3,238,387	4,155,017	104,616	31,938,004
2005.....	514,315	138,064	937,899	748,044	7,581,192	12,527,990	1,178,296	993,523	3,321,638	4,195,764	105,639	32,242,364
2006.....	510,584	137,865	937,869	745,609	7,631,873	12,661,566	1,183,524	992,302	3,421,361	4,241,691	106,261	32,570,505
2007.....	509,039	137,721	935,071	745,407	7,692,736	12,764,195	1,189,366	1,002,048	3,514,031	4,290,988	107,326	32,887,928
2008.....	511,543	138,764	935,865	746,855	7,761,504	12,882,625	1,197,774	1,017,346	3,595,755	4,349,412	108,330	33,245,773
2009.....	516,729	139,909	938,194	749,954	7,843,475	12,997,687	1,208,589	1,034,782	3,679,092	4,410,679	109,481	33,628,571
2010.....	521,972	141,678	942,073	753,044	7,929,365	13,135,063	1,220,930	1,051,425	3,732,573	4,465,924	111,227	34,005,274
2011.....	525,037	144,038	944,469	755,530	8,007,656	13,263,544	1,233,728	1,066,349	3,790,191	4,499,139	113,099	34,342,780
2012r.....	526,450	145,080	944,943	756,777	8,085,906	13,413,702	1,250,265	1,086,018	3,880,755	4,546,290	114,359	34,750,545
2013r.....	527,409	145,178	943,538	755,842	8,155,505	13,556,229	1,265,597	1,104,990	3,996,620	4,589,041	115,502	35,155,451
2014r.....	528,333	145,832	943,294	754,865	8,214,503	13,685,171	1,280,953	1,121,285	4,108,283	4,645,261	116,784	35,544,564
2015r.....	528,676	146,736	943,373	754,309	8,259,452	13,797,038	1,295,981	1,132,263	4,179,660	4,692,953	118,169	35,848,610
2016p.....	530,128	148,649	949,501	756,780	8,326,089	13,982,984	1,318,128	1,150,632	4,252,879	4,751,612	119,043	36,286,425
<b>Five-Year % Change: 2016/2012</b>	0.7	2.5	0.5	0.0	3.0	4.2	5.4	5.9	9.6	4.5	4.1	4.4
<b>% Share of Canada in 2016</b>	1.5	0.4	2.6	2.1	22.9	38.5	3.6	3.2	11.7	13.1	0.3	100.0

(1) Includes Yukon, Northwest Territories and Nunavut.

Source: Statistics Canada, CANSIM Database Table Number 051-0001

Table 11: Alberta Urban and Rural Population (1), 1981-2016

	1981	1986	1991	1996	2001	2006	2011	2016	% Chg. '16/'11
<b>Number of Persons</b>									
<b>Total Population (2).....</b>	<b>1,838,035</b>	<b>2,237,724</b>	<b>2,365,830</b>	<b>2,545,555</b>	<b>2,696,826</b>	<b>2,974,807</b>	<b>3,290,350</b>	<b>4,067,175</b>	<b>23.6</b>
% Change From Previous Census.....	21.7	5.7	7.6	5.9	10.3	10.6	10.8	23.6	...
0 to 14 Years.....	541,670	561,350	601,110	614,485	617,585	631,520	684,790	779,155	13.8
15 to 64 Years.....	1,532,675	1,613,145	1,713,900	1,815,435	2,048,820	2,305,425	2,554,745	2,787,800	9.1
65 Years and Over.....	163,395	191,325	230,550	266,905	308,395	353,420	405,720	500,220	23.3
<b>Population - Urban Areas (3).....</b>	<b>1,727,545</b>	<b>1,877,760</b>	<b>2,030,895</b>	<b>2,142,815</b>	<b>2,405,160</b>	<b>2,699,851</b>	<b>3,030,402</b>	<b>3,399,372</b>	<b>12.2</b>
% Change From Previous Census.....	25.3	8.7	8.2	5.5	12.2	12.3	12.2	12.2	...
Urban Population as a % of Total.....	77.2	83.9	85.8	84.2	89.2	90.8	92.1	83.6	...
<b>Population Centre Size Groups.....</b>	-	-	-	-	-	-	3,036,304	3,430,772	13.0
Less Than 30,000 (Small).....	-	-	-	-	-	-	563,487	622,738	10.5
30,000 to 99,999 (Medium).....	-	-	-	-	-	-	443,077	507,735	14.6
100,000 and Over (Large).....	-	-	-	-	-	-	2,029,740	2,300,299	13.3
<b>Population - Rural Areas (4).....</b>	<b>510,179</b>	<b>488,070</b>	<b>514,660</b>	<b>554,100</b>	<b>569,647</b>	<b>590,499</b>	<b>614,855</b>	<b>667,803</b>	<b>8.6</b>
% Change From Previous Census.....	11.2	-4.3	5.4	7.7	2.8	3.7	4.1	8.6	...
Rural Population as a % of Total.....	22.8	20.6	20.2	20.5	19.1	17.9	16.9	16.4	...
<b>Median Age (5).....</b>	<b>26.9</b>	<b>29.2</b>	<b>31.3</b>	<b>33.4</b>	<b>35.0</b>	<b>36.0</b>	<b>36.5</b>	<b>36.7</b>	...

(1) Statistics Canada conducts the Census of Population once every five years (beginning of June from 1976 to 1991 and mid-May from 1996 to 2016). The 2016 Census was conducted on May 10, 2016. Note: Totals may not add up due to rounding.

(2) Excludes census data for one or more incompletely enumerated Indian Reserves or Indian settlements.

(3) Urban areas refers to those continuously built-up areas having a population concentration of 1,000 or more and a population density of 400 or more per square kilometre based on the previous census. Starting with the 2011 Census, the term "population centre" replaces the term "urban area". Population centres are classified into one of three population size groups (small, medium and large).

(4) Rural areas refers to all areas outside urban areas ("population centres" in 2016), that is, all areas with fewer than 1,000 inhabitants and a population density below 400 persons per square kilometre.

(5) The median age is an age "x", such that exactly one half of the population is older than "x" and the other half is younger than "x".

Source: Statistics Canada, Census of Population

Table 12: Alberta Employed Labour Force (1) in Agri-Food Industries, 1997-2016

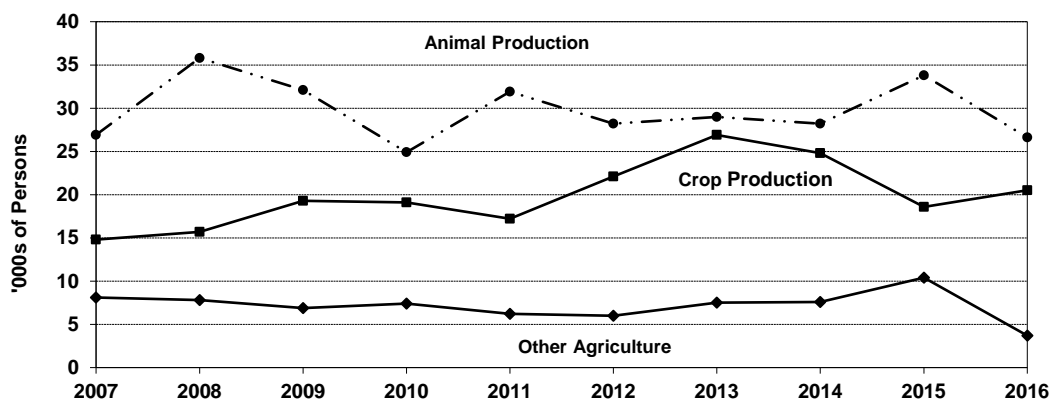
	Agriculture Industries							Manufacturing Industries			Total Agri-Food Industries	
	All Industries	Animal Production						Total Manufacturing	Food and Beverage	Total Agri-Food Industries		
		Crop Production	Cattle		Other Animal Production	Mixed Farming	Support Activities					Total Agriculture
			Total	Ranching and Farming								
'000s of Persons												
1997.....	1,453.2	24.5	41.1	31.4	9.7	20.2	3.1	88.9	118.2	19.1	108.0	
1998.....	1,508.9	25.8	42.8	31.8	11.0	19.1	2.2	90.0	125.4	20.2	110.2	
1999.....	1,543.2	27.2	42.2	29.9	12.3	10.3	2.1	81.8	134.7	18.3	100.1	
2000.....	1,583.1	20.8	40.7	28.8	11.9	7.7	-	70.6	137.6	18.9	89.5	
2001.....	1,627.4	16.5	33.0	20.6	12.4	8.6	1.5	59.5	139.2	22.1	81.6	
2002.....	1,673.8	15.4	35.5	23.5	12.0	7.2	2.3	60.4	147.6	28.3	88.7	
2003.....	1,729.0	20.6	37.3	25.6	11.7	5.3	2.2	65.3	147.1	25.3	90.6	
2004.....	1,774.8	17.2	41.0	29.7	11.3	5.5	1.5	65.2	146.6	26.2	91.4	
2005.....	1,820.4	17.3	28.7	20.7	8.0	8.5	-	55.9	134.4	22.4	78.3	
2006.....	1,911.6	14.1	27.2	18.4	8.8	9.3	1.8	52.4	140.9	27.4	79.8	
2007.....	1,991.0	14.8	26.9	18.5	8.4	6.2	1.9	49.8	144.4	22.7	72.5	
2008.....	2,053.9	15.7	35.8	25.0	10.8	4.9	3.0	59.3	140.3	23.0	82.3	
2009.....	2,029.7	19.3	32.1	21.6	10.5	4.9	1.9	58.3	123.4	20.7	79.0	
2010.....	2,023.7	19.1	24.9	17.2	7.7	5.4	2.0	51.4	125.2	22.6	74.0	
2011.....	2,099.5	17.2	31.9	20.0	11.9	4.1	2.1	55.3	133.7	20.1	75.4	
2012.....	2,172.5	22.1	28.2	17.0	11.2	3.8	2.2	56.3	137.6	19.5	75.8	
2013.....	2,226.2	26.9	29.0	17.6	11.4	3.9	3.5	63.4	142.7	27.4	90.8	
2014.....	2,274.6	24.8	28.2	16.5	11.7	5.4	2.2	60.6	144.5	25.5	86.1	
2015.....	2,301.1	18.6	33.8	17.6	16.2	6.8	3.7	62.8	139.9	26.4	89.2	
2016p....	2,263.8	20.5	26.6	16.6	10.0	1.5	2.2	50.8	115.5	22.4	73.2	
<b>% Share of All Industries in 2016</b>												
	100.0	0.9	1.2	0.7	0.4	0.1	0.1	2.2	5.1	1.0	3.2	

Note: Totals may not add up due to rounding.

(1) Annual averages for employed labour force refers to persons 15 years of age and over who (a) did any work during the reference period or (b) had a job but were not at work due to illness or disability; personal or family responsibilities; bad weather; labour disputes; vacation; or other reasons not specified. Work includes any work for pay or profit. It also includes unpaid family work which contributes directly to the operation of a farm, business or professional practice owned or operated by a related member of the household.

Source: Statistics Canada, CANSIM Database Table Number 282-0008; and Labour Statistics Division

Fig. 6 Employment in Alberta Agriculture Industries, 2007-2016



Source: Statistics Canada, CANSIM Database Table Number 282-0008; and Labour Statistics Division

Table 13: Selected Economic Indicators, Canada and Alberta, 1980-2016

	Consumer Price Index (2002=100) (1)				Canada Interest Rates		Canada - United States Exchange Rate	
	Canada		Alberta		Bank Rate (2)	Prime Rate (3)	\$ Canadian per \$ US	\$ US per \$ Canadian
	All Items Index	Food	All Items Index	Food				
1980.....	44.0	48.7	44.1	49.0	12.89	14.25	1.1692	0.8553
1981.....	49.5	54.3	49.8	54.4	17.93	19.29	1.1989	0.8341
1982.....	54.9	58.2	55.4	58.3	13.96	15.81	1.2337	0.8105
1983.....	58.1	60.4	58.2	60.1	9.55	11.17	1.2324	0.8114
1984.....	60.6	63.6	59.8	62.9	11.31	12.06	1.2951	0.7722
1985.....	63.0	65.5	61.6	65.6	9.65	10.58	1.3655	0.7323
1986.....	65.6	68.8	63.7	68.9	9.21	10.52	1.3895	0.7197
1987.....	68.5	71.8	66.2	71.8	8.40	9.52	1.3260	0.7542
1988.....	71.2	73.7	68.0	73.1	9.69	10.83	1.2307	0.8125
1989.....	74.8	76.5	70.9	74.1	12.29	13.33	1.1840	0.8446
1990.....	78.4	79.6	75.0	78.0	13.04	14.06	1.1668	0.8571
1991.....	82.8	83.4	79.4	82.9	9.03	9.94	1.1457	0.8728
1992.....	84.0	83.1	80.6	83.1	6.78	7.48	1.2087	0.8273
1993.....	85.6	84.5	81.4	80.2	5.09	5.94	1.2901	0.7751
1994.....	85.7	84.8	82.6	80.7	5.77	6.88	1.3657	0.7322
1995.....	87.6	86.9	84.5	83.0	7.31	8.65	1.3724	0.7286
1996.....	88.9	88.0	86.4	85.1	4.53	6.06	1.3635	0.7334
1997.....	90.4	89.4	88.1	88.1	3.52	4.96	1.3846	0.7222
1998.....	91.3	90.8	89.2	89.3	5.10	6.60	1.4835	0.6741
1999.....	92.8	92.0	91.4	90.8	4.92	6.44	1.4857	0.6731
2000.....	95.4	93.3	94.5	92.8	5.77	7.27	1.4854	0.6732
2001.....	97.8	97.4	96.7	97.0	4.31	5.81	1.5488	0.6456
2002.....	100.0	100.0	100.0	100.0	2.71	4.21	1.5703	0.6368
2003.....	102.8	101.7	104.4	101.4	3.19	4.69	1.4010	0.7138
2004.....	104.7	103.8	105.9	102.9	2.50	4.00	1.3013	0.7685
2005.....	107.0	106.4	108.1	104.8	2.92	4.42	1.2114	0.8255
2006.....	109.1	108.9	112.3	107.8	4.31	5.81	1.1343	0.8816
2007.....	111.4	111.8	117.9	111.4	4.60	6.10	1.0740	0.9311
2008.....	114.1	115.7	121.6	115.0	3.21	4.73	1.0671	0.9371
2009.....	114.4	121.4	121.5	120.4	0.65	2.40	1.1415	0.8760
2010.....	116.5	123.1	122.7	121.8	0.85	2.60	1.0301	0.9708
2011.....	119.9	127.7	125.7	125.6	1.25	3.00	0.9893	1.0109
2012.....	121.7	130.8	127.1	128.1	1.25	3.00	0.9994	1.0006
2013.....	122.8	132.4	128.9	130.8	1.25	3.00	1.0301	0.9707
2014.....	125.2	135.5	132.2	134.6	1.25	3.00	1.1047	0.9052
2015.....	126.6	140.5	133.7	139.6	0.88	2.78	1.2788	0.7820
2016.....	128.4	142.6	135.2	141.5	0.75	2.70	1.3256	0.7544

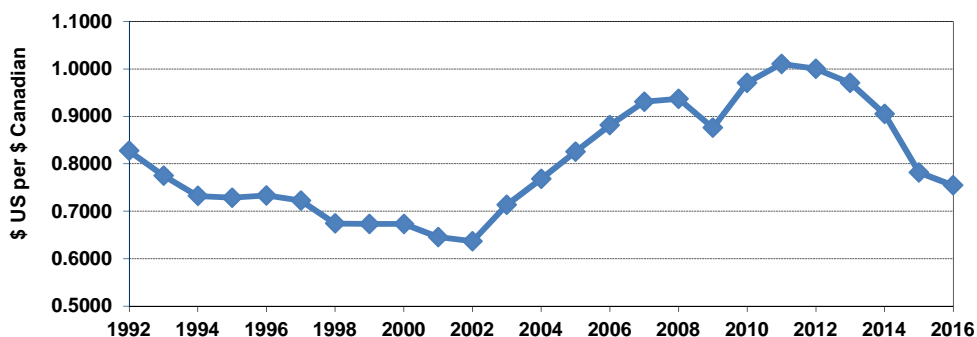
(1) The Consumer Price Index (CPI) measures the percentage change through time in the cost of purchasing a constant "basket" of goods and services representing the purchases by a particular population group in a specified time period. The All Items Index includes these components: food; shelter; household operations and furnishings; clothing and footwear; transportation; health and personal care; recreation; education and reading; and alcoholic beverages and tobacco products. Food includes non-alcoholic beverages.

(2) The Bank Rate is the minimum rate at which the Bank of Canada makes short-term advances to the chartered banks.

(3) The Canada Prime Rate or the Chartered Bank Rate on Prime Business Loans is the rate charged to the most credit-worthy borrowers

Source: Statistics Canada, CANSIM Database Table Numbers 326-0001, 176-0043, and 176-0064

Fig. 7 Canada - **United States** Exchange Rate (\$ US per \$ Canadian), 1992-2016



Source: Statistics Canada, CANSIM Table Number 176-0064



Table 14: Alberta Gross Domestic Product (GDP) for Agri-Food Industries in Chained (2007) Dollars, 2010-2016

	2010	2011	2012	2013r	2014r	2015r	2016p	2012	2013r	2014r	2015r	2016p
	At Basic Prices in Chained (2007) Dollars (\$ Millions)							% Change				
All Alberta Industries.....	252,494.3	269,508.4	280,280.4	296,431.8	311,083.3	299,602.7	288,113.1	4.0	5.8	4.9	-3.7	-3.8
Agri-Food Industries (1).....	5,512.6	5,662.9	5,451.9	6,175.7	6,081.0	6,100.8	6,574.7	-3.7	13.3	-1.5	0.3	7.8
Agriculture Industries.....	2,793.9	2,940.1	2,867.0	3,539.3	3,350.5	3,243.7	3,685.9	-2.5	23.4	-5.3	-3.2	13.6
Crop and Animal Production.....	2,708.9	2,852.2	2,784.7	3,443.1	3,247.6	3,137.7	3,574.4	-2.4	23.6	-5.7	-3.4	13.9
Support Activities for Agriculture..	85.0	87.9	82.3	96.2	102.9	106.0	111.5	-6.4	16.9	7.0	3.0	5.2
Manufacturing Industries.....	16,094.8	17,765.9	17,745.7	18,274.2	18,970.8	17,904.2	16,540.0	-0.1	3.0	3.8	-5.6	-7.6
Food and Beverage Industries..	2,718.7	2,722.8	2,584.9	2,636.4	2,730.5	2,857.1	2,888.8	-5.1	2.0	3.6	4.6	1.1
Food Industries.....	2,311.1	2,313.3	2,153.2	2,168.8	2,261.0	2,395.6	2,437.1	-6.9	0.7	4.3	6.0	1.7
Beverage Industries.....	407.6	409.5	431.7	467.6	469.5	461.5	451.7	5.4	8.3	0.4	-1.7	-2.1

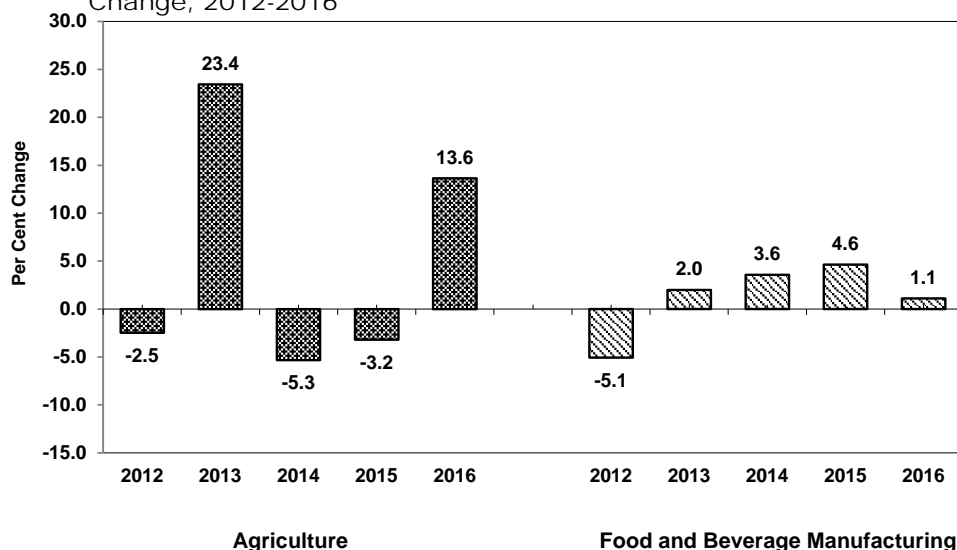
(1) The totals for agri-food industries shown in this table include agriculture industries and food manufacturing industries.

Note: The official measure of GDP published by Statistics Canada is expressed in Chained Fisher 2007 reference dollars. The Chained Fisher measure is an aggregation formula that more accurately weights the contribution of each industry in the total economy (or an aggregate of sum set of elemental industries) according to more current weights instead of weights from some fixed year in the past. To arrive at the Chained Fisher measure, a Chained index of change for each industry and for any chosen aggregate of industries is first derived, individually; the aggregates are not a simple sum of the component industries. This index is then converted to a dollar series by choosing a "reference year" (2007) for the dollar units. The dollar series is then built up by applying the index to the reference year dollar and thereby presenting the changes expressed in the index into dollars.

So, while the Chained Fisher measure provides a much better valuation of each industry in the current year, this measure does not come without its own set of drawbacks. One drawback is that time series expressed in Chained Fisher units cannot be added up. To obtain aggregates, summing of the components must be done at a much earlier phase in the calculation. For example, the total for crop and animal production is calculated as one estimation, then the separate totals for crop production and livestock production are estimated.

Source: Statistics Canada, CANSIM Database Table Number 379-0030

Fig. 8 Alberta GDP for Agriculture Industries and Food **and Beverage** Manufacturing Industries at Basic Prices in Chained (2007) Dollars - Annual Per Cent Change, 2012-2016



Source: Statistics Canada, CANSIM Database Table Number 379-0030

Table 15: Capital Investment Expenditures in Alberta Agri-Food Industries (1), 2008-2016

	Manufacturing Industries					Agriculture Industries (2)				Total Agri-Food Industries (3)
	All Alberta Industries	Total Manuf.	Food	Beverage	Food and Beverage	Crop Production	Animal Production	Support Services	Total Agriculture	
<b>\$ Millions</b>										
2008.....	69,969.8	2,844.7	91.7	26.3	118.0	456.5	476.5	19.9	952.9	1,070.9
2009.....	49,516.0	1,364.0	93.9	15.7	109.6	724.1	338.2	18.7	1,081.0	1,190.6
2010.....	61,228.2	1,295.3	48.5	23.1	71.6	724.1	338.1	26.6	1,088.8	1,160.4
2011.....	70,389.3	1,641.9	63.5	26.1	89.6	920.5	300.2	45.0	1,265.7	1,355.3
2012.....	78,605.8	1,526.4	145.5	16.6	162.1	982.1	295.7	22.9	1,300.7	1,462.8
2013.....	91,681.7	2,091.7	187.9	26.6	214.5	1,202.5	338.3	28.9	1,569.7	1,784.2
2014.....	97,800.2	2,473.8	224.7	31.1	255.8	1,220.5	367.1	x	1,587.6	1,843.4
2015r.....	75,676.2	2,599.5	214.0	60.8	274.8	1,226.6	357.9	2.9	1,587.4	1,862.2
2016p.....	62,119.5	2,063.5	171.6	46.2	217.8	1,232.8	336.4	x	1,569.2	1,787.0
<b>% Share of All Industries in 2016</b>										
	100.0	3.3	0.3	0.1	0.4	2.0	0.5	-	2.5	2.9
<b>% Change From Previous Year</b>										
2009.....	-29.2	-52.1	2.4	-40.3	-7.1	58.6	-29.0	-6.0	13.4	11.2
2010.....	23.7	-5.0	-48.3	47.1	-34.7	0.0	0.0	42.2	0.7	-2.5
2011.....	15.0	26.8	30.9	13.0	25.1	27.1	-11.2	69.2	16.2	16.8
2012.....	11.7	-7.0	129.1	-36.4	80.9	6.7	-1.5	-49.1	2.8	7.9
2013.....	16.6	37.0	29.1	60.2	32.3	22.4	14.4	26.2	20.7	22.0
2014.....	6.7	18.3	19.6	16.9	19.3	1.5	8.5	-100.0	1.1	3.3
2015r.....	-22.6	5.1	-4.8	95.5	7.4	0.5	-2.5	-	0.0	1.0
2016p.....	-17.9	-20.6	-19.8	-24.0	-20.7	0.5	-6.0	-	-1.1	-4.0

(1) Statistics Canada conducts The Capital and Repair Expenditure Survey (CAPEX) to generate data on investment made in Canada in all types of industries. Information on capital expenditures provides a useful indication of market conditions in the economy as a whole and in specific industries. Statistics Canada has undertaken a comprehensive redesign of CAPEX. For more information on conceptual and methodological changes, access Statistics Canada website at: [http://www23.statcan.gc.ca/imdb-bmdi/document/2803\\_D16\\_T9\\_V1-eng.htm](http://www23.statcan.gc.ca/imdb-bmdi/document/2803_D16_T9_V1-eng.htm).

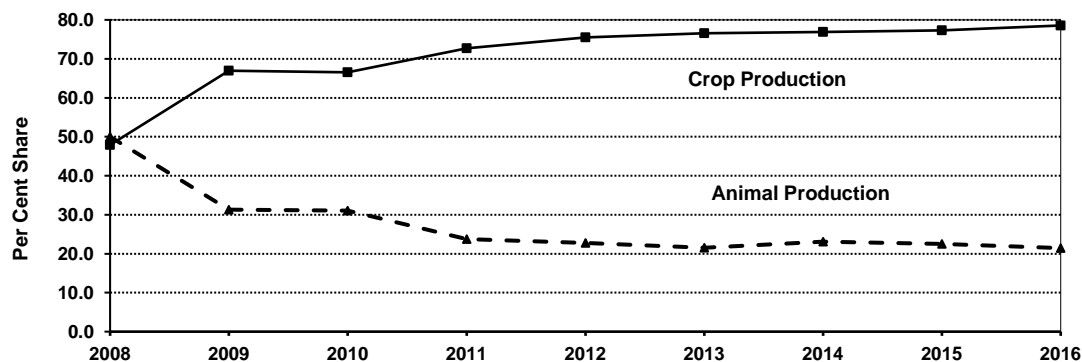
Capital investment expenditures refers to the cost of procuring, constructing and installing new durable plant and machinery and equipment, whether for replacement of worn or obsolete assets, as additions to existing assets or for lease or rent to others. Also included are all capitalized costs such as feasibility studies, architectural, legal, installation and engineering fees, the value of capital assets put in place by firms either by contract or with their own labour force, as well as the capitalized interest charges on loans with which capital projects are financed. Gross outlays have been reported without any deduction for scrap, trade-in value of old assets and include any grants and/or subsidies received.

(2) Agriculture industries refer to establishments growing crops, raising animals or producing animal products as well as establishments providing support services for crops and livestock production. Note: The figures shown above for "Support Services" include estimates for the forestry industry (separate data for agriculture are not available due to confidentiality).

(3) Agri-food industries is the sum of food and beverage manufacturing industries plus agriculture industries.

Source: Statistics Canada, CANSIM Database Table Number 029-0045

Fig. 9 Alberta Capital Investment Expenditures for Crop and Animal Production, Per Cent Share of Total Agriculture Industries, 2008-2016



Source: Statistics Canada, CANSIM Database Table Number 029-0045

Table 16: Alberta Average Hourly Wage Rates for Agriculture and Other Major Industries, 2012-2016

	2012	2013	2014	2015	2016p	2015	2016
	\$/Hour					% Change	
<b>Total Employees, All Industries.....</b>	<b>26.68</b>	<b>27.68</b>	<b>28.12</b>	<b>29.06</b>	<b>29.61</b>	<b>3.3</b>	<b>1.9</b>
<b>Goods-Producing Sector.....</b>	<b>31.70</b>	<b>32.15</b>	<b>32.91</b>	<b>33.75</b>	<b>35.38</b>	<b>2.6</b>	<b>4.8</b>
<b>Agriculture.....</b>	<b>18.21</b>	<b>16.24</b>	<b>17.64</b>	<b>19.51</b>	<b>20.57</b>	<b>10.6</b>	<b>5.4</b>
Males.....	19.91	17.34	18.30	21.67	21.04	18.4	-2.9
Females.....	15.53	14.46	16.19	15.76	19.23	-2.7	22.0
Full-Time (1) - Both Sexes.....	18.94	16.26	17.92	20.24	20.69	12.9	2.2
Part-Time (1) - Both Sexes.....	15.74	16.08	15.81	17.16	19.86	8.5	15.7
By Age Group - Both Sexes							
15 Years and Over.....	18.21	16.24	17.64	19.51	20.57	10.6	5.4
15 to 24 Years.....	14.92	16.07	15.43	16.46	16.52	6.7	0.4
25 to 54 Years.....	19.40	16.02	18.12	21.49	22.18	18.6	3.2
55 Years and Over.....	19.41	17.54	x	21.67	21.77	-	-
Forestry, Fishing, Mining, Oil and Gas.....	38.37	39.63	39.64	40.81	42.80	3.0	4.9
Utilities.....	36.49	38.08	40.09	42.70	42.37	6.5	-0.8
Construction.....	29.93	29.84	30.65	32.13	33.43	4.8	4.0
Manufacturing.....	26.85	28.12	28.84	29.38	30.81	1.9	4.9
<b>Services-Producing Sector.....</b>	<b>24.80</b>	<b>26.00</b>	<b>26.30</b>	<b>27.37</b>	<b>27.84</b>	<b>4.1</b>	<b>1.7</b>
Wholesale and retail trade.....	19.92	20.76	21.21	22.26	22.38	5.0	0.5
Transportation and Warehousing.....	27.54	29.40	28.52	29.31	28.80	2.8	-1.7
Finance, Insurance, Real Estate, Leasing.....	26.70	27.89	28.97	29.47	29.96	1.7	1.7
Professional, Scientific, Technical Services...	32.78	35.39	34.57	36.67	37.61	6.1	2.6
Business, Building, Other Support Services...	20.74	22.32	21.84	24.14	23.69	10.5	-1.9
Educational Services.....	31.65	31.17	31.50	33.20	33.92	5.4	2.2
Health Care and Social Assistance.....	26.76	29.37	29.51	29.89	30.99	1.3	3.7
Information, Culture and Recreation.....	22.89	23.46	24.18	24.70	23.92	2.2	-3.2
Accommodation and Food Services.....	14.89	14.86	15.25	15.58	15.65	2.2	0.4
Other Services.....	21.68	22.75	24.36	25.11	24.93	3.1	-0.7
Public Administration.....	33.93	34.79	35.91	36.64	38.14	2.0	4.1

(1) Full-time employees usually work 30 hours or more per week at their main job. Part-time employees usually work less than 30 hours per week.  
Note: Industry refers to the general nature of the business carried out by the employer for whom the individual (respondent) works, that is, the main job.

Source: Statistics Canada, CANSIM Database Table Number 282-0072

Table 17: Farm Bankruptcies\*, Canada and Provinces, 1997-2016

	Canada	British Columbia					Quebec	Other Canada (1)
		Alberta	Sask.	Manitoba	Ontario			
Number								
1997.....	243	61	4	76	19	15	54	14
1998.....	244	55	5	92	27	12	47	6
1999.....	243	45	6	99	29	17	42	5
2000.....	213	38	14	76	18	20	40	7
2001.....	220	44	6	64	19	23	57	7
2002.....	228	36	16	53	43	38	33	9
2003.....	225	47	16	59	28	23	46	6
2004.....	228	56	4	64	27	34	31	12
2005.....	239	65	6	75	26	27	35	5
2006.....	218	16	7	79	36	29	39	12
2007.....	140	15	1	50	14	21	30	9
2008.....	127	6	6	34	22	31	20	8
2009.....	91	5	1	13	14	22	27	9
2010.....	61	6	3	3	6	15	25	3
2011.....	68	1	1	13	5	18	17	13
2012.....	47	3	2	3	7	12	14	6
2013.....	66	5	2	5	13	18	13	10
2014.....	25	1	3	1	2	3	14	1
2015.....	20	3	1	3	0	2	10	1
2016p.....	28	0	3	3	2	2	12	6

Note: Starting in 2003, bankruptcies are based on the North American Industrial Classification System (NAICS). Data for prior years are based on the 1980 Standard Industrial Classification System (SIC) and may include proposals.

\*Farm bankruptcies include only crop production and animal production.

(1) Includes Atlantic Provinces, Yukon, Northwest Territories and Nunavut.

Source: Industry Canada, Office of the Superintendent of Bankruptcy Canada

Table 18: Alberta Average Farm Input Prices, 2015 and 2016

Item	Specifications	2015	2016	% Change
		\$		'16/'15
Lumber, construction grade.....	. 2x6, spruce, thousand board feet (M)	579.96	609.11	5.0
Lumber, rough grade.....	. 2x8, spruce, thousand board feet (M)	604.25	771.52	27.7
Sheathing, plywood.....	. unsanded, spruce, 9.6 mm, 4'x8' sheet	18.10	17.97	-0.7
Fence posts.....	. standard grade, treated, 3"-4" x 7' post	5.40	6.08	12.7
Concrete, ready-mix.....	. 20 MPA strength, cubic metre	225.75	236.41	4.7
Nails.....	. standard grade, 4" spiral, 50 lb box	76.17	82.21	7.9
Pipe, plastic.....	. 1" diameter, 75 PSI, 100' coil	59.19	60.42	2.1
Rods, steel reinforcing.....	. 10 mm x 6 metre	6.09	6.24	2.5
Barbed wire.....	. 12 gauge, double strand, 40 kg spool	66.89	69.31	3.6
Grain bin, hopper-bottom*.....	. 4,000 bushel capacity	15,486.26	15,498.67	0.1
Truck tires, 1st line, blackwall.....	. LT285-70R-17 radial, enviro tax inc'd	295.06	304.62	3.2
Storage battery.....	. 12 volts, 24 series, 525 cranking amps	101.58	103.85	2.2
V-Belt, implement.....	. 1/2" X 70" fibre belt	13.29	14.78	11.2
Antifreeze.....	. ethylene glycol, anti-corrosive, 4 litre	14.91	14.94	0.2
Mechanical repairs.....	. farm machinery, shop & labour, per hour	121.07	126.21	4.3
Baler twine.....	. plastic, 28,000' bale	32.24	31.94	-1.0
General farm labour.....	. full time, without board, per month	3,314.58	3,392.99	2.4
Tractor.....	. 105-130 hp, 6 cylinder diesel, fwd	128,118.01	140,993.03	10.0
Tractor.....	. 325-375 hp, 6-8 cylinder diesel, 4wd	344,145.34	386,257.50	12.2
Combine, self-propelled*.....	. diesel, 323-374 hp, twin, cross or axial rotary	397,229.57	469,684.57	18.2
Air drill*.....	. 40'-42', with packer wheels, 325 bu, 3 compartment tank	256,593.13	274,830.69	7.1
Sprayer.....	. pull-type, 800-900 gallon tank, 90'-100' boom	67,596.12	68,878.66	1.9
Round baler.....	. pull-type, PTO driven, 5'x6' hard core bale	53,362.56	58,494.49	9.6
Double disc.....	. heavy duty tandem, 19'-21', 22" blades	52,027.47	57,527.53	10.6
Truck, 3/4 ton.....	. V-8, 5.4L or 5.9L, 4x4, 4 speed auto trans.	43,442.75	46,431.81	6.9
Calf starter ration*.....	. pellets, 13-20%, bagged 25 kg	14.90	15.54	4.3
Dairy supplement*.....	. pellets, 32%, bagged 25 kg	18.88	19.09	1.2
Feedlot supplement*.....	. pellets, 32% (excl. Ionophore), bagged 25 kg	16.11	15.93	-1.1
Hog grower ration*.....	. pellets, 15-17%, bagged 25 kg	15.61	15.50	-0.7
Swine supplement*.....	. pellets, 35-40%, bagged 25 kg	20.18	21.25	5.3
Broiler grower complete feed*.....	. 18-20%, bagged 25 kg	17.07	16.26	-4.7
Cattle mineral, salt free*.....	. 18% phosphorus:18% calcium, 20 kg	30.13	32.62	8.2
Feed barley.....	. No. 1, non-board, farm gate, bushel	3.93	3.78	-3.6
Feed wheat.....	. No. 1, non-board, farm gate, bushel	4.89	4.94	1.1
Feed oats**.....	. good quality, non-board, farm gate, bushel	2.64	2.53	-4.4
Hay, good quality.....	. baled, over 50% alfalfa, farm gate, ton	117.16	120.72	3.0
Fertilizer, Urea.....	. 46-0-0, tonne, bulk	602.11	521.10	-13.5
Fertilizer, Monammonium Phosphate.....	. 11-51-0, tonne, bulk	815.33	755.03	-7.4
Fertilizer, Anhydrous Ammonia.....	. 82-0-0, tonne, bulk (applicator inc'd)	1,008.21	924.00	-8.4
Refine SG*.....	. granular, 486 g	277.21	282.25	1.8
Assert 300 SC.....	. liquid, 10.8 litres	232.30	233.96	0.7
Roundup WeatherMax.....	. liquid, 10 litres	74.44	73.50	-1.3
Penicillin G, injectable.....	. short-acting, 300 mg/ml, 250 ml	20.94	19.60	-6.4
Vitamin A D with E, injectable.....	. IU/cc: A-500,000, D-75,000, E-50, 250 ml	27.26	29.24	7.3
Seed; wheat.....	. certified No. 1, 100 kg, bulk	50.11	51.98	3.7
Seed; barley.....	. certified No. 1, 100 kg, bulk	39.36	41.19	4.6
Seed; Roundup Ready Herbicide Tolerant Canola.....	. certified No. 1, treated, not incl. TUA, 22.7 kg, bagged	462.75	470.83	1.7
Seed; Liberty Link Herbicide Tolerant Canola.....	. certified No. 1, treated, not incl. TUA, 22.7 kg, bagged	593.99	600.65	1.1
Gasoline, marked.....	. regular unleaded, 100 litres	86.26	81.00	-6.1
Diesel fuel, marked.....	. 100 litres (provincial allowance deducted)	86.47	78.56	-9.1
Propane.....	. liquefied, bulk, 100 litres	67.18	59.11	-12.0
Natural gas.....	. excl. service/delivery, provincial rebate deducted, GJ	2.90	2.24	-22.7
Electricity.....	. farm use, excl. service/delivery, 100 kWh	5.72	4.28	-25.1
Oil, for diesel engines*.....	. 15W-40, enviro tax inc'd, 5 litres	20.34	20.39	0.2

\* Specification changed as of January 2012 \*\* New input as of January 2012

Note: The prices reported are simple averages for the province and are based on a survey conducted in the first week of each month.

Source: Agricultural Input Monitoring System (AIMS), Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 19: Alberta Agricultural Real Estate Average Value by C.L.I.,  
1997-2016

	C.L.I.1	C.L.I.2	C.L.I.3	C.L.I.4	C.L.I.5	C.L.I.6	Other	All Classes
	\$/Acre							
1997.....	1,223.32	796.58	669.05	583.69	696.19	538.60	515.48	687.95
1998.....	1,385.43	848.91	728.87	558.91	837.11	1,013.09	506.81	742.08
1999.....	1,321.34	837.47	667.32	601.96	793.59	1,132.81	529.48	735.58
2000.....	1,521.93	877.78	767.75	653.39	1,044.62	774.86	659.65	808.33
2001.....	1,415.79	940.81	787.01	701.57	1,128.64	867.22	717.28	852.71
2002.....	1,482.34	1,102.35	884.87	754.25	992.49	1,199.75	727.67	928.56
2003.....	1,545.94	1,035.85	855.10	715.12	934.91	1,067.81	707.09	880.54
2004.....	2,043.81	1,097.85	1,033.00	777.41	1,199.85	1,294.05	777.65	1,035.54
2005.....	2,507.80	1,328.57	1,016.66	874.72	1,191.14	1,475.92	1,095.38	1,143.17
2006.....	2,713.41	1,409.38	1,276.18	967.79	1,278.82	1,103.45	1,260.51	1,280.66
2007.....	2,470.07	1,684.57	1,521.55	1,279.26	1,436.00	1,712.48	1,751.05	1,536.16
2008.....	2,711.67	1,824.39	1,523.35	1,307.19	1,621.20	1,577.81	1,444.21	1,571.02
2009.....	3,231.91	2,006.18	1,411.10	1,192.25	1,875.83	1,388.36	1,508.10	1,585.49
2010.....	3,007.36	1,798.49	1,632.16	1,345.44	1,587.32	1,858.80	1,629.09	1,656.22
2011.....	1,831.92	1,846.44	1,713.24	1,404.93	2,021.56	1,554.65	1,550.41	1,679.49
2012.....	2,990.60	2,120.95	1,927.73	1,567.22	1,878.41	1,652.95	1,828.57	1,903.73
2013.....	3,547.12	2,587.11	2,125.76	1,631.19	1,790.65	1,756.50	1,808.22	2,050.91
2014.....	3,869.36	2,655.29	2,407.24	1,984.13	1,681.40	2,089.31	2,139.19	2,290.41
2015.....	3,590.05	3,146.29	2,469.97	2,026.89	2,179.61	2,124.81	2,193.34	2,479.88
2016.....	3,919.56	3,243.74	2,536.56	2,171.22	2,100.85	2,356.66	2,248.12	2,561.24

**Canada Land Inventory Classification**

**Class 1:** Soils with no significant limitations in use for crops.

**Class 2:** Soils with moderate limitations that restrict the range of crops or require moderate conservation practices.

**Class 3:** Soils with moderately severe limitations that restrict the range of crops or require special conservation practices.

**Class 4:** Soils with severe limitations that restrict the range of crops or require special conservation practices or both.

**Class 5:** Soils that are unsuitable for annual cultivation. These soils could be improved for the production of perennial forages and pasture.

**Class 6:** Soils that have some natural grazing potential but where improvement practices are not feasible.

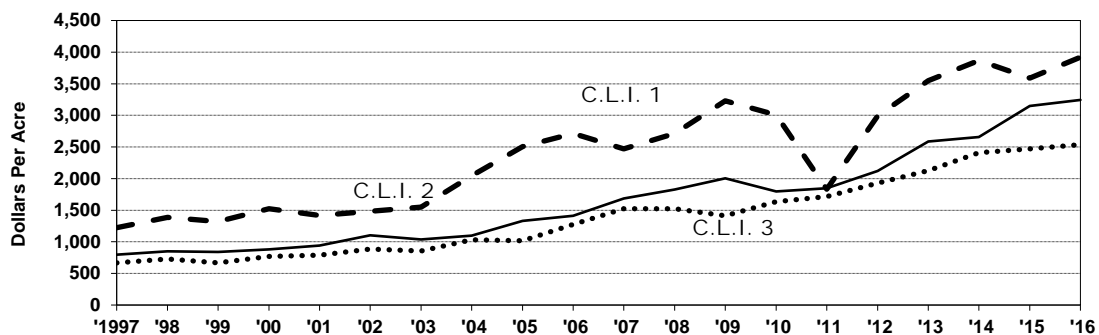
**Other: (Classes 7, 8 and 9)** Soils that have no capability for arable culture or permanent pasture; are organic and frequently found in the wooded regions of the province; or are unclassified due to a lack of C.L.I. Maps of the area at a 1:250,000 scale or lower.

Note: Average value for **All Classes** is weighted by the number of acres transacted in each C.L.I. Class; data revised back to 1995.

Also, the information collected is not guaranteed to include all transacted sales, nor is it intended to constitute an appraisal or opinion of value for a specific parcel of land. A more comprehensive appraisal of a particular piece of land should be performed in order to determine the actual market price. Changing market conditions can have immediate impacts on land values.

Source: Alberta Registries; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 10 Alberta Average Agricultural Real Estate Values, 1997-2016



Source: Alberta Registries; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 20: Average Alberta Agricultural Land Values by C.L.I. and Municipality, 2016

	C.L.I. 1	C.L.I. 2	C.L.I. 3	C.L.I. 4	C.L.I. 5	C.L.I. 6	Other (1)	All Classes
	\$/Acre							
Beaver County.....	-	2,339.85	2,203.11	1,277.30	3,127.47	-	971.26	2,070.80
Birch Hills County.....	-	1,842.47	2,125.31	2,434.83	-	-	2,181.78	2,172.54
Brazeau County.....	-	-	2,680.58	2,515.24	1,842.70	-	1,524.66	2,385.49
Cardston County.....	-	3,002.37	2,408.07	2,170.46	-	-	2,925.44	2,510.65
Clear Hills County.....	-	1,573.61	1,756.17	812.53	1,314.70	-	1,414.00	1,410.35
Clearwater County.....	-	4,038.93	2,342.44	2,765.22	1,998.24	2,975.46	3,512.32	2,877.42
County of Athabasca No. 12.....	-	-	1,691.13	1,341.55	1,253.68	1,954.70	1,622.01	1,470.25
County of Barrhead No. 11.....	-	4,378.46	2,487.31	1,881.80	1,300.85	-	3,317.93	2,160.15
County of Camrose No. 22.....	-	3,792.91	3,423.88	4,133.62	-	-	4,805.63	3,788.82
County of Forty Mile No. 8.....	5,212.45	3,671.66	3,987.37	4,001.92	2,126.68	-	-	4,011.32
County of Grande Prairie No. 1.....	-	2,640.54	2,104.66	1,732.90	1,628.76	6,567.68	3,683.89	2,376.22
County of Lethbridge No. 26.....	4,918.16	7,152.07	4,925.76	-	2,501.97	-	-	5,505.46
County of Minburn No. 27.....	-	3,720.14	2,061.44	2,025.94	346.16	2,940.32	-	2,509.12
County of Newell No. 4.....	4,441.01	4,723.48	3,943.11	4,190.72	4,910.46	1,348.17	-	4,216.61
County of Paintearth No. 18.....	-	-	1,687.18	1,791.34	1,235.76	1,400.71	-	1,615.95
County of St. Paul No. 19.....	-	1,390.57	2,586.40	935.47	1,646.54	-	-	1,822.27
County of Stettler No. 6.....	-	3,767.74	1,699.16	798.57	1,917.39	2,686.30	625.49	1,856.28
County of Thorhild No. 7.....	-	2,503.54	2,942.39	1,942.77	5,841.43	1,466.71	1,967.93	2,479.84
County of Two Hills No. 21.....	4,571.13	2,061.67	1,965.63	2,120.72	2,002.93	1,573.77	-	2,173.44
County of Vermilion River No. 24.....	-	3,462.47	2,872.92	1,517.69	-	-	-	2,820.50
County of Warner No. 5.....	-	5,390.38	750.59	1,146.47	-	-	6,007.93	4,944.83
County of Wetaskiwin No. 10.....	3,405.55	4,813.97	2,096.25	2,296.39	2,814.72	-	1,258.77	2,851.88
Cypress County.....	7,945.16	2,084.98	1,748.51	2,572.90	1,505.35	-	-	2,461.90
Flagstaff County.....	-	2,955.76	2,609.68	1,297.88	-	1,411.42	5,991.04	2,593.04
Kneehill County.....	2,613.60	4,111.15	3,968.48	-	3,909.34	-	1,885.46	3,743.09
Lac La Biche County.....	-	-	1,259.10	1,610.09	1,836.96	-	-	1,645.09
Lac Ste. Anne County.....	-	1,586.78	1,798.86	2,152.69	2,974.61	-	1,997.93	1,995.75
Lacombe County.....	-	5,140.25	4,103.68	4,077.13	3,625.86	2,359.92	-	4,147.30
Lamont County.....	2,994.18	2,835.16	1,945.12	2,726.00	2,321.58	2,502.49	2,223.53	2,607.87
Leduc County.....	4,046.93	5,204.74	3,612.50	3,988.98	2,333.97	2,596.07	2,297.80	3,882.24
M.D. of Acadia No. 34.....	-	-	-	-	1,318.23	-	-	1,318.23
M.D. of Big Lakes.....	-	1,139.44	1,180.35	1,162.45	-	2,482.79	962.64	1,207.61
M.D. of Bonnyville No. 87.....	-	-	1,022.87	1,536.52	1,515.33	1,010.30	1,706.14	1,468.80
M.D. of Fairview No. 136.....	-	2,818.33	1,833.21	1,387.01	-	-	2,014.29	2,416.05
M.D. of Foothills No. 31.....	3,570.83	4,069.71	5,012.64	3,611.48	6,230.88	6,880.43	7,688.16	4,814.18
M.D. of Greenview No. 16.....	-	-	1,241.03	1,681.78	-	-	1,526.91	1,443.02
M.D. of Lesser Slave River No. 124.....	-	-	-	2,048.64	2,079.07	1,402.31	688.04	1,841.92
M.D. of Northern Lights No. 22.....	-	1,655.88	1,334.71	1,451.96	-	3,002.37	-	1,507.76
M.D. of Peace River No. 135.....	-	1,532.87	854.99	913.22	-	-	1,301.03	1,214.87
M.D. of Pincher Creek No. 9.....	-	3,084.18	2,484.19	1,016.37	4,147.30	2,714.16	3,407.95	2,982.33
M.D. of Provost No. 52.....	-	1,434.42	2,074.83	2,869.40	1,108.89	940.47	-	1,829.97
M.D. of Rocky View No. 44.....	2,866.83	1,510.84	7,297.43	3,132.76	4,283.41	3,479.27	-	3,271.00
M.D. of Smoky River No. 130.....	-	2,953.32	3,328.33	1,526.19	-	-	692.32	2,807.43
M.D. of Spirit River No. 133.....	-	3,178.39	1,325.11	-	-	-	-	1,492.57
M.D. of Taber.....	5,761.19	1,376.09	3,331.80	8,247.80	5,629.44	6,880.43	-	5,896.97
M.D. of Wainwright No. 61.....	-	3,531.32	2,472.29	1,892.80	1,371.40	3,060.65	-	2,486.97
M.D. of Willow Creek No. 26.....	-	3,829.50	3,516.39	2,526.99	3,246.31	-	2,435.66	3,566.68
Mackenzie County.....	-	-	2,066.04	1,580.60	1,233.10	-	1,388.25	1,485.19
Mountain View County.....	5,383.50	2,937.24	4,772.19	2,768.29	3,667.89	-	4,466.71	3,973.54
Northern Sunrise County.....	-	1,943.62	2,662.03	1,277.93	1,657.56	-	849.71	1,908.71
Parkland County.....	5,456.97	4,448.73	2,719.38	2,399.94	4,596.89	-	3,947.94	3,363.13
Ponoka County.....	6,375.45	5,389.58	3,248.56	3,577.40	2,652.26	-	-	3,897.78
Red Deer County.....	-	3,940.04	3,029.90	5,686.70	3,242.21	-	4,859.34	4,019.25
Saddle Hills County.....	-	1,351.92	1,451.48	1,152.98	1,415.43	-	1,150.05	1,308.89
Smoky Lake County.....	-	2,435.76	1,876.71	1,776.57	-	1,789.67	1,716.03	2,054.82
Special Area 2 Hanna.....	-	-	1,351.07	1,011.06	174.34	1,128.81	-	912.27
Special Area 3 Oyen.....	-	-	-	978.02	1,399.50	-	-	1,090.41
Special Area 4 Consort.....	-	-	1,988.36	483.99	247.12	-	-	429.07
Starland County.....	3,141.89	2,846.00	3,611.00	970.19	-	6,620.13	-	3,345.04
Strathcona County.....	7,494.34	5,435.67	8,378.95	4,266.33	4,502.07	-	-	5,358.09
Sturgeon County.....	2,028.15	4,836.10	2,189.23	4,065.71	-	1,606.34	4,159.24	3,001.73
Vulcan County.....	2,477.41	3,001.96	2,852.74	3,275.97	1,418.90	-	-	2,947.20
Westlock County.....	6,148.63	5,835.09	3,472.07	2,491.99	1,246.18	-	2,816.76	3,344.34
Wheatland County.....	-	3,149.08	3,667.99	3,351.49	-	-	-	3,335.03
Woodlands County.....	-	1,293.37	911.19	1,436.40	1,210.65	-	2,793.52	1,640.82
Yellowhead County.....	-	-	2,049.97	1,765.24	1,727.62	918.03	904.04	1,676.30
<b>Alberta Average.....</b>	<b>3,919.56</b>	<b>3,243.74</b>	<b>2,536.56</b>	<b>2,171.22</b>	<b>2,100.85</b>	<b>2,356.66</b>	<b>2,248.12</b>	<b>2,561.24</b>

C.L.I. - Canada Land Inventory

All Classes average value is weighted by the number of acres transacted in each C.L.I. Class.

(1) Includes parcels that were predominantly C.L.I.7, C.L.I.8 or C.L.I. 9.

Note: The information collected is not guaranteed to include all transacted sales, nor is it intended to constitute an appraisal or opinion of value for a specific parcel of land. A more comprehensive appraisal of a particular piece of land should be performed in order to determine the actual market price. Changing market conditions can have immediate impacts on land values.

Source: Alberta Registries; and Alberta Agriculture and Forestry, Statistics and Data Development Section

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## Alberta Food and Beverage Manufacturing Industries\* in 2016

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### Food and Beverage Manufacturing Sales

In 2016, manufacturing sales for all industries in Alberta declined 10.1 per cent to \$62.6 billion, the second annual consecutive decline. In contrast, the province's food and beverage manufacturing industry reached a record \$14.6 billion, 9.2 per cent higher than 2015. Sales from food manufacturing industries jumped 12.5 per cent to a high of \$13.6 billion, while that for beverage manufacturing fell 22.2 per cent to \$985.2 million. Food and beverage manufacturing industries represented the largest manufacturing sector (23.3 per cent of total sales) in the province, followed by chemical manufacturing (21.1 per cent or \$13.2 billion), and petroleum and coal products industries (20.3 per cent or \$12.7 billion).

### Food Manufacturing Sales

Food manufacturing sales in Alberta was a record \$13.6 billion in 2016, marking the third consecutive year of growth. Several food segments reported higher sales. Sales of meat products including poultry increased 7.9 per cent to a record \$7.3 billion. Grain and oilseed milling sales increased 7.6 per cent to \$1.8 billion and dairy product sales more than doubled to \$1.6 billion. Moderating the gains were animal foods (including livestock feed) which declined 13.4 per cent.

In 2016, 85.8 per cent of Alberta's food manufacturing sales were concentrated in four segments: meat product manufacturing (livestock and poultry slaughtering, processing and rendering), grain and oilseed milling, dairy product manufacturing and animal food (including feed) manufacturing. Production activity continued to be dominated by meat product industries. This segment accounted for 53.9 per cent of total food sales. Grain and oilseed milling accounted for 12.9 per cent, dairy product manufacturing for 11.5 per cent, and animal food (including feed) manufacturing for 7.5 per cent. The remaining 14.2 per cent of food sales was distributed among other food manufacturing industries including bakeries and tortilla manufacturing, sugar and confectionery products, fruit and vegetable preserving, seafood products, specialty foods and snack foods.

The collapse of oil prices led Alberta's economy into a recession for the last two years, negatively impacting the majority of the province's industries. Manufacturing sales for the province dropped 10.1 per cent and 12.1 per cent respectively, in 2016 and 2015. Despite this, Alberta's food manufacturing industries performed well in 2016, posting a gain of 12.5 per cent, the second largest increase among all industries, behind wood product manufacturing which grew 17.3 per cent. This was followed by printing and related support activities at 3.3 per cent. The remaining industries had lower sales compared to 2015, with machinery manufacturing (down 38.5 per cent) and fabricated metal product manufacturing (down 31.6 per cent) leading the list.

On a national basis, three provinces accounted for 76.4 per cent or \$77.3 billion of the total Canadian food sales (\$101.1 billion) in 2016. These were Ontario (\$40.6 billion or 40.1 per cent), Quebec (\$23.1 billion or 22.9 per cent) and Alberta (\$13.6 billion or 13.4 per cent). Compared to 2015, Ontario led gains in sales in 2016 with 22.8 per cent, followed by British Columbia (18.8 per cent), Saskatchewan (12.7 per cent), and Alberta (12.5 per cent). Nationally, Canada's food manufacturing sales increased 11.6 per cent.

Canada's meat product manufacturing sales were a record \$27.6 billion in 2016, and 2.8 per cent above 2015. The top three provinces contributing to this total were Ontario (\$9.6 billion or 34.9 per cent), Alberta (\$7.3 billion or 26.5 per cent) and Quebec (\$6.2 billion or 22.6 per cent). Among these provinces, Alberta had the highest percentage of its total food sales generated by meat product industries. At 53.9 per cent, Alberta's proportion surpassed comparable proportions for Québec (27.0 per cent), and Ontario (23.7 per cent).

*\*\* Food manufacturing industries transform agricultural products, livestock and crops into products for intermediate or final consumption. "Manufacturing sales" or "sales of goods manufactured" refers to the net selling value of goods made by reporting establishments. Sales include sales from Canadian locations (domestic and export); transfers to other business units or a head office; sales of goods that were shipped earlier on consignment; sales shipped to foreign countries for which customs entry forms have been prepared; charges for installation of manufactured goods where installation is part of the sales; and book value of goods sold for rental. Sales exclude discounts and returns; shipping charges by common or contract carriers; federal and provincial sales taxes and excise duties; and sales purchased for resale.*



## Employment in Food and Beverage Manufacturing Industries

Canada's employment in food and beverage manufacturing industries fell 3.4 per cent to 285,100 persons in 2016. Eight of the ten provinces reported a decline, and were led by New Brunswick (with a decrease of 19.0 per cent), Nova Scotia (15.7 per cent), and Alberta (15.2 per cent). British Columbia and Québec were the only two provinces with employment gains (10.0 per cent and 1.6 per cent, respectively). The largest concentration of workers were in Ontario (109,600 persons or 38.4 per cent of Canada's food and beverage employed labour force), Quebec (78,400 persons or 27.5 per cent), British Columbia (36,400 persons or 12.8 per cent) and Alberta (22,400 persons or 7.9 per cent).

In Alberta, the largest manufacturing employer in 2016 was the food and beverage processing sector. It employed 22,400 persons, representing 19.4 per cent of total manufacturing employees (115,500) in the province. This was followed by fabricated metal product industries with 16,200 persons (or 14.0 per cent) and machinery manufacturing with 12,300 persons (or 10.6 per cent). Meat product (including poultry) manufacturing was the largest food segment, accounting for 11,300 persons or 55.4 per cent of total food employees (20,400).

In 2016, Alberta's employment in manufacturing industries declined 17.4 per cent to 115,500 persons, marking the second consecutive annual decline for the province. Employment in Alberta's food and beverage industries also slipped, falling 15.2 per cent to 22,400 persons compared to the highest level of 28,300 persons in 2002. During the next decade, employment generally trended downward. By 2012, the level dropped to 19,500 persons. However, in 2013, the trend reversed with a significant increase of 40.5 per cent to 27,400 persons. Much of this turn around was attributable to the meat product (including poultry) industry which grew 67.2 per cent to 11,200 persons. In 2014, food and beverage manufacturing employment fell 6.9 per cent to 25,500 persons, and then grew again 3.5 per cent to 26,400 persons in 2015.

Alberta's food manufacturing industries continue to face competition for wages from higher paying industries, most notably, oil and gas extraction and construction industries. In 2016, the average weekly earnings for food manufacturing workers was \$899.83, marginally up by 0.9 per cent over 2015. Even so, this was below the average weekly wage of \$1,290.68 for the manufacturing sector as a whole. In comparison, workers in oil and gas extraction industries earned a weekly average of \$2,850.17 (up 9.4 per cent from 2015), while construction workers earned \$1,447.43 (down 1.6 per cent from 2015).

## Exports of Food (Including Beverages and Animal Feeds)

In 2016, Alberta's total agri-food exports of \$10.0 billion were distributed among primary commodities (animals and crops) at \$4.96 billion (or 49.6 per cent), and value added products (food products, beverage products and animal feeds; and crude animal and plant products) at \$5.04 billion (or 50.4 per cent). Total exports declined 1.9 per cent over 2015, mainly due to a 7.9 per cent decrease in animal and crop products. In contrast, the export of value added products increased 4.9 per cent, moderating the decrease in total agri-food exports.

Exports of food (including beverages and feeds) in 2016 totalled \$3.9 billion, 1.0 per cent lower than a year earlier. Despite this, these were still the second highest over the last two decades, and represented 38.8 per cent of total agri-food exports, compared to 28.1 per cent in 2012. The marginal decline in food exports in 2016 was mainly attributable to animal feeds and beverage products, with exports falling 11.0 per cent and 7.6 per cent, respectively, to \$521.5 million and \$77.4 million.

In 2016, exports of beverage and animal feed products totalled \$3.9 billion. The top five export products were:

1. Beef and veal, \$1.7 billion (43.1 per cent)
2. Animal feeds, \$521.7 million (13.5 per cent)
3. Pork, \$472.0 million (12.2 per cent)
4. Cereals, milled and prepared, \$359.3 million (9.3 per cent)
5. Processed potatoes, \$336.7 million (8.7 per cent)

Exports of meat and meat products fell marginally by 0.6 per cent to \$2.3 billion. Even so, these exports remained the second highest on record, after 2015. Most meat categories showed marginal declines with the exception of processed meat (up 29.5 per cent to \$43.5 million), pork meat (up 0.7 per cent to \$472.0 million) and horse meat (up 0.3 per cent to \$51.0 million).

Table 21: Employed Labour Force in Alberta Food and Beverage Industries (1), 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	'000 of Persons									
<b>All Industries</b> .....	<b>1,991.0</b>	<b>2,053.9</b>	<b>2,029.7</b>	<b>2,023.7</b>	<b>2,099.5</b>	<b>2,172.5</b>	<b>2,226.2</b>	<b>2,274.6</b>	<b>2,301.1</b>	<b>2,263.8</b>
<b>Manufacturing Industries</b> .....	<b>144.4</b>	<b>140.3</b>	<b>123.4</b>	<b>125.2</b>	<b>133.7</b>	<b>137.6</b>	<b>142.7</b>	<b>144.5</b>	<b>139.9</b>	<b>115.5</b>
<b>Food and Beverage Industries</b> .....	<b>22.7</b>	<b>23.0</b>	<b>20.7</b>	<b>22.6</b>	<b>20.1</b>	<b>19.5</b>	<b>27.4</b>	<b>25.5</b>	<b>26.4</b>	<b>22.4</b>
% Share of Manufacturing Industries.....	15.7	16.4	16.8	18.1	15.0	14.2	19.2	17.6	18.9	19.4
<b>Food Industries (2)</b> .....	<b>20.1</b>	<b>20.1</b>	<b>18.6</b>	<b>20.3</b>	<b>18.2</b>	<b>17.4</b>	<b>25.5</b>	<b>22.7</b>	<b>24.6</b>	<b>20.4</b>
Meat Products Manufacturing.....	9.0	8.6	8.6	9.2	8.5	6.7	11.2	9.3	10.8	11.3
% Share of Food Industries.....	44.8	42.8	46.2	45.3	46.7	38.5	43.9	41.0	43.9	55.4
Other Food Manufacturing.....	11.1	11.5	10.0	11.1	9.7	10.7	14.3	13.4	13.8	9.1
% Share of Food Industries.....	55.2	57.2	53.8	54.7	53.3	61.5	56.1	59.0	56.1	44.6
Dairy Products Manufacturing.....	2.5	x	x	x	x	x	x	x	x	x
Grain and Oilseed Milling.....	x	x	x	x	1.6	x	1.5	x	x	x
Bakeries and Tortilla Manufacturing...	3.7	3.3	3.6	3.5	2.4	2.8	3.1	5.9	3.5	3.9
<b>Beverage Industries</b> .....	<b>2.6</b>	<b>2.9</b>	<b>2.2</b>	<b>2.3</b>	<b>1.8</b>	<b>2.1</b>	<b>1.9</b>	<b>2.8</b>	<b>1.8</b>	<b>2.0</b>
<b>Food and Beverages Stores</b> .....	<b>52.9</b>	<b>57.8</b>	<b>59.6</b>	<b>53.4</b>	<b>53.2</b>	<b>52.8</b>	<b>53.0</b>	<b>56.4</b>	<b>55.5</b>	<b>58.5</b>
<b>Food Services and Drinking Places</b> .....	<b>90.8</b>	<b>91.8</b>	<b>99.8</b>	<b>100.2</b>	<b>110.4</b>	<b>114.3</b>	<b>117.3</b>	<b>121.5</b>	<b>123.8</b>	<b>119.1</b>

(1) Annual averages for employed labour force refers to persons 15 years of age and over who (a) did any work during the reference period, or (b) had a job but were not at work due to illness or disability; personal or family responsibilities; bad weather; labour disputes; vacation; or other reasons not specified. Work includes any work for pay or profit. It also includes unpaid family work which contributes directly to the operation of a farm, business or professional practice owned or operated by a related member of the household.

(2) Data shown for food sub-categories should be used with caution due to high sampling variability.

Source: Statistics Canada, CANSIM Database Table Number 282-0008; and Labour Statistics Division

Table 22: Alberta Average Weekly Earnings for Food Related Industries (1), 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015r	2016p
	\$/Week									
<b>Industrial Aggregate (2)</b> .....	870.67	922.19	948.29	990.88	1,034.22	1,070.09	1,107.85	1,149.45	1,146.07	1,118.57
<b>Manufacturing Industries</b> .....	1,006.65	1,065.29	1,026.79	1,100.92	1,161.79	1,165.78	1,189.35	1,246.66	1,298.63	1,290.68
<b>Food Manufacturing Industries</b> .....	833.04	796.52	744.74	745.63	791.18	815.97	833.76	862.56	891.48	899.83
Grain and Oilseed Milling.....	1,393.02	..	..	..	..	..	..	..	..	..
Meat Product Manufacturing.....	822.92	787.28	..	..	..	..	..	..	..	..
<b>Retail Trade Industries</b> .....	499.42	517.77	546.44	549.17	557.00	576.66	585.05	610.60	612.57	612.58
Food and Beverage Stores (3).....	368.46	372.77	409.49	426.65	439.03	447.63	460.22	452.26	474.63	469.29
Grocery Stores.....	372.91	374.72	411.79	425.85	440.49	446.21	460.40	456.79	478.77	468.19
Specialty Food Stores.....	328.69	340.22	..	..	..	..	..	..	..	..
<b>Accommodation and Food Services</b> .....	348.78	372.52	388.25	409.60	408.88	421.71	415.55	427.38	409.59	406.57
Food Services and Drinking Places.....	311.88	340.15	354.24	378.25	375.46	378.74	366.92	380.31	367.19	370.10

(1) The data shown in this table are generated from the enterprise-based Survey of Employment, Payrolls and Hours (SEPH). This survey provides monthly estimates to measure levels and month-to-month trends of payroll employment paid hours and earnings. The target population is composed of all employers in Canada except those involved in agriculture, fishing and trapping, private household services, religious organizations and military personnel of defence services.

(2) The industrial aggregate represents the sum of all the industries included in the SEPH excluding unclassified businesses. Data includes overtime.

(3) Food and beverage stores include grocery stores, specialty food stores and beer/wine/liquor stores.

Source: Statistics Canada, CANSIM Database Table Number 281-0027

Table 23: Alberta and Canada Value of Manufacturing Sales for Food and Beverage Industries, 1996-2016

	Food Industries		Beverage Industries		Food and Beverage Industries		All Manufacturing Industries	
	Alberta	Canada	Alberta	Canada	Alberta	Canada	Alberta	Canada
<b>\$'000</b>								
1996.....	6,293,944	48,245,959	551,564	6,939,587	6,845,508	55,185,546	30,677,029	400,085,020
1997.....	6,687,432	50,513,439	643,575	7,344,261	7,331,007	57,857,700	34,185,450	426,520,823
1998.....	6,660,406	51,465,905	714,097	7,933,655	7,374,503	59,399,560	32,840,925	441,142,237
1999.....	7,184,652	52,938,483	692,503	8,562,122	7,877,155	61,500,605	34,822,759	492,403,669
2000.....	8,297,295	57,305,003	773,497	8,564,038	9,070,792	65,869,041	44,456,417	562,104,039
2001.....	8,421,129	61,640,219	872,592	8,580,262	9,293,721	70,220,481	45,628,751	543,782,481
2002.....	8,889,997	63,716,828	923,985	8,737,741	9,813,982	72,454,569	45,511,341	553,134,106
2003.....	8,630,943	64,983,656	886,709	8,728,610	9,517,652	73,712,266	47,029,508	550,938,829
2004.....	9,113,446	67,836,355	814,132	9,704,729	9,927,578	77,541,084	53,630,439	583,821,421
2005.....	8,588,702	67,158,704	835,268	9,885,421	9,423,970	77,044,125	61,386,080	594,728,711
2006.....	8,851,625	68,040,495	815,796	9,796,283	9,667,421	77,836,778	63,803,302	598,237,407
2007.....	9,140,631	71,810,187	897,563	10,051,098	10,038,194	81,861,285	64,926,412	599,324,167
2008.....	9,404,998	74,483,669	846,353	10,155,617	10,251,351	84,639,286	69,052,131	588,453,141
2009.....	9,248,138	75,607,347	866,799	10,377,277	10,114,937	85,984,624	53,892,932	492,707,286
2010.....	9,714,946	76,821,579	922,163	10,175,331	10,637,109	86,996,910	59,366,405	526,682,041
2011.....	10,010,670	80,574,755	1,062,625	10,666,075	11,073,295	91,240,830	72,689,251	567,897,229
2012.....	11,376,224	82,989,108	1,224,080	10,875,496	12,600,304	93,864,604	72,689,251	586,125,276
2013.....	10,729,973	85,261,167	1,241,045	10,923,678	11,971,018	96,184,845	74,451,637	596,126,668
2014r.....	11,048,400	88,452,207	1,216,662	11,339,144	12,265,062	99,791,351	79,219,631	622,636,276
2015r.....	12,064,072	90,615,591	1,265,649	11,798,601	13,329,721	102,414,192	69,607,087	614,493,961
2016p.....	13,574,213	101,137,859	985,184	11,196,491	14,559,397	109,308,025	62,560,324	614,690,448
<b>% Change From Previous Year</b>								
1997.....	6.3	4.7	16.7	5.8	7.1	4.8	11.4	6.6
1998.....	-0.4	1.9	11.0	8.0	0.6	2.7	-3.9	3.4
1999.....	7.9	2.9	-3.0	7.9	6.8	3.5	6.0	11.6
2000.....	15.5	8.2	11.7	0.0	15.2	7.1	27.7	14.2
2001.....	1.5	7.6	12.8	0.2	2.5	6.6	2.6	-3.3
2002.....	5.6	3.4	5.9	1.8	5.6	3.2	-0.3	1.7
2003.....	-2.9	2.0	-4.0	-0.1	-3.0	1.7	3.3	-0.4
2004.....	5.6	4.4	-8.2	11.2	4.3	5.2	14.0	6.0
2005.....	-5.8	-1.0	2.6	1.9	-5.1	-0.6	14.5	1.9
2006.....	3.1	1.3	-	-0.9	2.6	1.0	3.9	0.6
2007.....	3.3	5.5	-	2.6	3.8	5.2	1.8	0.2
2008.....	2.9	3.7	-	1.0	2.1	3.4	6.4	-1.8
2009.....	-1.7	1.5	2.4	2.2	-1.3	1.6	-22.0	-16.3
2010.....	5.0	1.6	6.4	-1.9	5.2	1.2	10.2	6.9
2011.....	3.0	4.9	15.2	4.8	4.1	4.9	22.4	7.8
2012.....	13.6	3.0	15.2	2.0	13.8	2.9	0.0	3.2
2013.....	-5.7	2.7	1.4	0.4	-5.0	2.5	2.4	1.7
2014r.....	3.0	3.7	-2.0	3.8	2.5	3.7	6.4	4.4
2015r.....	9.2	2.4	4.0	4.1	8.7	2.6	-12.1	-1.3
2016p.....	12.5	11.6	-22.2	-5.1	9.2	6.7	-10.1	0.0

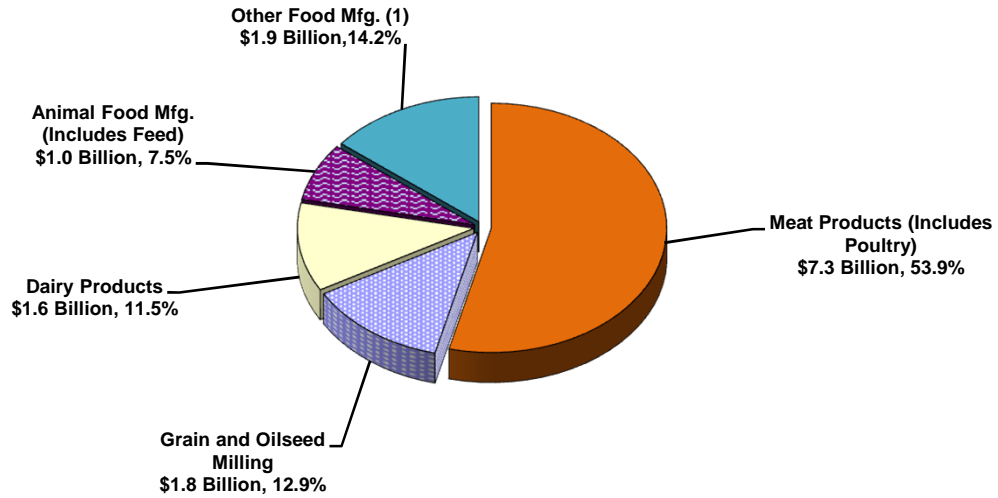
Source: Statistics Canada, CANSIM Database Table Numbers 301-0003, 301-0006, 301-0008, 304-0014 and 304-0015

Table 24: Alberta Value of Manufacturing Sales for Food and Beverage Industries by Type, 2010-2016

	2010	2011	2012	2013	2014r	2015r	2016p	% Share of Food Sales, 2016
	\$'000							
<b>All Manufacturing Industries.....</b>	<b>59,366,405</b>	<b>69,880,129</b>	<b>72,689,251</b>	<b>74,451,637</b>	<b>79,219,631</b>	<b>69,607,087</b>	<b>62,560,324</b>	
<b>Food and Beverage Manufacturing Industries.....</b>	<b>10,637,109</b>	<b>11,073,295</b>	<b>12,600,304</b>	<b>11,971,018</b>	<b>12,265,062</b>	<b>13,329,721</b>	<b>14,559,397</b>	
% Share of All Manufacturing Industries.....	17.9	15.8	17.3	16.1	15.5	19.1	23.3	
<b>Food Manufacturing.....</b>	<b>9,714,946</b>	<b>10,010,670</b>	<b>11,376,224</b>	<b>10,729,973</b>	<b>11,048,400</b>	<b>12,064,072</b>	<b>13,574,213</b>	<b>100.0</b>
Meat Product Manufacturing.....	5,206,508	4,921,250	5,962,034	5,692,078	5,968,960	6,775,645	7,309,775	53.9
All Other Food Manufacturing.....	4,508,438	5,089,420	5,414,190	5,037,895	5,079,440	5,288,427	6,264,438	46.1
<b>Animal Food Manufacturing.....</b>	<b>512,153</b>	<b>691,042</b>	<b>817,465</b>	<b>801,564</b>	<b>983,959</b>	<b>1,174,709</b>	<b>1,016,773</b>	<b>7.5</b>
Dog and Cat Food Manufacturing.....	x	x	x	x	x	x	x	-
Other Animal Food Manufacturing.....	x	x	x	x	x	x	x	-
<b>Grain and Oilseed Milling.....</b>	<b>1,387,619</b>	<b>1,667,619</b>	<b>1,764,561</b>	<b>1,773,598</b>	<b>1,724,299</b>	<b>1,631,254</b>	<b>1,754,719</b>	<b>12.9</b>
Flour Milling and Malt Manufacturing.....	x	x	x	x	385,068	x	x	-
Flour Milling.....	188,038	x	x	x	x	x	x	-
Starch and Vegetable Fat and Oil Manufacturing.....	x	x	x	x	x	x	1,307,480	9.6
Oilseed Processing.....	824,878	x	x	x	x	x	x	-
Breakfast Cereal Manufacturing.....	x	x	x	x	x	x	x	-
<b>Sugar and Confectionery Product Manufacturing.....</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>-</b>
<b>Fruit/Vegetable Preserving/Specialty Food Mfg. ....</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>-</b>
Frozen Food Manufacturing (Incl. Frozen French Fries)	269,087	267,832	258,077	x	223,287	276,910	x	-
Fruit and Vegetable Canning, Pickling and Drying.....	x	x	x	61,413	x	x	x	-
<b>Dairy Product Manufacturing.....</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>893,347</b>	<b>753,297</b>	<b>734,886</b>	<b>1,559,823</b>	<b>11.5</b>
Dairy Product (Except Frozen) Manufacturing.....	1,099,735	1,145,759	1,178,628	865,173	x	x	x	-
Fluid Milk Manufacturing.....	777,517	x	x	x	x	x	x	-
Butte/Cheese/Dry and Condensed Dairy Prod. Mfg.	322,218	x	x	x	x	x	x	-
Ice Cream and Frozen Dessert Manufacturing.....	x	x	x	28,174	x	x	x	-
<b>Meat Product Manufacturing.....</b>	<b>5,206,508</b>	<b>4,921,250</b>	<b>5,962,034</b>	<b>5,692,078</b>	<b>5,968,960</b>	<b>6,775,645</b>	<b>7,309,775</b>	<b>53.9</b>
Animal (Except Poultry) Slaughtering.....	x	x	x	x	x	x	6,357,363	46.8
Rendering and Poultry Processing.....	x	x	x	x	x	x	x	-
Rendering and Meat Processing from Carcasses.....	673,175	x	x	x	x	x	x	-
Poultry Processing.....	x	x	x	x	x	x	x	-
<b>Seafood Product Preparation and Packaging.....</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>-</b>
<b>Bakeries and Tortilla Manufacturing.....</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>532,912</b>	<b>544,828</b>	<b>583,193</b>	<b>x</b>	<b>-</b>
Bread and Bakery Product Manufacturing.....	358,369	459,409	514,550	515,490	530,402	542,656	x	-
Retail Bakeries.....	44,362	x	x	x	x	x	x	-
Commercial Bakeries/Frozen Bakery Product Mfg. ..	314,007	x	x	x	x	x	x	-
Cookie, Cracker and Pasta Manufacturing.....	x	x	x	17,422	14,426	x	x	-
Cookie and Cracker Manufacturing.....	x	x	x	x	x	x	x	-
Dry Pasta Manufacturing.....	x	x	x	x	x	x	x	-
<b>Other Food Manufacturing.....</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>660,583</b>	<b>660,818</b>	<b>749,332</b>	<b>900,690</b>	<b>6.6</b>
Snack Food Manufacturing.....	x	x	x	x	478,158	577,471	x	-
Coffee and Tea Manufacturing.....	x	x	6,820	x	x	x	x	-
Seasoning and Dressing Manufacturing.....	29,779	28,070	29,287	62,520	x	x	x	-
All Other Food Manufacturing.....	80,451	83,193	71,409	125,382	125,136	119,255	x	-
<b>Beverage Manufacturing.....</b>	<b>922,163</b>	<b>1,062,625</b>	<b>1,224,080</b>	<b>1,241,045</b>	<b>1,216,662</b>	<b>1,265,649</b>	<b>985,184</b>	
Soft Drink and Ice Manufacturing.....	x	x	x	x	x	x	x	
Breweries, Wineries and Distilleries.....	x	x	x	x	x	x	x	

Source: Statistics Canada, CANSIM Database Table Numbers 301-0003, 301-0006, 301-0008, and 304-0015

Fig. 11 2016 Distribution of Alberta Food Manufacturing Sales

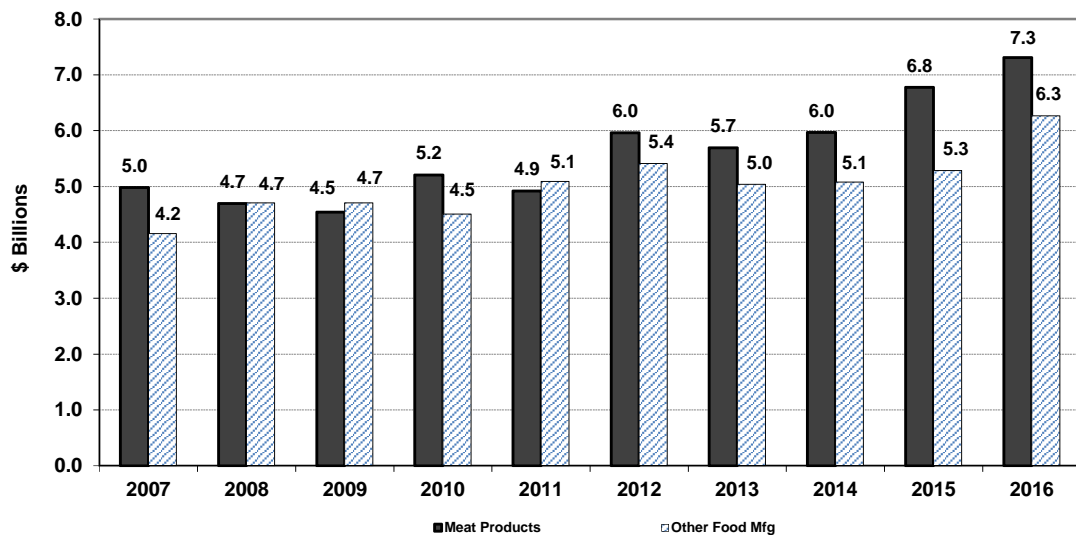


2016 Food Manufacturing Sales = \$13.6 Billion

(1) Includes manufacturing of snack foods, tea, coffee, flavouring syrup and concentrates, seasonings, dressings, sugar and confectionery products, fruit and vegetable preserving, specialty foods, seafood products and tortillas and bakery products.

Source: Statistics Canada, CANSIM Database Number 304-0015

Fig. 12 Alberta Food Manufacturing Sales by Type, 2007-2016



Source: Statistics Canada, CANSIM Database Numbers 301-0006 and 304-0015

Table 25: Value of Manufacturing Sales for Meat Product Industries, Canada and Provinces, 2007-2016

	Canada	Alberta	Ontario	Quebec	Other Provinces
<b>Total Meat Product Manufacturing Industries (\$'000) (A. + B.)</b>					
2007.....	21,634,756	4,981,037	7,793,602	4,618,418	4,241,699
2008.....	21,377,013	4,695,700	7,579,228	4,786,794	4,315,291
2009.....	21,922,783	4,541,688	7,699,858	5,232,420	4,448,817
2010.....	22,493,696	5,206,508	8,179,197	4,807,141	4,300,850
2011.....	22,389,560	4,921,250	7,956,110	4,908,244	4,603,956
2012.....	23,666,018	5,962,034	8,093,433	4,646,281	4,964,270
2013.....	23,365,885	5,692,078	8,487,017	4,589,872	4,596,918
2014r.....	24,934,129	5,968,960	8,289,222	5,441,257	5,234,690
2015r.....	26,854,876	6,775,645	8,304,295	5,895,109	5,879,827
2016p.....	27,602,456	7,309,775	9,624,239	6,239,046	4,429,396
<b>Meat Product Sales as a % Share of Canada in 2016</b>					
	100.0	26.5	34.9	22.6	16.0
<b>Food Manufacturing Sales in 2016</b>					
	101,137,859	13,574,213	40,588,175	23,131,977	23,843,494
<b>Meat Product Sales as a % of Food Manufacturing Sales in 2016</b>					
	27.3	53.9	23.7	27.0	18.6
<b>A. Animal (Except Poultry) Slaughtering Industries (\$'000)</b>					
2007.....	10,221,156	3,775,791	2,086,362	2,442,199	1,916,804
2008.....	9,615,391	3,387,837	1,906,811	2,454,524	1,866,219
2009.....	10,186,565	-	2,081,240	2,517,978	-
2010.....	10,595,462	-	2,005,944	2,546,305	-
2011.....	-	-	-	-	-
2012.....	-	-	-	-	-
2013.....	-	-	-	-	-
2014.....	-	-	-	-	-
2015.....	-	-	-	-	-
2016p.....	13,185,334	6,357,363	2,419,902	x	-
<b>B. Rendering and Meat Processing From Carcasses and Poultry Processing Industries (\$'000)</b>					
2007.....	11,413,600	1,205,246	5,707,240	2,176,219	2,324,895
2008.....	11,761,622	1,307,863	5,672,417	2,332,270	2,449,072
2009.....	11,736,218	-	5,618,618	2,714,442	-
2010.....	11,898,234	-	6,173,253	2,260,836	-
2011.....	-	-	-	-	-
2012.....	-	-	-	-	-
2013.....	-	-	-	-	-
2014.....	-	-	-	-	-
2015.....	-	-	-	-	-
2016p.....	14,417,122	952,412	7,204,337	-	-

Source: Statistics Canada, CANSIM Database Table Numbers 301-0006, 301-0008, 304-0014 and 304-0015

Table 26: Alberta Food and Beverage Exports to Other Countries, 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014r	2015r	2016p
<b>Agri-Food Exports (\$'000)</b>										
<b>Total Agri-Food Exports</b> .....	<b>6,491,477</b>	<b>8,385,912</b>	<b>7,428,837</b>	<b>6,775,409</b>	<b>8,061,065</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>Animals and Crops</b> .....	<b>3,623,134</b>	<b>5,070,451</b>	<b>4,216,732</b>	<b>3,262,394</b>	<b>4,520,345</b>	<b>5,529,191</b>	<b>5,060,670</b>	<b>5,476,136</b>	<b>5,379,581</b>	<b>4,955,804</b>
% Share of Total Exports.....	55.8	60.5	56.8	48.2	56.1	60.0	58.1	56.1	52.8	49.6
<b>Value Added Products</b> .....	<b>2,868,343</b>	<b>3,315,461</b>	<b>3,212,105</b>	<b>3,513,015</b>	<b>3,540,720</b>	<b>3,680,751</b>	<b>3,650,973</b>	<b>4,277,923</b>	<b>4,802,184</b>	<b>5,035,938</b>
% Share of Total Exports.....	44.2	39.5	43.2	51.8	43.9	40.0	41.9	43.9	47.2	50.4
Crude Animal and Plant Products (1)...	685,719	613,791	676,035	989,594	1,007,298	1,091,195	933,826	752,849	892,563	1,163,937
Food, Beverages and Animal Feeds....	2,182,624	2,701,670	2,536,070	2,523,421	2,533,422	2,589,556	2,717,146	3,525,074	3,909,621	3,872,001
<b>Food Exports (Including Beverages and Animal Feeds) (\$'000)</b>										
<b>Food, Beverages and Animal Feeds</b> ....	<b>2,182,624</b>	<b>2,701,670</b>	<b>2,536,070</b>	<b>2,523,421</b>	<b>2,533,422</b>	<b>2,589,556</b>	<b>2,717,146</b>	<b>3,525,074</b>	<b>3,909,621</b>	<b>3,872,001</b>
% Share of Total Exports.....	33.6	32.2	34.1	37.2	31.4	28.1	31.2	36.1	38.4	38.8
- Food Products.....	1,983,440	2,442,870	2,237,418	2,157,614	2,184,072	2,132,453	2,180,111	2,909,978	3,239,878	3,272,904
- Beverage Products.....	52,668	61,491	76,794	75,291	59,473	77,718	79,150	76,417	83,754	77,357
- Animal Feeds.....	146,517	197,309	221,858	290,516	289,876	379,386	457,886	538,679	585,989	521,741
<b>Food Products (\$'000)</b>										
<b>Meats (2)</b> .....	<b>1,298,249</b>	<b>1,481,699</b>	<b>1,396,706</b>	<b>1,510,321</b>	<b>1,444,082</b>	<b>1,297,934</b>	<b>1,397,723</b>	<b>1,996,213</b>	<b>2,266,268</b>	<b>2,252,786</b>
% Share of Total Exports.....	65.5	60.7	62.4	70.0	66.1	60.9	64.1	68.6	69.9	68.8
- Beef and Veal.....	888,023	1,068,685	956,866	1,051,758	969,377	852,153	961,703	1,428,935	1,696,488	1,670,608
- Pork.....	345,751	342,119	361,096	391,638	411,542	364,980	348,311	467,104	468,885	471,956
- Horse.....	47,711	52,685	60,299	49,160	41,908	45,935	46,115	53,825	50,891	51,049
- Other Meat (Sheep, Poultry, Bison).....	11,372	15,559	14,813	14,546	12,220	11,897	12,837	11,809	16,422	15,693
- Processed Meat.....	5,393	2,652	3,633	3,219	9,035	22,970	28,758	34,539	33,582	43,481
<b>Cereals, Milled and Prepared</b> .....	<b>211,396</b>	<b>335,860</b>	<b>325,319</b>	<b>225,878</b>	<b>226,641</b>	<b>259,050</b>	<b>261,444</b>	<b>322,608</b>	<b>356,644</b>	<b>359,333</b>
- Wheat or Meslin Flour.....	10,901	18,985	22,149	15,720	6,170	5,213	6,389	8,720	8,627	9,042
- Malt Roasted or Not Roasted.....	136,709	244,021	223,504	142,745	151,501	179,954	174,599	225,601	237,560	241,187
- Other Cereals Milled.....	25,944	32,675	37,210	28,540	33,170	41,654	47,434	51,096	61,590	58,939
- Cereal Preparations (3).....	37,842	40,179	42,456	38,873	35,800	32,230	33,022	37,191	48,868	50,164
<b>Oils and Fats</b> .....	<b>147,733</b>	<b>278,751</b>	<b>169,195</b>	<b>147,904</b>	<b>202,330</b>	<b>266,165</b>	<b>239,396</b>	<b>227,769</b>	<b>191,644</b>	<b>207,874</b>
- Canola/Mustard Oil, Refined.....	122,741	231,957	136,146	112,289	142,966	184,452	167,092	145,448	113,384	114,888
- Other Oils and Fats.....	24,992	46,794	33,050	35,615	59,364	81,713	72,304	82,322	78,260	92,987
<b>Other Food Products</b> .....	<b>326,062</b>	<b>346,560</b>	<b>346,197</b>	<b>273,511</b>	<b>311,018</b>	<b>309,303</b>	<b>281,547</b>	<b>363,388</b>	<b>425,323</b>	<b>452,910</b>
- Dairy Products.....	8,370	4,031	394	3,100	1,731	4,933	531	3,504	283	820
- Eggs.....	4,566	130	-	-	-	-	-	8	1,063	1,012
- Honey.....	6,994	18,523	16,924	15,530	9,389	10,995	12,832	14,929	20,499	33,139
- Fruit and Vegetable Preparations.....	7,929	9,680	7,935	4,982	6,948	4,355	7,092	15,128	18,976	23,567
- Fruit and Vegetable Juices.....	8,777	9,498	9,339	8,241	7,384	6,931	4,877	3,701	3	148
- Processed Potatoes.....	239,069	235,223	261,328	191,397	201,611	203,319	208,343	278,965	328,795	336,700
- Sugar and Sugar Preparations.....	14,459	31,882	12,176	14,581	39,829	34,105	17,826	10,710	17,698	16,212
- Foods and Food Materials (4).....	35,871	37,593	38,102	35,643	44,086	44,664	29,937	36,443	38,005	41,312
- Other Products.....	26	-	-	36	41	-	110	-	-	-
<b>Beverage Products (\$'000)</b>										
<b>Beverage Products</b> .....	<b>52,668</b>	<b>61,491</b>	<b>76,794</b>	<b>75,291</b>	<b>59,473</b>	<b>77,718</b>	<b>79,150</b>	<b>76,417</b>	<b>83,754</b>	<b>77,357</b>
- Whiskey.....	34,528	39,194	39,253	42,760	54,717	73,722	71,515	66,450	66,880	61,849
- Beer.....	1,050	1,536	1,297	2,952	1,226	-	15	32	30	126
- Other Beverages (5).....	17,089	20,761	36,244	29,579	3,530	3,996	7,620	9,934	16,845	15,382
<b>Animal Feeds (\$'000)</b>										
<b>Animal Feeds</b> .....	<b>146,517</b>	<b>197,309</b>	<b>221,858</b>	<b>290,516</b>	<b>289,876</b>	<b>379,386</b>	<b>457,886</b>	<b>538,679</b>	<b>585,989</b>	<b>521,741</b>
- Oilseed Cake and Meal.....	96,028	145,931	146,064	168,756	165,160	225,526	229,939	279,168	253,319	236,276
- Alfalfa Meal and Pellets.....	4,593	61	40	12	101	4,298	1,260	1,222	1,200	1,549
- Feeds of Vegetable Origin.....	4,630	2,982	7,508	6,262	4,411	6,889	14,068	15,437	14,532	10,435
- Prepared Animal Feeds.....	41,266	48,335	68,246	115,487	120,205	142,673	212,619	242,852	316,938	273,481

(1) Refers to inedible crude animal and plant products such as raw hides/skins, fur skins, seeds for sowing, nursery stock, bovine semen and peat moss. Also includes tallow, crude canola oil and tobacco.

(2) Includes fresh, chilled, frozen meat, edible offal and processed meat.

(3) Cereal preparations include bakery products and pasta products.

(4) Foods and food materials includes such items as spices, condiments, ice cream, soups, sauces, etc.

(5) Other beverages include alcoholic and non-alcoholic beverages, wines, cider, soft drinks and bottled water.

Source: Statistics Canada; Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 27: Average Household Food Expenditures, Alberta and Canada, 2015

	Alberta (Dollars)	% of Current Consumption	% of Total Average Expend.	Canada (Dollars)	% of Current Consumption	% of Total Average Expend.
<b>Total Average Expenditure per Household (1)</b> .....	<b>110,024</b>		<b>100.0</b>	<b>82,697</b>		<b>100.0</b>
<b>Total Current Consumption (Goods and Services)</b> .....	<b>76,535</b>	<b>100.0</b>	<b>69.6</b>	<b>60,516</b>	<b>100.0</b>	<b>73.2</b>
Food Purchased From Stores and Restaurants.....	10,170	13.3	9.2	8,628	14.3	10.4
Shelter.....	21,642	28.3	19.7	17,509	28.9	21.2
Principal Accommodation.....	19,065	24.9	17.3	15,802	26.1	19.1
Other Accommodation.....	2,577	3.4	2.3	1,707	2.8	2.1
Household Operation.....	5,305	6.9	4.8	4,490	7.4	5.4
Household Furnishings And Equipment.....	2,875	3.8	2.6	2,166	3.6	2.6
Clothing And Accessories.....	4,317	5.6	3.9	3,374	5.6	4.1
Transportation.....	16,800	22.0	15.3	11,761	19.4	14.2
Health Care.....	2,660	3.5	2.4	2,361	3.9	2.9
Personal Care.....	1,633	2.1	1.5	1,316	2.2	1.6
Recreation.....	5,236	6.8	4.8	3,981	6.6	4.8
Education.....	1,600	2.1	1.5	1,540	2.5	1.9
Reading Materials And Other Printed Matter.....	197	0.3	0.2	168	0.3	0.2
Tobacco Products And Alcoholic Beverages.....	1,788	2.3	1.6	1,336	2.2	1.6
Games Of Chance.....	230	0.3	0.2	180	0.3	0.2
Miscellaneous Expenditures.....	2,080	2.7	1.9	1,703	2.8	2.1
<b>Income Taxes</b> .....	<b>24,575</b>		<b>22.3</b>	<b>15,334</b>		<b>18.5</b>
<b>Personal Insurance Payments/Pension Contributions</b> .....	<b>6,043</b>		<b>5.5</b>	<b>4,880</b>		<b>5.9</b>
<b>Gifts of Money/Support Pymts./Charitable Contributions</b> .....	<b>2,871</b>		<b>2.6</b>	<b>1,967</b>		<b>2.4</b>

	Alberta (Dollars)	% of Food Purchased From Stores	Canada (Dollars)	% of Food Purchased From Stores
<b>Food Purchased From Stores</b> .....	<b>7,112</b>	<b>100.0</b>	<b>6,126</b>	<b>100.0</b>
<b>Bakery Products</b> .....	<b>547</b>	<b>7.7</b>	<b>574</b>	<b>9.4</b>
Bread and Unsweetened Rolls and Buns.....	241	3.4	256	4.2
Cookies and Crackers.....	134	1.9	126	2.1
Other Bakery Products.....	173	2.4	192	3.1
<b>Cereal Grains And Cereal Products</b> .....	<b>408</b>	<b>5.7</b>	<b>341</b>	<b>5.6</b>
Rice and Rice Mixes.....	49	0.7	40	0.7
Pasta Products.....	66	0.9	53	0.9
Other Cereal Grains and Cereal Products.....	293	4.1	248	4.0
<b>Fruit, Fruit Preparations and Nuts</b> .....	<b>838</b>	<b>11.8</b>	<b>755</b>	<b>12.3</b>
Fresh Fruit.....	526	7.4	473	7.7
Preserved Fruit and Fruit Preparations.....	214	3.0	187	3.1
Nuts and Seeds.....	97	1.4	96	1.6
<b>Vegetables and Vegetable Preparations</b> .....	<b>837</b>	<b>11.8</b>	<b>710</b>	<b>11.6</b>
Fresh Vegetables.....	641	9.0	537	8.8
Frozen and Dried Vegetables.....	54	0.8	40	0.7
Canned Vegetables/Other Veg. Preparations.....	143	2.0	133	2.2
<b>Dairy Products and Eggs</b> .....	<b>1030</b>	<b>14.5</b>	<b>903</b>	<b>14.7</b>
Cheese.....	334	4.7	287	4.7
Milk.....	215	3.0	217	3.5
Butter.....	43	0.6	42	0.7
Ice Cream and Ice Milk (Including Novelties).....	83	1.2	60	1.0
Other Dairy Products.....	262	3.7	213	3.5
Eggs and Other Egg Products.....	93	1.3	84	1.4
<b>Meat and Processed Meat</b> .....	<b>1,568</b>	<b>22.0</b>	<b>1,194</b>	<b>19.5</b>
Beef.....	401	5.6	301	4.9
Pork.....	222	3.1	130	2.1
Poultry.....	398	5.6	295	4.8
Processed Meat.....	510	7.2	435	7.1
<b>Fish and Seafood</b> .....	<b>194</b>	<b>2.7</b>	<b>213</b>	<b>3.5</b>
<b>Non-Alcoholic Beverages/Other Food Products</b> .....	<b>1,690</b>	<b>23.8</b>	<b>1,437</b>	<b>23.5</b>
Coffee and Tea.....	209	2.9	163	2.7
Non-Alcoholic Beverages.....	270	3.8	233	3.8
Sugar and Confectionery.....	324	4.6	270	4.4
Margarine, Oils and Fats (Excluding Butter).....	88	1.2	69	1.1
Condiments, Spices and Vinegars.....	263	3.7	237	3.9
Frozen Prepared Food.....	137	1.9	121	2.0
Ready-To-Serve Prepared Food.....	71	1.0	75	1.2
Snack Food.....	93	1.3	83	1.4
<b>Food Purchased From Restaurants</b> .....	<b>3,058</b>		<b>2,502</b>	

(1) Average spending for a specific good or service is calculated for all households, including those with and those without expenditures for the category. Average spending includes sales tax.

Source: Statistics Canada, 2015 Survey of Household Spending (SHS); CANSIM Database Table Numbers 203-0021 and 203-0028



Table 28: Food Available Per Person for Selected Products (1), Canada, 2007-2016

	Units	2007	2008	2009	2010	2011	2012r	2013r	2014r	2015r	2016p
Wheat Flour.....	kg	66.69	62.76	63.34	62.53	60.61	60.21	59.62	58.49	58.33	58.10
Rice.....	kg	7.47	6.98	7.05	6.82	6.81	6.47	7.40	7.06	6.86	7.99
Breakfast Food.....	kg	5.67	5.71	5.76	5.64	5.52	5.44	5.17	5.08	5.09	5.03
Sugar (Refined).....	kg	30.29	31.15	31.70	29.77	30.27	28.98	30.38	30.10	29.33	29.21
Tea.....	litres	85.80	91.94	77.45	111.00	96.96	68.87	71.59	84.31	69.17	63.51
Coffee.....	litres	104.18	102.93	105.60	106.68	104.54	104.40	103.52	103.09	103.15	105.64
Ale/Beer/Stout, Pop. 15 Yrs.+.....	litres	83.42	82.98	82.75	82.81	79.60	79.56	77.31	75.18	74.98	75.05
Distilled Spirits, Pop. 15 Yrs. +.....	litres	5.48	5.54	5.54	5.40	5.40	5.42	5.44	5.28	5.32	5.40
Wines, Pop. 15 Yrs. +.....	litres	13.58	14.04	14.35	14.63	14.90	15.24	15.51	15.48	15.97	16.30
Soft Drinks.....	litres	90.47	86.25	84.77	82.53	80.32	76.67	72.32	68.53	65.48	62.75
Processed Cheese.....	kg	2.24	2.13	2.10	1.93	2.11	2.02	1.90	1.74	1.60	1.69
Concentrated Whole Milk.....	litres	0.74	0.83	0.69	0.73	0.78	0.68	0.62	0.57	0.55	0.60
Ice Cream.....	litres	8.02	6.89	5.53	5.54	5.19	4.99	4.42	5.14	4.43	4.27
Standard Milk 3.25%.....	litres	11.95	11.34	11.18	10.57	9.94	9.80	9.74	9.67	9.91	10.20
Skim Milk.....	litres	8.76	8.69	8.61	8.32	8.14	7.80	7.16	6.40	5.60	5.04
Yogurt.....	litres	7.40	7.92	8.04	8.56	9.38	9.96	9.72	9.65	10.81	10.63
Sour Cream.....	litres	1.47	1.37	1.24	1.21	1.25	1.32	1.28	1.30	1.24	1.26
Eggs.....	kg (2)	11.00	11.53	11.40	11.64	12.01	12.34	12.86	13.32	13.81	14.19
Chicken.....	kg (3)	33.10	33.08	32.74	32.94	32.61	32.97	32.97	33.51	34.97	35.60
Turkey.....	kg (3)	4.33	4.58	4.49	4.34	4.24	4.18	4.24	3.99	4.15	4.25
Pork.....	kg (4)	25.14	23.89	23.57	22.06	21.50	22.30	20.87	20.56	23.02	20.90
Beef.....	kg (4)	30.60	29.76	28.28	27.88	27.26	27.60	27.34	26.42	24.32	25.00
Veal.....	kg (4)	1.08	1.01	1.01	1.08	1.03	0.97	0.93	0.93	0.87	0.79
Mutton and Lamb.....	kg (4)	1.22	1.17	1.16	1.09	1.06	0.97	1.00	1.05	1.04	1.02
Offal.....	kg (4)	1.07	0.91	1.36	1.16	0.52	0.68	0.52	0.46	1.21	0.47
Butter.....	kg	2.59	2.62	2.67	2.69	2.84	2.77	2.63	2.72	2.68	3.13
Margarine.....	kg	3.94	3.78	3.72	3.53	3.47	3.37	3.17	3.04	2.97	2.89
Salad Oils.....	kg (5)	12.39	12.89	13.13	13.31	13.37	13.90	14.07	14.23	14.23	14.64
Apples, Fresh.....	kg	10.52	10.89	11.84	11.14	11.28	10.74	10.92	11.46	10.96	10.16
Bananas, Fresh.....	kg	14.33	14.35	14.32	14.58	14.75	14.75	15.43	15.61	15.68	15.70
Blueberries, Fresh.....	kg	0.91	1.13	1.11	1.29	1.40	1.18	1.28	1.06	0.77	1.08
Strawberries, Fresh.....	kg	3.06	3.05	3.31	3.48	3.82	3.83	3.70	3.12	3.13	3.18
Cherries, Fresh.....	kg	0.83	0.81	1.09	0.87	0.95	1.15	0.79	0.92	0.68	0.72
Oranges, Fresh.....	kg	8.63	9.52	8.94	9.27	9.29	9.02	9.01	8.31	9.04	9.43
Grapefruits, Fresh.....	kg	1.61	1.50	1.36	1.30	1.28	1.23	1.19	1.12	1.11	1.01
Asparagus, Fresh.....	kg	0.59	0.64	0.70	0.71	0.75	0.71	0.67	0.70	0.60	0.64
Beets, Fresh.....	kg	0.38	0.33	0.52	0.53	0.64	0.72	0.68	0.71	1.03	0.87
Broccoli, Fresh.....	kg	3.11	2.90	2.90	2.67	2.39	2.53	2.64	2.70	2.70	2.70
Cabbage, Fresh.....	kg	3.14	3.62	4.28	3.61	4.07	4.43	4.24	4.12	4.16	4.28
Carrots, Fresh.....	kg	6.62	6.19	7.12	9.43	8.77	8.69	7.17	6.23	8.30	7.50
Cucumbers, Fresh.....	kg	2.70	2.65	3.44	3.46	3.42	3.55	3.28	3.43	3.20	2.65
Garlic, Fresh.....	kg	0.45	0.44	0.44	0.39	0.46	0.46	0.48	0.48	0.51	0.50
Lettuce, Fresh.....	kg	10.06	9.67	9.42	9.63	9.79	9.40	9.38	9.55	9.06	9.11
Mushrooms, Fresh.....	kg	1.61	1.90	1.72	1.44	1.62	1.81	1.78	1.87	2.10	1.71
Onions and Shallots, Fresh.....	kg	8.41	6.11	8.58	8.64	8.78	8.76	8.16	8.53	9.11	8.72
Peas, Fresh.....	kg	0.30	0.29	0.31	0.28	0.29	0.16	0.27	0.22	0.22	0.18
Potatoes, Frozen.....	kg	7.62	6.89	6.67	7.83	5.98	8.00	7.36	6.71	6.83	6.45
Potatoes, White, Fresh.....	kg (6)	27.38	25.60	24.73	25.23	22.37	30.28	25.34	22.69	21.68	22.71
Spinach, Fresh.....	kg	0.54	0.60	0.66	0.74	0.75	0.82	0.89	0.96	0.95	0.93
Tomatoes, Fresh.....	kg	7.52	8.05	8.15	7.96	8.16	8.13	8.58	8.36	8.00	8.19
Tomatoes, Canned.....	kg	4.00	3.96	3.75	3.85	3.83	3.75	3.77	3.54	3.53	3.71
Fresh/Frozen Sea Fish.....	kg (7)	3.94	3.26	3.63	3.45	3.49	2.94	3.55	3.50	3.17	2.67

(1) The data in this table represent food available for consumption and not actual quantities of food consumed since they do not allow for losses such as waste and/or spoilage in stores, households, private institutions or restaurants.

(2) In fresh equivalent weight.

(3) Eviscerated weight. Note: Use data with caution.

(4) In carcass weight.

(5) As of 2007, "salad oils" include olive oil.

(6) Includes seed potatoes.

(7) In edible weight.

Source: Statistics Canada, CANSIM Database Table Number 002-0011

Table 29: Alberta Food Services and Drinking Places, 2007-2016

	2007	2008	2009r	2010r	2011r	2012r	2013r	2014r	2015r	2016p
\$ Millions										
<b>Total Receipts</b> .....	<b>6,409,540</b>	<b>6,618,399</b>	<b>6,529,376</b>	<b>6,674,587</b>	<b>7,099,381</b>	<b>7,691,224</b>	<b>8,216,072</b>	<b>8,738,627</b>	<b>8,883,287</b>	<b>8,933,141</b>
Special Food Services (1).....	447,384	541,023	477,624	520,422	633,653	733,381	715,904	772,352	728,729	682,248
Drinking Places (2).....	409,423	374,006	357,754	319,117	308,822	329,114	339,838	346,428	338,571	346,175
Full-Service Restaurants.....	2,860,482	2,891,090	2,795,860	2,839,178	3,056,580	3,288,115	3,606,072	3,927,097	3,964,288	3,857,131
Limited-Service Eating Places.....	2,647,766	2,812,279	2,898,136	2,995,869	3,100,331	3,340,612	3,554,253	3,692,749	3,851,701	4,047,590

(1) Special food services include contractors, social caterers and mobile food services.

(2) Drinking places with alcoholic beverages.

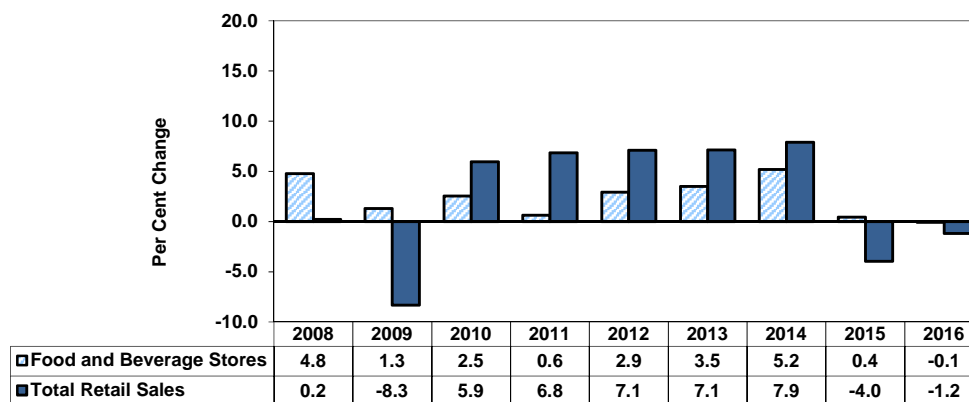
Source: Statistics Canada, CANSIM Database Table Number 355-0006

Table 30: Alberta Retail Sales for Food and Beverage Stores, 2007-2016

	2007	2008	2009	2010	2011	2012r	2013r	2014r	2015r	2016p
\$ Millions										
<b>Total Retail Sales</b> .....	<b>61,490.2</b>	<b>61,619.6</b>	<b>56,489.2</b>	<b>59,848.9</b>	<b>63,945.0</b>	<b>68,474.7</b>	<b>73,362.6</b>	<b>79,147.1</b>	<b>76,019.3</b>	<b>75,109.6</b>
<b>Food and Beverage Stores</b> .....	<b>11,897.1</b>	<b>12,464.0</b>	<b>12,625.1</b>	<b>12,946.3</b>	<b>13,028.8</b>	<b>13,408.1</b>	<b>13,877.6</b>	<b>14,598.4</b>	<b>14,661.5</b>	<b>14,247.3</b>
% Share of Total Retail Sales.....	19.3	20.2	22.3	21.6	20.4	19.6	18.9	18.4	19.3	19.0
<b>Total Grocery Stores</b> .....	x	x	x	10,338.8	10,308.1	10,693.1	11,029.8	11,530.0	11,436.6	11,288.2
Supermarkets and Other										
Grocery Stores.....	8,841.8	9,176.6	9,196.2	9,409.0	9,512.6	9,927.4	10,269.5	10,804.3	10,645.1	10,495.7
Convenience Stores.....	x	x	x	929.8	795.5	765.7	760.3	725.6	791.5	792.6
Specialty Food Stores.....	x	x	x	393.6	426.7	444.4	512.9	517.3	533.1	557.3
Beer, Wine and Liquor Stores.....	1,898.4	2,080.0	2,218.7	2,213.9	2,294.0	2,270.6	2,334.9	2,551.2	2,691.8	2,803.7

Source: Statistics Canada, CANSIM Database Table Number 080-0020

Fig. 13 Alberta Retail Sales for Food and Beverage Stores, Annual Per Cent Change, 2008-2016



Source: Statistics Canada, CANSIM Database Table Number 080-0020

Table 31: Edmonton Monthly Retail Food Price Indices\* by Category  
(Jan 2009=100) (1), 2016

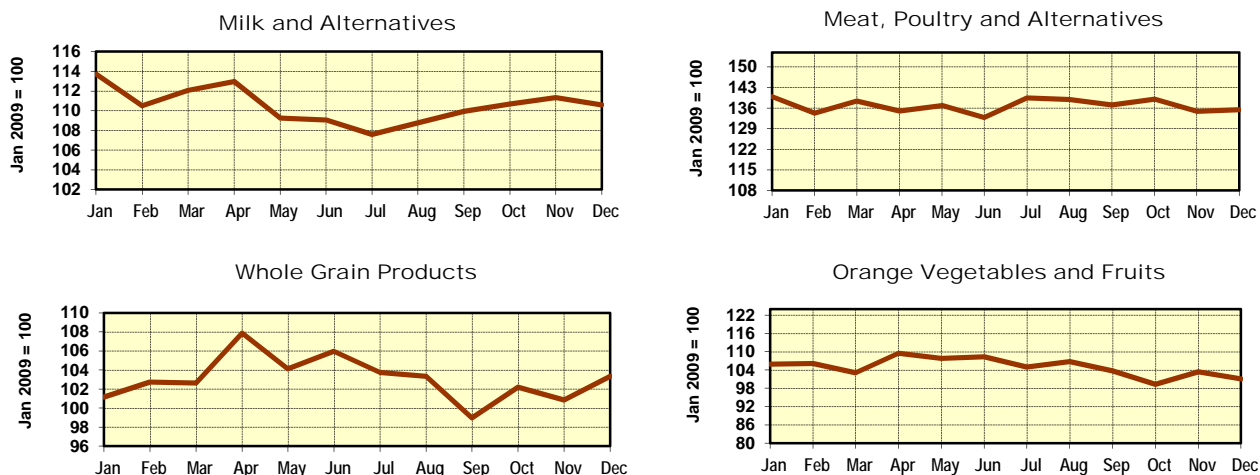
	Milk and Alternatives	Eggs	Meat, Poultry and Alternatives	Fish	Whole Grain Products	Non-Whole Grain Products
Jan 2009 = 100						
Jan.....	113.72	128.32	139.91	110.64	101.17	104.63
Feb.....	110.51	119.91	134.27	121.36	102.73	105.81
Mar.....	112.04	125.22	138.44	117.73	102.63	104.23
Apr.....	112.96	125.22	135.00	118.27	107.89	104.26
May.....	109.26	127.43	136.84	117.73	104.12	106.97
Jun.....	109.05	127.43	132.81	122.36	105.97	105.60
Jul.....	107.59	125.66	139.46	117.00	103.73	105.13
Aug.....	108.76	129.65	138.97	120.09	103.34	107.99
Sep.....	109.93	129.54	137.08	109.42	98.96	101.03
Oct.....	110.69	129.54	139.04	109.75	102.19	96.11
Nov.....	111.33	128.32	134.96	110.55	100.84	98.82
Dec.....	110.59	130.97	135.45	114.45	103.34	102.21
<b>Average</b>	<b>110.53</b>	<b>127.27</b>	<b>136.85</b>	<b>115.78</b>	<b>103.08</b>	<b>103.57</b>
	Orange Vegetables and Fruits	Dark Green Vegetables	Other Vegetables and Fruits	Other Processed Vegetables and Fruits	Unsaturated Oils and Fats	Sweeteners
Jan 2009 = 100						
Jan.....	105.96	123.50	141.17	115.21	103.88	125.00
Feb.....	106.16	107.93	114.57	113.34	104.56	119.86
Mar.....	103.13	110.28	113.27	110.68	103.49	126.75
Apr.....	109.49	101.93	106.96	113.99	101.12	129.32
May.....	107.78	104.74	106.94	114.52	101.16	129.84
Jun.....	108.38	108.35	110.04	110.90	98.79	124.59
Jul.....	104.95	100.42	109.49	114.39	97.62	123.97
Aug.....	106.77	106.42	106.68	116.65	96.70	126.03
Sep.....	103.74	95.19	105.07	109.75	93.98	108.93
Oct.....	99.29	89.24	103.64	103.11	93.56	118.10
Nov.....	103.43	97.02	108.06	109.72	95.15	116.56
Dec.....	101.11	92.11	111.84	104.84	94.52	120.06
<b>Average</b>	<b>105.02</b>	<b>103.09</b>	<b>111.48</b>	<b>111.42</b>	<b>98.71</b>	<b>122.42</b>

\*Beginning in 2009, the Edmonton Retail Food Prices survey methodology was updated based, in part, on Health Canada's 2008 National Nutritious Food Basket.

(1) Retail prices of over 70 food items are collected each week at representative stores of the major food chains in Edmonton. The prices are weighted to account for estimated market share held by each chain.

Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 14 Edmonton Monthly Retail Food Price Indices, Selected Categories  
(Jan 2009=100), 2016



Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 32: Edmonton Nutritious Food Basket - Weekly Average Cost for a Family of Four (1), 2016\*

	Milk and Alternatives	Eggs	Meat, Poultry and Alternatives	Fish	Orange Vegetables and Fruits	Dark Green Vegetables
	\$					
Jan.....	34.99	3.38	68.51	13.09	7.15	16.10
Feb.....	34.50	3.16	66.56	14.23	6.99	13.40
Mar.....	34.60	3.30	68.97	13.84	7.15	13.23
Apr.....	36.22	3.30	66.67	13.85	7.40	11.51
May.....	35.80	3.36	68.55	13.77	7.14	11.81
Jun.....	35.89	3.36	66.62	14.34	7.26	12.24
Jul.....	35.84	3.31	72.72	13.74	6.93	11.53
Aug.....	35.94	3.42	70.24	14.06	7.11	12.28
Sep.....	35.51	3.41	70.90	12.89	6.88	11.47
Oct.....	34.10	3.41	72.52	12.73	6.91	10.34
Nov.....	34.14	3.38	70.34	12.91	6.85	11.22
Dec.....	35.49	3.45	71.14	13.34	6.91	11.03
<b>Average</b>	<b>35.25</b>	<b>3.35</b>	<b>69.48</b>	<b>13.57</b>	<b>7.06</b>	<b>12.18</b>

	Other Vegetables and Fruits	Whole Grain Products	Non-Whole Grain Products	Unsaturated Oils and Fats	Total Weekly Cost (2)
	\$				
Jan.....	55.02	19.42	14.22	8.00	239.87
Feb.....	47.32	19.87	13.86	8.05	227.94
Mar.....	46.66	20.35	14.35	7.97	230.42
Apr.....	45.40	21.46	14.39	7.71	227.91
May.....	44.98	20.01	14.27	7.73	227.42
Jun.....	45.61	20.97	14.44	7.53	228.26
Jul.....	45.92	20.33	14.13	7.47	231.91
Aug.....	45.98	20.32	14.50	7.39	231.23
Sep.....	44.13	19.47	13.83	7.17	225.66
Oct.....	42.54	20.42	13.63	7.05	223.66
Nov.....	44.91	20.47	13.59	7.20	225.01
Dec.....	44.80	20.65	14.06	7.08	227.95
<b>Average</b>	<b>46.11</b>	<b>20.31</b>	<b>14.11</b>	<b>7.53</b>	<b>228.94</b>

\* Based on Health Canada's 2008 National Nutritious Food Basket.

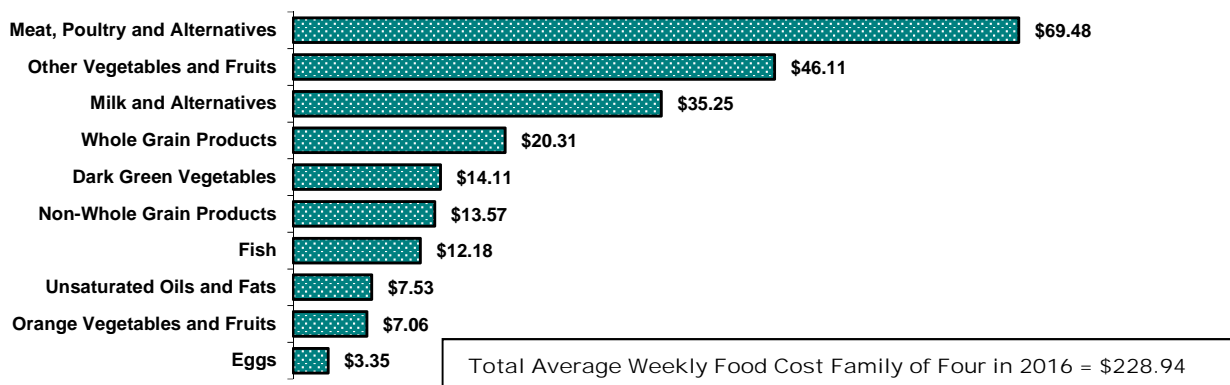
(1) The family of four is composed of a man (31-50 years), a woman (31-50 years), a boy (9-13 years) and a girl (4-8 years).

(2) Add 10% to Total Weekly Average Cost to cover condiments, baking supplies, tea, coffee, etc., Vitamin D supplement for adult men and women over 50 years of age and iron supplement for pregnant women.

Note: Due to rounding, totals may not add up.

Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 15 Edmonton Nutritious Food Basket - Weekly Average Cost for a Family of Four in 2016



Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 33: Per Capita Consumption of Meats in Canada and United States, 1988-2016

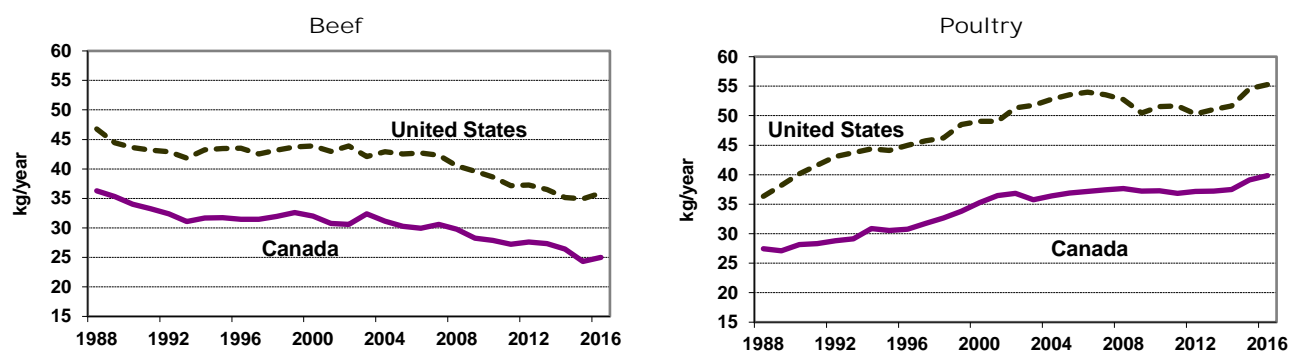
	Beef		Veal		Mutton/Lamb		Pork		Poultry (1)	
	Canada	U.S.	Canada	U.S.	Canada	U.S.	Canada	U.S.	Canada (2)	U.S.
	kg/year									
1988.....	36.3	46.8	1.3	0.7	0.8	0.7	28.1	30.6	27.4	36.3
1989.....	35.3	44.4	1.4	0.7	0.8	0.7	28.7	30.4	27.1	38.2
1990.....	34.0	43.6	1.5	0.6	0.8	0.7	26.1	29.1	28.2	40.1
1991.....	33.3	43.2	1.5	0.5	0.9	0.7	25.9	29.3	28.3	41.6
1992.....	32.4	42.9	1.5	0.6	0.8	0.7	28.4	30.8	28.8	43.1
1993.....	31.1	41.8	1.4	0.5	0.9	0.7	27.6	30.3	29.1	43.7
1994.....	31.7	43.3	1.3	0.5	0.8	0.6	28.4	30.7	30.9	44.4
1995.....	31.8	43.4	1.4	0.5	0.8	0.6	27.8	30.2	30.6	44.1
1996.....	31.5	43.5	1.3	0.6	0.8	0.5	26.0	28.3	30.8	45.0
1997.....	31.5	42.6	1.4	0.6	0.7	0.5	25.4	27.9	31.8	45.7
1998.....	31.9	43.2	1.3	0.4	0.8	0.6	28.7	30.1	32.7	46.2
1999.....	32.6	43.7	1.3	0.4	0.9	0.6	30.1	30.8	33.8	48.5
2000.....	32.0	43.9	1.3	0.4	0.9	0.6	28.7	29.9	35.3	49.0
2001.....	30.8	43.0	1.3	0.3	1.0	0.6	28.9	29.4	36.5	49.0
2002.....	30.6	43.9	1.3	0.3	1.0	0.6	27.8	30.1	36.8	51.3
2003.....	32.4	42.1	1.2	0.3	1.1	0.6	25.1	30.3	35.8	51.8
2004r.....	31.2	42.9	1.2	0.3	1.1	0.6	26.8	30.1	36.4	52.8
2005r.....	30.3	42.5	1.1	0.3	1.1	0.5	23.1	29.3	36.9	53.6
2006r.....	29.9	42.7	1.1	0.2	1.2	0.5	25.1	29.7	37.2	54.0
2007r.....	30.6	42.3	1.1	0.2	1.2	0.6	25.1	29.7	37.4	53.5
2008r.....	29.8	40.5	1.0	0.2	1.2	0.5	23.9	28.9	37.7	52.7
2009r.....	28.3	39.6	1.0	0.2	1.2	0.5	23.6	29.3	37.2	50.4
2010r.....	27.9	38.6	1.1	0.2	1.1	0.5	22.1	27.9	37.3	51.6
2011r.....	27.3	37.1	1.0	0.2	1.1	0.4	21.5	26.7	36.9	51.7
2012r.....	27.6	37.3	1.0	0.2	1.0	0.4	22.3	26.8	37.2	50.3
2013r.....	27.3	36.5	0.9	0.2	1.0	0.5	20.9	27.4	37.2	51.1
2014r.....	26.4	35.1	0.9	0.1	1.1	0.5	20.6	26.8	37.5	51.7
2015r.....	24.3	34.9	0.9	0.1	1.0	0.5	23.0	29.0	39.1	54.6
2016p.....	25.0	35.9	0.8	0.1	1.0	0.5	20.9	29.2	39.9	55.3

Note: Carcass weight figures for beef, veal, mutton/lamb and pork. Eviscerated (carcass) weight figures for total poultry.

(1) Total poultry includes stewing hens, chickens and turkeys, (2) Due to changes in methodology for Canadian poultry from 2002, use the numbers with caution.

Source: Statistics Canada, CANSIM Database Table Number 002-0011; and Livestock Market Information Center

Fig. 16 Beef and Poultry Consumption in Canada and United States, 1988-2016



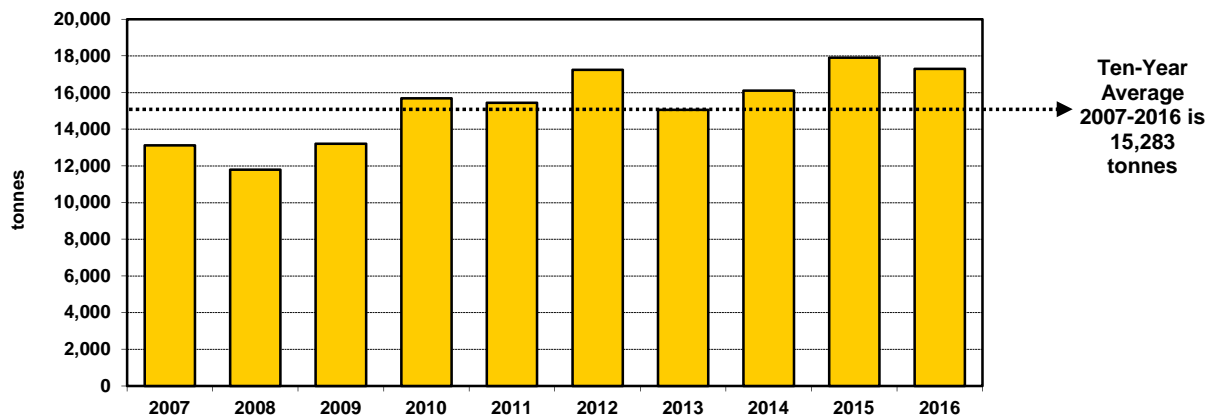
Source: Statistics Canada, CANSIM Database Table Number 002-0011; and Livestock Market Information Center

Table 34: Alberta Honey Statistics, 1998-2016

	Colonies			Honey			
	Beekkeepers	Colonies	Per Beekeeper	Yield per Colony	Production	Price	Value
	Number			kg	tonnes	\$/kg	\$'000
1998.....	730	205,000	281	85	17,389	1.96	34,000.0
1999.....	725	205,000	283	55	11,251	1.79	20,157.5
2000.....	747	217,000	290	50	10,926	1.81	19,741.4
2001.....	739	227,000	307	54	12,150	2.26	27,488.0
2002.....	700	227,000	324	59	13,488	4.32	58,320.0
2003.....	755	221,000	293	57	12,630	4.50	56,845.0
2004.....	695	248,000	357	61	15,186	3.32	50,455.0
2005.....	728	251,000	345	58	14,459	2.17	31,428.0
2006.....	733	254,000	347	83	21,199	2.19	46,375.0
2007.....	726	237,000	326	55	13,115	2.26	29,627.0
2008.....	620	226,000	365	52	11,789	3.20	37,755.0
2009.....	683	251,000	367	53	13,207	3.70	48,837.0
2010.....	769	266,000	346	59	15,685	3.58	56,230.0
2011.....	798	274,600	344	56	15,445	3.83	59,168.0
2012.....	883	278,400	315	62	17,237	3.96	68,340.0
2013.....	890	278,100	312	54	15,059	4.84	72,905.0
2014.....	1,015	282,900	279	57	16,103	4.95	79,788.0
2015r.....	1,064	296,880	279	60	17,899	4.72	84,555.0
2016p.....	1,400	305,000	218	57	17,293	3.29	56,859.0

Source: Statistics Canada, CANSIM Database Table Number 001-0007

Fig. 17 Honey Production in Alberta, 2007-2016



Source: Statistics Canada, CANSIM Database Table Number 001-0007

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Trade Statistics - Definitions

**Export Statistics (1)**

International trade statistics are compiled by Statistics Canada according to the "General" system of trade defined by the Statistical Office of the United Nations. Under this system, domestic exports include all goods grown, extracted or manufactured in Canada, including goods of foreign origin which have been materially transformed in Canada.

Export statistics are classified and published according to the Harmonized Commodity Description and Coding System (Harmonized System or HS). The HS is a product classification system used by almost all countries in reporting export statistics. It is consistent for all countries to the 6-digit level.

Exports are, in principle, valued or recorded at the values declared on export documents, which usually reflect the transaction value or the actual selling price. Canadian exports to overseas countries are valued at "Free on Board" (F.O.B.) port of exit basis, including freight charges to that point but net of discounts and allowances. As of January, 1990, Canadian exports to the U.S. are valued F.O.B. point of exit from Canada. Prior to 1990, they were valued F.O.B. place of lading net of freight charges, discounts and allowances.

**Alberta's Agri-Food Exports (2)**

Alberta's international agri-food exports include exports of primary agricultural commodities (live animals and crops) and processed agricultural and food products (value added exports). The latter includes food, beverages, animal feeds, and inedible crude animal and plant products.

Information on Alberta agri-food exports is compiled by the Statistics and Data Development Section of Alberta Agriculture and Forestry. Data are sourced from the International Trade Division of Statistics Canada.

Canadian international merchandise trade statistics are compiled from Canada Border Services Agency and U.S. Customs and Border Protection administrative files. Customs-based export statistics may understate and/or incorrectly portray the destination of exports or the province of origin. Inaccuracies of export data often result from the attribution of exports on a province of lading basis rather than by province of origin. Also, the country of final destination may be inaccurately reported when exports are routed through an intermediary country before continuing on to their final destination. For example, exports to the United States may be overestimated and exports to other countries such as Mexico or Russia underestimated. As well, caution should be used when reporting exports of some commodities/products, for example: hides and skins, tallow, peas, lentils, dehydrated alfalfa, peat moss, etc. Alberta exports of these products may be underestimated.

Note: Statistics on Alberta agri-food exports presented in the Yearbook refer to non-adjusted export statistics and are subject to revision.

**(1) Source: Statistics Canada "Canadian International Merchandise Trade" - Technical notes**

**(2) Source: Alberta Agriculture and Forestry, Statistics and Data Development Section**

## Alberta Agri-Food Exports in 2016

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In 2016, Alberta exports of primary and processed agricultural and food products (agri-food) were \$10.0 billion, marginally down from the 2015 record of \$10.2 billion. Gains continued to be reported mainly in exports of value added products, while exports of primary commodities declined. Nationally, Alberta accounted for 18.0 per cent of the Canadian total, and remained the third largest exporter of agri-food products after Saskatchewan and Ontario.

### Export Products

**In 2016, exports of value added products** rose for the third consecutive year, up 4.9 per cent to \$5.04 billion and represented marginally over one-half of Alberta's total value. Meats were the largest value added exports, followed by refined and crude canola oils, french fries, prepared animal feeds, malt and canola cake and meal. Higher exports of value added products moderated lower exports of primary commodities (animals and crops). **Exports of primary commodities** declined 7.9 per cent to \$4.96 billion and accounted for just under 50.0 per cent of the total. The decline was a result of lower exports of major cereal grains combined with weaker prices.

**In the crop sector**, exports of all major grains declined in both value and quantity, while exports of oilseeds, with the exception of flaxseed, increased in 2016. Wheat exports fell almost 25.0 per cent in value to \$1.8 billion, while quantity was down 18.5 per cent to 6.2 million tonnes. Reduced exports of wheat to the United States, Indonesia, Bangladesh and Peru contributed to the decline. Exports of canola seed rose 9.8 per cent in value to \$1.8 billion and 11.0 per cent in quantity, ranking canola as the largest export in 2016. China remained the most important market for canola seed, followed by Japan, Mexico and Pakistan. Among the other crops, increases were reported for dry peas, lentils, potatoes, mustard seed and other oilseeds.

**In the livestock sector**, exports of live animals improved in 2016. Exports of live cattle rose in value and quantity, with the number of exported cattle increasing at a faster rate than value. Also, live hog exports showed a bigger increase in volume than in value. Exports of beef rose 9.8 per cent in quantity to 264,000 tonnes, while the value declined slightly to \$1.7 billion, owing to lower prices. In contrast, pork exports grew marginally in value, while quantity fell. The United States was the largest export market for Alberta livestock.

### Trading Partners

In 2016, Alberta's top export markets for agri-food products were the same as in 2015, comprising the United States, China, Japan, Mexico and South Korea. Exports to these five countries combined were \$7.4 billion, representing almost three-quarters of Alberta's total agri-food exports.

**The United States** continues to be Alberta's largest trading partner, accounting for 40.5 per cent of its total agri-food exports. In 2016, exports to this market were just over \$4.0 billion. Substantial increases occurred in exports of value added products, such as crude canola oil, dairy products, honey, processed meat and beef. These increases moderated declines in primary commodity exports. Commodity exports fell 5.2 per cent from 2015, mainly due to lower export values and quantities of major grains and oilseeds. The US remained Alberta's sole export market for non-purebred live cattle and hogs, and accounted for over 70.0 per cent of the province's total beef exports (value).

**Exports to China**, Alberta's second largest market in 2016, fell 13.4 per cent to \$1.4 billion. The decline was a result of significantly lower exports of wheat, barley, canola seed, beef and pork. Partially offsetting these declines were larger exports of crude and refined canola oil and animal feeds. As in previous years, crude canola oil was the second largest export to China, after canola seed. In 2016, exports of canola seed fell 9.5 per cent, while crude canola oil was up 34.9 per cent. Canola seed and oil combined, made up almost 65.0 per cent of Alberta's total exports to China.

**Exports to Japan**, Alberta's third largest market, rose 11.3 per cent to \$1.2 billion in 2016. Increased exports of canola seed, wheat, beef, pork and processed meat, contributed to the growth. Canola seed (\$403 million), the largest export to Japan, increased 13.0 per cent in value. As well, beef exports jumped 82.0 per cent to \$118.5 million. Pork, traditionally the second largest export to this market, was up 7.0 per cent to \$213 million. Increases were also reported in exports of animal feeds, milled cereals and horse meat.

**Exports to Mexico**, Alberta's fourth largest market, fell 5.8 per cent to \$540 million in 2016. The decline was a result of lower exports of beef, wheat, milled cereals, canola seed and live cattle. Beef exports fell 31.4 per cent to \$98 million, and canola seed was down 1.5 per cent to \$248 million. Canola seed, beef and wheat combined, made up about 80.0 per cent of Alberta's total agri-food exports to this market.

**Exports to South Korea**, Alberta's fifth largest export market, grew modestly by 1.8 per cent to \$237 million in 2016. Substantial increases were reported in exports of beef, french fries, animal feeds, crude canola oil and pork. On the other hand, exports of wheat and hides and skins declined from 2015.

**At the regional level**, the largest exports were reported for North America and Asia. Exports to Asia fell 1.4 per cent to \$3.9 billion and accounted for 38.9 per cent of Alberta's total. The highest growth occurred in exports to Eastern and Western Europe, up 18.0 per cent and 5.0 per cent, respectively.



Table 35: Alberta International Agri-Food Exports - Value, 1989-2016

	Exports to All Countries		Exports to the United States		Exports to All Other countries	
	\$'000	% Chg.	\$'000	% Chg.	\$'000	% Chg.
1989 (1).....	2,286,567	-	722,102	-	1,564,465	-
1990.....	2,356,367	3.1	727,005	0.7	1,629,362	4.1
1991.....	2,200,140	-6.6	741,843	2.0	1,458,297	-10.5
1992.....	2,707,788	23.1	1,078,736	45.4	1,629,052	11.7
1993.....	2,632,560	-2.8	1,331,947	23.5	1,300,613	-20.2
1994 (2).....	3,640,691	38.3	1,816,245	36.4	1,824,446	40.3
1995.....	4,001,269	9.9	1,882,490	3.6	2,118,779	16.1
1996.....	4,691,087	17.2	2,186,300	16.1	2,504,788	18.2
1997.....	4,867,307	3.8	2,254,525	3.1	2,612,783	4.3
1998.....	4,708,430	-3.3	2,511,198	11.4	2,197,232	-15.9
1999.....	4,544,994	-3.5	2,566,030	2.2	1,978,964	-9.9
2000.....	5,297,317	16.6	2,779,189	8.3	2,518,128	27.2
2001.....	5,987,232	13.0	3,288,223	18.3	2,699,008	7.2
2002.....	5,201,917	-13.1	3,035,205	-7.7	2,166,713	-19.7
2003.....	4,087,581	-21.4	2,019,356	-33.5	2,068,225	-4.5
2004.....	5,251,513	28.5	2,301,903	14.0	2,949,610	42.6
2005.....	5,336,306	1.6	2,495,672	8.4	2,840,634	-3.7
2006.....	5,813,428	8.9	2,606,735	4.5	3,206,692	12.9
2007.....	6,491,477	11.7	2,697,170	3.5	3,794,307	18.3
2008.....	8,385,912	29.2	3,212,989	19.1	5,172,924	36.3
2009.....	7,428,837	-11.4	2,703,726	-15.9	4,725,111	-8.7
2010.....	6,775,409	-8.8	2,431,171	-10.1	4,344,238	-8.1
2011.....	8,061,065	19.0	2,550,749	4.9	5,510,316	26.8
2012.....	9,209,942	14.3	2,967,055	16.3	6,242,888	13.3
2013.....	8,711,642	-5.4	3,049,960	2.8	5,661,682	-9.3
2014r.....	9,754,059	12.0	3,945,473	29.4	5,808,586	2.6
2015r.....	10,181,765	4.4	3,998,281	1.3	6,183,483	6.5
2016p.....	9,991,742	-1.9	4,045,860	1.2	5,945,882	-3.8

(1) Establishment of the 1989 Canada and United States Free Trade Agreement (FTA).

(2) Establishment of the 1994 Canada, United States and Mexico North American Free Trade Agreement (NAFTA).

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 18 **Percentage** Growth in Alberta Agri-Food Exports Since Establishment of Free Trade Agreements

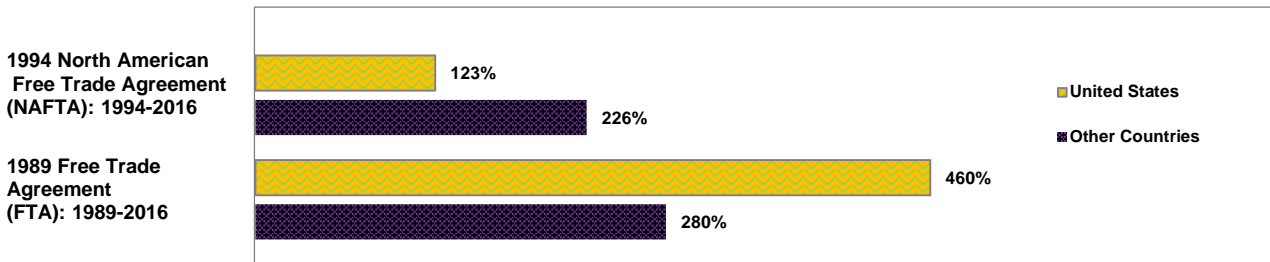
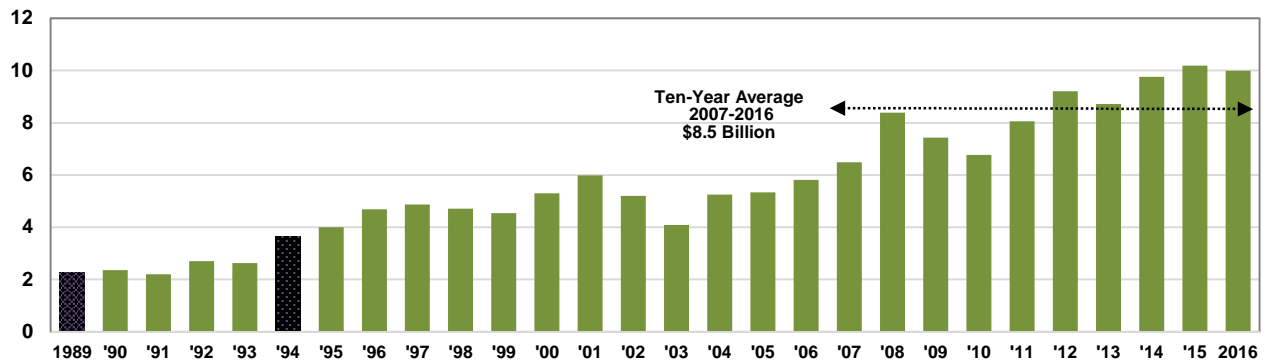


Fig. 19 Value of Alberta Agri-Food Exports to All Countries, 1989-2016, \$ Billions



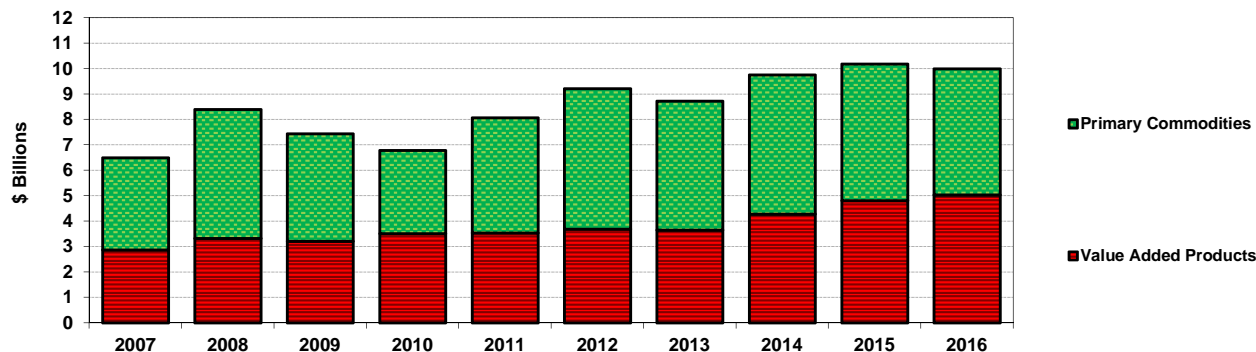
Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 36: Agri-Food Exports by Type of Product, Alberta and Canada - Value, 2007-2016

	Value Added			Value Added		
	Primary Commodities	Processed Products	Total Agri-Food Exports	Primary Commodities	Processed Products	Total Agri-Food Exports
	\$'000			% Change From Previous Year		
<b>Alberta</b>						
2007.....	3,623,134	2,868,343	6,491,477	19.2	3.4	11.7
2008.....	5,070,451	3,315,461	8,385,912	39.9	15.6	29.2
2009.....	4,216,732	3,212,105	7,428,837	-16.8	-3.1	-11.4
2010.....	3,262,394	3,513,015	6,775,409	-22.6	9.4	-8.8
2011.....	4,520,345	3,540,720	8,061,065	38.6	0.8	19.0
2012.....	5,529,191	3,680,751	9,209,942	22.3	4.0	14.3
2013.....	5,060,670	3,650,973	8,711,642	-8.5	-0.8	-5.4
2014r.....	5,476,136	4,277,923	9,754,059	8.2	17.2	12.0
2015r.....	5,379,581	4,802,184	10,181,765	-1.8	12.3	4.4
2016p.....	4,955,804	5,035,938	9,991,742	-7.9	4.9	-1.9
<b>Ten-Year Average: 2007-2016</b>				<b>Ten-Year % Change: 2016/2007</b>		
	4,709,444	3,789,741	8,499,185	36.8	75.6	53.9
<b>Five-Year Average: 2012-2016</b>				<b>Five-Year % Change: 2016/2012</b>		
	5,280,276	4,289,554	9,569,830	-10.4	36.8	8.5
<b>Canada</b>						
2007.....	14,885,138	16,916,865	31,802,003	27.2	2.8	13.0
2008.....	20,316,795	18,921,239	39,238,035	36.5	11.8	23.4
2009.....	17,506,050	18,004,367	35,510,417	-13.8	-4.8	-9.5
2010.....	16,379,712	19,381,765	35,761,478	-6.4	7.7	0.7
2011.....	18,847,012	21,765,974	40,612,986	15.1	12.3	13.6
2012.....	20,625,638	23,243,295	43,868,933	9.4	6.8	8.0
2013.....	22,098,258	24,236,188	46,334,445	7.1	4.3	5.6
2014r.....	25,624,759	26,355,523	51,980,283	16.0	8.7	12.2
2015r.....	26,697,041	29,412,211	56,109,252	4.2	11.6	7.9
2016p.....	25,334,519	31,138,893	56,473,412	-5.1	5.9	0.6
<b>Ten-Year Average: 2007-2016</b>				<b>Ten-Year % Change: 2016/2007</b>		
	20,831,492	22,937,632	43,769,124	70.2	84.1	77.6
<b>Five-Year Average: 2012-2016</b>				<b>Five-Year % Change: 2016/2012</b>		
	24,076,043	26,877,222	50,953,265	22.8	34.0	28.7

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 20 Value of Alberta Agri-Food Exports by Type of Product, 2007-2016



Note: Primary commodities refer to raw commodities (animals and crops). Value added products refer to processed products and by-products of manufacture, as well as, crude animal and plant products.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 37: Alberta Agri-Food Exports by Product - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg.	Average	
	\$'000					'16/'15	2012-2016	
						%	\$'000	%
<b>Animals and Crops</b>								
Live Cattle, Purebred.....	684	4,345	3,671	974	1,518	55.9	2,238	0.0
Live Cattle, Other.....	588,306	477,928	714,747	585,111	622,529	6.4	597,724	6.2
Live Hogs.....	39,330	45,206	61,839	53,094	54,577	2.8	50,809	0.5
Other Live Animals (incl. Bison, Sheep, Poultry).....	23,616	26,377	41,536	52,929	53,365	0.8	39,565	0.4
Barley.....	188,391	183,018	194,185	194,930	142,045	-27.1	180,514	1.9
Wheat.....	2,276,110	2,307,003	2,339,479	2,423,187	1,818,782	-24.9	2,232,912	23.3
Oats.....	109,765	53,737	41,359	44,221	37,241	-15.8	57,265	0.6
Other Cereal, Unmilled.....	21,687	25,967	6,968	20,726	7,266	-64.9	16,523	0.2
Hay and Fodder (incl. Alfalfa Cubes).....	114,190	104,146	100,541	96,131	89,356	-7.0	100,873	1.1
Peas.....	149,918	85,590	64,598	59,004	80,551	36.5	87,932	0.9
Lentils.....	3,769	5,608	5,646	13,473	34,705	157.6	12,640	0.1
Other Dried Beans.....	54,922	40,765	45,472	53,687	54,925	2.3	49,954	0.5
Potatoes, Seed and Other.....	11,630	11,879	21,640	26,309	52,413	99.2	24,774	0.3
Fruits and Vegetables.....	11,041	13,169	14,848	6,372	3,635	-42.9	9,813	0.1
Canola Seed.....	1,872,995	1,615,906	1,766,656	1,677,209	1,841,741	9.8	1,754,901	18.3
Mustard Seed.....	20,176	24,446	21,713	18,629	19,839	6.5	20,961	0.2
Linseed.....	21,649	33,887	29,487	51,025	34,439	-32.5	34,097	0.4
Other Oilseeds and Oilnuts.....	21,011	1,692	1,750	2,571	6,878	167.6	6,780	0.1
<b>Sub-Total.....</b>	<b>5,529,191</b>	<b>5,060,670</b>	<b>5,476,136</b>	<b>5,379,581</b>	<b>4,955,804</b>	<b>-7.9</b>	<b>5,280,276</b>	<b>55.2</b>
<b>Crude Animal and Plant Products</b>								
Raw Hides and Skins (incl. Fur Skins).....	176,110	204,577	253,286	221,079	205,841	-6.9	212,179	2.2
Bovine Semen.....	36,464	42,995	55,074	47,322	55,250	16.8	47,421	0.5
Other Crude Animal Products.....	32,044	38,901	52,772	69,583	55,974	-19.6	49,855	0.5
Seeds for Sowing.....	37,931	44,599	42,985	51,256	61,911	20.8	47,736	0.5
Peat Moss.....	48,806	48,599	54,924	80,564	85,520	6.2	63,683	0.7
Nursery and Other Crude Vegetable Products.....	5,195	5,219	8,446	10,038	12,639	25.9	8,307	0.1
<b>Sub-Total.....</b>	<b>336,550</b>	<b>384,891</b>	<b>467,486</b>	<b>479,841</b>	<b>477,135</b>	<b>-0.6</b>	<b>429,181</b>	<b>4.5</b>
<b>Products and By-Products of Manufacture</b>								
<b>Meats (1) - Total.....</b>	<b>1,297,934</b>	<b>1,397,723</b>	<b>1,996,213</b>	<b>2,266,268</b>	<b>2,252,786</b>	<b>-0.6</b>	<b>1,842,185</b>	<b>19.2</b>
Beef and Veal.....	852,153	961,703	1,428,935	1,696,488	1,670,608	-1.5	1,321,977	13.8
Pork.....	364,980	348,311	467,104	468,885	471,956	0.7	424,247	4.4
Horse Meat.....	45,935	46,115	53,825	50,891	51,049	0.3	49,563	0.5
Other Meat (2).....	11,897	12,837	11,809	16,422	15,693	-4.4	13,732	0.1
Processed Meat.....	22,970	28,758	34,539	33,582	43,481	29.5	32,666	0.3
Dairy Products.....	4,933	531	3,504	283	820	189.8	2,014	0.0
Eggs.....	-	-	8	1,063	1,012	-4.8	417	0.0
Honey.....	10,995	12,832	14,929	20,499	33,139	61.7	18,479	0.2
Wheat Flour.....	5,213	6,389	8,720	8,627	9,042	4.8	7,598	0.1
Malt of Barley.....	179,954	174,599	225,601	237,560	241,187	1.5	211,780	2.2
Other Cereals Milled.....	41,654	47,434	51,096	61,590	58,939	-4.3	52,143	0.5
Cereals Preparations.....	32,230	33,022	37,191	48,868	50,164	2.7	40,295	0.4
Vegetable and Fruit Preparations.....	4,355	7,092	15,128	18,976	23,567	24.2	13,823	0.1
Fruit and Vegetable Juices.....	6,931	4,877	3,701	3	148	....	3,132	0.0
Processed Potatoes.....	203,319	208,343	278,965	328,795	336,700	2.4	271,224	2.8
Sugar and Sugar Preparations.....	34,105	17,826	10,710	17,698	16,212	-8.4	19,310	0.2
Foods and Food Materials.....	44,664	29,937	36,443	38,005	41,312	8.7	38,072	0.4
Oilseed Cake and Meal.....	225,526	229,939	279,168	253,319	236,276	-6.7	244,845	2.6
Alfalfa Meal and Pellets, Dehydrated.....	4,298	1,260	1,222	1,200	1,549	29.1	1,906	0.0
Feeds of Vegetable Origin.....	6,889	14,068	15,437	14,532	10,435	-28.2	12,272	0.1
Prepared Animal Feeds.....	142,673	212,619	242,852	316,938	273,481	-13.7	237,713	2.5
Whiskey.....	73,722	71,515	66,450	66,880	61,849	-7.5	68,083	0.7
Beer.....	-	15	32	30	126	326.7	41	0.0
Other Beverages (Wine, Mineral Water).....	3,996	7,620	9,934	16,845	15,382	-8.7	10,755	0.1
Tallow.....	124,614	104,330	100,471	88,499	128,226	44.9	109,228	1.1
Canola/Mustard Oil, Crude.....	630,030	444,606	184,893	324,222	558,366	72.2	428,423	4.5
Canola/Mustard Oil, Refined.....	184,452	167,092	145,448	113,384	114,888	1.3	145,053	1.5
Other Oils, Fats, Waxes and Extracts.....	81,713	72,304	82,322	78,260	92,987	18.8	81,517	0.9
Other Products.....	-	110	-	-	209	-	64	0.0
<b>Sub-Total.....</b>	<b>3,344,201</b>	<b>3,266,082</b>	<b>3,810,437</b>	<b>4,322,343</b>	<b>4,558,803</b>	<b>5.5</b>	<b>3,860,373</b>	<b>40.3</b>
<b>Total Agri-Food Exports.....</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>	<b>9,569,830</b>	<b>100.0</b>

(1) Refers to fresh, chilled, frozen meat, edible offal and includes processed meat.

(2) Includes poultry, sheep and bison meat.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 38: Alberta Agri-Food Exports by Product - Quantity, 2012-2016

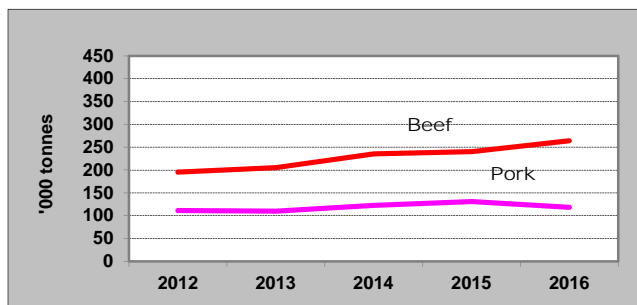
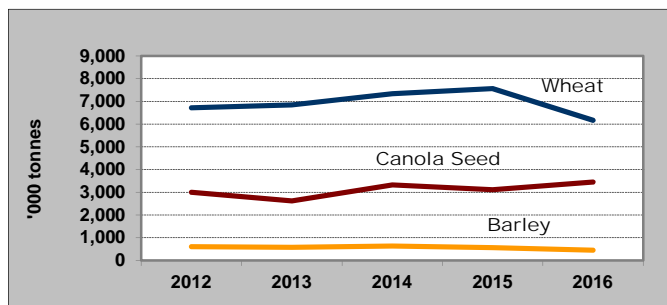
	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	<b>Head</b>					<b>%</b>	<b>Head</b>
<b>Live Cattle - Total</b> .....	<b>383,889</b>	<b>291,730</b>	<b>360,877</b>	<b>226,071</b>	<b>280,766</b>	<b>24.2</b>	<b>308,667</b>
Purebred Cattle.....	46	950	1,063	294	313	6.5	533
Other Cattle.....	383,843	290,780	359,814	225,777	280,453	24.2	308,133
<b>Live Hogs</b> .....	<b>599,942</b>	<b>571,400</b>	<b>614,794</b>	<b>643,722</b>	<b>714,727</b>	<b>11.0</b>	<b>628,917</b>
	<b>tonnes</b>					<b>%</b>	<b>tonnes</b>
<b>Meats (1) - Total</b> .....	<b>329,320</b>	<b>339,904</b>	<b>380,780</b>	<b>393,191</b>	<b>404,615</b>	<b>2.9</b>	<b>369,562</b>
Beef and Veal.....	195,631	205,184	235,525	240,469	263,968	9.8	228,155
Pork.....	111,556	109,930	122,244	131,035	118,355	-9.7	118,624
Horse Meat.....	8,811	8,312	8,652	6,919	6,072	-12.2	7,753
Other Meat (2).....	7,126	8,507	5,829	6,890	5,962	-13.5	6,863
Processed Meat.....	6,196	7,971	8,530	7,877	10,258	30.2	8,166
<b>Crops</b>							
Wheat.....	6,715,670	6,845,987	7,331,799	7,564,066	6,162,330	-18.5	6,923,970
Barley.....	601,395	572,566	625,826	565,012	441,605	-21.8	561,281
Oats.....	422,882	182,839	127,986	140,150	132,255	-5.6	201,222
Other Cereals Unmilled.....	43,897	66,293	13,359	43,711	19,697	-54.9	37,391
Hay and Fodder (incl. Alfalfa Cubes).....	354,701	310,781	279,894	247,266	243,711	-1.4	287,271
Potatoes, Seed and Other.....	26,239	29,927	40,417	36,118	60,551	67.6	38,650
Vegetables and Fruits.....	6,485	7,328	10,966	3,559	1,923	-46.0	6,052
Peas, Dried.....	392,257	219,720	173,652	119,716	179,057	49.6	216,880
Lentils.....	4,916	7,622	9,409	14,318	33,041	130.8	13,861
Other Dried Beans.....	46,377	37,467	41,998	53,366	54,677	2.5	46,777
Canola Seed.....	2,999,516	2,609,422	3,319,319	3,106,387	3,448,081	11.0	3,096,545
Mustard Seed.....	24,039	26,878	24,984	21,676	22,182	2.3	23,952
Linseed.....	33,702	48,057	43,233	73,051	55,215	-24.4	50,651
Other Oilseeds.....	32,209	2,143	2,752	1,928	2,617	35.8	8,330
<b>Manufacture Products</b>							
Dairy Produce.....	2,020	235	808	70	203	191.3	667
Honey.....	2,566	2,507	2,840	3,640	8,031	120.6	3,917
Wheat or Meslin Flour.....	8,176	9,761	11,225	10,109	9,880	-2.3	9,830
Malt Roasted or not Roasted.....	291,858	272,435	349,959	326,516	323,340	-1.0	312,822
Other Cereals Milled.....	80,215	92,438	83,500	94,719	87,276	-7.9	87,630
Cereals Prepared.....	9,111	8,734	10,196	13,225	12,923	-2.3	10,838
Processed Potatoes.....	179,105	176,736	227,131	224,867	233,322	3.8	208,232
Oilseed Cake and Meal.....	724,411	662,717	775,080	809,280	736,835	-9.0	741,665
Alfalfa Meal and Pellets, Dehydrated.....	14,163	3,211	2,813	2,224	2,621	17.9	5,006
Other Feeds of Vegetable Origin.....	38,752	58,227	58,364	48,009	38,786	-19.2	48,428
Prepared Animal Feeds.....	110,428	130,932	127,769	119,362	110,563	-7.4	119,811
Canola/Mustard Oil, Crude.....	510,524	367,146	186,330	366,743	587,580	60.2	403,665
Canola/Mustard Oil, Refined.....	134,178	121,544	124,022	93,603	93,420	-0.2	113,353
Tallow.....	126,103	117,415	111,278	117,130	149,309	27.5	124,247
Seeds for Sowing.....	17,390	17,937	14,714	15,144	17,985	18.8	16,634
Peat Moss.....	185,711	147,062	158,914	204,352	199,822	-2.2	179,172

(1) Refers to fresh, chilled and frozen meat, edible offal and includes processed meat.

(2) Includes, poultry, sheep and bison meat.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 21 Quantity of Selected Commodities/Products Exported from Alberta, 2012-2016



Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 39: Alberta Wheat Exports by Country - Value and Quantity, 2012-2016

Country Rank in 2016	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	Value (1)					%	\$'000
	\$'000						
1 Japan.....	219,647	203,503	187,833	159,764	189,343	18.5	192,018
2 United States.....	280,939	342,612	326,366	260,045	171,352	-34.1	276,263
3 Indonesia.....	133,542	173,557	147,630	200,008	145,794	-27.1	160,106
4 Bangladesh.....	68,164	100,886	100,881	129,511	115,256	-11.0	102,940
5 Colombia.....	88,921	83,341	116,914	99,349	113,816	14.6	100,468
6 Peru.....	63,879	89,498	124,498	146,099	107,690	-26.3	106,333
7 Mexico.....	123,133	125,456	103,724	93,414	83,498	-10.6	105,845
8 China.....	74,309	109,320	35,839	120,206	70,955	-41.0	82,126
9 Italy.....	52,093	47,993	87,727	87,988	68,514	-22.1	68,863
10 Nigeria.....	43,430	59,555	75,350	74,988	67,729	-9.7	64,211
11 Algeria.....	52,573	33,411	42,924	47,879	56,618	18.3	46,681
12 Venezuela.....	96,585	118,809	100,514	123,364	45,926	-62.8	97,040
13 Ghana.....	44,520	52,236	24,452	44,239	45,515	2.9	42,192
14 Ecuador.....	52,287	47,262	37,436	59,353	45,369	-23.6	48,341
15 Sri Lanka.....	120,205	48,687	67,247	76,886	41,020	-46.6	70,809
16 Morocco.....	39,028	42,356	39,786	31,057	40,880	31.6	38,621
17 United Kingdom.....	51,319	47,164	33,321	41,675	34,908	-16.2	41,678
18 United Arab Emirates.....	42,631	60,215	43,205	31,846	29,100	-8.6	41,399
19 Cuba.....	28,649	29,202	23,079	27,332	27,715	1.4	27,196
20 Korea, South.....	55,974	33,081	74,987	23,577	21,359	-9.4	41,796
21 Chile.....	17,029	18,029	47,223	44,578	20,891	-53.1	29,550
22 Malaysia.....	34,094	14,237	9,866	17,406	17,908	2.9	18,702
23 Belgium.....	15,105	11,717	23,280	10,469	17,780	69.8	15,670
24 South Africa.....	869	2,674	15,044	27,032	16,451	-39.1	12,414
25 Brazil.....	43	56,001	25,582	-	16,343	-	19,594
Top 25 Countries.....	1,798,965	1,950,802	1,914,707	1,978,061	1,611,731	-18.5	1,850,853
Other.....	477,146	356,201	424,771	445,126	207,051	-53.5	382,059
All Countries (Total Value).....	2,276,110	2,307,003	2,339,479	2,423,187	1,818,782	-24.9	2,232,912

Country Rank in 2016	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	Quantity (1)					%	tonnes
	tonnes						
1 Japan.....	640,510	595,730	594,474	509,941	643,074	26.1	596,746
2 United States.....	827,036	1,066,423	1,036,378	747,156	591,003	-20.9	853,599
3 Indonesia.....	394,981	516,764	480,378	638,658	522,373	-18.2	510,631
4 Bangladesh.....	204,549	294,682	327,835	421,151	403,840	-4.1	330,411
5 Colombia.....	265,503	249,885	373,194	338,502	402,218	18.8	325,860
6 Peru.....	185,998	265,031	392,466	489,478	380,540	-22.3	342,703
7 Mexico.....	368,665	378,496	334,361	319,317	297,642	-6.8	339,696
8 China.....	217,726	322,029	109,231	372,642	240,601	-35.4	252,446
9 Nigeria.....	129,813	176,362	240,917	234,436	227,698	-2.9	201,845
10 Italy.....	146,938	135,429	230,832	233,696	205,249	-12.2	190,429
11 Algeria.....	141,672	90,381	113,804	97,113	157,520	62.2	120,098
12 Sri Lanka.....	360,261	143,107	217,565	259,865	156,759	-39.7	227,511
13 Ecuador.....	154,828	139,654	118,927	198,350	155,819	-21.4	153,516
14 Ghana.....	132,558	155,178	78,984	138,609	153,596	10.8	131,785
15 Venezuela.....	281,652	345,701	310,607	343,368	148,577	-56.7	285,981
16 Morocco.....	104,459	114,536	100,401	71,516	112,325	57.1	100,647
17 United Kingdom.....	150,206	140,374	107,817	115,507	109,240	-5.4	124,629
18 United Arab Emirates.....	127,963	175,448	137,542	98,045	96,242	-1.8	127,048
19 Cuba.....	85,283	86,278	74,470	78,136	86,420	10.6	82,117
20 Chile.....	49,984	53,681	150,569	163,128	78,146	-52.1	99,102
21 Korea, South.....	167,112	98,097	233,060	67,007	73,184	9.2	127,692
22 Malaysia.....	102,467	42,976	31,821	56,829	62,630	10.2	59,345
23 Brazil.....	127	172,496	82,309	-	59,508	-	62,888
24 South Africa.....	2,688	8,408	46,548	93,564	56,657	-39.4	41,573
25 Belgium.....	40,978	32,115	61,574	26,346	48,946	85.8	41,992
Top 25 Countries.....	5,283,957	5,799,261	5,986,064	6,112,360	5,469,807	-10.5	5,730,290
Other.....	1,431,713	1,046,726	1,345,735	1,451,706	692,523	-52.3	1,193,681
All Countries (Total Quantity).....	6,715,670	6,845,987	7,331,799	7,564,066	6,162,330	-18.5	6,923,970

(1) Includes durum wheat.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

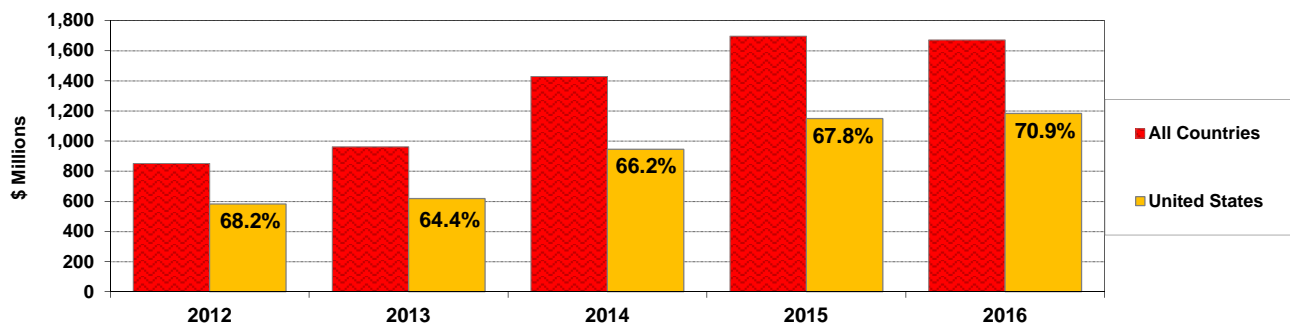
Table 40: Alberta Beef Exports by Country - Value, 2012-2016 (1)

Country Rank in 2016	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	\$'000					%	\$'000
1 United States.....	581,009	618,949	945,962	1,150,110	1,183,775	2.9	895,961
U.S. % of Total	68.2	64.4	66.2	67.8	70.9		67.8
2 Hong Kong.....	63,726	136,965	172,523	71,544	141,649	98.0	117,281
3 Japan.....	60,772	56,871	73,270	65,076	118,450	82.0	74,888
4 Mexico.....	103,598	84,221	136,318	142,594	97,883	-31.4	112,923
5 China.....	4,686	25,929	39,023	234,879	59,115	-74.8	
6 Korea, South.....	7,361	6,905	22,953	3,710	36,119	873.6	15,410
7 Philippines.....	2,425	2,121	3,137	6,369	6,165	-3.2	4,043
8 Taiwan.....	1,274	2,682	11,654	1,341	5,646	321.0	4,519
9 Chile.....	-	-	398	2,261	5,243	131.9	1,580
10 Egypt.....	2,341	2,145	2,400	2,133	3,482	63.3	2,500
11 Netherlands.....	950	1,065	4,649	3,548	2,638	-25.6	2,570
12 Cuba.....	1,318	4,041	1,052	3,654	1,805	-50.6	2,374
13 Vietnam.....	3,415	1,787	-	87	1,730	...	1,404
14 Switzerland.....	1,962	1,837	2,094	1,735	1,338	-22.9	1,793
15 Angola.....	190	481	2,666	2,471	929	-62.4	1,347
16 United Arab Emirates.....	362	845	422	683	841	23.1	631
17 Mozambique.....	-	75	178	86	606	600.5	189
18 Panama.....	-	7	-	233	545	133.7	157
19 France.....	941	264	946	869	496	-42.9	703
20 Bahrain.....	-	89	362	327	465	42.5	249
21 Ivory Coast.....	225	257	635	761	393	-48.3	454
22 Colombia.....	158	240	18	175	266	51.5	171
23 Peru.....	-	663	4,243	1,297	262	-79.8	1,293
24 Macao.....	-	6,791	903	-	221	-	
25 Gabon.....	119	65	233	122	167	36.5	141
26 South Africa.....	-	-	-	-	126	-	
27 Saudi Arabia.....	-	196	3	-	113	-	62
28 Guinea.....	65	223	228	-	59	-	
29 Israel.....	-	-	-	-	36	-	7
30 Saint Pierre and Miquelon.....	-	-	-	-	18	-	4
31 Barbados.....	-	-	3	48	16	-66.8	13
32 Liberia.....	-	-	-	-	13	-	3
Other Countries.....	15,255	5,987	2,663	376	-	-100.0	4,856
<b>All Countries (Total).....</b>	<b>852,153</b>	<b>961,703</b>	<b>1,428,935</b>	<b>1,696,488</b>	<b>1,670,608</b>	<b>-1.5</b>	<b>1,321,977</b>

(1) Refers to fresh, chilled and frozen meat and includes edible offal.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 22 Alberta Exports of Beef to All Countries and the United States, Value, 2012-2016



Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 41: Alberta Beef Exports by Country - Quantity, 2012-2016 (1)

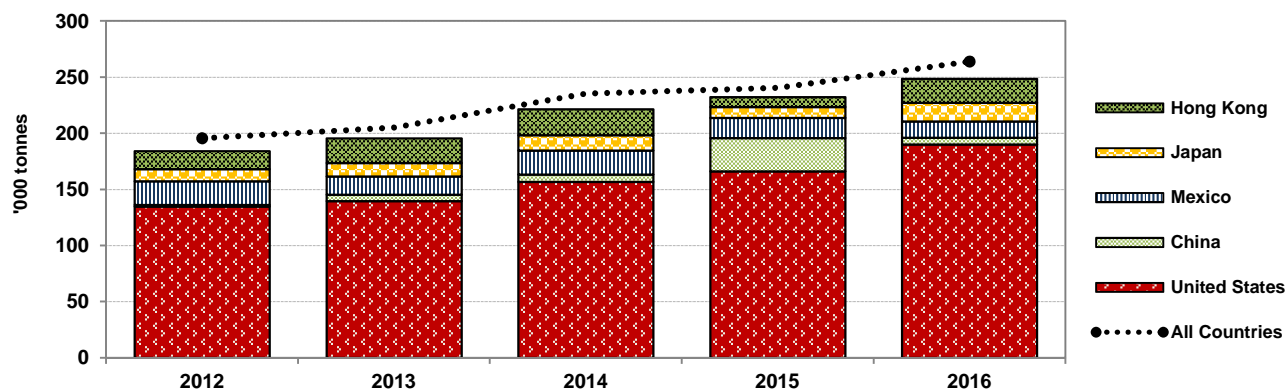
Country Rank in 2016						% Chg.	Average
	2012	2013	2014r	2015r	2016p	'16/'15	2012-2016
	tonnes					%	tonnes
1 United States.....	134,803	139,696	156,855	166,074	190,152	14.5	157,516
U.S. % of Total	71.5	68.9	68.1	66.6	72.0		69.0
2 Hong Kong.....	16,158	21,899	22,884	8,789	21,430	143.8	18,232
3 Japan.....	10,810	11,948	13,785	9,799	16,681	70.2	12,605
4 Mexico.....	21,035	16,244	21,315	17,836	14,490	-18.8	18,184
5 China.....	1,360	5,652	6,492	29,749	5,885	-80.2	9,828
6 Korea, South.....	1,748	1,016	2,906	463	5,820	...	2,391
7 Egypt.....	1,714	2,014	1,676	945	2,612	176.5	1,792
8 Philippines.....	745	490	467	940	1,097	16.7	748
9 Angola.....	114	550	2,373	2,104	970	-53.9	1,222
10 Taiwan.....	346	503	1,607	130	888	581.8	695
11 Chile.....	-	-	96	315	806	155.6	243
12 Mozambique.....	-	97	149	76	650	750.0	195
13 Ivory Coast.....	230	300	627	691	429	-38.0	455
14 Bahrain.....	-	70	248	225	350	55.2	179
15 Colombia.....	120	207	25	101	275	173.1	145
16 Vietnam.....	616	330	-	22	231	941.9	240
17 Cuba.....	138	690	204	435	188	-56.8	331
18 Gabon.....	14	123	157	152	175	15.5	124
19 Peru.....	-	595	2,125	800	165	-79.4	737
20 Netherlands.....	86	109	336	264	137	-48.1	186
21 Switzerland.....	175	185	205	179	122	-32.1	173
22 Panama.....	-	0	-	38	80	109.4	24
23 United Arab Emirates.....	32	110	36	56	75	33.6	62
24 Guinea.....	30	219	222	-	73	-	109
25 France.....	91	24	104	100	65	-35.2	77
26 Liberia.....	-	-	-	-	25	-	5
27 Saudi Arabia.....	-	22	0	-	24	-	9
28 Macao.....	-	1,286	95	-	23	-	281
29 South Africa.....	-	-	-	-	23	-	5
30 Israel.....	-	-	-	-	18	-	4
31 Barbados.....	-	-	0	21	8	-61.6	6
32 Saint Pierre and Miquelon.....	-	-	-	-	1	-	0
Other Countries.....	5,268	804	535	166	-	-100.0	1,354
<b>All Countries (Total).....</b>	<b>195,631</b>	<b>205,184</b>	<b>235,525</b>	<b>240,469</b>	<b>263,968</b>	<b>9.8</b>	<b>228,155</b>

(1) Refers to fresh, chilled and frozen meat and includes edible offal.

0 - (zero) refers to value less than \$500.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 23 Alberta Exports of Beef to Top Five Countries, Quantity, 2012-2016



Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 42: Alberta Agri-Food Exports by Country - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016	
	\$'000					%	\$'000	%
<b>Top Five Markets in 2016</b>								
1 United States.....	2,967,055	3,049,960	3,945,473	3,998,281	4,045,860	1.2	3,601,326	37.6
2 China.....	1,646,416	1,517,298	1,328,928	1,587,700	1,375,309	-13.4	1,491,130	15.6
3 Japan.....	1,345,995	1,288,407	1,197,409	1,100,971	1,225,639	11.3	1,231,684	12.9
4 Mexico.....	632,455	536,302	537,275	572,487	539,546	-5.8	563,613	5.9
5 Korea, South.....	174,005	114,134	227,718	232,542	236,825	1.8	197,045	2.1
<b>Top Five Markets % of Total</b>	<b>6,765,926 73.5</b>	<b>6,506,102 74.7</b>	<b>7,236,803 74.2</b>	<b>7,491,981 73.6</b>	<b>7,423,179 74.3</b>	<b>-0.9</b>	<b>7,084,798</b>	<b>74.0</b>
6 Pakistan.....	45,307	83	62,971	124,064	231,817	86.9	92,848	1.0
7 Hong Kong.....	82,702	152,846	191,738	108,000	174,258	61.4	141,909	1.5
8 United Arab Emirates.....	172,636	88,266	103,946	132,658	153,613	15.8	130,224	1.4
9 Indonesia.....	168,884	220,091	190,174	213,562	152,696	-28.5	189,081	2.0
10 Bangladesh.....	107,549	103,722	110,053	156,930	142,223	-9.4	124,095	1.3
11 Colombia.....	109,438	97,860	130,544	106,307	128,391	20.8	114,508	1.2
12 Peru.....	69,637	90,890	131,313	149,975	111,844	-25.4	110,732	1.2
13 France.....	35,057	23,403	31,194	58,095	106,278	82.9	50,805	0.5
14 India.....	58,271	38,545	17,717	30,924	82,133	165.6	45,518	0.5
15 Italy.....	58,009	53,574	94,197	95,577	78,501	-17.9	75,972	0.8
16 Nigeria.....	43,430	59,594	75,393	75,031	67,812	-9.6	64,252	0.7
17 Singapore.....	21,049	38,525	36,901	26,735	66,267	147.9	37,896	0.4
18 Algeria.....	53,455	34,683	43,538	50,681	57,265	13.0	47,925	0.5
19 Sri Lanka.....	120,363	49,129	67,247	76,934	53,369	-30.6	73,408	0.8
20 Philippines.....	34,413	51,548	30,328	128,468	52,833	-58.9	59,518	0.6
21 Ecuador.....	63,002	51,711	39,472	59,741	46,339	-22.4	52,053	0.5
22 Venezuela.....	109,932	128,610	105,042	126,128	46,072	-63.5	103,157	1.1
23 Ghana.....	44,576	52,427	24,653	44,337	45,549	2.7	42,309	0.4
24 United Kingdom.....	57,019	52,831	38,556	49,578	43,985	-11.3	48,394	0.5
25 Morocco.....	39,228	44,502	40,180	31,624	42,031	32.9	39,513	0.4
26 Belgium.....	22,943	23,827	37,803	29,321	41,960	43.1	31,171	0.3
27 Germany.....	11,858	15,668	18,382	33,507	33,365	-0.4	22,556	0.2
28 Taiwan.....	35,654	33,327	42,245	40,422	31,136	-23.0	36,557	0.4
29 Malaysia.....	66,442	16,619	12,103	36,781	30,495	-17.1	32,488	0.3
30 Cuba.....	35,680	33,243	24,269	31,382	29,934	-4.6	30,901	0.3
31 Chile.....	32,065	20,020	75,263	57,298	28,439	-50.4	42,617	0.4
32 Netherlands.....	35,060	15,446	25,506	23,499	26,693	13.6	25,241	0.3
33 Guatemala.....	7,364	15,085	9,962	16,256	23,719	45.9	14,477	0.2
34 South Africa.....	25,753	12,856	17,288	31,337	21,254	-32.2	21,697	0.2
35 Brazil.....	3,359	60,319	30,034	4,095	21,010	413.0	23,763	0.2
36 Turkey.....	8,259	10,485	10,483	25,448	20,561	-19.2	15,047	0.2
37 Russian Federation.....	49,675	24,370	72,248	13,803	18,172	31.6	35,654	0.4
38 Thailand.....	28,757	19,857	15,100	37,670	17,885	-52.5	23,854	0.2
39 Spain.....	11,826	21,470	17,084	29,421	16,017	-45.6	19,164	0.2
40 Australia.....	32,210	27,108	21,201	26,132	15,913	-39.1	24,513	0.3
41 Switzerland.....	14,460	16,772	17,856	18,346	15,495	-15.5	16,586	0.2
42 Cameroon.....	10,751	11,568	15,619	18,756	15,208	-18.9	14,380	0.2
43 New Zealand.....	9,061	10,994	12,025	12,991	13,149	1.2	11,644	0.1
44 Kenya.....	4,270	12,089	11,671	8,505	13,069	53.7	9,921	0.1
45 Vietnam.....	23,475	32,674	11,548	38,773	12,354	-68.1	23,765	0.2
46 Sudan.....	44,805	54,547	76,446	27,241	12,126	-55.5	43,033	0.4
47 Saudi Arabia.....	85,805	24,721	88,054	45,984	12,003	-73.9	51,313	0.5
48 Portugal.....	14,636	2,871	8,127	16,083	11,524	-28.3	10,648	0.1
49 Sweden.....	2,511	5,144	6,976	10,027	11,387	13.6	7,209	0.1
50 Mozambique.....	6,232	13,609	23,940	11,499	11,343	-1.4	13,325	0.1
Other Countries.....	327,148	238,013	250,865	199,853	181,077	-9.4	239,391	2.5
<b>All Countries (Total).....</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>	<b>9,569,830</b>	<b>100.0</b>

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section



Table 43: Alberta Agri-Food Exports to The United States - Value,  
2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15
	\$'000					%
<b>Animals and Crops</b>						
Live Cattle, Purebred.....	91	28	971	273	183	-33.0
Live Cattle, Other.....	588,306	476,798	714,411	584,043	622,078	6.5
Live Hogs.....	38,943	45,157	61,839	53,094	54,098	1.9
Other Live Animals.....	16,365	16,249	27,755	36,442	37,281	2.3
Barley.....	63,530	59,222	66,641	67,668	37,180	-45.1
Wheat.....	280,939	342,612	326,366	260,045	171,352	-34.1
Oats.....	101,886	51,259	40,098	41,030	31,204	-23.9
Other Cereals, Unmilled.....	19,758	10,695	6,392	5,337	5,775	8.2
Hay and Fodder (incl. Alfalfa Cubes).....	31,552	34,490	27,843	23,001	17,850	-22.4
Peas, Dried.....	2,064	7,504	25,588	5,624	10,401	84.9
Lentils.....	427	1,127	398	1,535	214	-86.0
Other Dried Beans.....	31,793	24,925	26,388	28,598	36,633	28.1
Potatoes, Seed and Other.....	10,327	10,952	20,856	26,308	52,413	99.2
Fruits and Vegetables.....	9,999	12,348	10,764	6,321	3,361	-46.8
Canola Seed.....	92,954	109,286	169,344	96,762	95,392	-1.4
Mustard Seed.....	11,461	11,400	13,499	12,367	13,786	11.5
Linseed.....	9,699	10,522	8,079	12,116	6,625	-45.3
Other Oilseeds/Oilnuts/Kernels.....	1,535	933	494	387	84	-78.2
<b>Sub-Total.....</b>	<b>1,311,630</b>	<b>1,225,506</b>	<b>1,547,728</b>	<b>1,260,951</b>	<b>1,195,910</b>	<b>-5.2</b>
<b>Crude Animal and Plant Products</b>						
Raw Hides and Skins (incl. Fur Skins).....	6,991	8,679	9,280	5,007	4,290	-14.3
Bovine Semen.....	12,848	16,660	24,094	19,019	31,259	64.4
Other Crude Animal Products.....	12,075	16,619	28,282	24,854	16,644	-33.0
Seeds for Sowing.....	29,738	37,961	36,561	45,798	52,378	14.4
Nursery Stock.....	357	367	189	260	328	26.0
Peat Moss.....	47,190	47,828	54,228	79,805	84,970	6.5
Other Crude Vegetable Products.....	3,148	3,705	6,196	5,487	6,781	23.6
<b>Sub-Total.....</b>	<b>112,347</b>	<b>131,820</b>	<b>158,830</b>	<b>180,231</b>	<b>196,649</b>	<b>9.1</b>
<b>Products and By-Products of Manufacture</b>						
<b>Meats (1) - Total.....</b>	<b>644,813</b>	<b>712,952</b>	<b>1,083,182</b>	<b>1,306,195</b>	<b>1,341,948</b>	<b>2.7</b>
Beef and Veal.....	581,009	618,949	945,962	1,150,110	1,183,775	2.9
Pork.....	57,853	84,986	126,525	138,936	137,098	-1.3
Other Meat (2).....	1,739	2,974	3,378	6,854	8,224	20.0
Processed Meat.....	4,212	6,043	7,317	10,295	12,850	24.8
Dairy Products.....	241	-	-	76	168	121.9
Eggs.....	-	-	8	1,063	1,012	-4.8
Honey.....	6,004	6,565	4,873	9,649	22,888	137.2
Wheat or Meslin Flour.....	4,529	5,053	5,677	7,244	7,204	-0.6
Malt Roasted or not Roasted.....	48,701	71,192	116,504	108,178	104,084	-3.8
Other Cereals, Milled.....	30,050	35,494	42,516	48,327	44,950	-7.0
Cereal Preparations.....	31,523	32,264	36,303	47,367	49,017	3.5
Fruit and Vegetable Preparations.....	4,331	7,053	15,040	18,955	23,514	24.1
Fruit and Vegetable Juices.....	2,520	280	148	-	-	-
Processed Potatoes.....	159,307	183,589	204,680	239,367	242,762	1.4
Sugar and Sugar Preparations.....	21,338	9,365	10,700	14,737	7,719	-47.6
Food and Food Materials.....	36,221	25,473	30,926	33,505	35,578	6.2
Oilseed Cake and Meal.....	163,537	217,475	274,074	248,659	234,381	-5.7
Alfalfa Meal and Pellets, Dehydrated.....	862	1,260	1,222	1,200	1,549	29.1
Feeds of Vegetable Origin.....	5,464	7,226	6,434	6,208	1,706	-72.5
Prepared Animal Feeds.....	61,967	90,283	113,196	176,492	100,158	-43.3
Whiskey.....	40,737	43,733	45,425	49,831	46,395	-6.9
Beer.....	-	15	32	30	126	326.7
Other Beverages (excl. Juices).....	3,705	6,967	8,432	9,524	7,659	-19.6
Tallow.....	49,613	38,835	44,144	41,026	60,469	47.4
Canola/Mustard Oil- Crude.....	2,971	1,276	21,198	44,430	175,842	295.8
Canola/Mustard Oil- Refined.....	171,135	154,045	130,614	101,427	96,848	-4.5
Other Oils, Fats and Waxes.....	53,511	42,225	43,585	43,612	47,118	8.0
Other Products.....	-	14	-	-	209	-
<b>Sub-Total.....</b>	<b>1,543,078</b>	<b>1,692,634</b>	<b>2,238,915</b>	<b>2,557,099</b>	<b>2,653,302</b>	<b>3.8</b>
<b>Total Exports to The United States.....</b>	<b>2,967,055</b>	<b>3,049,960</b>	<b>3,945,473</b>	<b>3,998,281</b>	<b>4,045,860</b>	<b>1.2</b>

(1) Refers to fresh, chilled, frozen meat, edible offal and includes processed meat.

(2) Includes: poultry, sheep and bison meat and horse meat in 2016.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 44: Alberta Agri-Food Exports to Japan - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15
	\$'000					%
<b>Animals and Crops</b>						
Live Horses, Asses, Mules and Hinnies.....	7,081	9,671	13,515	15,917	15,649	-1.7
Barley.....	49,156	40,830	34,081	12,990	8,205	-36.8
Wheat.....	219,647	203,503	187,833	159,764	189,343	18.5
Oats.....	3,085	1,698	762	966	933	-3.4
Other Cereals, Unmilled.....	636	14,561	37	252	837	232.5
Hay and Fodder (incl. Alfalfa Cubes).....	67,417	58,276	57,927	55,851	45,169	-19.1
Peas, Dried.....	642	935	937	1,788	1,105	-38.2
Lentils.....	116	-	-	-	-	-
Other Dried Beans.....	-	45	230	163	95	-42.1
Fruits and Vegetables.....	-	95	-	-	94	-
Canola Seed.....	537,188	544,378	420,946	356,808	403,039	13.0
Mustard Seed.....	3,304	3,943	3,483	3,224	3,495	8.4
Linseed.....	237	396	204	181	215	18.9
Other Oilseeds.....	59	-	45	18	49	176.4
<b>Sub-Total.....</b>	<b>888,568</b>	<b>878,333</b>	<b>719,999</b>	<b>607,921</b>	<b>668,226</b>	<b>9.9</b>
<b>Crude Animal and Plant Products</b>						
Raw Hides and Skins.....	2,805	1,761	2,393	2,207	912	-58.7
Fur Skins Undressed.....	0	-	-	-	-	-
Bovine Semen.....	1,400	1,412	1,256	2,484	1,639	-34.0
Other Crude Animal Products.....	6	23	163	123	45	-63.2
Seeds for Sowing.....	459	271	559	782	253	-67.7
Peat Moss.....	405	139	132	174	215	23.7
Other Crude Vegetable Products.....	-	5	4	-	13	-
<b>Sub-Total.....</b>	<b>5,076</b>	<b>3,612</b>	<b>4,508</b>	<b>5,769</b>	<b>3,076</b>	<b>-46.7</b>
<b>Products and By-Products of Manufacture</b>						
<b>Meats (1) - Total.....</b>	<b>274,508</b>	<b>250,505</b>	<b>309,540</b>	<b>311,667</b>	<b>387,568</b>	<b>24.4</b>
Beef and Veal.....	60,772	56,871	73,270	65,076	118,450	82.0
Pork.....	178,542	153,310	189,024	198,976	212,978	7.0
Horsemeat.....	17,058	17,919	20,350	24,556	26,868	9.4
Other Meat (2).....	38	30	419	70	-	-100.0
Processed Meat.....	18,097	22,375	26,477	22,988	29,273	27.3
Dairy Products.....	998	-	-	-	-	-
Honey.....	4,464	5,771	9,832	10,236	9,872	-3.6
Malt Roasted or not Roasted.....	67,201	70,383	68,358	80,613	82,325	2.1
Other Cereals, Milled.....	747	2,728	650	1,178	1,643	39.4
Cereals, Prepared.....	-	43	149	646	628	-2.8
Processed Potatoes.....	17,753	5,331	21,783	32,439	21,600	-33.4
Sugar and Sugar Preparations.....	27	4	-	2	6	246.3
Food and Food Materials.....	2,951	2,761	2,790	2,627	3,131	19.2
Oilseed Cake and Meal.....	62	687	91	149	189	26.7
Alfalfa Meal and Pellets, Dehydrated.....	3,437	-	-	-	-	-
Feeds of Vegetable Origin.....	522	2,123	2,728	1,942	2,082	7.2
Prepared Animal Feeds.....	1,743	2,336	3,766	6,279	9,464	50.7
Whiskey.....	13,950	10,078	5,950	2,610	668	-74.4
Other Beverages (excl. Juices).....	-	468	1,038	569	991	74.3
Tallow.....	48,182	38,591	36,091	25,123	20,126	-19.9
Canola/Mustard Oil, Crude.....	4,148	3,070	-	898	-	-100.0
Canola/Mustard Oil, Refined.....	5,124	4,844	4,032	3,300	5,010	51.8
Other Oils, Fats and Waxes.....	6,536	6,738	6,101	7,005	9,036	29.0
<b>Sub-Total.....</b>	<b>452,352</b>	<b>406,462</b>	<b>472,901</b>	<b>487,281</b>	<b>554,336</b>	<b>13.8</b>
<b>Total Exports to Japan.....</b>	<b>1,345,995</b>	<b>1,288,407</b>	<b>1,197,409</b>	<b>1,100,971</b>	<b>1,225,639</b>	<b>11.3</b>

0 - (zero) refers to value less than \$500.

(1) Refers to fresh, chilled, frozen meat, edible offal and includes processed meat.

(2) Includes poultry, sheep, and other meat.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 45: Alberta Agri-Food Exports to Mexico - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15
	\$'000					%
<b>Animals and Crops</b>						
Purebred Live Cattle.....	-	-	878	341	149	-56.3
Live Cattle (incl. Purebred).....	-	-	336	1,069	452	-57.7
Other Live Animals (Sheep and Goats).....	1	10	-	0	-	-100.0
Barley.....	8,535	374	335	-	173	-
Wheat.....	123,133	125,456	103,724	93,414	83,498	-10.6
Oats.....	2,173	286	18	814	2,380	192.3
Other Cereals, Unmilled.....	-	-	-	-	-	-
Peas, Dried.....	-	36	38	-	-	-
Lentils.....	93	-	-	-	-	-
Other Dried Beans.....	1,526	1,994	-	-	-	-
Potatoes, Seed and Other.....	1,302	926	595	-	-	-
Canola Seed.....	345,461	279,748	247,767	251,830	247,982	-1.5
Linseed.....	235	380	217	249	168	-32.3
<b>Sub-Total.....</b>	<b>482,458</b>	<b>409,211</b>	<b>353,908</b>	<b>347,716</b>	<b>334,801</b>	<b>-3.7</b>
<b>Crude Animal and Plant Products</b>						
Raw Hides and Skins.....	2	2	0	0	69	...
Fur Skins Undressed.....	1	1	-	-	-	-
Bovine Semen.....	66	88	386	1,080	1,072	-0.7
Other Crude Animal Products.....	8,805	8,819	10,980	14,927	17,014	14.0
Other Crude Vegetable Products.....	-	-	3	3	-	-100.0
<b>Sub-Total.....</b>	<b>8,874</b>	<b>8,909</b>	<b>11,369</b>	<b>16,010</b>	<b>18,155</b>	<b>13.4</b>
<b>Products and By-Products of Manufacture</b>						
<b>Meats (1) - Total.....</b>	<b>108,436</b>	<b>94,606</b>	<b>145,604</b>	<b>152,527</b>	<b>113,857</b>	<b>-25.4</b>
Beef and Veal.....	103,598	84,221	136,318	142,594	97,883	-31.4
Pork.....	4,210	10,385	9,157	9,863	15,938	61.6
Other Meat (2).....	77	-	98	70	-	-100.0
Processed Meat.....	551	-	29	-	36	-
Dairy Products.....	625	-	-	-	-	-
Malt Roasted or not Roasted.....	-	-	7,356	21,001	42,633	103.0
Cereals, Milled.....	5,456	2,455	4,929	11,453	10,285	-10.2
Fruit and Vegetable Preparations.....	-	-	-	-	-	-
Fruit and Vegetable Juices.....	4,399	4,597	3,531	-	-	-
Processed Potatoes.....	8,872	5,387	3,440	3,590	4,004	11.5
Sugar and Sugar Preparations.....	12,706	8,400	-	2,900	8,197	182.7
Food and Food Materials.....	-	-	432	-	0	-
Oilseed Cake and Meal.....	66	-	-	-	-	-
Prepared Animal Feeds.....	-	-	-	-	-	-
Whiskey.....	53	105	129	312	153	-50.8
Beverages (excl. Beer and Fruit Juices).....	-	-	298	6,214	6,418	3.3
Tallow.....	-	-	4,420	9,142	-	-100.0
Other Oils, Fats and Waxes.....	511	2,632	1,861	1,622	1,041	-35.8
<b>Sub-Total.....</b>	<b>141,123</b>	<b>118,181</b>	<b>171,998</b>	<b>208,761</b>	<b>186,590</b>	<b>-10.6</b>
<b>Total Exports to Mexico.....</b>	<b>632,455</b>	<b>536,302</b>	<b>537,275</b>	<b>572,487</b>	<b>539,546</b>	<b>-5.8</b>

0 - (zero) refers to value less than \$500.

(1) Refers to fresh, chilled, frozen meat, edible offal and includes processed meat.

(2) Includes poultry, sheep, and other meat.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 46: Alberta Agri-Food Exports to China - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15
	\$'000					%
<b>Animals and Crops</b>						
Live Cattle, Purebred.....	-	-	-	-	-	-
Live Hogs.....	300	-	-	-	-	-
Other Live Animals.....	-	-	-	0	-	-
Barley.....	40,029	51,946	76,800	114,101	89,642	-21.4
Wheat.....	74,309	109,320	35,839	120,206	70,955	-41.0
Oats.....	6	8	12	290	329	13.2
Other Cereals, Unmilled.....	-	-	-	-	34	-
Hay and Fodder (incl. Alfalfa Cubes).....	299	1,606	4,515	6,973	16,683	139.2
Peas, Dried.....	75,567	34,391	11,825	6,459	7,378	14.2
Lentils.....	14	41	405	207	313	51.5
Other Dried Beans.....	45	-	-	-	-	-
Vegetables and Fruits.....	160	-	921	-	-	-
Canola Seed.....	673,134	663,645	782,652	689,815	624,514	-9.5
Mustard Seeds.....	29	48	33	43	47	8.9
Linseed.....	8,283	12,494	11,316	25,562	19,259	-24.7
<b>Sub-Total.....</b>	<b>872,174</b>	<b>873,499</b>	<b>924,319</b>	<b>963,656</b>	<b>829,153</b>	<b>-14.0</b>
<b>Crude Animal and Plant Products</b>						
Raw Hides and Skins.....	132,231	170,577	201,606	137,770	165,262	20.0
Fur Skins Undressed.....	-	-	7	-	-	-
Bovine Semen.....	2,914	2,687	5,905	4,207	1,489	-64.6
Other Crude Animal Products.....	1,860	1,221	1,574	2,874	2,676	-6.9
Seeds for Sowing.....	728	653	487	244	951	290.0
Nursery Stock.....	15	-	-	-	-	-
Peat Moss.....	27	-	-	15	-	-100.0
Other Crude Vegetable Products.....	3	42	511	110	277	151.0
<b>Sub-Total.....</b>	<b>137,777</b>	<b>175,180</b>	<b>210,090</b>	<b>145,220</b>	<b>170,655</b>	<b>17.5</b>
<b>Products and By-Products of Manufacture</b>						
<b>Meats (1) - Total.....</b>	<b>8,411</b>	<b>26,669</b>	<b>39,990</b>	<b>257,360</b>	<b>76,415</b>	<b>-70.3</b>
Beef and Veal.....	4,686	25,929	39,023	234,879	59,115	-74.8
Pork.....	3,726	740	967	22,456	17,263	-23.1
Horse Meat.....	-	-	-	-	37	-
Processed Meat.....	-	-	-	26	-	-100.0
Dairy Produce.....	257	400	224	385	201	-47.9
Honey.....	-	18	60	-	447	-
Wheat or Meslin Flour.....	-	13	-	-	-	-
Malt Roasted or not Roasted.....	10	172	189	-	-	-
Cereals, Milled.....	-	-	-	-	6	-
Cereals, Prepared.....	-	-	-	-	146	-
Processed Potatoes.....	4,211	6,793	27,195	19,633	19,921	1.5
Sugar and Sugar Preparations.....	-	-	7	-	-	-
Food and Food Materials.....	33	137	338	409	457	11.9
Oilseed Cake and Meal.....	56,415	-	-	4	-	-100.0
Prepared Animal Feeds.....	-	196	188	98	3,347	...
Whiskey.....	32	-	-	83	182	119.2
Other Beverages (Mineral Water and Grape Wine).....	146	137	2	20	184	823.0
Tallow.....	-	-	-	-	191	-
Canola/Mustard Oil- Crude.....	565,043	432,438	124,511	197,714	266,704	34.9
Canola/Mustard Oil- Refined.....	1,880	1,646	1,800	3,024	6,645	119.7
Other Oils, Fats and Waxes.....	26	-	17	94	653	593.6
<b>Sub-Total.....</b>	<b>636,465</b>	<b>468,618</b>	<b>194,519</b>	<b>478,824</b>	<b>375,500</b>	<b>-21.6</b>
<b>Total Exports to China.....</b>	<b>1,646,416</b>	<b>1,517,298</b>	<b>1,328,928</b>	<b>1,587,700</b>	<b>1,375,309</b>	<b>-13.4</b>

0 - (zero) refers to value less than \$500.

(1) Refers to fresh, chilled, frozen meat, edible offal and includes processed meat.

(2) Includes poultry, sheep, and other meat.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

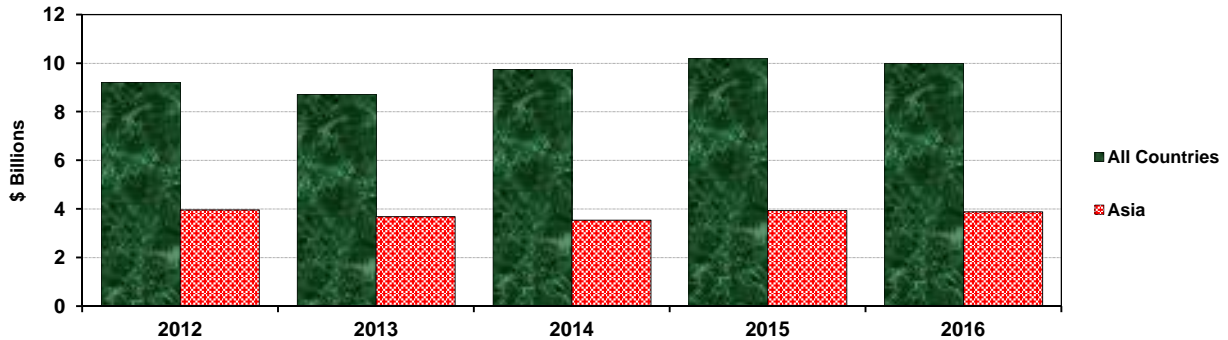
Table 47: Alberta Agri-Food Exports to Asia - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	\$'000					%	\$'000
<b>Top Five Markets in 2016</b>							
1 China.....	1,646,416	1,517,298	1,328,928	1,587,700	1,375,309	-13.4	1,491,130
2 Japan.....	1,345,995	1,288,407	1,197,409	1,100,971	1,225,639	11.3	1,231,684
3 Korea, South.....	174,005	114,134	227,718	232,542	236,825	1.8	197,045
4 Pakistan.....	45,307	83	62,971	124,064	231,817	86.9	92,848
5 Hong Kong.....	82,702	152,846	191,738	108,000	174,258	61.4	141,909
<b>Top Five Markets</b>	<b>3,294,425</b>	<b>3,072,768</b>	<b>3,008,764</b>	<b>3,153,278</b>	<b>3,243,848</b>	<b>2.9</b>	<b>3,154,617</b>
<b>Remaining Markets</b>							
6 Indonesia.....	168,884	220,091	190,174	213,562	152,696	-28.5	189,081
7 Bangladesh.....	107,549	103,722	110,053	156,930	142,223	-9.4	124,095
8 India.....	58,271	38,545	17,717	30,924	82,133	165.6	45,518
9 Singapore.....	21,049	38,525	36,901	26,735	66,267	147.9	37,896
10 Sri Lanka.....	120,363	49,129	67,247	76,934	53,369	-30.6	73,408
11 Philippines.....	34,413	51,548	30,328	128,468	52,833	-58.9	59,518
12 Taiwan.....	35,654	33,327	42,245	40,422	31,136	-23.0	36,557
13 Malaysia.....	66,442	16,619	12,103	36,781	30,495	-17.1	32,488
14 Thailand.....	28,757	19,857	15,100	37,670	17,885	-52.5	23,854
15 Vietnam.....	23,475	32,674	11,548	38,773	12,354	-68.1	23,765
16 Myanmar (Burma).....	-	576	508	504	750	48.8	468
17 Macao.....	13	6,819	1,019	-	416	-	1,653
18 Nepal.....	-	53	138	44	385	775.6	124
19 Brunei Darussalam.....	-	63	-	35	-	-100.0	20
20 Mongolia.....	68	10	18	1	-	-100.0	19
21 Afghanistan.....	111	0	0	-	-	-	22
22 Korea, North.....	-	-	-	-	-	-	-
23 Timor-Leste.....	-	-	15	-	-	-	-
<b>Remaining Markets</b>	<b>665,049</b>	<b>611,558</b>	<b>535,115</b>	<b>787,784</b>	<b>642,941</b>	<b>-18.4</b>	<b>648,489</b>
<b>Exports to Asia.....</b>	<b>3,959,474</b>	<b>3,684,326</b>	<b>3,543,878</b>	<b>3,941,062</b>	<b>3,886,789</b>	<b>-1.4</b>	<b>3,803,106</b>
<b>Exports to All Countries.....</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>	<b>9,569,830</b>
<b>Asia % of Total Exports.....</b>	<b>43.0</b>	<b>42.3</b>	<b>36.3</b>	<b>38.7</b>	<b>38.9</b>		<b>39.7</b>

0 - (zero) refers to value less than \$500.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 24 Alberta Agri-Food Exports to All Countries and to Asia, 2012-2016



Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 48: Alberta Agri-Food Exports to European Union (EU 28) by Country and Product - Value, 2012-2016

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	\$'000					%	\$'000
<b>Total Alberta Agri-Food Exports</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>	<b>9,569,830</b>
<b>Agri-Food Exports to EU (28)</b>							
1 France.....	35,057	23,403	31,194	58,095	106,278	82.9	50,805
2 Italy.....	58,009	53,574	94,197	95,577	78,501	-17.9	75,972
3 United Kingdom.....	57,019	52,831	38,556	49,578	43,985	-11.3	48,394
4 Belgium.....	22,943	23,827	37,803	29,321	41,960	43.1	31,171
5 Germany.....	11,858	15,668	18,382	33,507	33,365	-0.4	22,556
6 Netherlands.....	35,060	15,446	25,506	23,499	26,693	13.6	25,241
7 Spain.....	11,826	21,470	17,084	29,421	16,017	-45.6	19,164
8 Portugal.....	14,636	2,871	8,127	16,083	11,524	-28.3	10,648
9 Sweden.....	2,511	5,144	6,976	10,027	11,387	13.6	7,209
10 Poland.....	4,046	6,173	5,663	8,201	11,328	38.1	7,082
11 Greece.....	7,629	6,097	7,241	7,178	5,406	-24.7	6,710
12 Czech Republic.....	5,049	4,455	4,146	7,312	4,956	-32.2	5,184
13 Finland.....	2,880	3,472	4,277	5,416	3,516	-35.1	3,912
14 Denmark.....	2,090	2,461	1,683	2,023	2,748	35.9	2,201
15 Hungary.....	2,381	2,090	1,711	1,866	1,830	-1.9	1,975
16 Romania.....	-	718	971	1,122	1,616	44.0	885
17 Lithuania.....	1,087	766	865	937	1,116	19.0	954
18 Latvia.....	596	374	279	574	756	31.8	516
19 Cyprus.....	292	807	1,028	423	525	24.2	615
20 Slovakia.....	-	-	12	-	515	-	106
21 Bulgaria.....	95	209	233	317	348	9.8	240
22 Croatia.....	166	207	371	511	280	-45.2	307
23 Ireland, Republic of (EIRE).....	4,302	1,087	611	478	228	-52.4	1,341
24 Malta.....	-	388	92	176	184	4.8	168
25 Austria.....	3	100	0	17	75	341.5	39
26 Luxembourg.....	16	20	103	47	72	54.3	52
27 Estonia.....	-	16	13	4	11	215.6	9
28 Slovenia.....	158	77	-	-	-	-	47
<b>Exports to EU (28)</b>	<b>279,708</b>	<b>243,750</b>	<b>307,124</b>	<b>381,707</b>	<b>405,220</b>	<b>6.2</b>	<b>323,502</b>
<b>EU % of Alberta Total</b>	<b>3.0</b>	<b>2.8</b>	<b>3.1</b>	<b>3.7</b>	<b>4.1</b>		<b>3.4</b>

	2012	2013	2014r	2015r	2016p	% Chg. '16/'15	Average 2012-2016
	\$'000					%	\$'000
<b>Agri-Food Exports to EU (28)</b>	<b>279,708</b>	<b>243,750</b>	<b>307,124</b>	<b>381,707</b>	<b>405,220</b>	<b>6.2</b>	<b>323,502</b>
-- <b>Primary Commodities</b>	193,168	144,010	203,545	256,010	263,121	2.8	211,971
-- <b>Value Added Products</b>	86,540	99,740	103,579	125,697	142,099	13.0	111,531
<b>Top Export Products</b>							
1 Wheat.....	134,141	121,008	168,150	169,891	132,521	-22.0	145,142
2 Canola Seed.....	22,716	14	10,996	58,117	105,780	82.0	39,524
3 Prepared Animal Feeds.....	31,149	43,079	49,122	75,308	89,120	18.3	57,556
4 Whiskey.....	13,012	13,291	13,065	12,856	13,742	6.9	13,193
5 Horse Meat (Fresh, Frozen, Chilled).....	15,349	10,969	15,549	13,600	13,393	-1.5	13,772
6 Dried Beans (Excl. dry peas and lentils)...	9,368	6,755	9,744	11,637	10,321	-11.3	9,565
7 Bovine Semen.....	8,056	9,776	11,692	9,403	9,798	4.2	9,745
8 Seeds for Sowing.....	6,502	5,315	4,605	4,317	6,369	47.5	5,422
9 Linseed.....	2,262	8,218	8,133	9,817	5,536	-43.6	6,793
10 Beef (Fresh, Frozen, Chilled, incl. Offal)...	5,292	6,291	7,158	4,433	3,133	-29.3	5,262
<b>Top 10 Products</b>	<b>247,846</b>	<b>224,716</b>	<b>298,212</b>	<b>369,378</b>	<b>389,715</b>	<b>5.5</b>	<b>305,973</b>
<b>% of EU Total</b>	<b>88.6</b>	<b>92.2</b>	<b>97.1</b>	<b>96.8</b>	<b>96.2</b>		

0 - (zero) refers to value less than \$500.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

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# Alberta Livestock Industry in 2016

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## Cattle and Calves

As of July 1, 2016, cattle and calves on Alberta farms totalled 5.4 million head, up 0.9 per cent from July 1, 2015. This marks the first year-over-year increase following two consecutive years of decline. The increase in inventory was mainly due to a rise in all cattle classes with the exception of slaughter heifers and steers which declined.

Alberta's total beef breeding herd, comprising cows and heifers increased 3.4 per cent to 1.8 million head. Total beef cows numbers grew 3.3 per cent to 1.6 million head, while beef heifers for replacement were up 3.6 per cent to 277,700 head. The increase in beef breeding herd may suggest some growth as cattle prices continue to remain strong. Alberta's dairy herd, comprising of milk cows and dairy replacement heifers increased 1.3 per cent to 120,300 head, compared to July 1, 2015.

Nationally, Canadian farmers had 12.9 million head of cattle on their farms, up 0.2 per cent from July 1, 2015. Most provinces showed growth in inventories with the exception of Saskatchewan, Ontario and the Atlantic provinces. Alberta continued to lead the nation in cattle and calf inventories (5.4 million head), followed by Saskatchewan (2.7 million head), and Ontario (1.7 million head). Currently, Alberta accounts for 54.3 per cent of the total Western Canadian herd (9.9 million head) and 41.4 per cent of the national herd (12.9 million head).

Three-quarters of Canadian beef processing occurred in Western Canada, with the majority concentrated in Alberta. In 2016, Western Canadian cattle slaughter (excluding calves) in federally and provincially inspected plants was 2.1 million head, up 4.9 per cent from 2015. Steers and heifers accounted for the bulk of the slaughter and together constituted 83.2 per cent of the total. In 2016, cow slaughter was up 13.4 per cent to 338,178 head, while bull slaughter rose 25.3 per cent to 16,266 head.

Alberta's cattle prices trended downwards in 2016 from the peak levels observed in 2015. Despite the decline, cattle prices are the third highest on record, and well above the 5-year averages. Compared to 2015, the annual average slaughter steer price fell 17.6 per cent to \$150.57 per cwt., slaughter heifer prices decreased 17.8 per cent to \$148.50 per cwt., cow prices (D1/D2) declined 26.0 per cent to \$97.95 per cwt., and cow prices (D3) was down 26.2 per cent to \$87.10 per cwt. Similarly, feeder cow prices dropped 25.6 per cent to \$103.97 per cwt., and bull prices slipped 21.5 per cent to \$120.54 per cwt.

Alberta's live cattle and calf shipments out-of-province were up in 2016 compared to 2015. Total live cattle and calf shipments grew 7.4 per cent to 436,058 head. The Canadian dollar had one of the biggest effect on cattle prices. A lower dollar increased the demand for Alberta cattle as observed in 2016.

Live feeder cattle and calf shipments to all destinations in 2016 totalled 137,598 head, 27.0 per cent below 2015. Of this total, 116,987 head were exported to other Canadian provinces and 20,611 head were shipped to the United States and other countries.

Total shipments of cattle and calves for slaughter rose 38.1 per cent to 278,640 head, compared to a year earlier. Of this total, the bulk (91.7 per cent) was shipped to the United States, with the remainder shipped to other Canadian provinces.

Shipments of live replacement cattle and calves increased 24.2 per cent to 19,820 head. The majority (96.9 per cent) of replacements were shipped to other Canadian provinces, with Saskatchewan and British Columbia accounting for the bulk of exports.

## Pigs

Alberta's total hog herd estimated at 1.5 million head, was up 1.0 per cent from July 1, 2015. Inventories increased for all classes of animals with the exception of sows and market hogs in the "120-180 pound" class and "Over 180 pound" class that decreased. The slight increase total hog inventories can be attributed to the strong consumer demand for pork.

The estimated breeding inventory, comprising boars, sows and bred gilts, was down marginally by 0.1 per cent from July 1, 2015 to 140,800 head. Sows and bred gilts decreased 0.5 per cent to 135,900 head, while boars increased 11.4 per cent to 4,900 head.

The total market hog inventory grew 1.2 per cent to 1.3 million head. Hogs in the "Under 49 pound" class rose 6.0 per cent to 520,600 head, while hogs in the "50 to 119 pound" class increased 2.3 per cent to 247,400 head. Declining were hogs in the "120 to 180 pound" class which fell 3.2 per cent to 281,100 head, and hogs in the "Over 180 pound" class which dropped 3.5 per cent to 285,100 head.

Nationally, Canadian producers had 13.8 million head of hogs on farms, up 3.4 per cent from July 1, 2015. All provinces posted gains in hog inventories with the exception of New Brunswick and Prince Edward Island. Across Canada, Alberta currently ranks fourth in hog inventories (1.5 million head), behind Quebec (4.4 million head), Ontario (3.5 million head), and Manitoba (3.2 million head). Alberta accounted for 24.9 per cent of the Western Canadian pig population of 5.9 million head



and 10.7 per cent of the national total of 13.8 million head.

In 2016, over a tenth of Canadian pork processing occurred in Alberta. Hog slaughter in federally and provincially inspected plants, irrespective of origin, decreased 2.0 per cent to 2.6 million head, compared to 2015. The 2016 slaughter represented 12.3 per cent of the Canadian total of 21.3 million head and 29.8 per cent of the Western Canadian total of 8.8 million head.

The annual average index 100 hog price fell 5.1 per cent to \$1.48 per kilogram compared to 2015. The decline in prices is largely due to the increase in hog inventories in North America and price competition from other meats such as beef and poultry.

### **Sheep and Lambs**

As of July 1, 2016, the size of the provincial sheep and lamb flock on Alberta farms was 193,000 head, down 1.5 per cent from a year earlier. The drop in inventory was mainly due to a decline in market lambs. Strong slaughter lamb and sheep prices encouraged marketings.

Ewes, at 89,400 head, remained flat compared to July 1, 2015. Replacement lambs grew 8.2 per cent to 15,900 head, while market lambs decreased 4.9 per cent to 83,000 head. The total number of rams rose 2.2 per cent to 4,300 head.

Nationally, the sheep and lamb flock declined 2.0 per cent to 1.1 million head. Inventories were down in all provinces with the exception of Manitoba and Prince Edward Island which showed growth.

Among provinces, Alberta ranked third in sheep and lamb inventories (193,000 head), behind Ontario (321,800 head), and Quebec (239,000 head). The province also accounted for 42.9 per cent of the total Western Canadian flock of 450,000 head, and 18.3 per cent of the national total of 1.1 million head.

### **Apiculture (1)**

Preliminary estimates in 2016 indicate that the number of beekeepers in Alberta increased for the eighth consecutive year, and is the highest since 1988. There were 1,400 beekeepers in the province (up 31.6 per cent from 2015) and represented 14.2 per cent of the Canadian total of 9,859 beekeepers or 23.9 per cent of the Western Canadian total of 5,852 beekeepers.

Honey bee colony numbers increased for the third consecutive year, setting a new provincial record. Total colonies increased 2.7 per cent from 296,880 in 2015, to 305,000 colonies in 2016. Despite Alberta accounting for a relatively small percentage of the nation's total beekeepers, the province had 40.7 per cent of the honey producing colonies in Canada (750,155 colonies), and 54.6 per cent of the Western Canadian total (558,915 colonies).

In 2016, total honey production was estimated at 17,293 tonnes, 3.4 per cent lower than the 17,899 tonnes in 2015. The decrease was attributed to lower yields which dropped 6.0 per cent to 57 kilograms per colony.

Alberta continues to lead the nation in honey production, accounting for 41.4 per cent of the Canadian total of 41,814 tonnes, and 48.9 per cent of the Western Canadian total of 35,391 tonnes.

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(1) 2016 honey statistics are based on the Statistics Canada, CANSIM Database Table Number 001-0007 and estimates are subject to revision. Preliminary estimates are used to facilitate comparisons with Canada.

Table 49: Livestock on Farms, Canada and Provinces, July 1, 2005-2016

	Canada	Alberta	Sask.	Manitoba	British Columbia	Ontario	Quebec	Atlantic Provinces
<b>Cattle and Calves - '000 Head</b>								
2005.....	16,610.0	6,700.0	3,625.0	1,735.0	915.0	2,154.6	1,455.0	295.4
2006.....	16,000.0	6,300.0	3,450.0	1,680.0	820.0	2,032.6	1,425.0	292.4
2007.....	15,665.0	6,350.0	3,390.0	1,505.0	785.0	1,967.2	1,380.0	287.8
2008.....	14,910.0	5,970.0	3,215.6	1,485.0	730.0	1,881.4	1,350.0	278.0
2009.....	14,315.0	5,725.0	3,015.0	1,415.0	690.0	1,866.8	1,350.0	253.2
2010.....	13,695.0	5,425.0	2,920.0	1,330.0	650.0	1,816.3	1,310.0	243.7
2011.....	13,545.0	5,455.0	2,895.0	1,260.0	645.0	1,775.7	1,275.0	239.3
2012.....	13,520.0	5,460.0	2,905.0	1,250.0	650.0	1,789.1	1,230.0	235.9
2013.....	13,520.0	5,535.0	2,910.0	1,255.0	645.0	1,743.0	1,200.0	232.0
2014.....	13,295.0	5,455.0	2,800.0	1,220.0	650.0	1,764.0	1,175.0	231.0
2015r.....	12,915.0	5,305.0	2,685.0	1,155.0	660.0	1,715.4	1,170.0	224.6
2016p.....	12,935.0	5,355.0	2,675.0	1,155.0	665.0	1,692.1	1,175.0	217.9
<b>Pigs - '000 Head</b>								
2005.....	15,195.0	2,000.0	1,395.0	2,940.0	144.0	3,995.4	4,384.0	336.6
2006.....	15,065.0	2,056.0	1,389.0	2,980.0	135.0	3,929.6	4,250.0	325.4
2007.....	14,880.0	1,950.0	1,345.0	3,005.0	131.0	3,958.7	4,190.0	300.3
2008.....	13,320.0	1,630.0	1,025.0	2,840.0	123.0	3,348.8	4,165.0	188.2
2009.....	12,595.0	1,475.0	940.0	2,675.0	116.0	3,223.6	4,015.0	150.4
2010.....	12,525.0	1,420.0	975.0	2,815.0	89.0	2,994.6	4,100.0	131.4
2011.....	12,650.0	1,400.0	1,040.0	2,845.0	88.0	3,033.1	4,120.0	123.9
2012.....	12,640.0	1,395.0	1,030.0	2,830.0	89.0	3,038.9	4,135.0	122.1
2013.....	12,765.0	1,440.0	1,070.0	2,860.0	87.0	3,045.0	4,140.0	123.0
2014.....	13,005.0	1,475.0	1,145.0	2,945.0	89.0	3,022.6	4,210.0	118.4
2015r.....	13,360.0	1,460.0	1,170.0	3,080.0	87.0	3,297.2	4,170.0	95.8
2016p.....	13,840.0	1,475.0	1,180.0	3,190.0	89.0	3,460.9	4,360.0	85.1
<b>Sheep and Lambs - '000 Head</b>								
2005.....	1,190.5	239.0	142.0	78.0	76.0	310.0	302.0	43.5
2006.....	1,151.2	228.0	133.0	68.5	62.5	311.0	307.0	41.2
2007.....	1,109.9	209.0	122.0	70.0	58.0	312.0	296.0	42.9
2008.....	1,090.8	193.0	128.0	66.0	61.0	309.0	293.0	40.8
2009.....	1,104.4	189.0	119.0	71.0	59.0	335.0	289.0	42.4
2010.....	1,104.7	195.0	121.0	65.0	57.0	343.0	280.0	43.7
2011.....	1,138.0	203.0	123.0	68.0	58.0	360.0	280.0	46.0
2012.....	1,138.4	201.0	127.0	73.0	58.0	359.0	273.0	47.4
2013.....	1,125.9	204.0	126.0	76.0	59.0	350.8	263.0	47.1
2014.....	1,092.9	200.0	123.0	72.0	57.0	335.5	258.1	47.3
2015r.....	1,074.7	196.0	119.0	79.0	55.0	329.1	250.0	46.6
2016p.....	1,053.3	193.0	115.0	89.0	53.0	321.8	239.0	42.5

Source: Statistics Canada, CANSIM Database Table Numbers 003-0031, 003-0032 and 003-0100

Table 50: Cattle and Calves on Alberta Farms, July 1, 1971-2016

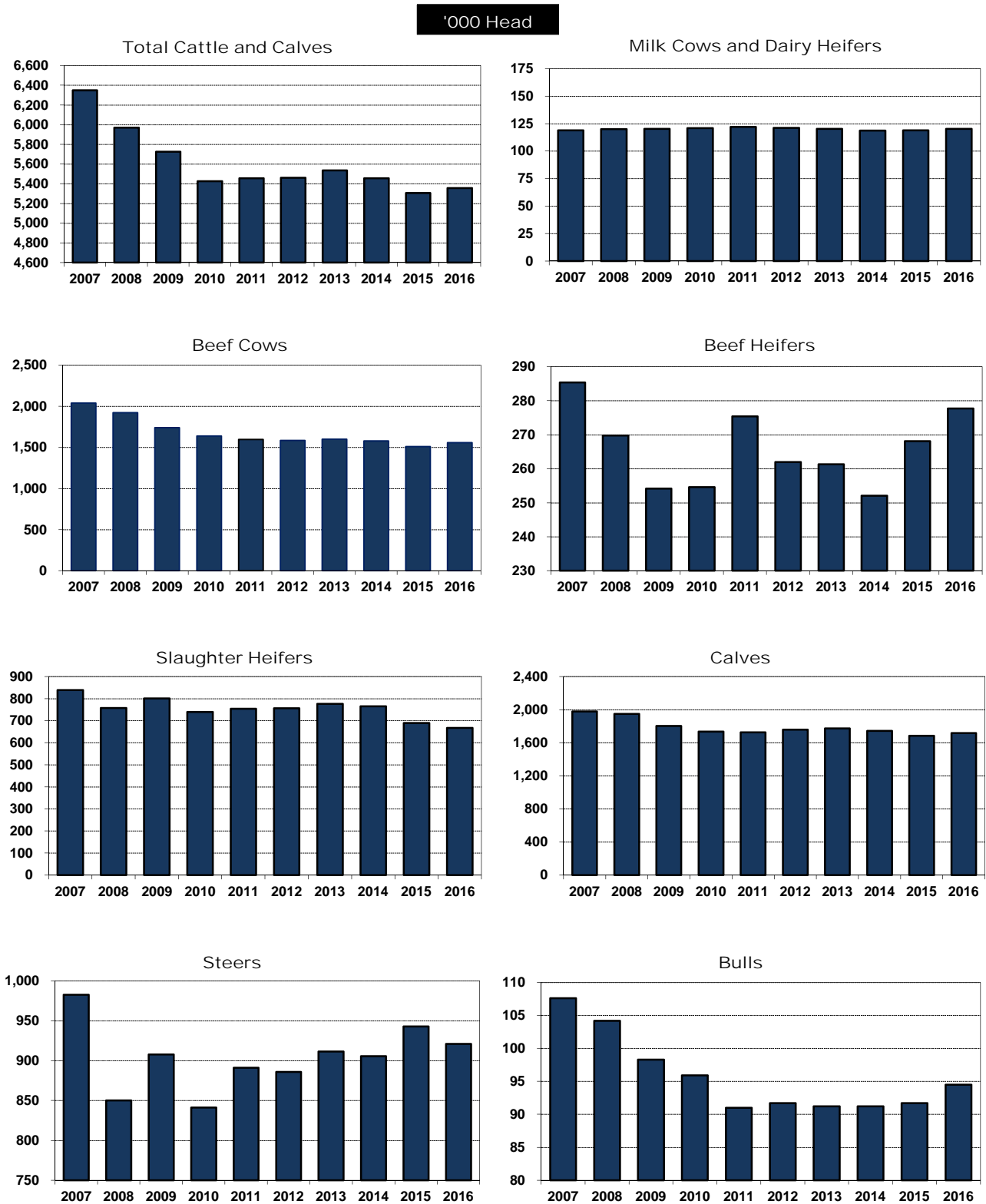
	Bulls	Milk	Dairy	Beef	(1) Beef	Slaughter	Calves	Steers	Total		Alberta
		Cows	Heifers	Cows	Heifers	Heifers			Alberta	Canada	as a % of Canada
'000 Head											
1971.....	72.0	186.0	38.0	1,270.0	451.0	-	1,157.0	528.0	<b>3,702.0</b>	13,270.9	27.9
1972.....	75.0	178.0	32.0	1,364.0	500.0	-	1,225.0	550.0	<b>3,924.0</b>	13,736.0	28.6
1973.....	79.0	171.0	34.0	1,509.0	522.0	-	1,319.0	567.0	<b>4,201.0</b>	14,249.0	29.5
1974.....	87.0	165.0	35.0	1,660.0	559.0	-	1,434.0	655.0	<b>4,595.0</b>	15,318.0	30.0
1975.....	87.0	157.0	36.0	1,692.0	550.0	-	1,458.0	709.0	<b>4,689.0</b>	15,622.0	30.0
1976.....	88.0	163.0	51.0	1,530.0	270.0	368.0	1,435.0	770.0	<b>4,675.0</b>	15,063.0	31.0
1977.....	87.0	160.0	50.0	1,500.0	260.0	318.0	1,315.0	660.0	<b>4,350.0</b>	14,292.9	30.4
1978.....	82.0	158.0	51.0	1,400.0	240.0	320.0	1,239.0	645.0	<b>4,135.0</b>	13,352.7	31.0
1979.....	85.0	162.0	53.0	1,370.0	230.0	325.0	1,205.0	650.0	<b>4,080.0</b>	13,238.8	30.8
1980.....	90.0	168.0	56.0	1,400.0	245.0	306.0	1,290.0	600.0	<b>4,155.0</b>	13,381.9	31.0
1981.....	89.5	166.0	54.5	1,368.0	243.0	325.0	1,300.0	607.0	<b>4,153.0</b>	13,364.5	31.1
1982.....	90.0	159.0	50.0	1,394.0	227.0	320.0	1,260.0	580.0	<b>4,080.0</b>	13,170.0	31.0
1983.....	91.0	146.0	48.0	1,388.0	217.0	300.0	1,235.0	540.0	<b>3,965.0</b>	12,835.7	30.9
1984.....	91.0	141.0	49.0	1,368.0	233.0	298.0	1,255.0	540.0	<b>3,975.0</b>	12,581.9	31.6
1985.....	91.0	132.0	49.0	1,345.0	222.0	264.0	1,245.0	492.0	<b>3,840.0</b>	12,160.0	31.6
1986.....	91.0	124.0	51.0	1,315.0	232.0	255.0	1,252.0	426.0	<b>3,746.0</b>	11,787.7	31.8
1987.....	90.0	121.0	52.0	1,369.0	259.0	271.0	1,297.0	465.0	<b>3,924.0</b>	11,815.7	33.2
1988.....	91.0	117.0	50.0	1,444.0	283.0	287.0	1,351.0	526.0	<b>4,149.0</b>	12,153.2	34.1
1989.....	92.0	112.0	51.0	1,506.0	303.0	319.0	1,421.0	571.0	<b>4,375.0</b>	12,456.9	35.1
1990.....	94.0	109.0	49.0	1,567.0	305.0	320.0	1,478.0	568.0	<b>4,490.0</b>	12,560.2	35.7
1991.....	95.0	105.0	47.0	1,635.0	324.0	330.0	1,560.0	575.0	<b>4,671.0</b>	12,842.9	36.4
1992.....	97.0	105.0	47.0	1,667.0	335.0	348.0	1,581.0	631.0	<b>4,811.0</b>	13,025.1	36.9
1993.....	103.0	98.0	42.0	1,760.0	313.0	410.0	1,666.0	549.0	<b>4,941.0</b>	13,251.8	37.3
1994.....	112.0	100.0	43.0	1,917.0	400.0	359.0	1,818.0	567.0	<b>5,316.0</b>	13,924.4	38.2
1995.....	120.0	101.0	43.0	2,050.0	455.0	374.0	1,901.0	564.0	<b>5,608.0</b>	14,729.6	38.1
1996.....	119.0	103.0	44.0	2,023.0	390.0	459.0	1,945.0	653.0	<b>5,736.0</b>	15,051.4	38.1
1997.....	109.0	98.0	42.0	1,959.0	370.0	550.0	2,020.0	700.0	<b>5,848.0</b>	15,058.3	38.8
1998.....	104.0	92.0	39.0	1,920.0	330.0	625.0	2,035.0	900.0	<b>6,045.0</b>	14,944.4	40.4
1999.....	105.0	88.0	37.0	1,960.0	335.0	635.0	1,916.0	980.0	<b>6,056.0</b>	14,753.4	41.0
2000.....	109.0	89.0	38.0	2,030.0	350.0	690.0	2,043.0	930.0	<b>6,279.0</b>	14,968.4	41.9
2001.....	114.0	91.0	39.0	2,060.0	370.0	720.0	2,146.0	960.0	<b>6,500.0</b>	15,424.5	42.1
2002.....	110.0	90.0	38.0	2,040.0	345.0	750.0	2,146.0	868.0	<b>6,387.0</b>	15,420.9	41.4
2003.....	109.0	85.0	38.0	1,990.0	350.0	680.0	2,050.0	798.0	<b>6,100.0</b>	15,670.0	38.9
2004.....	113.0	82.0	39.0	2,150.0	320.0	765.0	2,151.0	780.0	<b>6,400.0</b>	16,610.0	38.5
2005.....	119.0	85.0	38.0	2,200.0	352.0	825.0	2,251.0	830.0	<b>6,700.0</b>	16,610.0	40.3
2006.....	105.0	82.0	38.0	2,025.0	278.0	812.0	2,072.0	888.0	<b>6,300.0</b>	16,000.0	39.4
2007.....	107.6	80.9	38.0	2,039.4	285.4	838.7	1,977.4	982.6	<b>6,350.0</b>	15,665.0	40.5
2008.....	104.2	80.8	39.1	1,921.8	269.8	757.3	1,946.8	850.2	<b>5,970.0</b>	14,910.0	40.0
2009.....	98.3	80.7	39.5	1,740.3	254.2	801.0	1,803.3	907.7	<b>5,725.0</b>	14,315.0	40.0
2010.....	95.9	80.6	40.3	1,637.7	254.6	739.6	1,735.0	841.3	<b>5,425.0</b>	13,695.0	39.6
2011.....	91.0	80.5	41.4	1,596.1	275.4	753.7	1,725.9	891.0	<b>5,455.0</b>	13,545.0	40.3
2012.....	91.7	80.6	40.5	1,585.9	262.0	756.4	1,756.9	886.0	<b>5,460.0</b>	13,520.0	40.4
2013.....	91.2	80.2	40.1	1,600.3	261.3	776.6	1,773.8	911.5	<b>5,535.0</b>	13,520.0	40.9
2014.....	91.2	79.9	38.8	1,579.1	252.1	764.6	1,743.8	905.5	<b>5,455.0</b>	13,295.0	41.0
2015r.....	91.7	80.0	38.8	1,509.1	268.1	689.6	1,684.8	942.9	<b>5,305.0</b>	12,915.0	41.1
2016p.....	94.5	80.5	39.8	1,559.3	277.7	666.8	1,715.3	921.1	<b>5,355.0</b>	12,935.0	41.4

Note: Cattle statistics prior to 1975 are as of June 1.

(1) Comprises heifers for beef herd replacement. Prior to 1976, included slaughter heifers.

Source: Statistics Canada, CANSIM Database Table Number 003-0032

Fig. 25 Number of Cattle and Calves on Alberta Farms, July 1, 2007-2016



Source: Statistics Canada, CANSIM Database Table Number 003-0032

Table 51: Pigs on Alberta Farms, July 1, 1990-2016

	Breeding Stock			All Other Pigs				Total		Alberta as a % of Canada	
	Boars	Sows	Total	Weight Class (lbs.)				Total	Alberta		Canada
				≤ 49	50-119	120-180	Over 180				
	'000 Head										
1990.....	13.0	176.0	189.0	542.9	391.4	346.6	219.1	1,500.0	<b>1,689.0</b>	10,146.3	16.6
1991.....	13.0	187.0	200.0	584.4	406.9	335.4	233.3	1,560.0	<b>1,760.0</b>	10,444.5	16.9
1992.....	14.1	198.9	213.0	605.7	470.0	359.6	264.8	1,700.1	<b>1,913.1</b>	10,803.0	17.7
1993.....	12.9	194.2	207.1	587.2	442.5	349.4	262.4	1,641.5	<b>1,848.6</b>	10,596.4	17.4
1994.....	13.5	196.6	210.1	573.3	415.8	331.7	247.7	1,568.5	<b>1,778.6</b>	10,728.1	16.6
1995.....	13.3	191.6	204.9	632.9	483.8	367.6	341.9	1,826.2	<b>2,031.1</b>	11,536.0	17.6
1996.....	12.0	178.5	190.5	582.4	458.6	332.4	312.0	1,685.4	<b>1,875.9</b>	11,547.6	16.2
1997.....	10.5	182.4	192.9	569.3	451.8	315.2	292.8	1,629.1	<b>1,822.0</b>	11,672.4	15.6
1998.....	9.9	181.2	191.1	574.1	489.6	315.3	310.8	1,689.8	<b>1,880.9</b>	12,357.1	15.2
1999.....	9.9	179.2	189.1	598.1	463.6	301.7	295.7	1,659.1	<b>1,848.2</b>	12,688.8	14.6
2000.....	9.7	185.7	195.4	610.3	501.4	308.7	302.4	1,722.8	<b>1,918.2</b>	13,401.0	14.3
2001.....	8.9	200.9	209.8	638.7	535.4	323.3	322.2	1,819.6	<b>2,029.4</b>	14,050.4	14.4
2002.....	7.9	209.0	216.9	675.3	551.4	342.5	354.8	1,924.0	<b>2,140.9</b>	14,715.0	14.5
2003.....	7.5	203.5	211.0	680.4	453.8	330.3	354.5	1,819.0	<b>2,030.0</b>	14,720.0	13.8
2004.....	7.3	198.0	205.3	669.4	483.1	327.7	344.5	1,824.7	<b>2,030.0</b>	14,980.0	13.6
2005.....	7.2	196.8	204.0	661.7	482.0	312.3	340.0	1,796.0	<b>2,000.0</b>	15,195.0	13.2
2006.....	7.1	188.0	195.1	665.1	524.2	316.4	355.2	1,860.9	<b>2,056.0</b>	15,065.0	13.6
2007.....	7.0	179.9	186.9	625.3	468.7	305.5	363.6	1,763.1	<b>1,950.0</b>	14,880.0	13.1
2008.....	6.2	160.2	166.4	537.8	366.0	256.1	303.7	1,463.6	<b>1,630.0</b>	13,320.0	12.2
2009.....	5.2	149.7	154.9	466.2	350.6	235.3	268.0	1,320.1	<b>1,475.0</b>	12,595.0	11.7
2010.....	4.9	139.9	144.8	465.2	341.8	220.2	248.0	1,275.2	<b>1,420.0</b>	12,525.0	11.3
2011.....	4.5	136.1	140.6	485.1	224.9	322.3	227.1	1,259.4	<b>1,400.0</b>	12,650.0	11.1
2012.....	4.3	135.9	140.2	483.1	226.2	314.5	231.0	1,254.8	<b>1,395.0</b>	12,640.0	11.0
2013.....	4.3	136.0	140.3	488.3	234.4	320.8	256.2	1,299.7	<b>1,440.0</b>	12,765.0	11.3
2014.....	4.3	136.1	140.4	483.8	247.4	323.0	280.4	1,334.6	<b>1,475.0</b>	13,005.0	11.3
2015r.....	4.4	136.6	141.0	491.2	241.9	290.4	295.5	1,319.0	<b>1,460.0</b>	13,360.0	10.9
2016p.....	4.9	135.9	140.8	520.6	247.4	281.1	285.1	1,334.2	<b>1,475.0</b>	13,840.0	10.7

Source: Statistics Canada, CANSIM Database Table Number 003-0100

Table 52: Sheep and Lambs on Alberta Farms, July 1, 1973-2016

	Rams 1 Year Plus	Ewes and Wethers	Lambs, Breeding Under 1 Year	Lambs, Market Under 1 Year	Total		Alberta as a % of Canada
					Alberta	Canada	
'000 Head							
1973.....	-	-	-	-	255.0	832.5	30.6
1974.....	-	-	-	-	250.0	783.5	31.9
1975.....	-	-	-	-	226.0	702.6	32.2
1976.....	-	-	-	-	183.0	577.2	31.7
1977.....	-	-	-	-	146.5	558.6	26.2
1978.....	-	-	-	-	142.5	587.2	24.3
1979.....	-	-	-	-	153.5	648.7	23.7
1980.....	-	-	-	-	178.0	733.8	24.3
1981.....	-	-	-	-	198.0	803.2	24.7
1982.....	-	-	-	-	203.0	811.9	25.0
1983.....	-	-	-	-	202.0	802.9	25.2
1984.....	4.5	85.5	-	-	188.0	768.8	24.5
1985.....	4.1	75.9	-	-	175.0	720.3	24.3
1986.....	3.9	79.0	17.8	82.9	183.6	694.9	26.4
1987.....	4.3	89.0	21.0	88.7	203.0	731.3	27.8
1988.....	4.6	97.0	23.0	106.4	231.0	788.9	29.3
1989.....	5.0	110.0	26.0	110.0	251.0	827.5	30.3
1990.....	5.6	120.0	28.0	121.4	275.0	874.4	31.5
1991.....	6.0	135.0	32.0	126.0	299.0	917.8	32.6
1992.....	7.6	143.5	36.9	123.0	311.0	897.1	34.7
1993.....	6.0	135.2	27.6	118.2	287.0	883.0	32.5
1994.....	6.3	116.0	29.6	98.1	250.0	825.6	30.3
1995.....	5.7	124.7	31.4	102.2	264.0	857.6	30.8
1996.....	6.0	115.3	30.7	92.5	244.5	846.7	28.9
1997.....	5.8	109.5	28.7	81.7	225.7	821.5	27.5
1998.....	5.9	109.1	26.7	83.3	225.0	892.0	25.2
1999.....	6.5	111.0	30.0	92.5	240.0	979.0	24.5
2000.....	6.6	118.2	35.9	109.3	270.0	1,105.3	24.4
2001.....	7.0	128.8	30.4	120.8	287.0	1,247.7	23.0
2002.....	7.5	132.4	29.1	119.0	288.0	1,252.1	23.0
2003.....	6.7	119.0	27.8	101.5	255.0	1,247.2	20.4
2004.....	5.1	101.5	19.3	122.1	248.0	1,240.5	20.0
2005.....	5.3	103.5	19.0	111.2	239.0	1,190.5	20.1
2006.....	5.2	103.6	16.0	103.2	228.0	1,151.2	19.8
2007.....	5.0	93.4	16.1	94.5	209.0	1,109.9	18.8
2008.....	4.4	91.1	12.1	85.4	193.0	1,090.8	17.7
2009.....	4.6	88.9	12.8	82.7	189.0	1,104.4	17.1
2010.....	4.8	89.9	14.2	86.1	195.0	1,104.7	17.7
2011.....	5.0	92.6	15.1	90.3	203.0	1,138.0	17.8
2012.....	5.2	91.6	14.9	89.3	201.0	1,138.4	17.7
2013.....	5.2	91.4	15.3	92.1	204.0	1,125.9	18.1
2014.....	4.9	90.2	14.2	90.7	200.0	1,092.9	18.3
2015r.....	4.6	89.4	14.7	87.3	196.0	1,074.7	18.2
2016p.....	4.7	89.4	15.9	83.0	193.0	1,053.3	18.3

Note: Sheep statistics prior to 1975 are as of June 1.

Source: Statistics Canada, CANSIM Database Table Number 003-0031

Table 53: Livestock Slaughtered (1), Canada and Provinces, 2009-2016

	Canada	Alberta*	Western Canada	Ontario	Quebec and Atlantic Provinces
<b>Cattle and Calves - Head</b>					
2009.....	3,650,287	2,396,065	2,512,172	698,138	439,977
2010.....	3,694,979	2,471,063	2,519,028	726,651	449,300
2011.....	3,345,786	-	2,211,271	705,487	429,028
2012.....	3,059,962	-	2,015,877	711,001	333,084
2013.....	3,015,832	-	2,035,537	711,012	269,283
2014.....	3,083,446	-	2,122,774	700,343	260,329
2015r.....	2,897,779	-	2,013,571	643,427	240,781
2016p.....	3,037,302	-	2,111,909	672,629	252,764

\*Alberta cattle and calf slaughter no longer available due to confidentiality.

	Canada	Alberta	Saskatchewan and Manitoba	British Columbia	Western Canada	Ontario	Quebec and Atlantic Provinces
<b>Hogs - Head</b>							
2009.....	21,639,122	2,599,175	5,281,888	500,035	8,381,098	4,949,398	8,308,626
2010.....	21,123,052	2,662,056	5,356,151	499,317	8,517,524	4,432,312	8,173,216
2011.....	21,097,518	2,507,035	5,569,738	490,521	8,567,294	4,451,554	8,078,670
2012.....	21,120,505	2,406,048	5,784,752	484,602	8,675,402	4,430,997	8,014,106
2013.....	20,758,902	2,358,033	5,675,383	472,952	8,506,368	4,232,823	8,019,711
2014.....	20,335,730	2,509,468	5,345,215	493,772	8,348,455	4,021,926	7,965,349
2015.....	21,186,243	2,673,257	5,628,842	504,124	8,806,223	4,017,084	8,362,936
2016p.....	21,261,873	2,619,485	5,634,536	525,668	8,779,689	4,008,961	8,473,223

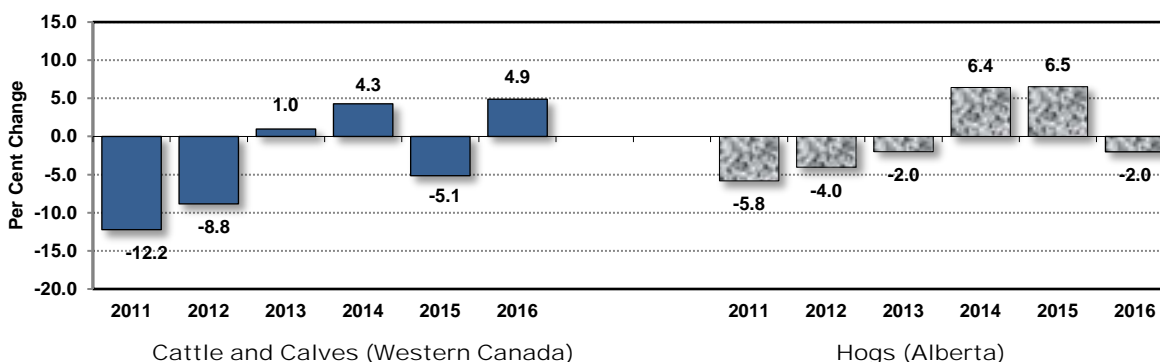
	Canada	Western* Canada	Western Canada and Ontario	Quebec and Atlantic Provinces
<b>Sheep and Lambs - Head</b>				
2009.....	538,169	105,020	374,039	164,130
2010.....	524,796	105,248	367,450	157,346
2011.....	507,086	100,305	360,018	147,068
2012.....	518,668	106,889	369,624	149,044
2013.....	568,794	121,464	423,201	145,593
2014r.....	585,572	118,747	438,055	147,517
2015r.....	562,569	127,243	421,288	141,281
2016p.....	552,800	-	410,571	142,229

(1) Data represent livestock slaughtered in federally and provincially inspected plants, irrespective of origin.

\*Western Canada slaughter no longer available due to confidentiality.

Source: Agriculture and Agri-Food Canada

Fig. 26 Slaughter Activity in Alberta and Western Canada, Annual Per Cent Change, 2011-2016



Source: Agriculture and Agri-Food Canada

Table 54: Livestock Slaughtered in Alberta (1) and Western Canada (2),  
2007-2016

	Steers (2)	Heifers (2)	Cows (2)	Bulls (2)	Total		Total Cattle & Calves (2)	Hogs (1)
					Cattle (2)	Calves (2)		
Head								
2007.....	1,102,994	821,680	497,946	39,498	2,462,118	6,789	2,468,907	2,934,702
2008.....	1,151,303	818,712	593,555	19,315	2,582,885	3,057	2,585,942	2,701,366
2009.....	1,172,694	840,690	478,867	16,700	2,508,951	3,070	2,512,187	2,599,175
2010.....	1,163,001	898,075	424,379	29,995	2,515,450	3,199	2,518,649	2,662,056
2011.....	1,078,659	761,327	344,075	23,959	2,208,020	3,188	2,211,200	2,507,035
2012.....	1,011,800	691,643	292,787	16,391	2,012,621	3,053	2,015,506	2,406,048
2013.....	988,483	654,298	380,018	8,830	2,031,629	2,781	2,034,410	2,358,033
2013.....	988,483	654,298	380,018	8,830	2,031,629	2,781	2,034,410	2,358,033
<b>2014</b>								
Jan.....	93,646	52,527	44,358	641	191,172	139	191,311	193,680
Feb.....	74,927	50,478	31,096	512	157,013	145	157,158	190,805
Mar.....	72,812	75,461	26,899	536	175,708	220	175,928	239,202
Apr.....	80,089	98,703	25,973	597	205,362	192	205,554	186,187
May.....	85,699	59,363	20,072	792	165,926	198	166,124	181,573
Jun.....	100,313	54,524	22,117	829	177,783	184	177,967	244,392
Jul.....	117,160	50,364	27,634	1,089	196,247	186	196,433	201,176
Aug.....	98,457	49,696	19,219	1,012	168,384	155	168,539	189,714
Sep.....	90,889	53,757	22,137	1,105	167,888	221	168,109	239,131
Oct.....	101,858	76,440	31,876	961	211,135	156	211,291	195,958
Nov.....	68,033	53,654	38,439	1,027	161,153	190	161,343	205,972
Dec.....	82,869	52,169	35,968	890	171,896	218	172,114	241,678
Annual (3).....	<b>1,066,752</b>	<b>727,136</b>	<b>345,788</b>	<b>9,991</b>	<b>2,149,667</b>	<b>2,204</b>	<b>2,151,871</b>	<b>2,509,468</b>
<b>2015</b>								
Jan.....	75,580	41,640	33,547	517	151,284	172	151,456	197,099
Feb.....	65,896	57,263	31,572	552	155,283	159	155,442	213,057
Mar.....	64,183	65,977	23,046	508	153,714	226	153,940	261,485
Apr.....	69,885	86,693	24,896	1,011	182,485	156	182,641	198,692
May.....	75,487	47,875	17,779	1,425	142,566	170	142,736	192,353
Jun.....	94,833	38,241	18,677	1,358	153,109	181	153,290	256,295
Jul.....	123,052	42,046	23,561	1,613	190,272	155	190,427	200,967
Aug.....	102,277	40,118	19,941	1,244	163,580	159	163,739	202,972
Sep.....	125,407	55,422	22,964	1,338	205,131	209	205,340	253,508
Oct.....	91,985	47,768	21,209	1,252	162,214	171	162,385	207,166
Nov.....	78,904	48,924	27,229	1,222	156,279	174	156,453	207,112
Dec.....	76,470	53,884	33,797	938	165,089	277	165,366	282,551
Annual (3).....	<b>1,043,959</b>	<b>625,851</b>	<b>298,218</b>	<b>12,978</b>	<b>1,981,006</b>	<b>2,209</b>	<b>1,983,215</b>	<b>2,673,257</b>
<b>2016p</b>								
Jan.....	69,464	47,542	33,259	1,021	151,286	126	151,412	210,556
Feb.....	61,960	41,134	33,211	1,258	137,563	153	137,716	208,149
Mar.....	77,294	68,578	34,040	1,555	181,467	200	181,667	255,671
Apr.....	61,794	64,504	24,368	1,178	151,844	154	151,998	205,414
May.....	83,446	51,297	19,156	1,209	155,108	157	155,265	194,945
Jun.....	124,883	51,484	25,453	1,374	203,194	213	203,407	241,738
Jul.....	116,230	39,588	20,638	997	177,453	170	177,623	205,479
Aug.....	141,935	58,580	24,846	1,599	226,960	159	227,119	199,350
Sep.....	118,011	54,683	19,382	1,440	193,516	194	193,710	251,290
Oct.....	95,986	55,810	23,050	1,341	176,187	177	176,364	201,853
Nov.....	83,676	80,631	48,893	1,891	215,091	311	215,402	208,366
Dec.....	58,690	49,214	31,880	1,403	141,187	190	141,377	236,674
Annual (3).....	<b>1,093,393</b>	<b>663,049</b>	<b>338,178</b>	<b>16,266</b>	<b>2,110,886</b>	<b>2,204</b>	<b>2,113,090</b>	<b>2,619,485</b>

(1) Data represents hogs slaughtered in federally and provincially inspected plants in Alberta, irrespective of origin.

(2) Data represents cattle and calves slaughtered in federally and provincially inspected plants in Western Canada, irrespective of origin.

(3) Cattle by class type: monthly data do not add up to totals as revisions are unavailable.

Source: "Red Meat Market Information", Agriculture and Agri-Food Canada; and Canadian Beef Grading Agency



Fig. 27 Number of Cattle Slaughtered (Excluding Calves), Western Canada as a Per Cent of Canada, 2009-2016

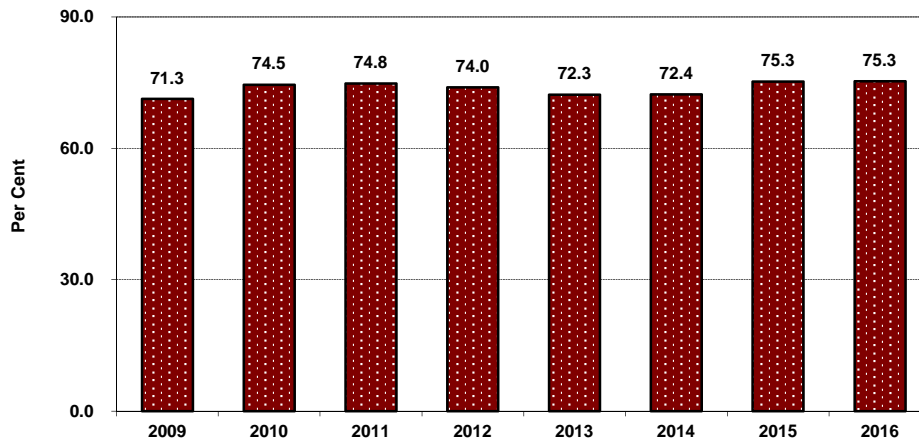
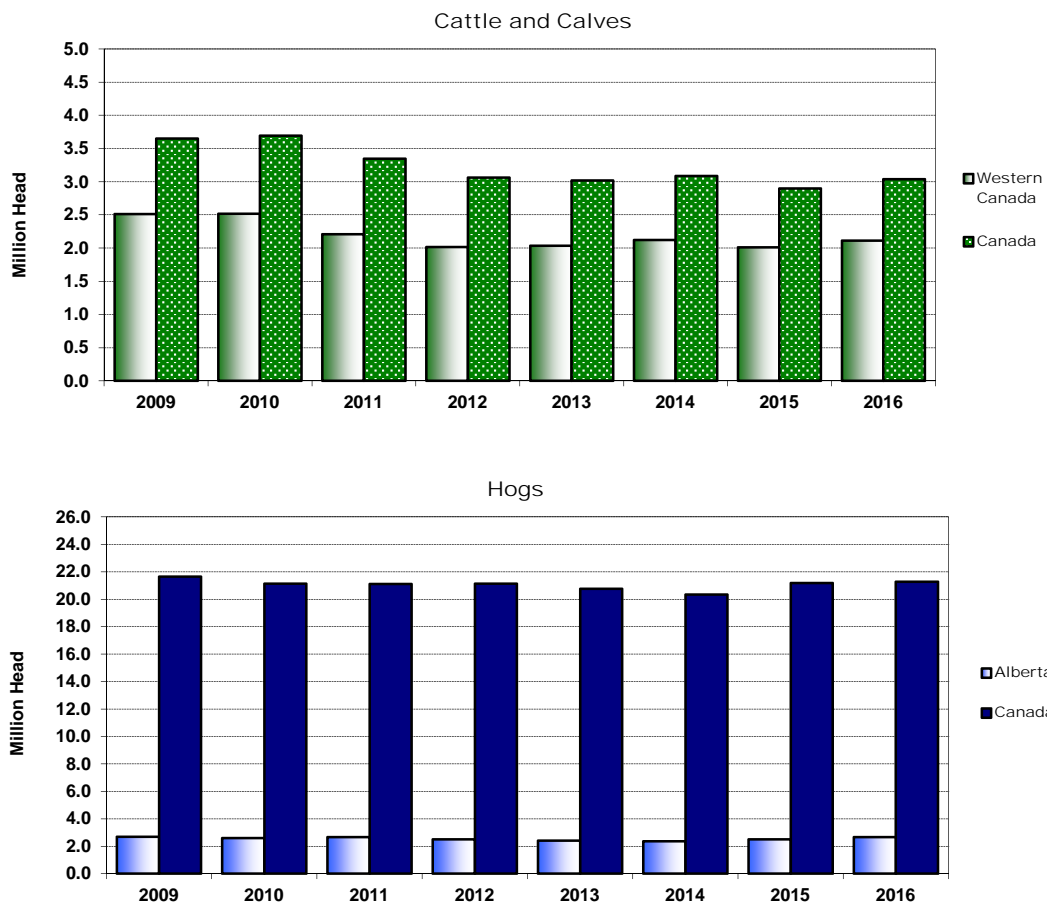


Fig. 28 Cattle and Calves and Hogs Slaughtered in Alberta, Western Canada and Canada, 2009-2016



Note: Data represents livestock slaughtered in federally and provincially inspected plants in Western Canada and Alberta, irrespective of origin.

Source: "Red Meat Market Information", Agriculture and Agri-Food Canada; and Canadian Beef Grading Agency

Table 55: Summary of Alberta Slaughter Hog Marketings (1), 2007-2016

	Head		Head
2007.....	3,340,017	2012.....	2,414,551
2008.....	3,033,482	2013.....	2,304,581
2009.....	2,589,814	2014.....	2,149,507
2010.....	2,456,888	2015.....	2,273,733
2011.....	2,382,741	2016p.....	2,231,766

(1) Data represents slaughter in federally and provincially inspected plants by province of origin.

Source: "Red Meat Market Information", Agriculture and Agri-Food Canada

Table 56: Alberta Supply and Disposition Livestock Balance Sheet, 2014-2016

July 1 to June 30	Cattle and Calves			Pigs			Sheep and Lambs		
	2014	2015r	2016p	2014	2015r	2016p	2014	2015r	2016p
	'000 Head								
Beginning Inventory at									
July 1 (previous year).....	5,535.0	5,455.0	5,320.0	1,440.0	1,475.0	1,460.0	204.0	200.0	195.0
Births (1).....	1,580.0	1,547.8	1,616.0	2,972.0	2,948.8	3,086.8	131.0	130.4	128.9
Interprovincial Imports (2).....	805.2	735.5	773.7	43.5	43.6	42.4	15.3	14.1	14.5
International Imports.....	0.5	0.7	0.6	-	-	0.1	11.9	3.3	0.6
<b>Total Supply.....</b>	<b>7,920.7</b>	<b>7,739.0</b>	<b>7,710.3</b>	<b>4,455.5</b>	<b>4,467.4</b>	<b>4,589.3</b>	<b>362.2</b>	<b>347.8</b>	<b>339.0</b>
Interprovincial Exports (2).....	154.2	169.5	154.0	20.0	20.0	20.0	14.1	12.5	8.8
International Exports.....	287.9	299.9	236.3	592.5	639.7	654.9	-	-	-
Total Slaughter (3).....	1,833.0	1,763.8	1,759.2	2,224.1	2,202.5	2,289.1	126.9	119.7	127.7
Deaths (4).....	190.6	185.8	185.8	143.9	145.2	150.3	21.2	20.6	19.5
<b>Total Disposition.....</b>	<b>2,465.7</b>	<b>2,419.0</b>	<b>2,335.3</b>	<b>2,980.5</b>	<b>3,007.4</b>	<b>3,114.3</b>	<b>162.2</b>	<b>152.8</b>	<b>156.0</b>
Ending Inventory at									
June 30 (current year).....	5,455.0	5,320.0	5,375.0	1,475.0	1,460.0	1,475.0	200.0	195.0	183.0

(1) Birth estimates for pigs have been adjusted for peri-natal mortality.

(2) Interprovincial imports and exports of feeder animals only. This number reflects net interprovincial movements in the case of sheep and lambs.

(3) Animals slaughtered in federally and provincially inspected plants (adjusted for interprovincial movements) and farm slaughter.

(4) Deaths include on-farm mortality and condemnations at slaughter.

Source: Statistics Canada, CANSIM Database Table Numbers 003-0083, 003-0094 and 003-0102

Table 57: Alberta Direct to Packer Sales, 2006-2016

	Steers - Live Sales		Heifers - Live Sales		Steers - Railgrade		Heifers - Railgrade	
	No. Sold	\$/100 lbs.	No. Sold	\$/100 lbs.	No. Sold	\$/100 lbs.	No. Sold	\$/100 lbs.
<b>2006</b> .....	539,556	86.76	299,511	86.79	164,333	143.93	75,297	144.17
<b>2007</b> .....	501,278	88.38	295,440	88.05	161,928	147.81	51,963	146.41
<b>2008</b> .....	516,979	89.92	213,881	89.46	179,279	150.41	84,486	150.38
<b>2009</b> .....	500,340	85.46	249,996	85.15	164,893	144.40	99,234	144.30
<b>2010</b> .....	530,617	88.48	287,973	88.49	148,793	149.38	87,475	149.38
<b>2011</b> .....	461,681	106.19	231,041	106.15	108,139	179.14	74,259	178.91
<b>2012</b> .....	465,807	112.60	257,409	112.64	65,446	187.89	39,725	184.17
<b>2013</b> .....	362,569	120.26	137,958	118.38	35,430	198.06	29,839	197.86
<b>2014</b> .....	282,114	154.80	93,113	150.33	15,745	258.41	5,885	254.93
<b>2015</b>								
<b>Jan</b> .....	20,118	185.96	3,772	-	1,713	316.44	489	314.87
<b>Feb</b> .....	17,490	-	3,877	-	2,248	315.66	392	313.36
<b>Mar</b> .....	15,658	194.84	6,497	195.49	439	323.06	1,036	322.17
<b>Apr</b> .....	16,124	200.47	10,340	200.71	2,583	335.93	1,592	336.09
<b>May</b> .....	17,265	202.34	8,760	201.65	1,605	336.80	919	336.59
<b>Jun</b> .....	27,111	199.19	6,865	204.00	8,890	332.19	2,155	333.52
<b>Jul</b> .....	35,998	190.00	8,577	185.00	3,563	310.06	1,505	309.39
<b>Aug</b> .....	28,398	181.01	6,570	180.75	2,315	306.27	1,031	307.26
<b>Sep</b> .....	46,628	182.50	11,880	180.91	2,027	288.56	1,331	288.58
<b>Oct</b> .....	28,279	179.50	6,770	-	1,720	283.91	350	281.50
<b>Nov</b> .....	21,838	161.97	8,662	162.92	1,070	272.79	933	274.33
<b>Dec</b> .....	25,290	162.91	6,472	157.90	1,850	264.75	428	266.63
<b>Annual</b> .....	<b>300,197</b>	<b>185.52</b>	<b>89,042</b>	<b>185.48</b>	<b>30,023</b>	<b>307.20</b>	<b>12,161</b>	<b>307.03</b>
<b>2016p</b>								
<b>Jan</b> .....	25,364	178.49	6,936	179.40	3,271	296.45	2,472	296.91
<b>Feb</b> .....	24,137	-	8,570	-	2,813	289.62	814	290.61
<b>Mar</b> .....	19,334	168.94	14,432	168.41	1,258	279.93	1,347	278.80
<b>Apr</b> .....	19,888	166.50	9,576	-	4,810	273.34	1,376	273.85
<b>May</b> .....	21,154	151.40	6,775	162.22	2,842	264.43	1,851	268.01
<b>Jun</b> .....	34,231	158.90	6,321	-	6,012	254.25	796	248.50
<b>Jul</b> .....	31,243	145.83	11,163	-	4,477	245.83	1,310	243.61
<b>Aug</b> .....	54,749	141.09	17,643	-	5,038	239.77	4,387	239.07
<b>Sep</b> .....	40,345	130.39	12,464	133.47	5,290	218.67	3,889	216.89
<b>Oct</b> .....	33,435	132.95	17,018	130.58	4,266	219.76	3,124	221.96
<b>Nov</b> .....	27,616	143.37	21,464	142.75	3,843	237.65	5,240	236.96
<b>Dec</b> .....	19,137	154.24	6,182	149.25	1,416	259.16	400	251.32
<b>Annual</b> .....	<b>350,633</b>	<b>152.01</b>	<b>138,544</b>	<b>152.30</b>	<b>45,336</b>	<b>256.57</b>	<b>27,006</b>	<b>255.54</b>

Source: "Red Meat Market Information", Agriculture and Agri-Food Canada, Canfax

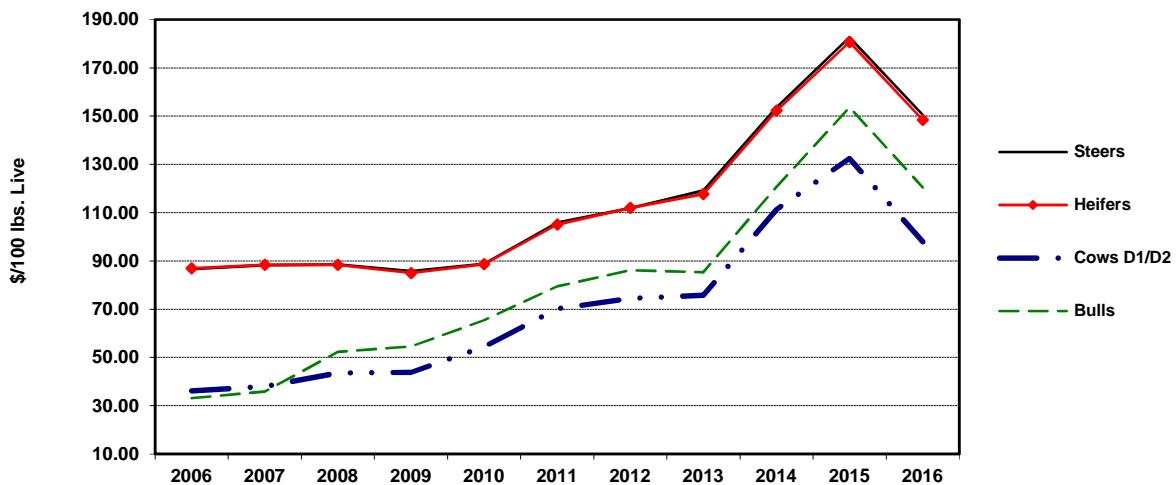
Table 58: Alberta Slaughter Cattle Prices, 2006-2016

	Slaughter Steers (1)	Slaughter Heifers (1)	Cows D1/D2	Cows D3	Feeder Cows	Bulls
\$/100 lbs. Live						
2006.....	86.66	86.98	36.13	28.74	38.30	33.13
2007.....	88.32	88.34	38.06	31.14	39.37	35.85
2008.....	88.57	88.44	43.56	36.73	45.5	52.33
2009.....	85.75	84.97	43.86	38.33	45.85	54.58
2010.....	88.73	88.64	54.49	48.64	57.03	65.47
2011.....	105.83	105.04	70.21	62.04	75.62	79.45
2012.....	111.91	111.99	74.46	66.45	78.91	86.12
2013.....	119.19	117.66	75.84	67.81	76.60	85.28
2014.....	153.67	152.35	111.38	99.03	113.84	120.76
2015.....	182.71	180.75	132.45	118.03	139.69	153.63
2016 Jan.....	178.10	177.13	108.60	96.35	114.40	130.56
Feb.....	172.82	171.56	106.06	93.41	111.16	131.72
Mar.....	167.93	166.40	105.23	94.36	108.48	131.07
Apr.....	165.38	163.10	101.42	88.74	109.85	129.27
May.....	158.70	159.37	100.61	90.27	107.05	126.27
Jun.....	151.60	148.39	99.63	89.09	107.08	124.13
Jul.....	147.27	145.18	96.55	86.10	105.32	121.12
Aug.....	142.21	140.74	100.57	88.60	102.66	123.82
Sep.....	130.77	130.21	92.07	81.66	96.33	117.01
Oct.....	132.76	131.96	88.10	78.44	92.46	108.20
Nov.....	143.26	141.40	84.90	76.12	93.60	101.15
Dec.....	154.19	-	91.70	82.04	99.29	102.21
Annual.....	150.57	148.50	97.95	87.10	103.97	120.54

(1) Weighted average of weekly prices.

Source: Canfax

Fig. 29 Alberta Slaughter Cattle Prices, 2006-2016



Source: Canfax

Table 59: Average Feeder Cattle Prices (1), Northern Alberta,  
2004-2016

	Feeder Steers				Feeder Heifers			
	800 to +900 lbs.	700 to 900 lbs.	600 to 800 lbs.	500 to 700 lbs.	700 to +800 lbs.	600 to 800 lbs.	500 to 700 lbs.	400 to 600 lbs.
	\$/100 lbs. Live				\$/100 lbs. Live			
2004.....	80.21	83.93	88.95	95.53	78.14	81.24	84.74	88.35
2005.....	98.87	104.78	110.75	117.73	97.44	101.23	105.70	110.99
2006.....	100.24	106.36	113.04	121.11	100.42	105.34	110.94	117.76
2007.....	92.88	97.26	102.34	108.64	90.09	93.32	97.04	101.64
2008.....	88.95	92.24	96.06	100.47	84.93	86.32	88.58	91.32
2009.....	91.74	96.34	101.75	107.48	88.90	92.23	95.11	98.25
2010.....	96.31	102.09	107.87	115.02	94.57	98.29	102.83	108.07
2011.....	116.43	123.68	131.17	140.62	115.31	120.70	127.41	135.40
2012.....	127.61	134.95	144.03	154.00	125.77	131.81	139.34	148.31
2013.....	127.49	133.63	140.36	148.19	122.97	126.96	131.71	137.82
2014.....	187.40	200.28	212.23	228.69	184.76	195.72	206.95	219.67
2015 Jan.....	226.88	238.97	252.75	269.72	220.44	234.35	247.49	269.88
Feb.....	225.84	235.00	251.96	280.79	221.81	235.60	252.85	277.83
Mar.....	225.03	239.89	260.82	290.88	225.36	242.36	262.69	290.19
Apr.....	229.26	246.58	276.30	305.75	235.48	252.93	274.44	301.25
May.....	229.50	246.25	274.63	301.17	233.33	247.88	271.08	293.58
Jun.....	-	255.50	277.67	307.50	236.00	252.94	277.00	299.97
Jul.....	240.25	259.50	277.88	303.60	237.38	255.50	277.50	292.50
Aug.....	254.50	258.63	275.75	307.38	247.83	261.58	282.17	294.63
Sep.....	247.97	262.45	274.21	289.13	245.27	252.71	267.20	278.92
Oct.....	234.31	245.71	253.44	264.05	233.22	234.92	242.06	255.77
Nov.....	221.26	229.50	239.22	250.95	217.67	220.21	230.54	245.58
Dec.....	197.89	203.81	213.96	229.28	193.66	198.85	210.52	224.17
Annual.....	<b>230.24</b>	<b>243.48</b>	<b>260.72</b>	<b>283.35</b>	<b>228.95</b>	<b>240.82</b>	<b>257.96</b>	<b>277.02</b>
2016 Jan.....	214.50	220.45	230.94	245.57	203.04	209.19	220.10	234.96
Feb.....	195.90	204.76	218.77	245.14	190.09	200.71	215.17	233.80
Mar.....	182.93	192.58	208.45	230.38	179.80	191.20	206.12	224.12
Apr.....	165.28	178.86	197.54	218.61	164.50	174.02	186.69	201.99
May.....	161.88	175.94	193.19	211.08	159.42	171.29	178.85	189.92
Jun.....	161.25	175.67	185.25	195.00	157.83	171.50	180.81	186.81
Jul.....	164.63	172.50	189.00	199.50	157.81	169.25	176.92	185.67
Aug.....	170.00	178.46	187.50	198.20	165.45	170.06	176.00	184.67
Sep.....	164.13	171.21	178.63	182.15	159.60	162.91	166.00	170.96
Oct.....	155.43	160.58	166.44	171.07	150.35	145.69	148.38	152.17
Nov.....	162.49	167.68	171.76	177.56	152.77	153.10	156.13	159.92
Dec.....	163.89	168.52	173.91	183.02	157.94	160.00	164.13	169.35
Annual.....	<b>171.86</b>	<b>180.60</b>	<b>191.78</b>	<b>204.77</b>	<b>166.55</b>	<b>173.24</b>	<b>181.28</b>	<b>191.20</b>

(1) Simple average prices.

Source: Canfax

Table 60: Average Feeder Cattle Prices (1), Southern Alberta, 2004-2016

	Feeder Steers				Feeder Heifers			
	+900 lbs.	800 to 900 lbs.	700 to 800 lbs.	600 to 700 lbs.	+800 lbs.	700 to 800 lbs.	600 to 700 lbs.	500 to 600 lbs.
	\$/100 lbs. Live				\$/100 lbs. Live			
2004.....	79.29	83.26	87.36	92.81	77.48	80.20	83.82	88.05
2005.....	98.83	105.22	110.94	118.13	99.43	102.96	107.77	113.23
2006.....	100.79	107.16	113.68	121.59	101.14	106.00	111.76	118.29
2007.....	93.09	98.17	103.61	109.85	91.81	94.60	98.40	102.92
2008.....	89.20	92.35	96.31	100.89	86.21	87.83	89.72	92.39
2009.....	92.10	96.86	102.35	108.49	90.39	93.49	96.91	99.43
2010.....	96.36	102.67	108.31	115.25	95.90	99.06	103.81	108.00
2011.....	116.50	123.74	131.17	140.51	115.81	121.38	128.01	135.69
2012.....	128.17	135.74	143.47	155.27	125.93	132.73	140.55	149.28
2013.....	128.51	133.60	140.09	147.91	123.27	127.23	131.41	137.37
2014.....	186.96	198.73	211.68	227.28	182.16	195.03	206.24	221.16
2015 Jan.....	227.67	242.50	249.19	269.00	220.00	236.00	248.75	277.50
Feb.....	223.50	238.00	251.44	279.25	221.83	234.50	254.75	280.50
Mar.....	224.70	242.21	261.42	287.63	223.83	244.31	264.82	290.75
Apr.....	231.06	245.00	275.13	304.00	235.00	248.69	271.38	297.33
May.....	232.81	246.31	269.75	301.50	227.50	245.00	275.42	294.13
Jun.....	239.00	256.83	-	300.25	236.63	258.00	272.50	300.88
Jul.....	237.48	252.50	283.75	299.75	239.19	251.91	278.75	296.25
Aug.....	244.63	264.13	274.74	305.83	246.02	255.38	277.36	302.60
Sep.....	247.33	264.22	274.38	287.83	244.90	254.92	267.10	287.10
Oct.....	236.50	243.50	254.31	265.32	230.50	235.13	243.14	256.91
Nov.....	220.25	230.28	238.98	249.51	-	222.83	232.89	245.44
Dec.....	-	200.00	213.25	220.38	200.50	188.00	199.50	224.59
Annual.....	<b>233.18</b>	<b>243.79</b>	<b>258.76</b>	<b>280.85</b>	<b>229.63</b>	<b>239.56</b>	<b>257.20</b>	<b>279.50</b>
2016 Jan.....	215.75	222.67	227.75	241.33		209.17	220.25	237.13
Feb.....	192.50	213.67	220.44	242.24	192.88	200.31	215.19	230.81
Mar.....	186.31	194.39	210.90	234.65	182.20	188.78	207.25	225.32
Apr.....	166.75	178.63	196.08	218.92	162.27	174.82	185.30	195.74
May.....	156.63	176.63	189.22	207.00	156.63	169.33	180.38	190.88
Jun.....	162.65	174.17	195.50	212.42	157.44	171.33	182.00	188.00
Jul.....	166.71	171.33	190.75	200.00	159.44	171.00	172.75	183.00
Aug.....	173.54	180.17	186.10	194.50	165.83	172.08	173.25	174.00
Sep.....	160.25	167.75	179.00	184.00	160.56	165.74	166.57	169.13
Oct.....	156.25	157.63	163.43	170.90	146.58	147.18	149.45	151.65
Nov.....	162.83	164.05	170.91	177.34	152.07	152.05	156.00	160.60
Dec.....	163.38	168.25	172.25	181.67	156.72	156.50	160.00	167.21
Annual.....	<b>171.96</b>	<b>180.78</b>	<b>191.86</b>	<b>205.41</b>	<b>162.97</b>	<b>173.19</b>	<b>180.70</b>	<b>189.46</b>

(1) Simple average prices.

Source: Canfax

Table 61: Average Calf Prices (1), Northern Alberta, 2004-2016

	Feeder Steer Calves			Feeder Heifer Calves	
	500 to 600 lbs.	400 to 500 lbs.	Under 400 lbs.	400 to 500 lbs.	300 to 400 lbs.
	\$/100 lbs. Live			\$/100 lbs. Live	
2004.....	100.89	105.67	108.64	92.13	95.18
2005.....	124.28	130.53	133.57	116.11	119.07
2006.....	130.77	139.49	144.30	124.75	129.71
2007.....	115.31	121.02	123.93	106.37	109.80
2008.....	105.26	108.88	110.58	94.40	95.14
2009.....	113.08	118.00	120.12	102.41	104.70
2010.....	122.10	129.45	133.45	113.23	115.86
2011.....	152.03	164.34	172.52	144.62	151.52
2012.....	167.62	180.06	189.61	159.13	167.11
2013.....	157.62	167.06	176.38	144.56	150.86
2014.....	244.28	263.00	279.29	235.60	248.92
2015 Jan.....	297.35	327.25	358.75	293.81	309.92
Feb.....	306.10	336.13	371.08	301.44	328.48
Mar.....	317.36	345.92	369.33	314.54	332.96
Apr.....	329.38	349.40	372.25	326.15	335.93
May.....	326.06	344.69	346.25	320.46	326.00
Jun.....	324.13	340.50	-	311.67	312.50
Jul.....	317.31	335.92	335.50	294.50	310.00
Aug.....	323.00	343.31	377.38	321.03	328.00
Sep.....	306.63	347.25	384.56	304.92	339.33
Oct.....	284.59	323.73	361.83	283.79	315.25
Nov.....	275.55	313.82	363.72	273.24	314.38
Dec.....	253.71	288.25	348.42	248.25	284.13
Annual.....	<b>305.10</b>	<b>333.01</b>	<b>362.64</b>	<b>299.48</b>	<b>319.74</b>
2016 Jan.....	271.50	301.92	318.44	254.46	275.23
Feb.....	268.85	294.80	312.04	250.19	263.50
Mar.....	254.31	273.53	287.80	237.33	243.32
Apr.....	230.80	242.70	258.58	214.33	225.08
May.....	221.42	227.50	225.50	194.44	195.75
Jun.....	205.67	221.75	217.25	196.25	197.00
Jul.....	210.19	216.67	213.88	189.33	190.00
Aug.....	200.88	208.55	213.00	187.28	201.00
Sep.....	188.45	195.94	206.59	180.38	189.68
Oct.....	175.72	187.63	205.24	162.24	172.70
Nov.....	186.14	200.20	218.27	170.05	179.51
Dec.....	196.60	217.31	235.08	185.90	195.54
Annual.....	<b>217.54</b>	<b>232.38</b>	<b>242.64</b>	<b>201.85</b>	<b>210.69</b>

(1) Simple average prices.

Source: Canfax

Table 62: Average Calf Prices (1), Southern Alberta, 2004-2016

	Feeder Steer Calves			Feeder Heifer Calves	
	500 to 600 lbs.	400 to 500 lbs.	Under 400 lbs.	400 to 500 lbs.	300 to 400 lbs.
	\$/100 lbs. Live			\$/100 lbs. Live	
2004.....	97.47	102.96	106.04	91.63	97.25
2005.....	124.47	130.16	134.30	118.90	121.74
2006.....	129.82	136.81	143.28	124.66	129.80
2007.....	116.74	120.23	123.23	107.12	111.47
2008.....	105.03	108.17	109.77	95.12	96.50
2009.....	113.65	118.08	120.98	103.37	105.34
2010.....	121.42	129.93	133.88	114.58	117.54
2011.....	150.56	163.23	174.29	144.07	152.39
2012.....	168.68	182.13	193.02	161.66	172.41
2013.....	156.71	167.99	176.87	143.59	147.26
2014.....	243.86	261.66	286.66	233.18	248.55
2015					
Jan.....	-	-	-	292.00	305.00
Feb.....	310.50	333.50	338.00	303.75	324.00
Mar.....	320.96	333.97	-	320.00	-
Apr.....	325.58	347.75	-	325.00	328.00
May.....	325.00	344.25	-	310.13	-
Jun.....	325.67	329.00	-	310.00	-
Jul.....	318.67	331.50	-	305.50	306.75
Aug.....	326.00	347.75	379.75	325.50	347.50
Sep.....	316.74	324.83	368.85	315.95	326.10
Oct.....	283.70	318.33	358.39	282.63	310.77
Nov.....	271.15	315.62	361.34	271.49	311.64
Dec.....	248.92	291.88	331.13	247.65	279.00
Annual.....	<b>306.63</b>	<b>328.94</b>	<b>356.24</b>	<b>300.80</b>	<b>315.42</b>
2016					
Jan.....	274.00	301.50	320.00	254.25	279.00
Feb.....	269.25	280.00	306.50	254.50	268.75
Mar.....	250.70	280.75	241.00	242.58	237.00
Apr.....	227.32	224.89	267.50	-	-
May.....	220.44	217.33	216.13	196.83	-
Jun.....	212.25	219.00	216.50	190.50	188.75
Jul.....	205.75	213.50	198.50	-	-
Aug.....	196.00	202.00	209.50	193.50	-
Sep.....	190.38	-	205.34	179.13	189.25
Oct.....	177.15	189.07	200.69	163.45	173.83
Nov.....	185.69	201.45	211.01	170.59	177.05
Dec.....	196.17	210.50	230.25	185.06	193.50
Annual.....	<b>217.09</b>	<b>230.91</b>	<b>235.24</b>	<b>203.04</b>	<b>213.39</b>

(1) Simple average prices.

Source: Canfax

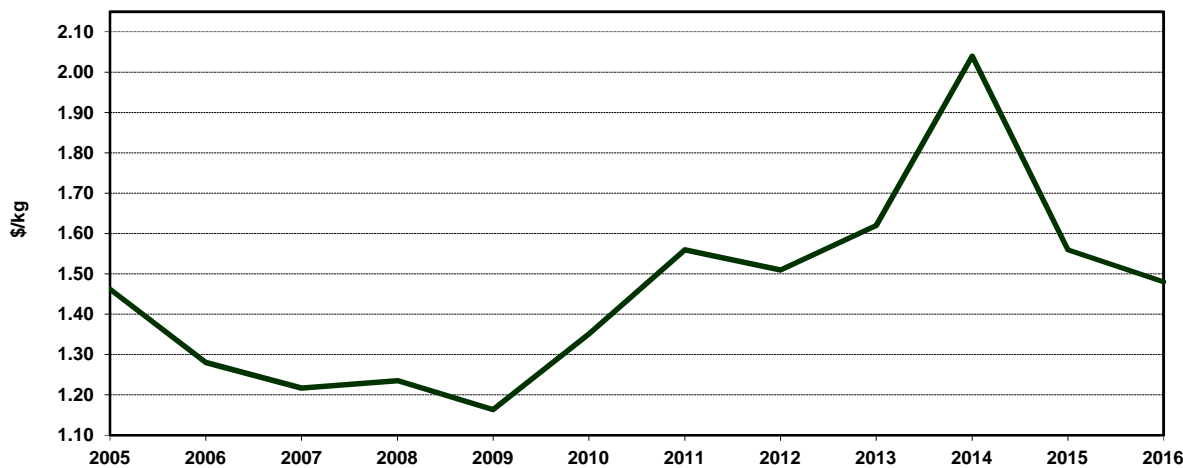


Table 63: Alberta Average Slaughter Hog Prices (Index 100),  
2005-2016

	Annual Average		Monthly Average			
	Price	% Chg.	Price		% Chg.	
			2015	2016	'16/'15	
	\$/kg	%	\$/kg		%	
2005.....	1.46	-11.9	Jan.....	1.58	1.39	-11.9
2006.....	1.28	-12.4	Feb.....	1.40	1.58	12.9
2007.....	1.22	-4.9	Mar.....	1.42	1.53	7.7
2008.....	1.24	1.5	Apr.....	1.37	1.51	10.0
2009.....	1.16	-5.8	May.....	1.73	1.73	0.0
2010.....	1.35	16.1	Jun.....	1.76	1.84	4.9
2011.....	1.56	15.5	Jul.....	1.76	1.78	1.0
2012.....	1.51	-3.2	Aug.....	1.81	1.52	-15.9
2013.....	1.62	7.3	Sep.....	1.68	1.35	-19.5
2014.....	2.04	25.9	Oct.....	1.68	1.16	-30.8
2015.....	1.56	-23.5	Nov.....	1.33	1.08	-18.9
2016.....	1.48	-5.1	Dec.....	1.28	1.28	-0.1

Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 30 Alberta Average Slaughter Hog Prices (Index 100), 2005-2016



Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 64: Central Alberta Average Market Lamb Prices (95-115 lbs.) (1), 2005-2016

	Annual Average Price	Monthly Average Price	
	\$/100 lbs.	2015 2016	
		\$/100 lbs.	
2005.....	109.75	Jan.....	189.74 168.18
2006.....	123.37	Feb.....	177.92 160.54
2007.....	116.86	Mar.....	183.02 169.86
2008.....	119.23	Apr.....	188.70 169.48
2009.....	124.62	May.....	199.56 171.76
2010.....	135.23	Jun.....	208.85 193.90
2011.....	172.42	Jul.....	192.62 200.83
2012.....	139.36	Aug.....	190.44 195.36
2013.....	107.05	Sep.....	193.79 206.26
2014.....	148.43	Oct.....	190.13 197.44
2015.....	191.15	Nov.....	188.26 193.32
2016.....	185.15	Dec.....	190.50 191.90

Note: Plant price converted to live weight equivalent.

(1) Simple average prices.

Source: Alberta Agriculture and Forestry, Statistics and Data Development Section

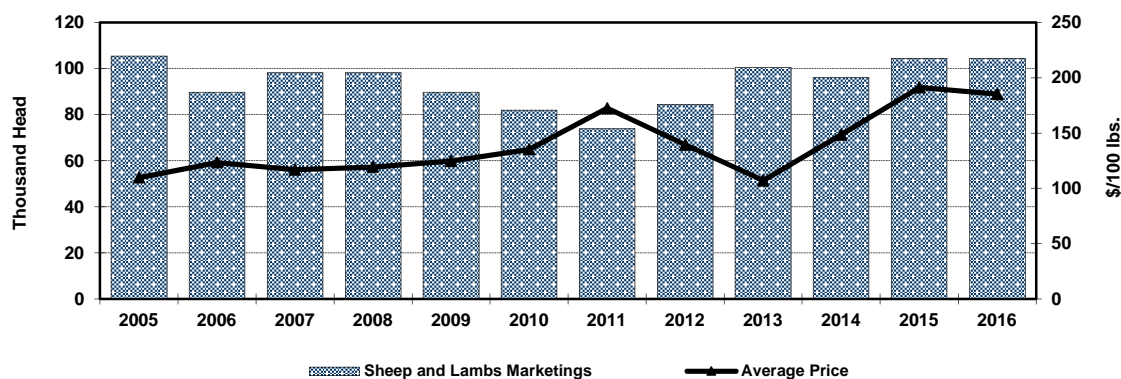
Table 65: Alberta Sheep and Lamb Marketings (1), 2005-2016

Total Sheep and Lambs		Total Sheep and Lambs	
Head		Head	
2005.....	105,400	2011.....	73,900
2006.....	89,700	2012.....	84,400
2007.....	98,200	2013.....	100,400
2008.....	98,200	2014.....	96,100
2009.....	89,700	2015r.....	104,500
2010.....	81,900	2016p.....	104,500

(1) Estimate from Alberta's sheep and lamb balance sheets. These data represent sheep and lambs of Alberta origin slaughtered in Alberta and Canadian provinces.

Source: Statistics Canada

Fig. 31 Alberta Sheep and Lamb Marketings and Average Market Lamb Price, 2005-2016



Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 66: Alberta Brand Inspection Record of Live Cattle and Calf Shipments Out-of-Province (1), 2015 and 2016

	B.C.		Saskatchewan		Manitoba		Ontario		Quebec	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
<b>Head</b>										
<b>Feeders.....</b>	<b>8,137</b>	<b>4,400</b>	<b>64,140</b>	<b>46,936</b>	<b>9,861</b>	<b>6,350</b>	<b>58,599</b>	<b>56,264</b>	<b>3,864</b>	<b>3,037</b>
Bulls.....	433	123	4,187	3,689	201	34	63	99	43	21
Cows.....	1,577	701	5,983	4,318	386	39	367	70	438	170
Heifers.....	2,374	1,282	21,833	12,092	4,145	2,309	3,616	5,775	619	287
Steers.....	2,244	417	13,889	15,796	2,755	2,396	23,845	21,642	2,452	1,468
Calves.....	741	697	9,341	3,740	1,957	1,166	19,130	18,623	17	813
Yearlings.....	768	1,180	8,907	7,301	417	406	11,578	10,055	295	278
<b>Slaughter.....</b>	<b>5,224</b>	<b>5,991</b>	<b>20,855</b>	<b>15,500</b>	<b>2,875</b>	<b>1,148</b>	<b>1,805</b>	<b>304</b>	<b>193</b>	<b>103</b>
Bulls.....	371	376	8,285	7,098	908	690	0	0	14	7
Cows.....	4,311	4,953	12,195	8,143	1,937	457	26	0	152	89
Heifers.....	216	175	137	123	6	1	26	0	25	7
Steers.....	247	360	238	133	24	0	804	89	2	0
Calves.....	0	0	0	0	0	0	0	0	0	0
Yearlings.....	79	127	0	3	0	0	949	215	0	0
<b>Replacement.....</b>	<b>2,871</b>	<b>1,967</b>	<b>9,136</b>	<b>14,835</b>	<b>1,627</b>	<b>1,141</b>	<b>620</b>	<b>470</b>	<b>671</b>	<b>725</b>
Bulls.....	626	448	923	1,083	71	59	34	29	31	32
Cows.....	1,224	618	4,213	6,242	666	506	363	165	611	662
Heifers.....	532	739	2,775	6,154	435	264	113	210	24	31
Calves.....	489	162	1,225	1,356	455	312	110	66	5	0
<b>All Classes.....</b>	<b>16,232</b>	<b>12,358</b>	<b>94,131</b>	<b>77,271</b>	<b>14,363</b>	<b>8,639</b>	<b>61,024</b>	<b>57,038</b>	<b>4,728</b>	<b>3,865</b>
<b>Head</b>										
	Maritimes		United States		Other		Total			
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
<b>Feeders.....</b>	<b>71</b>	<b>0</b>	<b>43,793</b>	<b>20,596</b>	<b>5</b>	<b>15</b>	<b>188,470</b>	<b>137,598</b>		
Bulls.....	0	0	0	9	0	0	4,927	3,975		
Cows.....	70	0	89	0	0	0	8,910	5,298		
Heifers.....	0	0	21,898	10,831	5	0	54,490	32,576		
Steers.....	0	0	11,696	4,141	0	0	56,881	45,860		
Calves.....	0	0	1,058	1,612	0	0	32,244	26,651		
Yearlings.....	1	0	9,052	4,003	0	15	31,018	23,238		
<b>Slaughter.....</b>	<b>0</b>	<b>0</b>	<b>170,796</b>	<b>255,591</b>	<b>0</b>	<b>3</b>	<b>201,748</b>	<b>278,640</b>		
Bulls.....	0	0	2	0	0	3	9,580	8,174		
Cows.....	0	0	0	0	0	0	18,621	13,642		
Heifers.....	0	0	56,771	95,266	0	0	57,181	95,572		
Steers.....	0	0	108,724	135,714	0	0	110,039	136,296		
Calves.....	0	0	0	0	0	0	0	0		
Yearlings.....	0	0	5,299	24,611	0	0	6,327	24,956		
<b>Replacement.....</b>	<b>10</b>	<b>62</b>	<b>962</b>	<b>554</b>	<b>64</b>	<b>66</b>	<b>15,961</b>	<b>19,820</b>		
Bulls.....	4	4	230	200	5	13	1,924	1,868		
Cows.....	0	36	347	102	3	0	7,427	8,331		
Heifers.....	4	3	269	143	50	45	4,202	7,589		
Calves.....	2	19	116	109	6	8	2,408	2,032		
<b>All Classes.....</b>	<b>81</b>	<b>62</b>	<b>215,551</b>	<b>276,741</b>	<b>69</b>	<b>84</b>	<b>406,179</b>	<b>436,058</b>		

(1) Shipments exclude unclassified animals.

Source: Livestock Identification Services Ltd.

Table 67: Registrations and Sales of Registered Horses in Alberta, 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Registration by Breed Association - Head</b>										
Arabian.....	258	229	221	202	128	187	212	157	-	369
Appaloosa.....	133	85	52	45	108	63	86	45	48	17
Morgan.....	218	161	158	122	104	82	89	86	64	57
Paint.....	873	862	783	605	538	458	564	499	469	404
Quarter Horse.....	5,269	5,856	4,915	4,237	3,944	3,441	3,366	3,538	3,102	2,848
Standardbred.....	377	322	288	203	197	137	147	168	192	-
Thoroughbred.....	500	484	411	353	257	260	252	206	233	266
Draft.....	180	232	152	200	166	177	173	163	129	173
Other .....	723	539	394	373	298	241	324	384	261	248
Warmblood (2).....	-	268	219	210	89	205	181	100	175	168
<b>Total (3).....</b>	<b>9,313</b>	<b>9,933</b>	<b>8,518</b>	<b>6,550</b>	<b>5,829</b>	<b>5,251</b>	<b>5,394</b>	<b>5,346</b>	<b>4,673</b>	<b>4,550</b>
<b>Ownership Transfers - Head</b>										
Arabian (1).....	311	232	350	216	175	218	185	197	-	-
Appaloosa.....	122	91	77	77	73	53	50	46	29	34
Morgan.....	282	200	207	154	135	168	143	85	96	113
Paint.....	-	-	-	-	-	-	-	-	-	-
Quarter Horse.....	5,450	5,517	4,642	4,642	3,892	3,772	3,450	3,468	3,577	3,304
Standardbred.....	-	-	-	-	-	-	-	-	-	-
Thoroughbred.....	-	-	-	-	-	-	-	-	-	-
Draft.....	189	226	167	180	183	219	244	142	101	192
Other .....	924	514	452	453	398	433	462	338	427	543
Warmblood (2).....	-	302	296	248	118	324	294	182	290	270
<b>Total (3).....</b>	<b>7,199</b>	<b>7,449</b>	<b>7,452</b>	<b>7,278</b>	<b>4,974</b>	<b>5,187</b>	<b>4,828</b>	<b>4,458</b>	<b>4,520</b>	<b>4,456</b>

(1) Part breed transfers are not recorded (except when made at time of registration).

(2) Warmblood figures included in "Other" up to 2007.

(3) Transfer totals do not include Standardbreds, Thoroughbreds and Paints.

Source: Alberta Agriculture and Forestry, Food Safety and Technology Division, Animal Health and Assurance Branch, Livestock Traceability Section; and Breed Registries

Table 68: Alberta Horse Meat Exports by Destination (1), 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014r	2015r	2016p
<b>tonnes</b>										
Japan.....	3,939	3,164	3,056	2,189	2,387	2,660	2,678	2,773	3,288	3,308
France.....	3,455	3,760	3,869	2,681	2,363	2,352	1,727	2,024	1,969	1,696
Switzerland.....	1,041	1,039	1,331	1,197	1,103	917	1,117	1,172	1,487	801
Vietnam.....	0	-	6	-	8	-	24	52	24	102
Belgium.....	36	105	666	1,846	1,279	1,141	586	401	148	102
Other Countries.....	1,267	1,924	1,586	797	286	1,741	2,179	2,230	2	64
<b>Total.....</b>	<b>9,738</b>	<b>9,991</b>	<b>10,514</b>	<b>8,709</b>	<b>7,426</b>	<b>8,811</b>	<b>8,312</b>	<b>8,652</b>	<b>6,919</b>	<b>6,072</b>
<b>Value - \$'000</b>										
Japan.....	16,803	16,926	18,571	14,735	13,992	17,058	17,919	20,350	24,556	26,868
France.....	16,551	19,937	22,407	14,904	13,026	12,008	9,067	13,495	13,292	12,817
Switzerland.....	9,760	11,155	12,944	11,224	10,909	9,157	11,585	12,180	12,628	10,298
Vietnam.....	348	321	2,296	6,121	3,116	2,996	1,660	1,563	307	576
Belgium.....	0	-	52	-	24	-	41	152	76	305
Other Countries.....	4,249	4,347	4,028	2,177	840	4,717	5,843	6,085	31	184
<b>Total.....</b>	<b>47,711</b>	<b>52,685</b>	<b>60,299</b>	<b>49,160</b>	<b>41,908</b>	<b>45,935</b>	<b>46,115</b>	<b>53,825</b>	<b>50,891</b>	<b>51,049</b>

(1) Refers to fresh or chilled and frozen horse meat and may include some meat of asses and mules.

Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 69: Alberta Game Farming Industry, 2007-2016

	Licenced Game Farms	Farms With Elk	Elk on Farms	Farms With Deer	Whitetail Deer on Farms	Mule Deer on Farms	Reindeer on Farms
	Number						
2007.....	414	319	27,047	81	5,543	112	156
2008.....	406	312	22,992	77	4,584	99	139
2009.....	355	290	19,983	65	3,434	92	84
2010.....	335	265	16,543	52	2,630	50	85
2011.....	292	235	15,772	40	2,145	39	60
2012.....	239	212	13,327	34	1,540	19	47
2013.....	212	192	12,872	25	1,344	16	49
2014.....	196	171	13,008	25	988	1	26
2015.....	188	168	12,007	20	928	0	30
2016p.....	195	159	12,164	22	1,026	0	24

Source: Alberta Agriculture and Forestry, Animal Health and Assurance Branch, Inspection and Investigation Section

Table 70: Alberta Dairy Industry, 2011-2016

	2011	2012	2013	2014	2015	2016p
Number of Milk Producers.....	593	586	574	556	540	529
Milk Production ('000 litres).....	660,059	679,935	653,530	668,400	701,242	732,337
Average Daily Shipment Per Milk Producer (litres).....	3,050	3,177	3,122	3,293	3,555	3,791
	2011	2012	2013	2014r	2015r	2016p
	\$'000					
Farm Cash Receipts - Dairy Products.....	504,142	520,665	514,937	530,455	544,106	561,055
<b>Manufacturing Sales of Dairy Products</b>						
Total Dairy Products .....	x	x	893,347	753,297	734,886	1,559,823
Dairy Products (Except Frozen).....	1,145,759	1,178,628	865,173	x	x	x
Fluid Milk Manufacturing .....	x	x	x	x	x	x
Butter, Cheese, Dry and Condensed Products.....	x	x	x	x	x	x
Ice Cream and Frozen Desert Products.....	x	x	28,174	x	x	x
<b>Total International Exports of Dairy Products.....</b>	<b>1,731</b>	<b>4,933</b>	<b>531</b>	<b>3,504</b>	<b>283</b>	<b>820</b>

Note: Use preliminary numbers (p) with caution.

Source: Alberta Milk; Statistics Canada, CANSIM Database Table Numbers 002-0001, 301-0006, 301-0008 and 304-0015; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 71: Output and Value of Poultry Meats, Alberta, 2005-2016

	Total Production		Consumed by Producers		Sold	
	tonnes	\$'000	tonnes	\$'000	tonnes	\$'000
Stewing Hen and Chicken						
2005.....	87,712	142,378	265	435	87,447	141,943
2006.....	88,150	138,493	430	733	87,721	137,760
2007.....	89,888	152,800	418	647	89,470	152,154
2008.....	90,622	172,983	404	704	90,218	172,279
2009.....	91,128	177,365	384	687	90,744	176,678
2010.....	95,121	178,120	373	632	94,748	177,488
2011.....	96,692	207,663	355	687	96,337	206,975
2012.....	98,444	220,204	347	681	98,097	219,522
2013.....	98,482	224,448	365	746	98,116	223,702
2014r.....	99,060	216,145	372	740	98,689	215,405
2015r.....	107,191	226,841	393	745	106,798	226,096
2016p.....	112,556	237,086	403	763	112,154	236,323
Turkey						
2005.....	13,035	23,892	35	64	13,000	23,828
2006.....	13,242	23,738	29	52	13,213	23,686
2007.....	13,997	27,872	29	58	13,968	27,814
2008.....	16,200	36,016	30	67	16,170	35,949
2009.....	13,330	29,312	29	65	13,301	29,247
2010.....	13,317	27,068	28	57	13,288	27,011
2011.....	14,636	32,783	27	61	14,609	32,722
2012.....	15,824	37,661	27	63	15,797	37,598
2013.....	16,265	38,983	27	66	16,238	38,917
2014r.....	15,475	36,472	26	61	15,449	36,411
2015r.....	15,995	37,296	27	63	15,968	37,233
2016p.....	16,686	38,643	28	64	16,658	38,579
Total Stewing Hen, Chicken and Turkey						
2005.....	100,747	166,270	300	499	100,447	165,771
2006.....	101,392	162,231	459	785	100,934	161,446
2007.....	103,885	180,672	447	705	103,438	179,968
2008.....	106,822	208,999	434	771	106,388	208,228
2009.....	104,458	206,677	413	752	104,045	205,925
2010.....	108,438	205,188	401	689	108,036	204,499
2011.....	111,328	240,446	382	748	110,946	239,697
2012.....	114,268	257,865	374	744	113,894	257,120
2013.....	114,747	263,431	393	812	114,354	262,620
2014r.....	114,537	252,617	398	801	114,139	251,816
2015r.....	123,187	264,137	420	808	122,766	263,329
2016p.....	129,242	275,729	431	828	128,811	274,901

Source: Statistics Canada, CANSIM Database Table Number 003-0018

Table 72: Production, Disposition and Value of Eggs, Alberta, 2005-2016

	Production		Disposition						
	Average No. of Layers	Dozens	Sold (Includes Exports)				Leakers and Rejects	Producer Use for Consump.	Value
			For		For				
			Consumption	Value	Hatching	Value			
'000	'000	'000 doz.	\$'000	'000 doz.	\$'000	'000 doz.	'000 doz.	\$'000	
2005.....	2,323	47,357	39,399	43,051	6,640	24,285	922	396	488
2006.....	2,308	48,261	40,634	44,121	6,265	22,676	942	420	530
2007.....	2,339	48,049	40,129	44,350	6,589	26,282	936	396	504
2008.....	2,337	48,769	40,889	53,503	6,507	27,843	952	420	589
2009.....	2,290	48,479	41,122	52,966	5,990	26,205	946	420	573
2010.....	2,367	50,779	43,320	53,901	6,050	26,410	989	420	552
2011.....	2,411	51,421	44,155	61,872	5,832	28,152	1,002	432	635
2012.....	2,422	54,939	47,627	70,414	5,795	28,984	1,073	444	687
2013.....	2,432	56,912	49,410	79,776	5,924	31,465	1,110	468	791
2014.....	2,517	57,863	50,338	79,587	5,918	30,221	1,127	480	792
2015.....	2,630	60,936	52,843	80,898	6,400	32,539	1,189	504	809
2016p Jan.....	2,699	5,260	4,644	7,069	470	2,385	103	43	68
Feb.....	2,702	5,228	4,547	7,292	536	2,721	102	43	72
Mar.....	2,719	5,319	4,645	7,386	526	2,672	104	43	72
Apr.....	2,720	5,294	4,635	7,369	513	2,620	103	43	72
May.....	2,762	5,347	4,668	7,422	531	2,738	104	43	72
Jun.....	2,784	5,416	4,700	7,473	567	2,921	106	43	72
Jul.....	2,852	5,508	4,757	7,549	600	3,122	107	43	72
Aug.....	2,853	5,487	4,725	7,466	611	3,179	107	43	72
Sep.....	2,809	5,349	4,674	7,372	527	2,711	104	43	71
Oct.....	2,798	5,429	4,734	7,445	547	2,810	106	43	70
Nov.....	2,857	5,556	4,782	7,522	623	3,182	108	43	70
Dec.....	2,883	5,507	4,803	7,554	554	2,830	107	43	70
Annual.....	2,786	64,699	56,316	88,919	6,606	33,891	1,261	516	853

Source: Statistics Canada, CANSIM Database Table Numbers 003-0020 and 003-0022

Table 73: Chickens Slaughtered in Registered Stations, Alberta, 2004-2016

	Under 1 kg	1 to 2 kg	2 kg	Total
			and Over	
Eviscerated Weight - tonnes				
2004.....	8	93,018	57	93,083
2005.....	19	85,287	30	85,337
2006.....	33	84,853	70	84,956
2007.....	41	86,975	48	87,063
2008.....	36	86,111	33	86,181
2009.....	39	87,969	36	88,043
2010.....	36	91,148	15	91,199
2011.....	31	90,223	0	90,255
2012.....	31	90,479	412	90,922
2013.....	34	90,544	465	91,043
2014.....	43	91,460	29	91,531
2015.....	42	98,706	108	98,855
2016p.....	44	103,907	22	103,972

Source: Agriculture and Agri-Food Canada





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# Alberta Crops in 2016

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## The 2016 Crop Season

Although the 2016 crop season in Alberta started out with a dry spring, crop growing conditions were mainly favorable for producers. Precipitation early in the season was appropriate and timely to produce above average yields. However, persistent wet and cold weather conditions from mid-August to November delayed the harvest season, which was one of the longest on record. Excessive soil moisture was an issue and affected crop quality.

A quick snow melt in spring provided the opportunity for an early start to seeding. Fall seeded crops emerged from the winter with 80 per cent rated as good to excellent and 20 per cent poor to fair. Surface soil moisture condition at the beginning of May was reported as 11 per cent poor, 45 per cent fair, 33 per cent good and 11 per cent excellent. By the end of May, seeding was practically completed across the province, one week ahead of the 5-year average. Also, precipitation in the last two weeks of May proved timely in improving surface and sub-surface soil moisture ratings. Poor to fair pasture conditions remained dominant in May, but improved to eight per cent poor, 38 per cent fair, 41 per cent good and 13 per cent excellent by the end of May, which then remained generally good to excellent for the rest of the season.

Warmer weather in June was beneficial to crops and forages across the province and enhanced crop emergence with 91 per cent emerged in the first week of June. Precipitation was highly variable across the province in June, from near excessive amounts of 150 to 250 per cent of normal in the Peace Region, to above average levels of 100 to 200 per cent in North West, to below average of 50 to 100 per cent in the North East, and to dry conditions in the Central and South Regions at 35 to 50 per cent of normal. Crop conditions as of June 28 was rated as 79 per cent good to excellent, compared to 30 per cent in the same week in 2015, and the 5-year average (2011-2015) of 73 per cent.

In July, warmer temperatures prevailed across the province, but persistent showery weather continued in most regions, affecting crop conditions particularly, in the Central and North East Regions. The initial yield estimate by the end of July indicated that the provincial yield index was up 9.2 index points from the 5-year average, due to above average crop growing conditions. On the flip side, haying progress was impacted negatively by precipitation. At the end of July, only 65 per cent of first cut hay was baled (compared with the 5-year average of 70 per cent). The hay quality was also poor with 59 per cent rated good to excellent, compared to the 5-year average of 70 per cent. Also, the surface soil moisture was higher than the 5-year average.

Persistent wet weather continued to affect the province during the month of August. As a result of the unsettled weather, harvest progress was minimal. Harvest of winter cereals, dry peas and barley began in the first week of August, with very little progress through the rest of the month. Estimates of yield showed an improvement with the provincial yield index up 11.1 index points from the 5-year average, as of August 23. Surface and sub-surface soil moisture by the end of August reflected the effects of the continuing precipitation. As well, the wet conditions impacted pasture conditions negatively and deteriorated the quality of second cut hay. Harvest challenges continued into September, driven by wet weather conditions. Producers were able to make some progress in the last two weeks of the month, as warm, dry weather blanketed much of the province. By the end of September, harvest was behind in all regions, compared to 2015.

Compared to the long term normal (since 1960), most areas in Alberta experienced more snow in October than is typical. In fact, harvest came to a halt, due to snow flattening crops and covering swaths. Nevertheless, producers took full advantage of a few days of good weather in between, to push the provincial harvest percentage up to 76 per cent by the first of November, compared to 95 per cent last year. Excess soil moisture continued to be problematic, especially, for the North West Region (where the surface soil moisture was rated as 59 per cent excellent and 41 per cent excessive) and Peace Region (where the surface soil moisture was rated as 19 per cent excellent and 24 per cent excessive). Even so, benefiting from the wet conditions were fall seeded crops which continued to flourish, with over 86 per cent rated as good or excellent.

A combination of snow, cool and wet weather conditions in the month of November made the 2016 harvest season one of the longest on record. Some producers began their harvest operations in the first week of August and did not complete until the end of November. By the end of November, there were still some crops left in the field, particularly in the Northern Regions. Provincially, 10 per cent of crops remained unharvested as of November 29, 2016. Despite the harvest challenges for crops across the province, the dryland yield index was still 14.1 per cent above the 5-year average and resulted in an above average crop production year. However, crop quality for cereals were below their 5-year averages, with the exception of malt barley which was higher. Compared to the 10-year averages, 2016 saw a drop in the top two grades for most crops. The decline was largely attributed to fewer crops being qualified as of number 1 quality. Crop quality for canola number 1 and the top two grades of dry peas were in line with the 5-year averages.

## Insects and Crop Diseases

The major issue in 2016 was cutworms which mostly affected canola and to a lesser degree other crops. Pea leaf weevil was a big concern for producers in Central and Southern Alberta. Flea beetles were also once again an issue, but not as big a problem as in 2015. Aphids in lentils were an issue for Southern Alberta.

## Forage and Pasture

The season began with poor pasture conditions. As of May 3, conditions were reported as 30 per cent poor, 34 per cent fair, 32 per cent good and four per cent excellent. The poor to fair situation remained dominant in May, but changed to eight per cent poor, 38 per cent fair, 41 per cent good and 13 per cent excellent as of May 31. After this, pasture conditions remained generally good to excellent for the rest of the season. However, too much precipitation and excessive soil moisture from the end of August caused pasture conditions to somewhat deteriorate. In some areas, by October 25, conditions were reported as nine per cent poor, 25 per cent fair, 56 per cent good and ten per cent excellent.

By mid-August, first cut dryland hay was 85 per cent complete, with an average provincial yield of 1.6 tons per acre. For irrigated hay, the percentage was much higher, with 98 per cent complete and a yield of 2.1 tons per acre. The quality of first cut hay was rated as 55 and 56 per cent good to excellent, respectively, for dryland and irrigated hay. As of September 20, the average yield for second cut hay was 1.2 tons per acre for dryland and 1.5 tons per acre for irrigated hay. Some producers even had a third cut of irrigated hay, with yield averaging 1.0 ton per acre.

## Alberta Crop Production

Based on Statistics Canada November estimate, total production of principal field crops (including forages) in Alberta in 2016 totaled 34.0 million tonnes, up 24.4 per cent from a year earlier. Excluding forages, production totaled 24.6 million tonnes, an increase of 16.0 per cent from 2015. In either case, this is the highest production on record after 2013. Although producers were challenged with a wet and cold harvest season, crop production in 2016 was 21.1 per cent higher than the 10-year average (2006-2015), while forage production was up 10.9 per cent, resulting in an overall increase of 18.1 per cent in total production. As well, the provincial average yields were higher than in 2015 and the 10-year averages. However, the wet, cold weather and a long harvest season impacted crop quality which was generally below average. While the total seeded area of principal field crops increased 0.6 per cent, harvested area declined 1.5 per cent.

In 2016, total production of spring wheat increased 10.3 per cent, to 8.0 million tonnes. The higher production stemmed from an increase in average yield (up 26.1 per cent) compensating for a decline in harvested area (down 12.1 per cent). The provincial average yield was 59.5 bushels per acre, with harvested area at 5.0 million acres. Durum wheat production increased 94.0 per cent, to a record of 1.6 million tonnes, due to a 42.9 per cent increase in harvested area to 1.2 million acres. The average yield was up 35.7 per cent from 2015, to 50.6 bushels per acre. Overall, production of all wheat was 9.9 million tonnes, an increase of 19.4 per cent from a year earlier.

Total barley production increased 2.5 per cent from 2015 to 4.4 million tonnes. The average yield increased 13.3 per cent to 77.7 bushels per acre, while harvested area was down 9.4 per cent to 2.6 million acres.

Total oats production increased by 58.8 per cent, to 624,600 tonnes, due to an increase in both yield and harvested area. Harvested area was up 25.0 per cent to 425,000 acres, while average yield rose 27.1 per cent to 95.3 bushels per acre.

Total canola production fell 1.2 per cent to 5.8 million tonnes. This was attributed to a lower harvested area of 5.5 million acres (down 11.0 per cent from 2015), despite average yield increasing 11.3 per cent, to 46.4 bushel per acre, a new record high.

In 2016, dry peas production jumped 72.8 per cent to a record 2.3 million tonnes, due to a higher yield of 46.1 bushel per acre (up 35.6 per cent from 2015) and harvested area (up 27.5 per cent).

Lentils production reached a new high of 506,200 tonnes (up 187.0 per cent from 2015), as a result of a 97.9 per cent increase in harvested area and a 44.9 per cent increase in the average yield, to 1,993 pounds per acre.

## Alberta Forage Production

Total tame hay production in Alberta in 2016 rose 53.8 per cent from a year earlier, to 9.4 million tonnes, based on the Statistics Canada report "Production of Principal Field Crops, December, 2016". The marked increase was attributed to higher production of fodder corn and tame hay. Fodder corn production jumped 38.2 per cent to 1.5 million tonnes. For tame hay, production was estimated at 7.5 million tonnes, up 57.3 per cent from 2015, and 4.7 per cent above the 10-year average (2006-2015). Driving most of the gain was a significant increase in yield. The average yield of tame hay was up 53.8 per cent to 2.0 tonnes per acre, while harvested area rose 4.0 per cent, to 4.4 million acres.

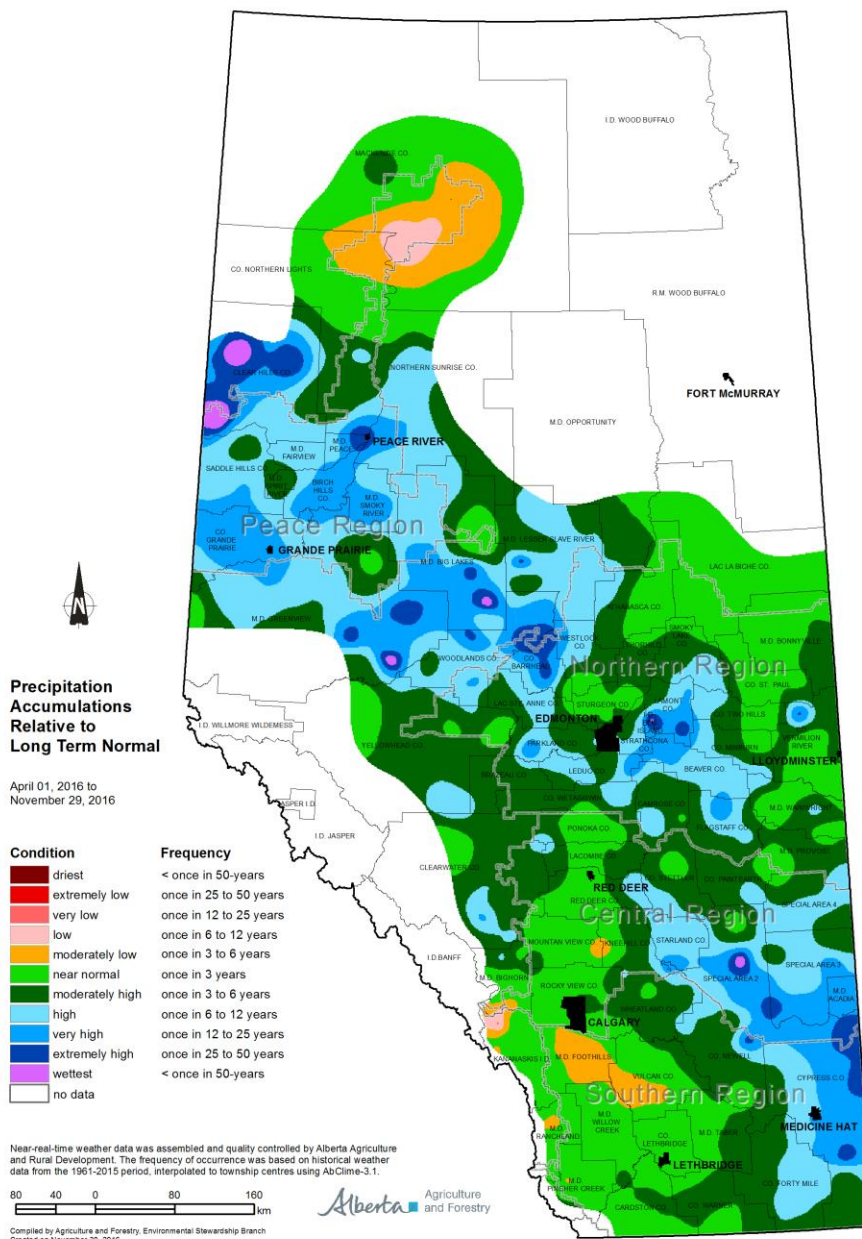
Based on a survey conducted by the Statistics and Data Development Section of Alberta Agriculture and Forestry, total greenfeed production in the province increased 10.0 per cent from 2015, to 1.04 million tonnes. The increase was attributed to a 69.0 per cent increase in the average yield to 3.7 tonnes per acre despite harvested area falling 34.9 per cent. Total silage production was estimated at 2.7 million tonnes, up 26.2 per cent from 2015. Driving the gain was a 49.7 per cent increase in the average yield to 6.57 tonnes per acre, which more than offset the 15.7 per cent decline in harvested area.

Greenfeed harvested area fell 34.9 per cent to 285,227 acres, while silage acreage declined by 15.7 per cent to 405,954 acres. Compared to 2015, producers harvested less greenfeed and silage mainly because of the significant increase in hay production and swath grazing, due to the long, cold and wet harvest season. Just to caution, data for the 2016 survey was collected in mid-October, when some producers still did not have a very good idea about the harvest season, and as such, there could be revisions in the acreages.

## Crop Prices and Marketings

Local and international market prices for wheat, oats and canola in 2016 were up from 2015. In Alberta, the average price of all wheat increased 2.6 per cent to \$6.34 per bushel, while the average price for oats increased by 3.7 per cent to \$2.83 per bushel. For canola, the average price was estimated at \$10.67 per bushel, up 2.8 per cent from 2015. With respect to marketings, year-over-year changes varied substantially among major crops. The average price for barley decreased to \$4.26 per bushel, down 6.2 per cent from 2015. Marketings for total wheat and barley in 2016 decreased to 8.1 and 1.2 million tonnes, respectively, while oats was down to 165,700 tonnes. Marketings for these cereals remained lower than the 5-year average (2011-2015). For canola, total marketings increased to 6.0 million tonnes, 4.7 per cent above 2015, and up 13.9 per cent from the 5-year average of 5.3 million tonnes. Marketings for lentils more than doubled from 2015 to 299,800 tonnes (up 107.0 per cent) and were 241.0 per cent above than the 5-year average. For dry peas and dry beans, total marketing increased 63.0 and 25.9 per cent, respectively, to 1.8 million tonnes and 39,400 tonnes.

Map: Precipitation Accumulation Relative to 1961-2016 Normal, April 01, 2016 to November 29, 2016



Source: Alberta Agriculture and Forestry, Environmental Stewardship Branch, Engineering and Climate Services Section. Created on November 29, 2016

Table 74: Major Crop Production, Canada and Provinces, 2007-2016

	Canada	Alberta	Sask.	Manitoba	British Columbia	Ontario	Quebec	Atlantic Provinces
<b>All Wheat - '000 tonnes</b>								
2007.....	20,090.4	6,076.1	9,094.8	3,211.4	48.6	1,442.4	173.7	43.4
2008.....	28,619.2	8,736.2	12,342.3	4,280.9	46.7	3,003.2	149.5	60.4
2009.....	26,949.9	7,440.7	12,993.5	4,144.9	71.2	2,108.5	148.5	42.6
2010.....	23,299.6	8,201.3	9,566.3	3,250.9	43.7	2,038.5	157.0	41.9
2011.....	25,288.0	8,839.6	11,525.8	2,228.9	121.6	2,407.9	116.0	48.2
2012.....	27,205.2	8,368.8	12,727.3	3,923.0	96.0	1,883.4	160.0	46.7
2013.....	37,529.6	11,301.8	18,298.3	5,160.0	151.8	2,391.5	183.3	42.9
2014.....	29,419.6	9,348.9	14,158.1	3,797.5	109.4	1,750.0	204.5	51.2
2015.....	27,594.1	8,290.0	13,044.5	4,218.3	134.9	1,551.3	281.5	73.6
2016p.....	31,728.6	9,898.2	14,548.5	4,217.5	139.6	2,541.9	310.0	72.9
<b>Oats - '000 tonnes</b>								
2007.....	4,618.4	627.4	2,317.9	1,204.5	60.1	87.9	280.0	40.6
2008.....	4,272.6	541.3	2,267.1	1,116.6	33.9	67.9	205.0	40.8
2009.....	2,911.5	308.4	1,465.1	771.1	33.9	79.8	220.0	33.2
2010.....	2,451.4	647.7	771.1	616.9	35.5	75.6	263.0	41.6
2011.....	3,157.6	738.7	1,582.3	431.8	86.4	64.4	223.0	31.0
2012.....	2,829.6	518.2	1,326.3	601.5	66.3	60.9	220.0	36.4
2013.....	3,905.6	601.5	2,328.7	590.7	85.9	75.6	189.0	34.2
2014.....	2,979.0	542.9	1,557.6	524.4	51.8	70.9	191.5	39.9
2015.....	3,427.7	393.3	1,927.8	595.3	58.0	154.2	249.0	50.1
2016p.....	3,146.8	624.6	1,653.3	502.8	56.3	64.8	200.0	45.0
<b>Barley - '000 tonnes</b>								
2007.....	10,909.8	5,114.3	3,853.7	1,195.3	75.1	217.7	308.0	145.7
2008.....	11,785.8	5,447.5	4,594.0	1,121.3	50.9	191.6	258.0	122.5
2009.....	9,528.2	3,840.7	4,080.2	958.0	45.7	236.2	276.0	91.4
2010.....	7,627.2	4,528.7	1,937.7	487.7	30.2	267.8	270.0	105.1
2011.....	7,891.5	4,668.0	2,438.5	261.3	64.2	161.1	196.0	102.4
2012.....	8,012.3	4,463.3	2,351.4	618.3	55.8	165.5	234.0	124.0
2013.....	10,237.1	5,545.4	3,411.7	705.4	85.8	134.6	221.0	133.2
2014.....	7,119.0	4,131.3	2,172.9	354.9	42.7	151.3	163.5	102.4
2015.....	8,225.7	4,289.2	2,863.1	566.1	67.5	158.9	168.0	112.9
2016p.....	8,783.6	4,398.0	3,374.7	540.0	58.8	130.6	175.0	106.5
<b>Flaxseed - '000 tonnes</b>								
2007.....	633.5	16.3	511.8	105.4	-	-	-	-
2008.....	861.1	33.0	666.8	161.3	-	-	-	-
2009.....	914.9	28.4	708.7	177.8	-	-	-	-
2010.....	418.5	30.5	311.2	76.8	-	-	-	-
2011.....	398.9	54.7	289.6	54.6	-	-	-	-
2012.....	488.9	41.9	381.0	66.0	-	-	-	-
2013.....	730.7	73.7	584.2	72.8	-	-	-	-
2014.....	872.5	87.6	706.2	78.7	-	-	-	-
2015.....	942.3	83.8	787.4	71.1	-	-	-	-
2016p.....	579.1	54.6	473.7	50.8	-	-	-	-
<b>Canola - '000 tonnes</b>								
2007.....	9,611.1	3,401.9	4,154.9	1,950.4	47.6	37.8	18.5	-
2008.....	12,644.9	4,322.7	5,629.1	2,576.4	31.8	49.9	35.0	-
2009.....	12,898.1	3,628.7	6,259.6	2,891.7	49.9	44.7	23.5	-
2010.....	12,788.6	4,740.0	5,692.6	2,215.8	39.7	75.5	25.0	-
2011.....	14,608.1	5,347.9	7,348.2	1,746.3	56.0	73.7	36.0	-
2012r.....	13,868.5	5,097.2	6,486.4	2,100.1	82.8	61.2	33.0	7.8
2013r.....	18,551.0	6,168.9	9,178.4	3,025.5	88.7	49.9	33.5	6.1
2014.....	16,410.1	5,796.9	7,971.9	2,510.6	71.9	31.3	27.5	-
2015r.....	18,376.5	5,851.3	9,536.8	2,857.6	70.8	34.0	26.0	-
2016p.....	18,423.6	5,783.3	9,752.2	2,744.2	81.6	32.3	30.0	-

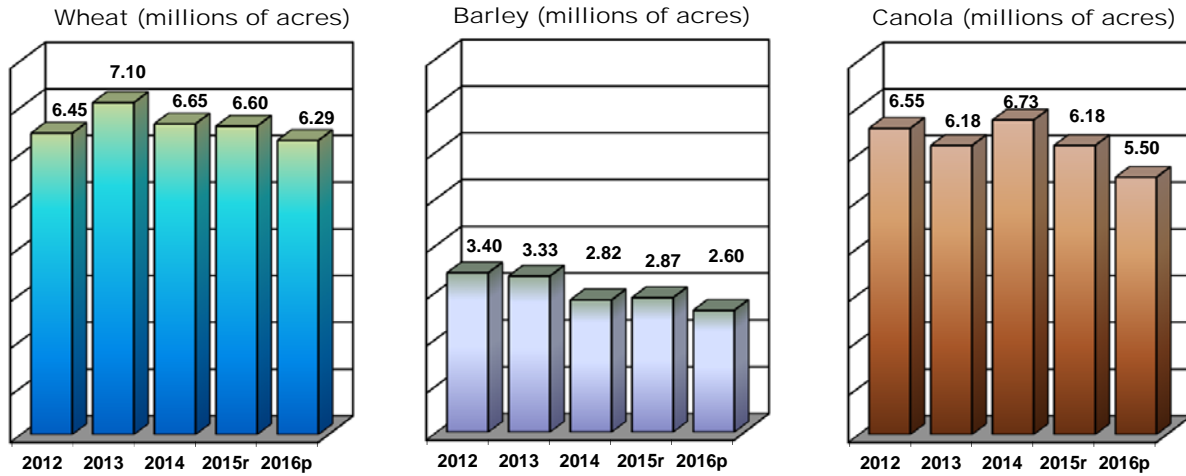
Source: Statistics Canada, CANSIM Database Table Number 001-0010; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 75: Acreage and Production of Principal Field Crops, Prairie Provinces and Canada, 2016

	Alberta	Sask.	Manitoba	Canada	Alberta	Sask.	Manitoba
	Seeded Acres - '000				% of Canada		
<b>All Wheat</b> .....	6,705.0	12,140.0	2,965.0	23,277.9	28.8	52.2	12.7
Winter Wheat.....	185.0	240.0	170.0	1,617.6	11.4	14.8	10.5
Spring Wheat.....	5,335.0	6,870.0	2,790.0	15,404.3	34.6	44.6	18.1
Durum Wheat.....	1,170.0	5,020.0	0.0	6,190.0	18.9	81.1	-
<b>Oats</b> .....	720.0	1,380.0	375.0	2,834.3	25.4	48.7	13.2
<b>Barley</b> .....	3,200.0	2,475.0	360.0	6,390.1	50.1	38.7	5.6
<b>Fall Rye</b> .....	65.0	135.0	100.0	405.9	16.0	33.3	24.6
<b>Mixed Grains</b> .....	105.0	30.0	15.0	286.1	36.7	-	-
<b>Flaxseed</b> .....	70.0	780.0	85.0	935.0	7.5	83.4	9.1
<b>Canola</b> .....	5,950.0	11,100.0	3,155.0	20,367.1	29.2	54.5	15.5
<b>Corn for Grain</b> .....	25.0	-	345.0	3,324.6	0.8	-	10.4
<b>Peas, Dry</b> .....	1,845.0	2,180.0	165.0	4,239.0	43.5	51.4	3.9
<b>Lentils</b> .....	575.0	5,285.0	0.0	5,860.0	9.8	90.2	-
<b>Mustard Seed</b> .....	135.0	390.0	0.0	525.0	25.7	74.3	-
<b>Beans, Dry</b> .....	45.0	0.0	117.0	277.0	16.2	-	42.2
<b>Triticale</b> .....	30.0	60.0	0.0	90.0	33.3	66.7	-
<b>Fodder Corn</b> .....	110.0	50.0	90.0	686.8	16.0	7.3	13.1
<b>Tame Hay</b> .....	4,825.0	4,500.0	1,935.0	16,498.5	29.2	27.3	11.7
	Harvested Acres - '000				% of Canada		
<b>All Wheat</b> .....	6,290.0	11,310.0	2,920.0	21,938.0	28.7	51.6	13.3
Winter Wheat.....	185.0	240.0	170.0	1,617.6	11.4	14.8	10.5
Spring Wheat.....	4,955.0	6,370.0	2,750.0	14,470.4	34.2	44.0	19.0
Durum Wheat.....	1,150.0	4,700.0	0.0	5,850.0	19.7	80.3	-
<b>Oats</b> .....	425.0	1,140.0	335.0	2,211.7	19.2	51.5	15.1
<b>Barley</b> .....	2,600.0	2,220.0	340.0	5,492.9	47.3	40.4	6.2
<b>Fall Rye</b> .....	42.0	120.0	90.0	313.6	13.4	38.3	28.7
<b>Mixed Grains</b> .....	20.0	10.0	7.0	142.6	14.0	-	-
<b>Flaxseed</b> .....	64.0	690.0	82.0	836.0	7.7	82.5	9.8
<b>Canola</b> .....	5,500.0	10,440.0	3,105.0	19,197.1	28.7	54.4	16.2
<b>Corn for Grain</b> .....	18.0	0.0	330.0	3,273.4	0.5	-	10.1
<b>Peas, Dry</b> .....	1,810.0	2,150.0	160.0	4,166.0	43.4	51.6	3.8
<b>Lentils</b> .....	560.0	5,180.0	0.0	5,740.0	9.8	90.2	-
<b>Mustard Seed</b> .....	132.0	365.0	0.0	497.0	26.6	73.4	-
<b>Beans, Dry</b> .....	45.0	0.0	112.0	272.0	16.5	-	41.2
<b>Triticale</b> .....	13.0	30.0	0.0	43.0	30.2	69.8	-
<b>Fodder Corn</b> .....	85.0	35.0	83.0	631.3	13.5	5.5	13.1
<b>Tame Hay</b> .....	4,395.0	3,990.0	1,790.0	15,140.5	29.0	26.4	11.8
	Production - '000 tonnes				% of Canada		
<b>All Wheat</b> .....	9,898.2	14,548.5	4,217.5	31,728.6	31.2	45.9	13.3
Winter Wheat.....	318.4	381.0	322.5	3,513.0	9.1	10.8	9.2
Spring Wheat.....	7,995.9	7,989.6	3,895.0	20,453.8	39.1	39.1	19.0
Durum Wheat.....	1,583.9	6,177.9	0.0	7,761.8	20.4	79.6	-
<b>Oats</b> .....	624.6	1,653.3	502.8	3,146.8	19.8	52.5	16.0
<b>Barley</b> .....	4,398.0	3,374.7	540.0	8,783.6	50.1	38.4	6.1
<b>Fall Rye</b> .....	49.5	152.9	129.8	407.6	12.1	37.5	31.8
<b>Mixed Grains</b> .....	24.9	10.2	6.5	164.5	15.1	-	-
<b>Flaxseed</b> .....	54.6	473.7	50.8	579.1	9.4	81.8	8.8
<b>Canola</b> .....	5,783.3	9,752.2	2,744.2	18,423.6	31.4	52.9	14.9
<b>Corn for Grain</b> .....	63.5	0.0	1,168.5	13,193.1	0.5	-	8.9
<b>Peas, Dry</b> .....	2,271.2	2,346.1	164.2	4,835.9	47.0	17.8	1.2
<b>Lentils</b> .....	506.2	2,742.0	0.0	3,248.2	15.6	84.4	-
<b>Mustard Seed</b> .....	71.6	162.3	0.0	233.9	30.6	69.4	-
<b>Beans, Dry</b> .....	54.7	0.0	79.9	229.0	23.9	-	34.9
<b>Triticale</b> .....	19.6	34.3	0.0	53.9	36.4	63.6	-
<b>Fodder Corn</b> .....	1,542.2	580.6	1,424.3	11,371.6	13.6	5.1	12.5
<b>Tame Hay</b> .....	7,819.9	5,338.8	3,302.2	27,564.0	28.4	19.4	12.0

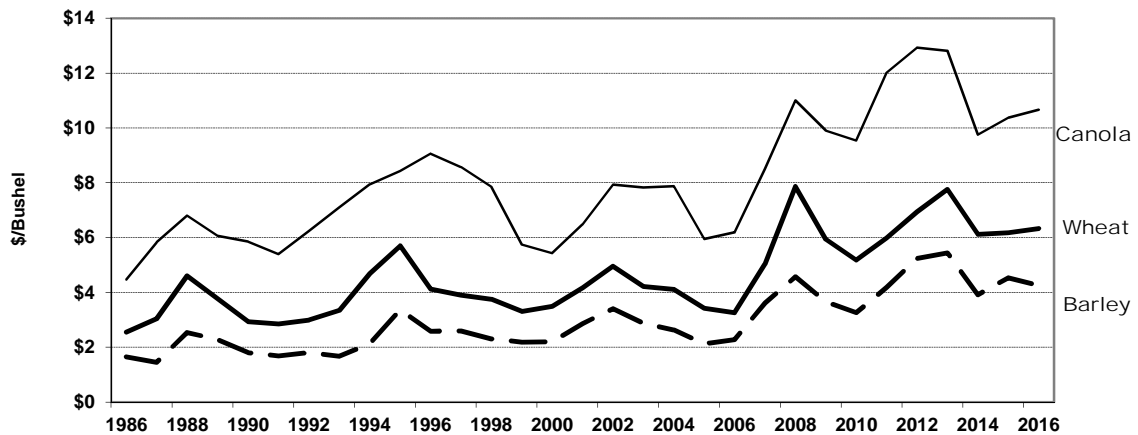
Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 32 Harvested Acreage of Alberta Wheat, Barley and Canola, 2012-2016



Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Fig. 33 Price of Alberta Wheat, Barley and Canola, 1986-2016



Source: Statistics Canada; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 76: Alberta Principal Field Crops - Area, Yield and Production, 2012-2016

	2012	2013	2014	2015r	2016p	2012	2013	2014	2015r	2016p
	Seeded Acres - '000					Harvested Acres - '000				
<b>All Wheat</b> .....	6,525.0	7,180.0	6,790.0	6,850.0	6,705.0	6,445.0	7,100.0	6,645.0	6,595.0	6,290.0
Winter Wheat (1).....	130.0	155.0	170.0	150.0	185.0	130.0	140.0	170.0	150.0	185.0
Spring Wheat.....	5,800.0	6,415.0	6,045.0	5,860.0	5,335.0	5,735.0	6,365.0	5,935.0	5,640.0	4,955.0
Durum Wheat.....	580.0	600.0	550.0	820.0	1,170.0	580.0	595.0	540.0	805.0	1,150.0
<b>Oats</b> .....	640.0	580.0	670.0	670.0	720.0	420.0	410.0	455.0	340.0	425.0
<b>Barley</b> .....	3,770.0	3,650.0	3,200.0	3,350.0	3,200.0	3,400.0	3,330.0	2,820.0	2,870.0	2,600.0
<b>Fall Rye (1)</b> .....	30.0	30.0	30.0	35.0	50.0	30.0	30.0	30.0	30.0	42.0
<b>Flaxseed</b> .....	50.0	90.0	115.0	115.0	70.0	50.0	90.0	115.0	115.0	64.0
<b>Canola</b> .....	6,600.0	6,200.0	6,750.0	6,220.0	5,950.0	6,550.0	6,180.0	6,725.0	6,180.0	5,500.0
<b>Mixed Grains</b> .....	80.0	90.0	100.0	80.0	105.0	10.0	10.0	10.0	10.0	20.0
<b>Corn for Grain</b> .....	25.0	25.0	40.0	40.0	25.0	15.0	20.0	30.0	30.0	18.0
<b>Peas, Dry</b> .....	1,075.0	1,000.0	1,300.0	1,445.0	1,845.0	1,060.0	995.0	1,290.0	1,420.0	1,810.0
<b>Lentils</b> .....	85.0	100.0	110.0	285.0	575.0	83.0	95.0	108.0	283.0	560.0
<b>Mustard Seed</b> .....	95.0	95.0	135.0	90.0	135.0	93.0	92.0	133.0	88.0	132.0
<b>Beans, Dry</b> .....	45.0	40.0	55.0	40.0	45.0	43.0	40.0	53.0	38.0	45.0
<b>Fababeans</b> .....	0.0	0.0	75.0	80.0	45.0	0.0	0.0	75.0	77.0	41.0
<b>Triticale</b> .....	25.0	25.0	30.0	35.0	30.0	17.0	13.0	15.0	10.0	13.0
<b>Fodder Corn</b> .....	70.0	80.0	80.0	90.0	110.0	50.0	65.0	60.0	65.0	85.0
<b>Sugar Beets</b> .....	25.0	22.0	20.0	18.0	25.0	25.0	22.0	20.0	18.0	25.0
<b>Tame Hay</b> .....	4,950.0	4,975.0	4,900.0	4,875.0	4,825.0	4,600.0	4,520.0	4,595.0	4,225.0	4,395.0
<b>Total</b> .....	<b>24,075.0</b>	<b>24,172.0</b>	<b>24,375.0</b>	<b>24,298.0</b>	<b>24,445.0</b>	<b>22,891.0</b>	<b>23,012.0</b>	<b>23,179.0</b>	<b>22,394.0</b>	<b>22,065.0</b>

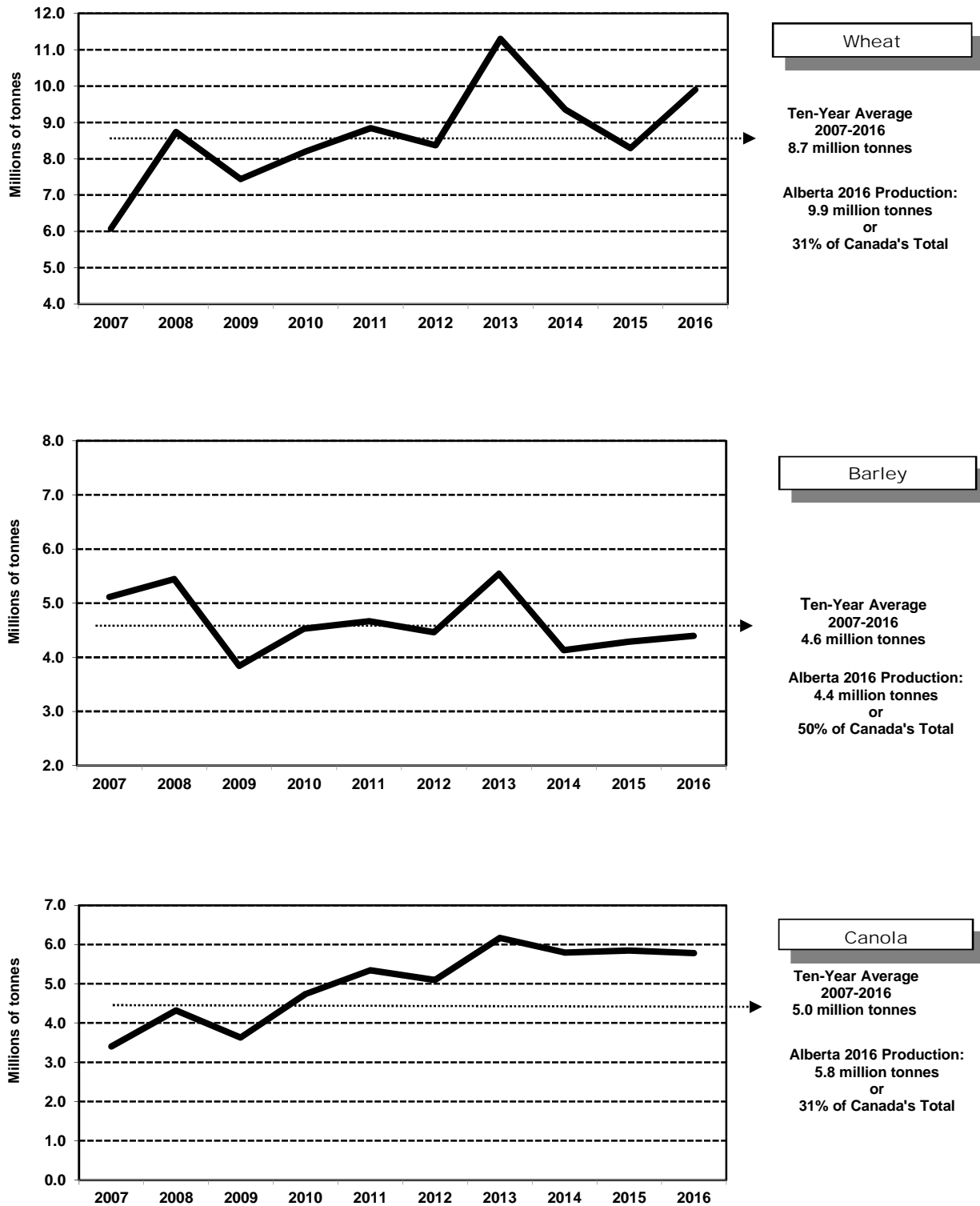
	2012	2013	2014	2015r	2016p	2012	2013	2014	2015r	2016p
	Yield Per Acre					Production - '000 tonnes				
<b>All Wheat (bu.)</b> .....	47.7	58.5	51.7	46.2	58.0	8,368.8	11,301.8	9,348.9	8,290.0	9,898.2
Winter Wheat (bu.).....	58.5	68.6	58.8	55.3	63.2	206.8	261.3	272.2	225.9	318.4
Spring Wheat (bu.).....	47.6	58.7	51.8	47.2	59.5	7,429.9	10,169.6	8,369.1	7,247.6	7,995.9
Durum Wheat (bu.).....	46.4	53.8	48.1	37.3	50.6	732.1	870.9	707.6	816.5	1,583.9
<b>Oats (bu.)</b> .....	80.0	95.1	77.4	75.0	95.3	518.2	601.5	542.9	393.3	624.6
<b>Barley (bu.)</b> .....	60.3	76.5	67.3	68.6	77.7	4,463.3	5,545.4	4,131.3	4,289.2	4,398.0
<b>Fall Rye (bu.)</b> .....	45.0	47.7	40.5	43.3	46.4	34.3	36.3	30.9	33.0	49.5
<b>Flaxseed (bu.)</b> .....	33.0	32.2	30.0	28.7	33.6	41.9	73.7	87.6	83.8	54.6
<b>Canola (bu.)</b> .....	34.3	44.0	38.0	41.7	46.4	5,097.2	6,168.9	5,796.9	5,851.3	5,783.3
<b>Mixed Grains (bu.)</b> .....	51.5	65.0	63.0	60.0	61.0	10.5	13.3	12.9	12.2	24.9
<b>Corn for Grain (bu.)</b> .....	93.3	130.0	120.0	115.0	138.9	35.6	66.0	91.4	87.6	63.5
<b>Peas, Dry (bu.)</b> .....	41.9	48.8	42.0	34.0	46.1	1,208.4	1,321.3	1,475.1	1,314.5	2,271.2
<b>Lentils (lbs.)</b> .....	1,807.0	2,558.0	1,724.0	1,375.0	1,993.0	68.1	110.3	84.4	176.4	506.2
<b>Mustard Seed (lbs.)</b> .....	850.0	892.0	985.0	800.0	1,196.0	35.9	37.2	59.4	31.9	71.6
<b>Beans, Dry (cwt.)</b> .....	22.9	26.5	27.5	27.8	26.8	44.7	48.1	66.0	47.9	54.7
<b>Fababeans (cwt.)</b> .....	-	-	31.6	23.4	29.3	-	-	107.5	81.6	54.4
<b>Triticale (bu.)</b> .....	44.1	51.2	46.0	57.0	59.2	19.1	16.9	17.5	14.5	19.6
<b>Fodder Corn (tons)</b> .....	17.3	20.0	17.3	18.9	20.0	784.7	1,179.3	943.5	1,115.8	1,542.2
<b>Sugar Beets (tons)</b> .....	26.4	30.0	32.0	30.8	32.0	598.7	598.7	580.6	503.5	725.7
<b>Tame Hay (tons)</b> .....	1.8	1.9	1.7	1.3	2.0	7,711.1	7,588.6	7,257.5	4,971.4	7,819.9
<b>Total</b> .....	...	...	...	...	...	<b>29,040.5</b>	<b>34,707.3</b>	<b>30,634.3</b>	<b>27,297.9</b>	<b>33,962.1</b>

(1) The area remaining in June after winterkill.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section



Fig. 34 Production of Alberta Wheat, Barley and Canola, 2007-2016



Source: Statistics Canada, CANSIM Database Table Number 001-0010; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 77: Alberta Major Crops - Acreage, 1965-2016

	All Wheat	Oats	Barley	Flaxseed	Canola	All Rye (1)	Total	% Chg.
Seeded Acres - '000								
1965.....	6,050	2,200	3,390	355	735	200	12,930	1.8
1966.....	6,506	2,082	3,880	347	624	172	13,611	5.3
1967.....	6,380	1,960	4,280	145	875	160	13,800	1.4
1968.....	6,460	1,960	4,650	285	450	114	13,919	0.9
1969.....	5,300	1,900	4,900	450	816	180	13,546	-2.7
1970.....	2,600	2,600	4,500	650	1,450	225	12,025	-11.2
1971.....	3,443	2,443	5,689	271	1,988	250	14,084	17.1
1972.....	4,300	2,400	5,200	170	1,300	220	13,590	-3.5
1973.....	4,700	2,500	5,300	200	1,300	240	14,240	4.8
1974.....	4,200	2,300	5,300	200	1,150	350	13,500	-5.2
1975.....	4,500	2,100	5,500	200	1,700	300	14,300	5.9
1976.....	5,600	2,300	5,700	75	750	184	14,609	2.2
1977.....	4,800	2,000	5,700	125	1,550	200	14,375	-1.6
1978.....	5,100	1,800	5,300	100	2,950	250	15,500	7.8
1979.....	5,200	1,600	4,700	250	3,500	250	15,500	0.0
1980.....	6,000	1,800	5,650	170	2,200	250	16,070	3.7
1981.....	6,700	1,800	6,550	100	1,450	300	16,900	5.2
1982.....	6,800	1,800	6,450	160	1,900	290	17,400	3.0
1983.....	7,700	1,600	5,500	60	2,500	255	17,615	1.2
1984.....	7,300	1,800	5,750	80	3,000	195	18,125	2.9
1985.....	7,600	1,850	6,150	80	2,800	200	18,680	3.1
1986.....	7,620	1,760	5,900	85	2,800	225	18,390	-1.6
1987.....	7,280	1,650	5,900	55	2,900	260	18,045	-1.9
1988.....	7,010	1,850	5,000	35	3,600	320	17,815	-1.3
1989.....	7,770	1,900	5,450	85	2,700	340	18,245	2.4
1990.....	7,770	1,600	5,450	135	2,450	290	17,695	-3.0
1991.....	7,791	1,285	5,404	71	2,982	175	17,709	0.1
1992.....	8,055	1,700	4,800	45	2,850	175	17,625	-0.5
1993.....	7,400	1,600	5,100	60	3,650	125	17,935	1.8
1994.....	6,190	1,500	4,900	70	5,000	135	17,795	-0.8
1995.....	6,730	1,200	5,150	90	4,450	115	17,735	-0.3
1996.....	7,350	1,400	5,800	35	3,150	110	17,845	0.6
1997.....	6,725	1,400	5,600	70	4,000	115	17,910	0.4
1998.....	6,810	1,350	5,200	70	4,350	145	17,925	0.1
1999.....	7,190	1,400	4,750	80	4,550	125	18,095	0.9
2000.....	7,242	1,300	5,400	35	3,800	125	17,902	-1.1
2001.....	6,940	1,400	4,900	40	2,700	130	16,110	-10.0
2002.....	6,319	1,650	5,360	50	2,950	115	16,444	2.1
2003.....	6,313	1,600	5,300	50	3,350	220	16,833	2.4
2004.....	6,330	1,450	4,720	50	3,975	165	16,690	-0.8
2005.....	6,597	1,250	4,225	80	4,300	150	16,602	-0.5
2006.....	6,489	1,269	4,095	60	4,500	210	16,624	0.1
2007.....	5,842	1,050	4,850	30	5,035	105	16,912	1.7
2008.....	6,930	850	4,150	45	5,200	100	17,275	2.1
2009.....	7,095	845	3,960	50	5,000	75	17,025	-1.4
2010.....	6,580	940	3,730	40	5,550	70	16,910	-0.7
2011.....	6,728	892	3,610	70	6,072	55	17,426	3.0
2012.....	6,525	640	3,770	50	6,600	40	17,625	1.1
2013.....	7,180	580	3,650	90	6,200	40	17,740	0.7
2014.....	6,790	670	3,200	115	6,750	40	17,565	-1.0
2015r.....	6,850	670	3,350	115	6,220	45	17,250	-1.8
2016p.....	6,705	720	3,200	70	5,950	65	16,710	-3.1

(1) Data since 2005 represent fall rye only.

Source: Statistics Canada, CANSIM Database Table Number 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 78: Alberta Major Crops - Yield, 1965-2016

	All Wheat	Oats	Barley	Flaxseed	Canola	All Rye (1)
Bushels per Acre						
1965.....	25.3	47.3	33.9	13.8	12.9	23.0
1966.....	29.4	48.5	41.0	15.9	17.6	25.0
1967.....	22.7	40.8	32.2	11.7	13.9	19.4
1968.....	25.7	48.0	38.3	15.1	16.7	21.1
1969.....	26.4	51.6	40.0	14.0	14.3	19.4
1970.....	27.7	57.1	42.0	16.3	17.6	23.1
1971.....	26.4	51.7	39.4	12.9	16.1	24.0
1972.....	27.4	56.8	44.2	15.9	18.5	23.1
1973.....	27.0	55.5	39.0	14.5	16.5	24.2
1974.....	24.3	47.1	36.9	12.5	16.3	23.7
1975.....	30.0	55.3	42.2	16.0	17.9	28.3
1976.....	32.5	58.9	45.4	16.0	19.7	28.3
1977.....	24.8	58.1	45.9	16.0	22.9	25.0
1978.....	29.8	52.4	45.1	20.0	21.0	35.2
1979.....	28.5	58.4	45.9	17.6	18.1	27.6
1980.....	33.0	63.1	50.7	19.4	22.7	28.8
1981.....	34.1	62.3	49.6	22.0	23.1	42.0
1982.....	32.4	62.9	49.5	20.0	22.6	31.0
1983.....	32.5	59.1	45.9	18.3	18.8	32.5
1984.....	24.6	53.9	41.0	15.0	20.0	27.7
1985.....	23.7	54.5	41.7	13.8	19.6	23.5
1986.....	34.9	72.3	59.5	22.4	25.0	37.3
1987.....	29.3	67.5	54.0	21.8	25.3	27.4
1988.....	27.7	73.8	57.2	22.9	24.2	20.5
1989.....	31.1	61.9	51.1	20.0	23.0	29.3
1990.....	33.1	62.6	56.3	22.2	23.1	25.7
1991.....	37.0	60.0	54.0	21.3	24.0	37.5
1992.....	30.6	56.0	51.3	18.8	21.6	31.1
1993.....	39.6	79.2	64.4	26.7	26.1	40.0
1994.....	33.8	67.0	55.2	22.9	21.8	35.0
1995.....	40.3	66.7	61.9	23.3	24.5	34.7
1996.....	39.8	66.7	61.3	22.9	25.0	31.5
1997.....	37.9	63.5	57.0	21.4	23.5	37.1
1998.....	37.1	62.5	56.5	22.1	25.3	32.1
1999.....	42.4	70.0	65.5	22.1	29.0	38.0
2000.....	37.7	71.0	56.3	20.0	26.1	33.4
2001.....	33.3	64.0	54.5	22.9	27.3	27.1
2002.....	28.2	53.3	42.0	20.0	21.6	25.4
2003.....	38.6	65.4	56.3	20.0	29.7	36.2
2004.....	45.6	76.7	65.4	25.6	34.2	40.7
2005.....	47.7	79.7	66.8	28.0	37.9	44.4
2006.....	43.3	65.0	59.5	26.0	33.7	40.9
2007.....	39.3	65.6	55.0	21.3	30.0	36.3
2008.....	46.9	70.2	66.7	28.9	36.9	45.0
2009.....	40.9	66.7	58.2	28.0	32.7	37.5
2010.....	46.9	79.2	66.6	31.6	38.0	44.4
2011.....	49.1	81.9	67.0	31.7	39.5	42.5
2012.....	47.7	80.0	60.3	33.0	34.3	45.0
2013.....	58.5	95.1	76.5	32.2	44.0	47.7
2014.....	51.7	77.4	67.3	30.0	38.0	40.5
2015r.....	46.2	75.0	68.6	28.7	41.7	43.3
2016p.....	58.0	95.3	77.7	33.6	46.4	46.4

(1) Data since 2005 represent fall rye only.

Source: Statistics Canada, CANSIM Database Table Number 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 79: Alberta Major Crops - Production, 1965-2016

	All Wheat	Oats	Barley	Flaxseed	Canola	All Rye (1)	Total	% Chg.
'000 tonnes								
1965.....	4,164.0	1,604.0	2,504.0	124.5	215.5	116.4	8,728.4	1.8
1966.....	5,198.0	1,558.0	3,462.0	139.7	249.5	109.0	10,716.2	22.8
1967.....	3,946.0	1,234.0	3,005.0	43.2	276.7	79.2	8,584.1	-19.9
1968.....	4,518.0	1,450.0	3,875.0	109.2	170.1	60.7	10,183.0	18.6
1969.....	3,810.0	1,511.0	4,267.0	160.0	265.4	89.4	10,102.8	-0.8
1970.....	1,959.0	1,804.0	4,115.0	269.3	578.3	132.2	8,857.8	-12.3
1971.....	2,477.0	1,558.0	4,877.0	88.9	725.7	152.2	9,878.8	11.5
1972.....	3,211.0	1,604.0	5,008.0	68.6	544.3	128.7	10,564.6	6.9
1973.....	3,456.0	1,712.0	4,289.0	73.7	487.6	147.2	10,165.5	-3.8
1974.....	2,776.0	1,234.0	4,180.0	63.5	424.1	210.2	8,887.8	-12.6
1975.....	3,674.0	1,450.0	4,964.0	81.3	691.7	216.0	11,077.0	24.6
1976.....	4,953.0	1,635.0	5,487.0	30.5	335.7	131.7	12,572.9	13.5
1977.....	3,239.0	1,388.0	5,443.0	50.8	805.1	126.7	11,052.6	-12.1
1978.....	4,136.0	1,172.0	4,964.0	50.8	1,406.1	223.2	11,952.1	8.1
1979.....	4,028.0	1,126.0	4,550.0	111.8	1,440.2	175.7	11,431.7	-4.4
1980.....	5,389.0	1,265.0	6,075.0	83.8	1,134.0	183.3	14,130.1	23.6
1981.....	6,221.0	1,249.0	6,967.0	55.9	759.8	319.8	15,572.5	10.2
1982.....	5,988.0	1,357.0	6,575.0	81.3	975.2	228.2	15,204.7	-2.4
1983.....	6,804.0	1,049.0	5,095.0	27.9	1,066.0	210.4	14,252.3	-6.3
1984.....	4,883.0	956.0	4,638.0	30.5	1,361.0	137.4	12,005.9	-15.8
1985.....	4,899.0	925.0	4,768.0	27.9	1,247.0	119.4	11,986.3	-0.2
1986.....	7,212.3	1,449.7	7,184.9	48.3	1,587.6	142.2	17,625.0	47.0
1987.....	5,796.6	1,249.2	6,586.2	30.5	1,667.0	121.9	15,451.4	-12.3
1988.....	5,233.4	1,650.2	5,856.8	20.3	1,973.1	99.1	14,832.9	-4.0
1989.....	6,457.4	1,480.5	5,726.2	43.2	1,406.1	152.4	15,265.8	2.9
1990.....	6,994.8	1,110.4	6,248.7	76.2	1,281.4	91.4	15,802.9	3.5
1991.....	7,772.7	786.5	5,878.6	38.1	1,621.6	76.2	16,173.7	2.3
1992.....	6,327.6	1,036.4	4,855.3	19.1	1,349.4	75.0	13,662.8	-15.5
1993.....	7,620.2	1,465.1	6,314.0	40.6	2,154.6	81.3	17,675.8	29.4
1994.....	5,592.7	1,187.5	5,464.9	40.6	2,472.1	88.9	14,846.7	-16.0
1995.....	7,266.5	771.1	6,335.8	53.3	2,449.4	66.1	16,942.2	14.1
1996.....	7,789.1	1,079.5	7,076.0	20.3	1,701.0	64.1	17,730.0	4.6
1997.....	6,839.3	979.3	6,270.5	38.1	2,109.2	66.1	16,302.5	-8.1
1998.....	6,752.3	771.1	5,660.8	39.4	2,472.1	77.5	15,773.2	-3.2
1999.....	8,219.2	863.6	5,987.4	39.4	2,971.0	72.4	18,153.0	15.1
2000.....	7,123.7	657.0	5,268.9	17.8	2,188.6	42.5	15,298.5	-15.7
2001.....	5,864.9	592.2	4,746.4	20.3	1,655.6	58.4	12,937.8	-15.4
2002.....	3,522.4	370.1	2,547.4	20.3	1,224.7	16.1	7,701.0	-40.5
2003.....	6,429.6	826.6	5,421.3	25.4	2,222.6	82.8	15,008.3	94.9
2004.....	7,571.4	828.2	5,628.2	29.2	2,925.7	77.5	17,060.2	13.7
2005.....	8,371.4	829.7	5,231.9	53.3	3,651.4	79.0	18,216.7	6.8
2006.....	7,503.4	706.3	4,404.6	36.3	3,424.6	57.2	16,132.4	-11.4
2007.....	6,076.1	627.4	5,114.3	16.3	3,401.9	36.8	15,272.8	-5.3
2008.....	8,736.2	541.3	5,447.5	33.0	4,322.7	57.2	19,137.9	25.3
2009.....	7,440.7	308.4	3,840.7	28.4	3,628.7	38.1	15,285.0	-20.1
2010.....	8,201.3	647.7	4,528.7	30.5	4,740.0	50.8	18,199.0	19.1
2011.....	8,839.6	738.7	4,668.0	54.7	5,347.9	54.0	19,702.9	8.3
2012.....	8,368.8	518.2	4,463.3	41.9	5,097.2	34.3	18,523.7	-6.0
2013.....	11,301.8	601.5	5,545.4	73.7	6,168.9	36.3	23,727.6	28.1
2014.....	9,348.9	542.9	4,131.3	87.6	5,796.9	30.9	19,938.5	-16.0
2015r.....	8,290.0	393.3	4,289.2	83.8	5,851.3	33.0	18,940.6	-5.0
2016p.....	9,898.2	624.6	4,398.0	54.6	5,783.3	49.5	20,808.2	9.9

(1) Data since 2005 represent fall rye only.

Source: Statistics Canada, CANSIM Database Table Number 001-0010; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 80: Alberta Major Crops - Unit Value, 1965-2016

	All Wheat	Oats	Barley	Flaxseed	Canola	All Rye (1)
	\$/Bushel					
1965.....	1.64	0.68	1.02	2.75	2.41	1.06
1966.....	1.73	0.67	1.03	2.75	2.47	1.09
1967.....	1.61	0.64	0.84	3.08	1.92	1.08
1968.....	1.31	0.53	0.81	2.93	1.83	1.04
1969.....	1.17	0.53	0.62	2.56	2.29	0.88
1970.....	1.35	0.55	0.69	2.24	2.33	0.92
1971.....	1.30	0.50	0.67	2.24	2.16	0.82
1972.....	1.84	0.84	1.26	4.00	3.16	1.54
1973.....	4.24	1.61	2.50	9.17	5.72	2.61
1974.....	3.96	1.52	2.20	9.24	7.06	2.23
1975.....	3.51	1.42	2.31	6.51	5.09	2.64
1976.....	2.80	1.13	1.88	6.78	6.07	2.17
1977.....	2.75	0.95	1.60	5.48	6.39	2.30
1978.....	3.66	1.02	1.72	7.29	6.36	2.55
1979.....	4.86	1.42	2.31	7.56	6.14	3.76
1980.....	5.36	1.79	3.03	8.33	6.38	4.52
1981.....	5.03	1.59	2.50	7.77	6.33	3.63
1982.....	4.54	1.17	1.96	6.20	6.30	2.18
1983.....	4.71	1.56	2.53	8.18	8.60	2.79
1984.....	4.44	1.60	2.71	7.92	7.98	2.49
1985.....	3.55	1.46	2.14	6.93	6.39	2.28
1986.....	2.55	1.06	1.65	4.34	4.47	1.63
1987.....	3.04	1.39	1.45	5.39	5.83	2.13
1988.....	4.60	2.05	2.54	9.30	6.80	2.77
1989.....	3.78	1.30	2.28	8.61	6.06	2.08
1990.....	2.93	1.04	1.80	5.08	5.85	1.70
1991.....	2.85	1.31	1.68	3.94	5.40	1.80
1992.....	2.99	1.51	1.80	5.46	6.24	2.13
1993.....	3.34	1.36	1.67	5.84	7.10	2.21
1994.....	4.69	1.36	2.13	6.81	7.94	2.31
1995.....	5.70	2.61	3.37	7.44	8.44	2.75
1996.....	4.13	1.56	2.58	8.04	9.07	3.39
1997.....	3.90	1.89	2.60	8.08	8.57	2.50
1998.....	3.75	1.81	2.31	8.09	7.85	2.20
1999.....	3.31	1.57	2.19	6.28	5.75	2.05
2000.....	3.50	1.55	2.20	5.13	5.44	1.88
2001.....	4.17	2.34	2.87	6.92	6.49	2.57
2002.....	4.95	3.02	3.40	8.51	7.94	3.80
2003.....	4.22	2.65	2.87	8.91	7.82	3.36
2004.....	4.11	1.80	2.63	9.50	7.87	3.35
2005.....	3.43	1.76	2.13	8.89	5.94	2.46
2006.....	3.27	1.79	2.29	5.74	6.19	2.28
2007.....	5.03	2.42	3.61	8.35	8.50	3.70
2008.....	7.87	2.67	4.57	14.76	11.00	6.21
2009.....	5.93	2.38	3.66	10.31	9.91	4.17
2010.....	5.17	2.36	3.27	10.93	9.55	3.84
2011.....	5.99	2.99	4.18	14.05	12.02	5.46
2012.....	6.94	2.81	5.23	13.94	12.93	5.87
2013.....	7.76	3.24	5.44	14.35	12.81	6.23
2014.....	6.12	2.56	3.92	12.56	9.75	6.25
2015.....	6.18	2.73	4.54	12.70	10.37	6.38
2016p.....	6.34	2.83	4.26	11.61	10.67	5.48

Note: Average unit (farm) values are estimated using grade distributions, quantities delivered (marketed) and final prices reported for the year. The prices produced are weighted according to these variables.

(1) Data since 2005 represent fall rye only.

Source: Statistics Canada; Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 81: Alberta Wheat Crop by Type - Area, Yield and Production, 2007-2016

	Seeded Area	Yield Per Acre	Production
	'000 Acres	Bushels	'000 tonnes
All Wheat			
2007.....	5,842	39.3	6,076.1
2008.....	6,930	46.9	8,736.2
2009.....	7,095	40.9	7,440.7
2010.....	6,580	46.9	8,201.3
2011.....	6,728	49.1	8,839.6
2012.....	6,525	47.7	8,368.8
2013.....	7,180	58.5	11,301.8
2014.....	6,790	51.7	9,348.9
2015.....	6,850	46.2	8,290.0
2016p.....	6,705	58.0	9,898.2
Spring Wheat			
2007.....	4,877	40.2	5,230.6
2008.....	5,700	47.3	7,272.0
2009.....	5,875	41.1	6,180.6
2010.....	6,020	46.8	7,515.5
2011.....	5,972	49.5	7,957.8
2012.....	5,800	47.6	7,429.9
2013.....	6,415	58.7	10,169.6
2014.....	6,045	51.8	8,369.1
2015.....	5,860	47.2	7,247.6
2016p.....	5,335	59.5	7,995.9
Durum Wheat			
2007.....	765	32.4	670.0
2008.....	930	43.0	1,077.7
2009.....	930	40.6	993.4
2010.....	360	44.3	421.8
2011.....	536	43.0	620.5
2012.....	580	46.4	732.1
2013.....	600	53.8	870.9
2014.....	550	48.1	707.6
2015.....	820	37.3	816.5
2016p.....	1,170	50.6	1583.9
Winter Wheat			
2007.....	160	46.1	175.5
2008.....	270	52.6	386.5
2009.....	260	37.7	266.7
2010.....	175	55.4	264.0
2011.....	196	53.3	261.3
2012.....	130	58.5	206.8
2013.....	155	68.6	261.3
2014.....	170	58.8	272.2
2015.....	150	55.3	225.9
2016p.....	185	63.2	318.4

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 82: Alberta Summerfallow Area by Census Division, 2009-2016

C.D.	2009	2010	2011	2012	2013	2014	2015	2016p
'000 Acres								
1	391.6	362.7	272.6	210.8	152.1	153.7	91.9	69.2
2	215.3	205.6	184.3	131.4	98.2	85.1	80.0	75.0
3	24.1	68.2	25.9	8.3	5.3	8.1	3.9	-
4	360.9	381.7	394.0	303.8	263.3	259.8	203.9	170.7
5	162.7	200.3	138.8	102.6	79.3	60.1	40.2	20.1
6 & 15	23.2	40.4	24.6	10.9	11.3	19.3	5.6	6.4
7	73.5	73.6	82.3	46.6	42.4	35.6	29.8	32.5
8	12.7	13.4	16.6	5.9	6.9	3.5	-	3.0
9	-	4.0	6.0	6.9	-	-	2.8	1.2
10	59.6	48.9	58.7	53.7	29.5	42.1	26.7	23.8
11	36.4	31.0	29.7	9.6	18.9	12.4	10.3	6.8
12	24.4	17.2	31.2	17.5	14.5	21.3	15.9	8.2
13	47.3	43.8	36.1	30.9	30.6	31.1	30.3	15.5
14	3.2	4.8	6.1	4.2	7.3	4.4	6.4	2.0
16	-	-	-	-	-	-	-	-
17	71.2	67.9	80.6	56.3	63.2	64.7	58.1	31.5
18	18.6	12.8	14.3	12.6	8.0	8.6	6.7	6.9
19	73.5	73.7	73.1	87.6	66.8	52.4	36.3	25.3
Province	1,600.0	1,600.0	1,306.7	950.0	900.0	865.0	650.0	500.0

Note: Unavailable numbers may not be zero, therefore totals may not add up.

Source: Statistics Canada, CANSIM Database Table Number 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 83: All Wheat Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Seeded Acres - '000</b>										
1	575.1	698.9	659.3	605.0	582.5	582.9	612.4	594.1	591.9	623.3
2	717.0	782.8	796.8	575.3	744.7	712.3	746.7	679.9	728.0	827.2
3	238.4	299.7	254.9	179.1	293.6	195.3	252.1	228.7	259.9	261.9
4	348.8	467.4	379.6	397.2	397.0	405.2	457.9	363.8	361.7	379.4
5	964.2	1,174.9	1,119.7	1,160.5	994.8	998.7	939.0	935.8	861.0	832.7
6 & 15	252.0	287.1	309.5	292.0	267.6	243.7	303.2	338.6	310.9	339.5
7	611.0	730.1	829.0	723.9	741.8	686.1	790.8	769.7	779.4	698.8
8	159.8	219.2	232.5	243.8	205.5	213.4	281.9	243.8	214.8	248.8
9	-	-	-	-	7.0	-	-	17.6	18.1	13.8
10	775.6	849.0	888.8	868.9	919.3	890.4	964.0	865.9	913.1	895.6
11	335.8	343.5	355.3	297.3	300.9	330.7	356.5	326.1	367.4	310.6
12	61.8	84.0	65.3	72.0	95.4	110.9	159.7	115.5	87.1	125.2
13	138.5	180.2	238.6	204.4	227.5	250.6	240.7	242.8	291.4	279.7
14	-	7.9	7.6	14.6	9.9	11.0	6.7	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	158.7	270.6	280.1	290.8	278.4	275.4	443.7	443.3	340.0	282.6
18	33.3	25.5	48.9	21.3	61.7	38.5	24.1	22.1	21.9	13.7
19	397.8	474.9	597.2	582.3	632.6	576.2	584.4	592.4	686.2	563.1
Province	<b>5,842.0</b>	<b>6,930.0</b>	<b>7,095.0</b>	<b>6,580.0</b>	<b>6,727.6</b>	<b>6,525.0</b>	<b>7,180.0</b>	<b>6,790.0</b>	<b>6,850.0</b>	<b>6,705.0</b>
<b>Yield per Acre - Bushels</b>										
1	29.2	39.2	43.4	44.1	41.8	46.0	50.6	48.6	35.0	52.5
2	37.2	52.0	47.7	50.9	45.0	53.5	60.4	60.8	50.9	55.6
3	39.4	47.3	45.3	48.2	24.3	50.2	62.9	55.2	57.8	55.8
4	27.2	32.3	29.4	33.1	33.7	35.7	45.7	40.1	27.2	44.3
5	43.1	50.5	38.0	47.8	55.9	46.3	59.0	45.8	46.0	57.4
6 & 15	45.9	56.8	47.6	58.6	66.5	55.1	67.9	60.5	63.1	66.6
7	31.0	39.5	32.6	43.0	45.6	42.4	52.2	47.0	38.3	53.1
8	54.0	64.9	53.9	63.8	56.0	56.6	72.8	66.4	70.9	74.7
9	-	-	-	-	-	-	-	-	-	-
10	36.8	47.2	40.1	49.0	45.7	45.2	58.4	53.6	44.6	58.1
11	50.6	61.4	43.6	58.5	57.3	52.4	70.8	64.1	51.5	68.7
12	41.2	57.4	45.2	54.6	38.6	55.6	70.3	60.7	44.3	62.6
13	61.0	68.4	51.7	65.5	70.8	62.1	77.4	69.1	55.9	77.0
14	-	47.6	50.4	67.8	70.5	52.5	67.6	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	43.8	42.3	40.3	40.3	58.4	42.5	54.9	43.1	34.1	55.8
18	48.5	33.5	29.2	25.8	33.5	42.4	41.3	38.8	41.3	53.5
19	46.0	34.6	35.2	31.2	57.3	48.3	53.0	42.8	48.7	58.0
Province	<b>39.3</b>	<b>46.9</b>	<b>40.9</b>	<b>46.9</b>	<b>49.1</b>	<b>47.7</b>	<b>58.5</b>	<b>51.7</b>	<b>46.2</b>	<b>58.0</b>
<b>Production - '000 tonnes</b>										
1	453.8	728.9	771.4	710.3	655.6	723.6	830.6	735.7	546.1	862.1
2	711.3	1,094.8	1,018.5	752.1	888.4	1,015.2	1,190.9	1,072.3	974.2	1,193.9
3	250.7	383.0	307.0	218.7	186.3	253.7	404.7	330.8	400.9	384.8
4	240.0	408.4	185.9	349.8	360.6	388.0	563.6	387.3	210.2	430.7
5	1,104.6	1,585.5	1,109.1	1,490.0	1,513.6	1,238.9	1,507.6	1,148.2	1,048.5	1,199.9
6 & 15	300.3	443.9	355.4	458.9	482.0	355.0	550.0	546.3	528.9	562.8
7	505.8	780.6	661.4	838.3	906.5	785.4	1,105.5	963.0	777.1	944.1
8	226.5	384.1	332.8	416.1	306.7	328.3	550.8	430.9	384.6	473.2
9	-	-	-	-	-	-	-	24.7	37.4	25.5
10	771.8	1,091.7	960.1	1,150.6	1,110.6	1,087.5	1,521.9	1,257.5	1,099.0	1,307.2
11	454.9	573.7	410.0	465.6	455.2	465.7	683.4	568.5	496.9	538.5
12	69.3	131.3	78.3	106.1	99.2	167.6	305.1	186.7	102.8	202.3
13	229.2	335.5	334.0	363.5	434.6	421.7	505.8	455.3	435.1	516.2
14	-	10.3	10.5	26.3	17.5	15.7	12.0	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	189.3	311.7	303.8	318.2	441.5	317.8	661.9	516.4	298.8	405.1
18	44.0	23.2	38.9	15.0	55.4	44.0	27.1	23.4	24.6	19.6
19	498.0	444.9	561.0	486.7	973.6	755.2	841.3	687.5	900.3	821.3
Province	<b>6,076.1</b>	<b>8,736.2</b>	<b>7,440.7</b>	<b>8,201.3</b>	<b>8,839.6</b>	<b>8,368.8</b>	<b>11,301.8</b>	<b>9,348.9</b>	<b>8,290.0</b>	<b>9,898.2</b>

Note: Unavailable numbers may not be zero, therefore totals may not add up.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 84: Spring Wheat Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Seeded Acres - '000</b>										
1	336.7	351.4	297.7	466.2	395.2	364.9	393.8	385.4	295.0	185.2
2	383.4	384.7	394.2	410.5	498.3	448.4	488.4	424.2	370.2	314.3
3	157.9	184.1	166.8	156.7	234.2	147.5	180.2	162.7	196.5	165.0
4	263.2	338.7	296.0	349.7	320.1	318.8	341.6	294.3	226.8	193.1
5	861.2	1,014.1	965.7	1,096.3	932.7	927.7	878.0	862.8	766.6	732.4
6 & 15	237.6	271.9	294.8	280.4	256.6	240.3	293.2	327.8	279.5	330.8
7	597.1	712.2	807.4	701.1	729.4	673.4	780.9	758.1	777.2	691.2
8	156.9	212.8	230.2	239.1	200.1	212.1	279.2	240.0	212.9	245.9
9	-	-	-	-	6.2	-	-	17.5	18.1	13.6
10	761.9	848.0	875.8	853.6	905.4	884.9	960.4	854.2	913.2	885.1
11	319.5	337.1	339.9	289.6	292.7	328.6	352.1	321.9	367.3	311.0
12	61.1	84.0	65.3	71.3	93.8	110.6	158.7	113.7	87.1	125.4
13	134.8	180.2	236.5	203.2	223.2	249.3	240.1	237.7	290.5	278.4
14	-	7.1	7.6	14.2	8.9	10.8	6.7	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	155.3	270.6	277.3	286.2	273.8	272.9	441.9	438.5	340.1	280.6
18	32.9	25.5	48.9	21.0	57.8	38.4	24.1	22.0	21.9	13.7
19	384.1	469.4	569.4	558.6	611.7	567.9	579.7	574.6	679.8	560.1
<b>Province</b>	<b>4,877.0</b>	<b>5,700.0</b>	<b>5,875.0</b>	<b>6,020.0</b>	<b>5,971.6</b>	<b>5,800.0</b>	<b>6,415.0</b>	<b>6,045.0</b>	<b>5,860.0</b>	<b>5,335.0</b>
<b>Yield per Acre - Bushels</b>										
1	28.3	35.0	43.7	42.5	36.5	45.0	49.1	50.6	36.3	52.1
2	42.3	57.2	54.9	51.7	46.6	54.2	59.7	62.4	57.3	60.5
3	38.7	44.9	45.4	47.5	21.9	48.8	61.2	51.7	57.2	55.0
4	26.8	30.7	27.3	32.9	31.4	33.8	44.4	39.5	29.9	44.1
5	42.6	50.9	38.9	47.6	55.6	46.6	59.5	46.0	46.1	58.3
6 & 15	45.8	57.3	48.0	59.0	66.8	55.0	68.6	60.5	66.1	66.9
7	31.0	39.6	32.8	42.8	45.6	42.5	52.3	47.2	38.1	53.2
8	54.1	65.5	54.2	63.8	56.3	56.7	72.9	66.4	70.5	74.5
9	-	-	-	-	-	-	-	57.8	75.4	70.0
10	36.8	47.2	40.3	48.8	46.0	45.3	58.4	53.7	44.4	57.7
11	50.8	61.2	43.5	58.9	58.4	52.5	70.9	64.4	51.3	68.6
12	41.2	57.3	45.2	54.7	39.1	55.6	70.5	61.0	44.1	62.5
13	60.9	68.1	51.8	65.6	71.9	62.1	77.4	69.7	55.7	76.8
14	-	47.7	50.4	67.8	77.3	52.7	67.6	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	43.8	42.0	40.3	40.3	58.8	42.8	54.9	43.1	33.9	55.8
18	48.5	33.7	29.1	25.7	35.4	42.4	41.3	38.9	41.1	53.4
19	45.9	34.4	35.4	30.9	56.9	48.2	53.0	42.8	48.4	57.8
<b>Province</b>	<b>40.2</b>	<b>47.3</b>	<b>41.1</b>	<b>46.8</b>	<b>49.5</b>	<b>47.6</b>	<b>58.7</b>	<b>51.8</b>	<b>47.2</b>	<b>59.5</b>
<b>Production - '000 tonnes</b>										
1	257.8	324.8	349.4	525.7	389.5	445.8	523.6	503.8	278.5	255.1
2	439.1	589.0	573.6	542.5	619.0	645.3	781.3	678.3	550.4	487.8
3	165.1	224.8	204.9	187.7	137.4	184.8	285.8	225.1	301.2	237.0
4	177.8	279.9	122.7	304.4	269.7	287.9	408.9	308.2	129.7	214.1
5	974.5	1,390.4	972.8	1,394.6	1,408.8	1,155.4	1,419.9	1,063.7	936.3	1,062.5
6 & 15	282.4	423.8	338.3	448.2	465.8	349.7	537.6	529.5	500.9	548.0
7	495.2	761.4	651.1	805.4	890.5	774.1	1,097.5	951.6	772.5	930.9
8	222.4	376.6	329.8	410.9	301.3	327.0	547.3	424.3	381.7	464.6
9	-	-	-	-	-	-	-	24.6	37.3	25.4
10	757.2	1,087.3	946.1	1,124.2	1,097.5	1,082.6	1,516.8	1,243.9	1,095.2	1,279.2
11	433.5	561.4	390.2	455.5	450.6	463.8	676.6	564.3	495.1	536.2
12	68.5	131.0	78.0	104.8	98.6	167.3	303.8	184.7	102.5	201.5
13	222.4	333.8	330.6	360.3	432.0	419.7	504.7	451.0	432.7	510.7
14	-	9.3	10.4	26.2	17.3	15.4	12.0	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	185.3	309.0	302.2	313.5	436.6	317.3	659.7	511.1	297.8	400.4
18	43.5	23.2	38.7	14.7	55.1	43.9	27.1	23.3	24.5	19.5
19	478.7	434.6	539.4	461.8	937.4	744.6	836.6	667.6	887.0	812.0
<b>Province</b>	<b>5,230.6</b>	<b>7,272.0</b>	<b>6,180.6</b>	<b>7,515.5</b>	<b>7,957.8</b>	<b>7,429.9</b>	<b>10,169.6</b>	<b>8,369.1</b>	<b>7,247.6</b>	<b>7,995.9</b>

Note: Unavailable numbers may not be zero, therefore totals may not add up.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section



Table 85: Durum Wheat Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Seeded Acres - '000</b>										
1	227.1	295.8	320.0	96.7	149.8	187.0	194.1	177.5	268.6	390.9
2	303.2	295.5	325.0	150.3	187.9	220.9	190.4	197.1	281.4	428.7
3	53.8	73.0	53.1	10.6	22.2	21.4	43.0	29.2	33.9	51.8
4	85.4	111.5	64.4	40.4	71.5	81.1	108.7	66.7	122.6	177.7
5	84.7	128.2	136.9	46.6	51.3	55.3	54.5	56.5	85.5	94.2
6 & 15	-	11.1	8.0	-	9.7	-	-	-	-	-
7	-	-	-	-	8.1	-	-	-	-	-
8	-	-	-	-	3.3	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	14.0	-	-	-	-	-
11	-	-	-	-	7.6	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	3.2	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	3.5	-	-	-	-	-
18	-	-	-	-	2.8	-	-	-	-	-
19	-	-	-	-	5.1	-	-	-	-	-
Province	765.0	930.0	930.0	360.0	536.0	580.0	600.0	550.0	820.0	1,170.0
<b>Yield per Acre - Bushels</b>										
1	29.9	42.4	43.8	48.4	54.7	46.0	51.8	43.2	33.4	52.0
2	29.3	46.8	41.0	45.4	40.8	50.7	58.4	54.3	43.1	52.1
3	40.5	44.5	43.0	42.0	-	44.1	59.5	57.1	56.1	48.5
4	28.7	34.7	35.4	31.4	42.6	42.1	48.5	42.8	23.3	44.4
5	49.5	43.6	33.9	46.8	57.7	41.3	52.0	45.4	43.5	50.7
6 & 15	-	37.5	35.7	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
Province	32.4	43.0	40.6	44.3	43.0	46.4	53.8	48.1	37.3	50.6
<b>Production - '000 tonnes</b>										
1	184.9	336.8	374.1	126.1	219.7	233.8	272.4	202.2	239.7	542.7
2	241.5	374.1	357.3	176.7	203.1	305.2	298.7	287.1	329.6	605.1
3	59.3	88.3	60.6	11.2	-	25.8	67.3	44.9	51.8	68.3
4	62.1	105.3	55.2	33.9	82.3	93.3	143.5	76.7	71.9	208.9
5	114.2	145.0	120.0	58.9	79.8	62.2	76.9	70.1	101.5	125.7
6 & 15	-	11.3	7.8	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
Province	670.0	1,077.7	993.4	421.8	620.5	732.1	870.9	707.6	816.5	1,583.9

Note: Unavailable numbers may not be zero, therefore totals may not add up.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 86: Barley (1) Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Harvested Acres - '000</b>										
1	127.6	81.3	67.9	72.5	68.1	88.0	91.6	92.3	105.2	99.7
2	453.2	311.0	234.1	209.4	293.0	260.5	313.8	278.2	352.6	300.4
3	361.2	328.2	277.5	229.9	276.7	219.7	246.9	211.0	235.3	195.1
4	132.1	106.8	47.0	81.7	100.9	112.7	95.6	60.6	46.4	74.2
5	575.6	598.2	414.8	491.9	449.5	529.1	415.5	368.9	410.6	415.9
6 & 15	372.8	348.5	288.9	324.4	353.7	349.2	390.9	366.0	305.5	201.0
7	336.4	308.4	258.8	307.4	271.2	302.0	295.6	245.3	237.9	239.4
8	319.9	311.8	298.9	302.7	293.0	306.9	234.7	234.1	233.6	233.5
9	13.3	12.7	18.2	13.0	-	15.4	25.6	22.7	23.9	15.0
10	551.8	433.9	362.5	377.1	331.6	411.1	428.6	327.3	328.8	292.9
11	266.6	231.4	218.5	198.1	170.2	206.8	200.6	160.9	171.0	146.1
12	102.7	98.2	78.1	105.0	86.9	125.7	133.8	106.9	68.7	57.6
13	257.3	245.2	169.6	174.1	158.2	182.7	161.8	135.1	149.2	114.1
14	16.1	13.9	19.6	15.5	11.0	14.5	10.1	10.1	10.1	13.4
16	-	-	-	-	-	-	-	-	-	-
17	127.8	125.3	107.3	78.0	88.3	92.7	116.3	61.5	69.0	73.5
18	17.8	14.9	-	10.9	11.6	8.7	-	-	-	-
19	234.8	179.3	161.0	129.3	127.6	173.8	164.0	136.7	107.3	125.0
<b>Province</b>	<b>4,270.0</b>	<b>3,750.0</b>	<b>3,030.0</b>	<b>3,125.0</b>	<b>3,200.0</b>	<b>3,400.0</b>	<b>3,330.0</b>	<b>2,820.0</b>	<b>2,870.0</b>	<b>2,600.0</b>
<b>Yield per Acre - Bushels</b>										
1	41.8	55.0	58.1	54.6	45.5	59.8	70.1	65.2	48.5	70.7
2	56.0	69.9	66.7	65.5	66.6	67.9	84.7	74.9	72.4	77.2
3	50.4	68.3	66.8	64.4	38.5	68.7	84.9	71.2	81.0	79.5
4	37.3	47.7	35.9	49.9	37.1	40.6	56.1	47.3	43.4	65.0
5	58.0	71.2	50.0	68.3	86.1	62.7	79.8	61.2	68.4	77.6
6 & 15	56.9	75.8	61.9	76.2	79.8	64.3	76.2	66.1	82.4	83.8
7	42.5	56.0	45.0	62.1	61.9	56.3	70.7	63.7	56.9	75.6
8	55.0	78.3	65.8	73.4	68.1	59.3	76.8	71.8	78.2	81.2
9	46.9	65.4	66.7	65.6	-	48.1	67.3	73.4	81.0	95.1
10	57.0	64.4	56.0	66.6	70.7	61.6	76.8	68.5	66.3	78.8
11	62.5	73.6	60.4	73.2	69.0	58.7	80.0	73.4	66.1	80.6
12	54.0	65.6	63.3	68.9	65.1	57.5	79.4	63.3	57.8	67.1
13	62.3	70.8	61.3	71.5	69.4	57.1	77.8	73.0	63.8	80.1
14	62.8	72.2	64.2	72.2	51.9	53.4	57.0	72.8	59.9	75.0
16	-	-	-	-	-	-	-	-	-	-
17	56.4	53.3	53.6	56.5	54.7	47.4	65.4	56.1	46.7	70.0
18	66.3	51.5	-	54.1	61.1	52.9	-	-	-	-
19	62.8	42.8	56.8	41.5	71.9	57.8	67.7	65.2	63.8	76.5
<b>Province</b>	<b>55.0</b>	<b>66.7</b>	<b>58.2</b>	<b>66.6</b>	<b>67.0</b>	<b>60.3</b>	<b>76.5</b>	<b>67.3</b>	<b>68.6</b>	<b>77.7</b>
<b>Production - '000 tonnes</b>										
1	116.1	97.5	85.8	86.2	67.4	114.6	139.8	131.0	111.0	153.4
2	552.2	473.2	339.8	298.6	425.0	385.0	579.0	453.4	555.9	504.7
3	396.1	488.0	403.8	322.3	232.1	328.8	456.4	326.9	415.2	337.8
4	107.2	110.9	36.8	88.7	81.5	99.7	116.8	62.5	43.9	105.0
5	726.8	927.0	451.5	731.4	843.0	722.0	722.4	491.7	611.8	703.0
6 & 15	462.2	575.2	389.6	538.1	614.7	489.0	648.7	527.0	548.1	366.9
7	311.3	376.0	253.6	415.9	365.2	369.9	454.9	340.4	294.8	394.2
8	383.0	531.6	428.6	483.5	434.4	396.2	392.6	366.3	397.8	412.5
9	13.6	18.1	26.4	18.5	25.8	16.1	37.6	36.2	42.1	31.0
10	684.4	608.7	442.2	547.0	510.6	551.5	716.3	488.3	474.9	502.8
11	362.7	370.7	287.4	315.8	255.9	264.5	349.7	257.2	245.9	256.6
12	120.8	140.3	107.6	157.6	123.1	157.3	231.4	147.4	86.5	84.3
13	348.8	378.2	226.2	271.1	239.1	227.1	274.2	214.7	207.4	199.1
14	22.0	21.8	27.4	24.4	12.4	16.9	12.5	16.0	13.1	21.9
16	-	-	-	-	-	-	-	-	-	-
17	157.1	145.5	125.1	95.9	105.2	95.6	165.7	75.1	70.1	112.1
18	25.6	16.7	-	12.8	15.4	10.1	-	-	-	-
19	321.3	167.0	198.9	116.8	199.7	218.7	241.9	194.1	149.2	208.1
<b>Province</b>	<b>5,114.3</b>	<b>5,447.5</b>	<b>3,840.7</b>	<b>4,528.7</b>	<b>4,668.0</b>	<b>4,463.3</b>	<b>5,545.4</b>	<b>4,131.3</b>	<b>4,289.2</b>	<b>4,398.0</b>

Note: Unavailable numbers may not be zero, therefore totals may not add up.

(1) Barley for Grain.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 87: Oats (1) Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Harvested Acres - '000</b>										
1	5.3	6.4	3.2	3.3	4.2	2.6	3.4	-	-	-
2	5.8	3.9	-	4.4	9.5	3.1	2.7	2.3	4.1	3.5
3	8.0	7.4	3.4	2.8	4.1	4.0	-	4.2	1.6	2.9
4	31.1	26.6	7.4	20.3	24.3	12.2	14.6	10.1	9.6	15.2
5	8.4	7.3	3.8	10.0	13.6	6.5	6.0	13.2	4.4	3.1
6 & 15	14.3	15.5	4.5	20.0	14.7	15.6	11.4	11.1	6.9	8.8
7	59.4	52.0	22.3	61.5	53.1	47.8	50.2	46.4	21.7	35.7
8	15.6	19.7	10.9	27.3	19.2	18.4	14.5	9.7	7.1	11.5
9	11.2	3.6	4.6	5.7	-	4.4	5.3	7.1	4.1	2.5
10	97.2	63.3	41.4	53.7	55.9	61.5	59.0	102.2	46.3	53.7
11	54.9	48.1	26.9	53.0	46.6	36.6	51.8	36.9	28.5	37.7
12	48.5	55.8	25.2	35.9	33.4	33.6	31.4	45.0	23.5	41.2
13	61.0	55.6	41.8	73.7	61.8	58.4	54.1	60.5	44.3	57.2
14	8.8	8.0	4.6	7.4	12.8	7.2	3.8	6.9	11.6	7.7
16	-	-	-	-	-	-	-	-	-	-
17	85.2	60.5	44.6	70.7	75.9	46.1	51.0	44.7	60.3	86.2
18	19.9	22.0	7.0	17.2	16.0	19.0	13.8	4.5	8.8	7.5
19	84.5	44.2	46.7	63.0	67.9	43.1	34.8	48.6	54.5	48.3
<b>Province</b>	<b>620.0</b>	<b>500.0</b>	<b>300.0</b>	<b>530.0</b>	<b>585.0</b>	<b>420.0</b>	<b>410.0</b>	<b>455.0</b>	<b>340.0</b>	<b>425.0</b>
<b>Yield per Acre - Bushels</b>										
1	46.6	47.3	69.3	81.8	49.4	81.3	66.9	-	-	-
2	60.8	75.2	-	85.6	26.1	93.6	101.0	102.3	95.3	88.7
3	51.0	53.6	82.5	82.7	80.0	72.7	-	83.6	77.9	110.7
4	36.8	43.7	43.1	61.7	46.9	56.1	63.7	53.9	50.4	77.8
5	56.5	79.8	63.9	89.9	72.2	80.7	87.5	60.2	68.4	83.3
6 & 15	75.4	87.4	75.1	89.4	87.1	85.7	100.1	93.2	108.5	93.8
7	40.8	56.4	51.1	77.9	73.7	76.1	79.2	71.5	68.4	90.1
8	71.3	93.1	79.1	95.7	94.9	85.9	102.8	84.5	99.1	112.5
9	83.0	68.9	60.1	83.7	-	64.8	64.0	49.7	78.2	93.8
10	55.2	71.8	57.1	82.0	88.6	87.3	97.3	77.6	96.0	102.9
11	75.9	77.1	67.1	88.7	83.8	79.9	108.6	83.7	82.0	103.7
12	64.6	78.0	70.4	87.1	75.2	80.6	98.6	90.2	80.0	101.2
13	71.7	77.6	66.1	89.2	89.6	97.0	96.3	83.2	76.9	100.9
14	67.5	83.6	84.1	91.1	50.8	66.9	78.5	68.1	63.5	83.8
16	-	-	-	-	-	-	-	-	-	-
17	77.1	71.9	79.0	77.5	97.9	64.3	99.7	63.1	51.8	78.4
18	76.2	60.8	62.8	42.9	101.6	75.6	80.2	55.7	73.2	78.6
19	79.8	61.5	67.0	53.4	87.3	71.6	104.7	78.1	76.7	108.7
<b>Province</b>	<b>65.6</b>	<b>70.2</b>	<b>66.7</b>	<b>79.2</b>	<b>81.9</b>	<b>80.0</b>	<b>95.1</b>	<b>77.4</b>	<b>75.0</b>	<b>95.3</b>
<b>Production - '000 tonnes</b>										
1	3.8	4.7	3.4	4.2	3.2	3.2	3.5	-	-	-
2	5.4	4.5	-	5.8	3.8	4.5	4.2	3.6	6.0	4.7
3	6.3	6.1	4.3	3.6	5.1	4.5	-	5.4	2.0	4.9
4	17.7	17.9	4.9	19.3	17.6	10.5	14.4	8.4	7.4	18.3
5	7.3	9.0	3.7	13.9	15.2	8.1	8.1	12.3	4.7	4.0
6 & 15	16.7	20.9	5.2	27.5	19.7	20.7	17.6	16.0	11.6	12.8
7	37.4	45.2	17.6	73.9	60.4	56.1	61.3	51.1	22.9	49.6
8	17.2	28.3	13.3	40.2	28.1	24.4	23.0	12.7	10.8	20.0
9	14.3	3.9	4.3	7.4	4.3	4.4	5.3	5.4	4.9	3.6
10	82.7	70.1	36.4	68.0	76.5	82.9	88.7	122.3	68.5	85.2
11	64.2	57.2	27.8	72.6	60.3	45.1	86.8	47.6	36.1	60.4
12	48.3	67.1	27.3	48.2	38.7	41.8	47.7	62.7	29.0	64.2
13	67.5	66.5	42.6	101.4	85.4	87.3	80.4	77.6	52.6	89.0
14	9.2	10.3	6.0	10.4	10.0	7.5	4.6	7.2	11.3	9.9
16	-	-	-	-	-	-	-	-	-	-
17	101.2	67.1	54.3	84.6	114.7	45.7	78.4	43.4	48.2	104.2
18	23.4	20.6	6.8	11.4	25.1	22.1	17.1	3.9	10.0	9.2
19	104.1	41.9	48.2	51.9	91.4	47.6	56.2	58.6	64.5	80.9
<b>Province</b>	<b>627.4</b>	<b>541.3</b>	<b>308.4</b>	<b>647.7</b>	<b>738.7</b>	<b>518.2</b>	<b>601.5</b>	<b>542.9</b>	<b>393.3</b>	<b>624.6</b>

Note: Unavailable numbers may not be zero, therefore totals may not add up

(1) Oats for Grain.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 88: Canola Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015r	2016p
<b>Seeded Acres - '000</b>										
1	63.8	54.6	50.8	100.0	148.3	190.4	109.6	123.3	156.6	148.8
2	221.9	244.0	181.6	168.7	388.7	386.6	378.4	351.1	384.4	466.3
3	89.5	96.9	71.1	105.2	184.4	144.1	192.0	173.9	196.2	202.7
4	65.3	63.2	50.1	63.2	102.4	122.0	134.7	105.1	103.7	87.8
5	519.0	632.6	572.3	689.2	751.2	817.6	650.3	710.3	651.5	632.5
6 & 15	235.8	271.2	292.6	285.7	-	310.0	337.6	348.9	329.9	330.0
7	522.7	557.1	572.2	584.5	619.1	623.7	640.5	705.6	647.0	680.8
8	221.3	319.3	269.3	292.9	320.3	383.7	316.2	299.1	312.9	272.2
9	-	-	-	6.6	7.5	7.1	17.6	18.1	22.8	16.3
10	1,022.7	983.7	904.5	982.7	1,062.7	1,053.7	1,060.8	1,068.0	1,082.8	1,035.3
11	456.5	406.6	380.5	374.0	397.9	456.8	411.5	387.2	413.8	301.1
12	155.8	164.8	117.3	156.3	192.1	200.1	221.0	219.2	152.6	183.2
13	289.5	295.7	348.1	374.0	404.6	439.5	346.9	359.6	362.8	362.0
14	15.8	10.2	18.7	10.4	16.8	15.6	-	17.7	-	-
16	-	-	-	-	-	-	-	-	-	-
17	356.0	396.9	426.6	460.3	426.9	515.0	504.6	680.4	475.7	394.4
18	54.5	43.2	51.6	54.1	58.8	54.0	25.4	0.0	35.1	19.0
19	735.8	657.4	684.8	842.4	760.7	779.6	716.4	915.1	859.5	808.7
Province	<b>5,035.0</b>	<b>5,200.0</b>	<b>5,000.0</b>	<b>5,550.0</b>	<b>6,071.7</b>	<b>6,600.0</b>	<b>6,080.0</b>	<b>6,500.0</b>	<b>6,220.0</b>	<b>5,950.0</b>
<b>Yield per Acre - Bushels</b>										
1	28.7	35.8	44.2	42.7	44.0	34.7	39.8	35.9	35.5	50.6
2	30.3	44.3	43.4	46.3	35.7	35.5	48.7	42.8	44.7	50.8
3	27.0	40.2	40.5	39.4	27.8	37.5	49.0	38.0	46.7	54.1
4	18.6	28.0	20.2	35.1	30.9	30.3	38.4	36.2	20.0	41.4
5	30.7	42.4	34.0	42.5	50.1	32.3	44.3	37.7	45.4	50.9
6 & 15	33.9	43.7	34.9	38.0	-	33.2	43.0	39.6	48.6	48.1
7	23.7	32.2	28.2	37.7	39.1	35.0	41.9	38.8	41.8	45.4
8	32.5	45.0	37.1	40.2	38.7	34.9	45.9	42.8	52.1	51.3
9	-	-	-	25.0	-	32.7	51.5	43.8	56.4	57.9
10	27.8	37.5	30.1	43.0	37.0	34.5	46.2	39.9	43.3	44.1
11	35.5	45.4	34.4	48.1	41.9	34.3	45.5	44.3	46.9	49.6
12	31.2	39.4	33.7	44.9	29.5	33.9	45.9	37.4	41.4	46.0
13	35.5	44.2	40.6	48.6	47.7	37.4	44.0	43.5	47.5	48.6
14	30.9	46.4	42.9	45.2	26.2	34.9	-	34.6	-	-
16	-	-	-	-	-	-	-	-	-	-
17	30.2	27.6	27.0	29.2	36.1	28.2	38.0	30.3	25.8	38.7
18	30.6	28.5	25.5	19.3	21.9	27.2	29.0	-	36.8	45.3
19	30.4	22.2	29.4	21.5	31.9	32.0	40.6	29.5	35.3	40.6
Province	<b>30.0</b>	<b>36.9</b>	<b>32.7</b>	<b>38.0</b>	<b>39.5</b>	<b>34.3</b>	<b>43.7</b>	<b>37.5</b>	<b>41.7</b>	<b>46.4</b>
<b>Production - '000 tonnes</b>										
1	41.5	44.3	55.2	94.1	147.4	149.6	96.3	97.6	125.5	172.7
2	152.2	241.5	188.6	171.0	302.9	307.4	408.9	333.6	388.9	541.9
3	54.5	88.0	70.7	89.5	115.8	119.9	211.2	144.8	207.6	251.6
4	27.0	40.1	12.0	50.4	70.8	83.4	117.3	84.0	41.3	83.4
5	352.9	603.6	457.0	659.1	852.0	575.8	650.5	604.8	684.5	696.1
6 & 15	178.2	268.3	221.1	235.7	314.7	228.8	326.0	307.1	362.6	329.6
7	280.5	404.4	340.3	499.1	547.2	493.5	607.6	620.8	611.5	672.3
8	161.1	320.7	233.3	263.2	278.2	301.8	327.8	284.2	361.5	278.2
9	-	-	-	3.8	-	5.3	20.5	17.3	28.9	18.5
10	645.6	835.2	544.6	950.4	869.4	819.7	1,110.1	963.1	1,059.2	938.4
11	363.6	418.6	295.6	406.4	364.4	352.4	423.1	388.7	439.9	286.5
12	109.5	147.1	81.9	159.1	123.8	152.7	229.4	184.8	141.0	161.8
13	233.1	296.0	340.5	412.4	428.7	370.5	345.7	354.9	389.5	312.7
14	9.5	10.2	18.9	10.6	9.2	12.4	-	13.9	-	-
16	-	-	-	-	-	-	-	-	-	-
17	243.1	244.1	265.8	302.8	335.7	327.0	433.8	467.3	275.4	321.9
18	37.6	28.0	31.0	23.7	26.9	33.2	16.6	-	28.2	19.7
19	505.5	330.3	468.1	408.7	533.3	565.1	658.6	610.4	687.3	690.5
Province	<b>3,401.9</b>	<b>4,322.7</b>	<b>3,628.7</b>	<b>4,740.0</b>	<b>5,347.9</b>	<b>5,097.2</b>	<b>5,998.8</b>	<b>5,488.5</b>	<b>5,851.3</b>	<b>5,783.3</b>

Note: Unavailable numbers may not be zero, therefore totals may not add up.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 89: Tame Hay Acreage and Production for Alberta Census Divisions, 2007-2016

C.D.	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Harvested Acres - '000</b>										
1	110.9	157.0	151.8	196.0	202.5	155.8	176.8	138.4	56.7	174.2
2	218.0	284.3	297.2	263.6	252.7	151.0	233.5	277.5	255.3	212.4
3	189.6	179.9	229.0	298.3	223.8	234.2	204.5	267.4	224.0	225.8
4	392.9	338.0	-	427.9	444.7	314.3	374.3	558.1	321.6	355.0
5	184.8	231.4	156.9	197.2	260.6	215.9	282.2	350.7	169.5	408.6
6 & 15	441.9	453.9	386.7	328.1	390.5	286.2	309.5	222.6	308.4	268.9
7	365.8	390.6	159.8	432.1	393.5	338.9	385.6	321.6	319.9	349.8
8	378.9	342.9	251.0	366.3	331.6	246.3	240.6	206.6	239.3	197.7
9	65.1	116.1	161.5	148.2	137.2	136.9	120.2	84.1	101.4	92.1
10	395.0	434.4	362.4	380.5	491.9	325.9	360.3	274.6	229.3	260.9
11	566.0	525.2	470.8	416.7	429.7	394.1	300.3	341.7	299.2	355.2
12	513.5	372.3	361.8	446.6	493.7	369.9	349.6	339.7	387.8	312.7
13	685.0	623.4	533.7	545.2	524.3	518.4	422.3	330.4	359.5	400.8
14	80.3	130.4	147.8	87.1	80.4	76.0	85.2	90.3	74.9	58.5
16	-	-	-	-	-	-	-	-	-	-
17	342.5	465.0	502.0	443.2	422.4	258.8	273.0	335.3	461.6	340.7
18	258.7	114.2	221.9	120.1	99.4	109.4	-	-	75.7	62.9
19	390.7	425.8	488.8	503.6	421.3	456.6	306.2	363.6	340.9	318.5
<b>Province</b>	<b>5,415.0</b>	<b>5,260.0</b>	<b>4,555.0</b>	<b>4,960.0</b>	<b>4,750.0</b>	<b>4,600.0</b>	<b>4,520.0</b>	<b>4,595.0</b>	<b>4,225.0</b>	<b>4,395.0</b>
<b>Yield Per Acre - tons</b>										
1	2.4	1.9	1.8	2.1	2.1	2.2	1.1	1.6	2.4	1.9
2	3.0	3.7	3.4	3.1	2.9	3.0	2.6	2.7	3.6	3.1
3	2.0	2.8	2.1	2.6	2.0	1.8	2.0	2.6	1.9	2.0
4	1.4	1.0	-	1.9	1.6	1.6	1.5	0.9	0.7	1.7
5	2.3	2.6	1.5	2.4	2.1	2.3	2.3	2.4	2.2	2.4
6 & 15	2.2	2.2	1.2	2.2	2.1	2.1	2.1	2.4	1.6	3.4
7	1.6	1.8	-	2.2	1.9	1.8	1.5	1.2	0.7	1.4
8	2.3	2.1	1.4	2.3	2.1	2.1	2.0	2.7	1.7	2.3
9	2.0	2.1	1.2	1.8	2.6	1.8	1.8	1.3	1.4	2.2
10	1.5	1.4	0.6	1.7	1.4	1.3	2.0	1.7	0.8	1.8
11	2.0	1.8	1.1	1.8	1.7	1.7	1.8	1.5	1.0	2.4
12	1.3	1.5	0.7	1.6	1.4	1.5	1.5	1.8	0.9	1.4
13	1.9	1.7	0.9	1.5	1.9	2.0	1.9	2.1	1.0	1.9
14	1.5	1.9	1.0	1.7	1.5	1.9	-	1.9	0.9	1.6
16	-	-	-	-	-	-	-	-	-	-
17	1.4	1.5	0.9	0.8	1.4	1.6	1.9	1.4	0.9	1.9
18	1.9	1.5	0.8	1.2	1.6	2.6	-	-	1.0	1.9
19	1.6	1.3	0.8	0.8	1.7	1.7	1.9	0.9	1.3	1.9
<b>Province</b>	<b>1.8</b>	<b>1.8</b>	<b>1.2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.9</b>	<b>1.7</b>	<b>1.3</b>	<b>2.0</b>
<b>Production - '000 tons</b>										
1	269.3	291.9	266.3	408.1	423.9	344.3	201.5	215.5	136.5	337.2
2	656.1	1,063.1	1,001.8	823.2	739.6	448.6	596.1	753.6	910.0	668.9
3	375.7	500.4	477.4	777.7	440.7	429.4	406.4	699.7	426.0	453.1
4	562.9	350.2	147.2	819.7	721.2	503.8	533.9	488.2	220.6	595.9
5	432.7	603.6	230.4	465.6	539.7	491.5	647.5	854.2	367.4	970.9
6 & 15	956.4	1,006.8	468.4	709.1	831.7	613.2	652.6	524.2	483.4	448.5
7	574.4	706.5	-	967.3	759.6	595.1	591.6	393.9	211.9	486.5
8	883.8	706.9	359.4	834.9	682.0	511.5	470.3	555.3	398.6	460.6
9	131.1	243.5	197.2	266.4	362.9	251.9	216.7	106.0	144.2	204.7
10	582.5	596.8	217.2	643.3	671.4	418.2	703.9	470.6	179.5	459.5
11	1,148.1	966.6	532.8	768.7	734.2	664.6	527.3	513.7	312.5	842.7
12	643.9	574.8	236.7	731.7	679.3	536.2	537.4	615.0	353.1	442.0
13	1,294.0	1,030.3	453.7	792.6	1,004.6	1,048.9	786.8	700.9	358.2	765.4
14	118.0	244.0	151.1	146.6	120.7	141.3	-	168.6	68.1	92.3
16	-	-	-	-	-	-	-	-	-	-
17	472.9	680.4	455.6	338.6	596.5	415.1	523.6	454.1	399.8	661.3
18	480.1	175.4	176.2	142.5	156.7	281.6	148.1	121.3	78.6	120.9
19	638.1	558.5	412.2	404.3	735.5	781.0	580.9	332.5	431.5	609.5
<b>Province</b>	<b>10,000.0</b>	<b>9,730.0</b>	<b>5,440.0</b>	<b>9,065.0</b>	<b>8,750.0</b>	<b>8,500.0</b>	<b>8,365.0</b>	<b>8,000.0</b>	<b>5,480.0</b>	<b>8,620.0</b>

Note: Unavailable numbers may not be zero, therefore totals may not add up

Source: Statistics Canada, CANSIM Database Table Number 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 90: Alberta Special Crops - Area, Yield, Production and Price, 2007-2016

	Harvested Area	Yield	Production	Average Value
	Acres	Per Acre	tonnes	\$/Unit
Corn for Grain				
2007.....	7,000	128.6 bu.	22,900	5.15 /bu.
2008.....	15,000	93.3 bu.	35,600	4.69 /bu.
2009.....	15,000	113.3 bu.	43,200	4.06 /bu.
2010.....	-	-	-	5.08 /bu.
2011.....	15,000	93.3 bu.	35,600	5.08 /bu.
2012.....	15,000	93.3 bu.	35,600	5.53 /bu.
2013.....	20,000	130.0 bu.	66,000	4.03 /bu.
2014.....	30,000	120.0 bu.	91,400	4.29 /bu.
2015r.....	30,000	115.0 bu.	87,600	4.51 /bu.
2016p.....	18,000	138.9 bu.	63,500	4.51 /bu.
Dry Peas				
2007.....	595,000	32.6 bu.	527,500	221.93 /tonne
2008.....	700,000	38.4 bu.	731,400	303.54 /tonne
2009.....	750,000	32.7 bu.	666,700	227.64 /tonne
2010.....	925,000	39.0 bu.	982,500	197.85 /tonne
2011.....	695,000	42.6 bu.	805,600	282.23 /tonne
2012.....	1,060,000	41.9 bu.	1,208,400	315.76 /tonne
2013.....	995,000	48.8 bu.	1,321,300	298.31 /tonne
2014.....	1,290,000	42.0 bu.	1,475,100	239.08 /tonne
2015r.....	1,420,000	34.0 bu.	1,314,500	310.49 /tonne
2016p.....	1,810,000	46.1 bu.	2,271,200	346.03 /tonne
Dry Beans				
2007.....	53,000	22.6 cwt.	54,400	35.11 /cwt.
2008.....	35,000	22.0 cwt.	34,900	34.26 /cwt.
2009.....	58,000	20.9 cwt.	55,100	30.55 /cwt.
2010.....	40,000	17.4 cwt.	31,500	33.34 /cwt.
2011.....	41,000	23.7 cwt.	44,000	41.96 /cwt.
2012.....	43,000	22.9 cwt.	44,700	36.91 /cwt.
2013.....	40,000	26.5 cwt.	48,100	37.64 /cwt.
2014.....	53,000	27.5 cwt.	66,000	37.42 /cwt.
2015r.....	38,000	27.8 cwt.	47,900	37.75 /cwt.
2016p.....	45,000	26.8 cwt.	54,700	37.70 /cwt.
Lentils				
2007.....	-	-	-	268.28 /tonne
2008.....	-	-	-	-
2009.....	50,000	1,476 lbs.	33,400	545.56 /tonne
2010.....	102,000	1,774 lbs.	82,000	618.18 /tonne
2011.....	97,775	1,715 lbs.	76,000	502.77 /tonne
2012.....	83,000	1,807 lbs.	68,100	439.14 /tonne
2013.....	95,000	2,558 lbs.	110,300	435.99 /tonne
2014.....	108,000	1,724 lbs.	84,400	475.62 /tonne
2015r.....	283,000	1,237 lbs.	176,400	742.15 /tonne
2016p.....	560,000	1,993 lbs.	506,200	748.00 /tonne
Mustard Seed				
2007.....	85,000	765 lbs.	29,500	442.83 /tonne
2008.....	100,000	820 lbs.	37,200	879.57 /tonne
2009.....	115,000	915 lbs.	47,700	850.16 /tonne
2010.....	100,000	1,052 lbs.	47,700	630.51 /tonne
2011.....	62,500	949 lbs.	26,800	598.82 /tonne
2012.....	93,000	850 lbs.	35,900	665.08 /tonne
2013.....	92,000	892 lbs.	37,200	783.30 /tonne
2014.....	133,000	985 lbs.	59,400	-
2015r.....	88,000	800 lbs.	31,900	-
2016p.....	132,000	1,196 lbs.	71,600	-

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 90 (Cont'd.): Alberta Special Crops - Area, Yield, Production and Price, 2007-2016

	Harvested Area	Yield	Production	Average Value
	Acres	Per Acre	tonnes	\$/Unit
Triticale				
2007.....	28,000	38.8 bu.	27,600	-
2008.....	14,000	54.6 bu.	19,400	-
2009.....	10,000	50.0 bu.	12,700	-
2010.....	25,000	60.0 bu.	38,100	-
2011.....	18,000	47.2 bu.	21,600	-
2012.....	17,000	44.1 bu.	19,100	-
2013.....	13,000	51.2 bu.	16,900	-
2014.....	15,000	46.0 bu.	17,500	-
2015.....	10,000	57.0 bu.	14,500	-
2016p.....	13,000	59.2 bu.	19,600	-
Potatoes				
2007.....	54,800	341.0 cwt.	847,642	8.77 /cwt.
2008.....	52,000	336.0 cwt.	792,530	11.14 /cwt.
2009.....	49,700	322.0 cwt.	725,896	10.89 /cwt.
2010.....	45,000	314.0 cwt.	640,937	10.70 /cwt.
2011.....	50,100	328.0 cwt.	745,401	11.25 /cwt.
2012.....	54,695	341.8 cwt.	848,005	11.12 /cwt.
2013.....	51,083	357.0 cwt.	827,094	10.35 /cwt.
2014.....	51,742	361.2 cwt.	847,764	11.10 /cwt.
2015.....	50,142	384.3 cwt.	874,072	12.24 /cwt.
2016p.....	51,577	388.0 cwt.	907,729	-
Fodder Corn				
2007.....	60,000	18.5 tons	1,007,000	-
2008.....	40,000	15.8 tons	571,500	-
2009.....	70,000	17.4 tons	1,102,200	-
2010.....	50,000	15.0 tons	680,400	-
2011.....	85,000	18.0 tons	1,388,000	-
2012.....	50,000	17.3 tons	784,700	-
2013.....	65,000	20.0 tons	1,179,300	-
2014.....	60,000	17.3 tons	943,500	-
2015.....	65,000	18.9 tons	1,115,800	-
2016p.....	85,000	20.0 tons	1,542,200	-

Note: Potato prices from 2013 onwards are estimated.

Source: Statistics Canada, CANSIM Database Table Numbers 001-0010, 001-0014 and 001-0017; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 91: Canadian Wheat Board / G3 Global Grain Group Payments,  
2010-11 to 2016-17

	2010-11*	2011-12*	2012-13*	2013-14*	2014-15*	2015-16r*	2016-17**
	\$/tonne (Basis Edmonton/Calgary)						
<b>WHEAT</b>							
No. 1 C.W. Red Spring (14.5%).....	336.77	282.79	260.32	235.78	217.57	195.49	130.94
No. 1 C.W. Red Spring (14%).....	315.67	278.17	258.55	229.52	209.57	192.02	127.94
No. 1 C.W. Red Spring (13.5%).....	293.94	273.00	256.77	223.25	201.58	188.56	124.94
No. 1 C.W. Red Spring (13%).....	279.88	255.60	255.01	216.99	193.59	185.09	121.94
No. 1 C.W. Red Spring (11.5%).....	256.15	222.20	249.70	189.72	159.21	169.01	98.44
No. 2 C.W. Red Spring (13.5%).....	286.11	267.73	254.94	221.8	199.38	185.65	121.94
No. 2 C.W. Red Spring (11.5%).....	247.69	216.93	247.86	188.26	157.01	166.10	95.44
No. 3 C.W. Red Spring.....	232.15	197.77	244.00	178.70	144.87	157.37	84.44
No. 1 Canada Prairie Spring (Red).....	226.75	202.73	240.96	179.63	148.97	-	-
No. 2 Canada Prairie Spring (Red).....	219.26	199.49	239.46	178.13	148.97	-	-
No. 1 Canada Prairie Spring (White).....	223.65	199.11	-	-	-	-	-
No. 2 Canada Prairie Spring (White).....	216.15	195.87	-	-	-	-	-
No. 1 C.W. Extra Strong.....	263.94	243.00	-	-	-	-	-
No. 2 C.W. Extra Strong.....	253.94	237.92	-	-	-	-	-
Canada Western Feed.....	184.40	175.54	168.45	-	8.78	-	-
No. 1 C.W. Red Winter.....	230.00	206.63	242.31	184.63	8.77	-	-
No. 2 C.W. Red Winter.....	221.73	203.42	240.81	183.13	11.14	-	-
No. 1 C.W. Soft White Spring Select.....	228.09	208.45	-	-	10.89	-	-
No. 1 C.W. Soft White Spring.....	192.38	202.28	-	-	10.70	-	-
No. 2 C.W. Soft White Spring Select.....	216.68	205.24	-	-	11.25	-	-
No. 2 C.W. Soft White Spring.....	206.61	199.13	-	-	11.12	-	-
No. 3 C.W. Soft White Spring.....	184.40	175.54	-	-	-	-	-
No. 1 C.W. Amber Durum (13%).....	251.92	295.01	272.88	257.68	306.50	286.36	137.44
No. 1 C.W. Amber Durum (11.5%).....	245.34	286.69	270.24	242.35	292.06	282.16	125.44
No. 2 C.W. Amber Durum (13%).....	228.35	283.96	267.29	244.85	289.90	278.21	127.44
No. 2 C.W. Amber Durum (11.5%).....	220.29	275.43	264.65	229.51	275.47	274.01	115.44
No. 3 C.W. Amber Durum.....	204.01	259.88	254.88	204.28	235.49	259.01	105.19
No. 4 C.W. Amber Durum.....	189.50	216.94	244.40	-	205.49	241.82	-
No. 5 C.W. Amber Durum.....	184.66	174.00	214.96	-	-	204.71	-
<b>BARLEY</b>							
No. 1 C.W. ....	183.82	98.76	-	-	-	-	-
No. 2 C.W. ....	178.82	93.76	-	-	-	-	-
Standard C.W. Hulless.....	147.43	98.76	-	-	-	-	-
<b>DESIGNATED BARLEY</b>							
Select C.W. 2 - Row.....	211.17	256.70	286.52	196.62	118.20	-	-
Select C.W. 6 - Row.....	193.41	243.05	-	-	-	-	-
Sample Select C.W. 2 - Row.....	150.93	208.66	-	-	-	-	-
Sample Select C.W. 6 - Row.....	132.93	188.66	-	-	-	-	-
Select C. W. 2-Row Hulless.....	211.17	225.66	-	-	-	-	-
Select C. W. 6-Row Hulless.....	193.41	208.66	-	-	-	-	-
<b>Deductions for Wheat</b>							
	<b>\$/tonne</b>						
Freight (CN Edmonton to Vancouver).....	30.57	31.64	33.15	35.45	39.00	37.11	37.11
Estimated Elevation.....	14.70	15.50	15.50	15.5	15.90	15.90	15.90
Removal of Dockage.....	5.75	5.90	5.90	56.5	6.05	6.05	6.05
<b>Deductions for Barley</b>							
Freight (CN Edmonton to Vancouver).....	30.57	31.64	33.15	35.45	39.00	37.11	37.11
Estimated Elevation.....	15.50	15.95	15.95	15.95	15.90	15.90	15.90
Removal of Dockage.....	8.50	8.65	8.65	8.65	8.90	8.90	8.90

\* Realized Total Payment.

\*\*Initial and Adjustment Payments as of June 2016, with final payments expected in December 2017

Source: G3 Canada Limited



Table 92: Canadian Wheat Board / G3 Global Grain Group Payments (Initial and Final), 2014-15 and 2015-16

	Initial Payment		Adjusted Payment		Final Payment		Realized Payment	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
<b>\$/tonne (Basis Edmonton/Calgary)</b>								
<b>WHEAT</b>								
No. 1 C.W. Red Spring (14.5%).....	114.55	116.44	88.00	63.00	15.02	16.05	217.57	195.49
No. 1 C.W. Red Spring (14%).....	111.55	113.44	83.00	64.00	15.02	14.58	209.57	192.02
No. 1 C.W. Red Spring (13.5%).....	108.55	110.44	78.00	64.00	15.03	14.12	201.58	188.56
No. 1 C.W. Red Spring (13%).....	105.55	107.44	73.00	64.00	15.04	13.65	193.59	185.09
No. 1 C.W. Red Spring (11.5%).....	82.05	83.94	61.00	74.00	16.16	11.07	159.21	169.01
No. 2 C.W. Red Spring (13.5%).....	105.55	107.44	79.00	76.00	14.83	14.21	199.38	185.65
No. 2 C.W. Red Spring (11.5%).....	79.05	80.94	61.00	-	16.96	11.16	157.01	166.10
No. 3 C.W. Red Spring.....	68.05	69.94	56.00	-	20.82	11.43	144.87	157.37
No. 1 Canada Prairie Spring (Red).....	74.55	-	60.00	-	14.42	-	148.97	-
No. 2 Canada Prairie Spring (Red).....	72.55	-	62.00	-	14.42	-	148.97	-
Canada Western Feed.....	-	-	-	-	-	-	-	-
No. 1 C.W. Red Winter.....	74.55	-	10.00	-	-	-	84.55	-
No. 2 C.W. Red Winter.....	72.55	-	10.00	-	-	-	82.55	-
No. 1 C.W. Amber Durum (13%).....	135.55	137.44	151.00	141.00	19.95	7.92	306.50	286.36
No. 1 C.W. Amber Durum (11.5%).....	123.55	125.44	151.00	141.00	17.51	15.72	292.06	282.16
No. 2 C.W. Amber Durum (13%).....	125.55	127.44	146.00	141.00	18.35	9.77	289.90	278.21
No. 2 C.W. Amber Durum (11.5%).....	113.55	115.44	146.00	141.00	15.92	17.57	275.47	274.01
No. 3 C.W. Amber Durum.....	103.30	105.19	116.00	141.00	16.19	12.82	235.49	259.01
No. 4 C.W. Amber Durum.....	78.30	80.19	109.00	141.00	18.19	20.63	205.49	241.82
No. 5 C.W. Amber Durum.....	-	54.19	-	141.00	-	9.52	-	204.71
<b>DESIGNATED BARLEY</b>								
Select C.W. 2 - Row.....	118.20	-	-	-	-	-	118.20	-

Source: G3 Canada Limited

Table 93: Non-Board Feed Grain Prices, 2005-06 to 2015-16

	Lethbridge			Calgary		Red Deer		
	Wheat	Oats	Barley	Wheat	Barley	Wheat	Oats	Barley
	\$/tonne							
2005-06.....	105.03	119.58	107.63	96.24	97.93	90.86	111.02	94.92
2006-07.....	157.38	142.43	157.94	-	145.47	146.30	140.40	142.56
2007-08.....	233.90	183.61	208.26	-	196.41	214.82	-	197.51
2008-09.....	198.34	168.19	176.59	180.70	171.46	179.89	-	170.19
2009-10.....	161.32	153.39	152.55	158.36	148.28	151.54	-	142.60
2010-11.....	192.57	188.60	188.51	187.05	180.90	-	-	-
2011-12.....	227.06	181.23	226.20	222.88	221.03	219.70	173.25	213.13
2012-13.....	290.24	221.97	278.92	290.93	273.10	291.75	208.93	266.03
2013-14.....	192.28	179.97	187.24	191.84	179.70	191.16	173.57	172.55
2014-15.....	200.54	174.71	200.76	197.79	194.84	197.84	170.12	187.57
2015-16p.....	227.45	201.98	212.64	202.02	205.00	220.70	179.84	200.98

	Edmonton			Peace River/ Grande Prairie			Vermilion
	Wheat	Oats	Barley	Wheat	Oats	Barley	Barley
	\$/tonne						
2005-06.....	88.01	90.13	87.44	82.77	93.31	81.73	83.73
2006-07.....	135.00	-	130.09	138.94	128.38	129.71	132.27
2007-08.....	212.88	-	188.82	203.74	153.77	171.11	183.51
2008-09.....	185.95	-	160.99	186.02	148.44	143.70	147.30
2009-10.....	154.68	-	138.80	155.98	144.37	123.93	125.26
2010-11.....	183.49	150.61	168.81	197.54	181.48	160.14	150.02
2011-12.....	216.36	164.74	203.47	192.74	165.51	180.11	201.03
2012-13.....	290.64	208.80	259.47	265.06	190.77	226.00	258.56
2013-14.....	190.01	173.68	162.36	165.53	141.92	131.63	166.27
2014-15.....	195.76	169.74	178.46	166.52	139.59	152.07	183.00
2015-16p.....	218.58	189.62	197.73	196.45	173.66	173.53	182.83

Source: Alberta Grain Commission; and Alberta Canola Producers Commission

Table 94: Greenhouse Industry, Alberta and Canada, 2008-2016

	2008	2009	2010	2011	2012	2013	2014	2015r	2016p
<b>Alberta</b>									
Total Area ('000 sq. ft.).....	10,419	11,087	12,152	12,183	12,162	12,250	12,520	12,433	12,243
Total Sales (\$'000).....	108,657	112,485	115,641	114,848	123,905	124,860	138,750	132,439	131,782
<b>Canada</b>									
Total Area ('000 sq. ft.).....	235,107	240,667	242,501	247,093	254,333	259,403	254,759	255,543	264,218
Total Sales (\$'000).....	2,168,141	2,379,194	2,445,788	2,500,934	2,438,112	2,641,810	2,710,594	2,789,813	2,850,440
<b>Alberta as a % of Canada</b>									
Total Area.....	4.4	4.6	5.0	4.9	4.8	4.7	4.7	4.9	4.6
Total Sales.....	5.0	4.7	4.7	4.6	5.1	4.7	4.7	4.7	4.6

Source: Statistics Canada, CANSIM Database Table Number 001-0046, 001-0051

Table 95: Sugar Beet Industry, Alberta, 2009-2016

	2009	2010	2011	2012	2013	2014	2015r	2016p
Contracted (acres).....	29,653	30,379	33,598	30,528	24,948	22,053	21,675	28,308
Planted (acres).....	29,995	31,109	33,672	30,527	24,425	22,404	21,836	28,694
Harvested (acres).....	23,128	30,360	33,307	30,306	24,127	22,385	21,836	28,644
Production (tonnes).....	526,686	573,640	784,500	827,434	668,087	638,099	584,560	821,459
Avg. Yield (tonnes/acre).....	22.77	18.90	28.45	27.30	27.69	28.51	26.77	28.68
<b>Market Price</b>								
Beets (\$/tonne).....	44.05	53.12	53.52	55.10	50.74	52.69	58.14	-
Sugar Content % (1).....	18.10	18.59	19.35	19.30	18.53	19.07	19.72	19.20

(1) Factory sugar content.

Source: Alberta Sugar Beet Growers; and Statistics Canada, CANSIM Database Table Number 001-0010

Table 96: Major Commercial Vegetable Production, Alberta, 2009-2016

	2009	2010	2011	2012	2013	2014	2015r	2016p
<b>Harvested Area - Acres</b>								
Beans, Green or Wax.....	-	-	-	310	220	400	350	314
Cabbage.....	-	379	363	-	849	572	325	334
Carrots.....	415	249	266	281	-	315	420	339
Corn, Sweet.....	3,800	3,282	3,988	3,253	3,837	3,624	3,433	3,027
Cucumbers.....	-	41	48	46	69	64	56	-
Dry Onions.....	-	-	-	-	576	1,213	-	1,155
Green Peas.....	4,065	2,414	3,089	3,114	3,046	3,029	2,981	2,788
<b>Total Area.....</b>	<b>8,280</b>	<b>6,365</b>	<b>7,754</b>	<b>7,004</b>	<b>8,597</b>	<b>9,217</b>	<b>7,565</b>	<b>7,957</b>
<b>Production - tonnes</b>								
Beans, Green or Wax.....	-	-	-	410	295	513	435	437
Cabbage.....	-	3,774	2,488	2,727	6,882	6,558	4,169	4,196
Carrots.....	2,697	1,528	1,851	1,943	-	-	-	2,207
Corn, Sweet.....	15,422	13,440	12,667	13,791	14,893	17,798	17,558	18,495
Cucumbers.....	-	36	79	65	220	204	143	-
Dry Onions.....	-	-	-	-	6,422	23,199	-	21,041
Green Peas.....	7,023	2,590	3,776	4,159	3,639	4,586	4,693	3,841
<b>Total Production.....</b>	<b>25,142</b>	<b>21,368</b>	<b>20,861</b>	<b>23,095</b>	<b>32,351</b>	<b>52,858</b>	<b>26,998</b>	<b>50,217</b>
<b>Total Value - \$'000</b>								
Beans, Green or Wax.....	516	622	-	585	650	1,015	1,089	1,150
Cabbage.....	-	1,936	1,572	1,981	4,388	4,763	3,646	3,594
Carrots.....	-	1,811	2,230	2,367	-	4,240	5,475	3,392
Corn, Sweet.....	-	2,857	3,327	3,321	4,600	4,847	4,892	4,618
Cucumbers.....	-	104	229	217	437	661	498	-
Dry Onions.....	-	-	-	-	3,800	9,415	-	9,633
Green Peas.....	2,326	800	1,551	1,665	2,040	1,880	1,799	1,737
<b>Total Value.....</b>	<b>2,842</b>	<b>8,130</b>	<b>8,909</b>	<b>10,136</b>	<b>15,915</b>	<b>26,821</b>	<b>17,399</b>	<b>24,124</b>

Source: Statistics Canada, CANSIM Database Table Number 001-0013; and Alberta Agriculture and Forestry, Statistics and Data Development Section

Table 97: Alberta Forage Seed Crops Inspected for Pedigree Status, 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
Acres										
Alfalfa.....	17,030	17,600	18,235	21,265	20,028	21,953	24,916	27,602	36,985	46,630
Bromegrass.....	9,374	9,515	7,904	5,958	4,557	3,277	3,639	3,315	3,495	5,932
Clover.....	1,814	1,962	1,300	1,303	1,620	1,936	1,693	1,285	1,536	2,034
Fescue.....	10,733	14,492	11,091	9,640	6,587	6,641	6,897	4,952	8,016	11,631
Ryegrass.....	470	108	36	201	264	300	270	-	680	550
Timothy.....	12,061	13,094	11,360	9,226	8,486	12,157	15,633	16,272	15,966	12,854
Wheatgrass.....	6,818	4,425	4,479	5,359	4,653	3,495	2,516	3,215	3,349	4,100

Source: Canadian Seed Growers Association

Table 98: Alberta Pedigreed Acres, 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
Acres										
Wheat.....	55,129	66,035	67,825	77,658	90,125	84,014	97,055	68,003	78,516	84,789
Oats.....	5,013	3,229	4,005	7,548	6,951	4,467	5,933	4,264	5,724	7,352
Barley.....	55,914	50,226	49,703	44,396	59,750	58,161	55,777	43,555	49,538	50,378
Other Cereals.....	3,147	1,822	2,294	2,626	2,944	2,148	4,075	5,384	3,425	5,249
Flax.....	1,684	2,511	2,818	4,170	4,604	2,705	5,168	7,493	8,363	4,589
Oilseeds.....	49,554	63,051	48,479	49,989	58,510	60,901	68,167	55,254	47,123	56,860
Special Crops.....	20,156	21,095	22,614	26,686	23,256	26,912	33,972	38,738	41,860	51,127

Source: Canadian Seed Growers Association

Table 99: Municipal Co-Operative Seed Cleaning in Alberta, 2006-07 to 2015-16

	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16p
Bushels										
Total Seed.....	25,385,218	25,193,714	26,387,763	26,305,396	26,735,092	29,480,516	30,977,284	32,074,607	31,520,747	34,113,143
Farm- Saved Seed.....	22,328,581	21,532,489	22,920,796	23,201,499	22,947,425	24,824,359	26,169,533	27,242,291	27,061,215	29,441,886
Pedigree Seed.....	3,056,637	3,661,225	3,466,967	3,103,897	3,787,667	4,656,157	4,807,751	4,832,316	4,458,772	5,160,636
Dockage Removed.....	4,028,603	3,124,242	5,186,168	4,417,341	6,278,109	12,782,393	5,643,648	7,519,974	6,489,825	6,631,421
<b>Cleaning</b>										
Total.....	29,413,821	27,878,323	31,573,931	30,722,737	33,013,201	42,262,909	36,620,932	39,594,581	38,010,572	41,046,486
Per Plant Average.....	392,184	388,000	471,000	445,000	472,000	604,000	530,738	590,964	567,322	612,634
Treated Seed.....	1,974,958	2,020,647	2,174,138	2,011,883	2,132,741	2,341,645	2,689,893	2,603,611	2,670,735	2,628,504

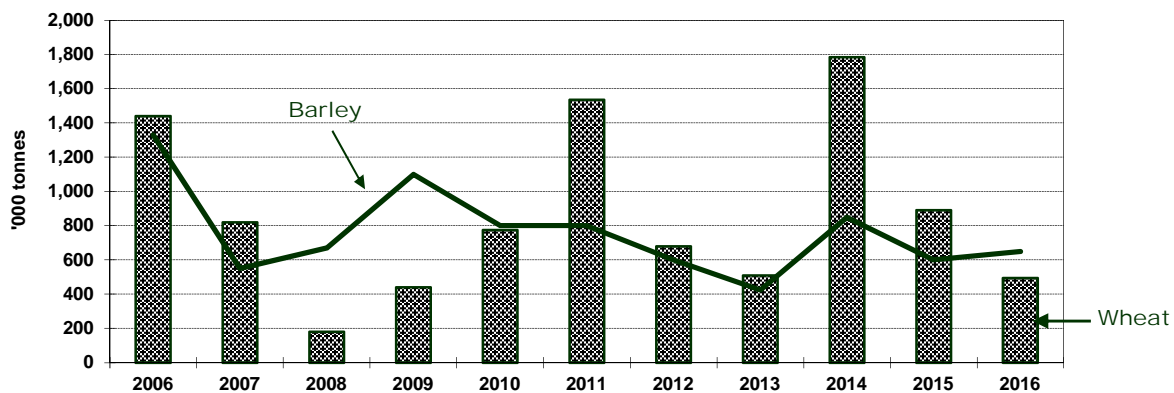
Source: Association of Alberta Co-Op Seed Cleaning Plants

Table 100: Stocks of Grain on Alberta Farms on July 31, 1979-2016

	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola
	'000 tonnes					
1979.....	1,361	355	1,393	97	5	91
1980.....	680	232	500	56	2	120
1981.....	355	230	610	20	10	170
1982.....	1,010	230	1,070	38	3	34
1983.....	500	350	1,560	60	8	15
1984.....	480	200	570	30	3	3
1985.....	260	180	450	35	7	30
1986.....	200	170	400	35	2	85
1987.....	930	450	700	40	10	70
1988.....	550	350	1,200	60	0	40
1989.....	220	250	600	40	0	190
1990.....	245	400	550	40	5	100
1991.....	320	350	750	25	30	50
1992.....	750	200	850	10	30	120
1993.....	850	220	850	10	5	30
1994.....	1,195	390	1,050	10	0	20
1995.....	215	300	600	15	0	70
1996.....	320	150	475	5	10	200
1997.....	600	250	900	5	5	90
1998.....	315	250	800	5	0	40
1999.....	300	350	1,100	20	10	130
2000.....	440	400	1,150	30	15	450
2001.....	570	280	850	15	5	190
2002.....	490	120	750	10	0	150
2003.....	280	100	450	0	5	100
2004.....	400	300	750	5	0	50
2005.....	800	275	1,200	35	0	300
2006.....	1,440	320	1,330	50	25	350
2007.....	820	180	550	25	33	250
2008.....	180	225	670	10	2	165
2009.....	440	300	1,100	25	15	335
2010.....	775	205	800	30	10	250
2011.....	1,535	300	800	10	5	250
2012.....	680	250	600	1	15	55
2013.....	510	140	425	1	1	65
2014.....	1,785	195	850	3	1	480
2015r.....	890	150	600	8	5	500
2016p.....	495	130	650	12	17	275

Source: Statistics Canada, CANSIM Database Table Number 001-0040

Fig. 35 Stocks of Wheat and Barley on Alberta Farms on July 31, 2006-2016



Source: Statistics Canada, CANSIM Database Table Number 001-0040

Table 101: Farm Supply and Disposition of Alberta Principal Field Crops,  
2007-08 to 2015-16

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13r	2013-14r	2014-15r	2015-16p
<b>All Wheat - '000 tonnes</b>									
Opening Stocks Aug. 1.....	820.0	180.0	440.0	775.0	1,535.0	680.0	510.0	1,785.0	890.0
Production.....	6,076.1	8,736.2	7,440.7	8,201.3	8,839.6	8,368.8	11,301.8	9,348.9	8,290.0
<b>Total Supply.....</b>	<b>6,896.1</b>	<b>8,916.2</b>	<b>7,880.7</b>	<b>8,976.3</b>	<b>10,374.6</b>	<b>9,048.8</b>	<b>11,811.8</b>	<b>11,133.9</b>	<b>9,180.0</b>
Marketings.....	6,098.8	7,663.5	6,324.8	6,379.4	7,838.1	7,603.7	8,722.8	8,893.3	8,058.1
Seed.....	273.3	279.7	258.8	264.8	256.5	282.3	267.1	269.5	264.2
Carryover.....	180.0	440.0	775.0	1,535.0	680.0	510.0	1,785.0	890.0	495.0
Feed/Waste/Dockage (1).....	344.0	533.0	522.1	797.1	1,599.9	652.8	1,036.9	1,081.1	362.7
<b>Total Disposition.....</b>	<b>6,896.1</b>	<b>8,916.2</b>	<b>7,880.7</b>	<b>8,976.3</b>	<b>10,374.5</b>	<b>9,048.8</b>	<b>11,811.8</b>	<b>11,133.9</b>	<b>9,180.0</b>
<b>Barley - '000 tonnes</b>									
Opening Stocks Aug. 1.....	550.0	670.0	1,100.0	800.0	800.0	600.0	425.0	850.0	600.0
Production.....	5,114.3	5,447.5	3,840.7	4,528.7	4,668.0	4,463.3	5,545.4	4,131.3	4,289.2
<b>Total Supply.....</b>	<b>5,664.3</b>	<b>6,117.5</b>	<b>4,940.7</b>	<b>5,328.7</b>	<b>5,468.0</b>	<b>5,063.3</b>	<b>5,970.4</b>	<b>4,981.3</b>	<b>4,889.2</b>
Marketings.....	2,331.4	1,473.7	745.8	1,337.0	1,212.7	1,821.8	1,763.2	1,771.7	1,272.2
Seed.....	140.5	134.1	126.3	122.2	127.6	123.6	108.4	113.4	108.4
Carryover.....	670.0	1,100.0	800.0	800.0	600.0	425.0	850.0	600.0	650.0
Feed/Waste/Dockage (1).....	2,522.4	3,409.8	3,268.6	3,069.4	3,527.7	2,692.9	3,248.8	2,496.1	2,858.6
<b>Total Disposition.....</b>	<b>5,664.3</b>	<b>6,117.6</b>	<b>4,940.7</b>	<b>5,328.6</b>	<b>5,468.0</b>	<b>5,063.3</b>	<b>5,970.4</b>	<b>4,981.2</b>	<b>4,889.2</b>
<b>Oats - '000 tonnes</b>									
Opening Stocks Aug. 1.....	180.0	225.0	300.0	205.0	300.0	250.0	140.0	195.0	150.0
Production.....	627.4	541.3	308.4	647.7	738.7	518.2	601.5	542.9	393.3
<b>Total Supply.....</b>	<b>807.4</b>	<b>766.3</b>	<b>608.4</b>	<b>852.7</b>	<b>1,038.7</b>	<b>768.2</b>	<b>741.5</b>	<b>737.9</b>	<b>543.3</b>
Marketings.....	174.6	154.9	163.7	235.3	658.0	202.9	199.6	201.1	183.8
Seed.....	27.2	27.0	30.0	28.5	20.5	18.5	21.4	21.4	23.0
Carryover.....	225.0	300.0	205.0	300.0	250.0	140.0	195.0	150.0	130.0
Feed/Waste/Dockage (1).....	380.7	284.4	209.6	288.9	110.2	406.8	325.4	365.4	206.5
<b>Total Disposition.....</b>	<b>807.5</b>	<b>766.3</b>	<b>608.3</b>	<b>852.7</b>	<b>1,038.7</b>	<b>768.2</b>	<b>741.4</b>	<b>737.9</b>	<b>543.3</b>
<b>Canola - '000 tonnes</b>									
Opening Stocks Aug. 1.....	250.0	165.0	335.0	250.0	250.0	55.0	65.0	480.0	500.0
Production.....	3,401.9	4,322.7	3,628.7	4,740.0	5,347.9	5,097.2	6,168.9	5,796.9	5,851.3
<b>Total Supply.....</b>	<b>3,651.9</b>	<b>4,487.7</b>	<b>3,963.7</b>	<b>4,990.0</b>	<b>5,597.9</b>	<b>5,152.2</b>	<b>6,233.9</b>	<b>6,276.9</b>	<b>6,351.3</b>
Marketings.....	3,425.6	4,094.8	3,532.4	4,573.0	5,476.9	4,889.8	5,488.9	5,566.5	5,890.0
Seed.....	15.2	14.6	16.2	17.7	19.3	18.1	19.7	18.1	17.4
Carryover.....	165.0	335.0	250.0	250.0	55.0	65.0	480.0	500.0	275.0
Feed/Waste/Dockage (1).....	46.1	43.3	165.1	149.3	46.8	179.3	245.3	192.3	169.0
<b>Total Disposition.....</b>	<b>3,651.9</b>	<b>4,487.7</b>	<b>3,963.7</b>	<b>4,990.0</b>	<b>5,598.0</b>	<b>5,152.2</b>	<b>6,233.9</b>	<b>6,276.9</b>	<b>6,351.4</b>

(1) Feed/Waste/Dockage is calculated as a residual.

Source: Statistics Canada, CANSIM Database Table Number 001-0043

Table 102: Irrigation in Alberta by District, 2009-2016

	2009	2010	2011	2012	2013	2014	2015r	2016p
<b>Assessment Roll Acres</b>								
Aetna.....	3,699	4,389	4,390	4,376	4,376	4,511	4,607	4,705
Bow River.....	233,438	233,925	234,014	234,327	241,604	254,909	258,114	259,792
Eastern.....	294,612	290,429	294,373	294,620	296,619	297,884	298,763	299,762
Leavitt.....	4,706	4,793	4,848	4,840	4,853	4,876	4,898	5,031
Lethbridge Northern.....	176,201	176,282	176,187	177,593	179,014	179,719	180,007	182,716
Magrath.....	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300
Mountain View.....	3,700	3,700	3,617	3,616	3,698	3,698	3,711	3,733
Raymond.....	46,303	46,302	46,302	46,402	46,500	46,500	46,500	46,500
Ross Creek.....	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101
St. Mary's River.....	373,092	373,018	374,408	373,835	380,371	388,039	390,497	393,034
Taber.....	82,569	82,728	82,773	82,750	82,822	83,263	83,584	84,045
United.....	34,325	34,370	34,382	34,382	34,393	34,395	34,391	34,383
Western.....	96,045	95,628	95,754	95,788	95,776	95,641	95,516	95,475
<b>Total.....</b>	<b>1,368,091</b>	<b>1,364,965</b>	<b>1,370,449</b>	<b>1,371,930</b>	<b>1,389,427</b>	<b>1,412,836</b>	<b>1,419,989</b>	<b>1,428,577</b>
<b>Acres Actually Irrigated</b>								
Aetna.....	2,361	150	2,961	2,797	3,285	1,611	1,611	2,467
Bow River.....	211,578	182,483	202,478	208,217	217,417	224,952	228,480	226,492
Eastern.....	285,191	284,127	294,569	294,748	295,923	297,015	297,930	299,336
Leavitt.....	4,706	0	4,714	4,625	1,736	1,736	1,736	3,863
Lethbridge Northern.....	174,487	176,393	175,683	177,593	178,697	179,296	179,625	182,160
Magrath.....	14,866	5,688	12,774	14,175	14,386	14,305	16,182	16,387
Mountain View.....	3,500	500	2,920	535	608	1,801	1,746	1,746
Raymond.....	40,174	17,481	37,163	39,560	39,839	37,511	43,378	43,743
Ross Creek.....	800	374	770	878	770	897	897	897
St. Mary's River.....	352,104	340,078	346,079	338,439	338,588	362,254	370,590	374,554
Taber.....	77,571	72,989	75,048	76,775	76,002	75,838	77,123	77,801
United.....	23,383	17,333	21,003	22,655	22,708	21,044	34,391	22,757
Western.....	64,196	48,700	42,270	52,483	49,791	60,587	67,800	89,258
<b>Total.....</b>	<b>1,254,916</b>	<b>1,146,296</b>	<b>1,218,432</b>	<b>1,233,480</b>	<b>1,239,750</b>	<b>1,278,847</b>	<b>1,321,489</b>	<b>1,341,461</b>

Source: Alberta Agriculture and Forestry, Irrigation and Farm Water Branch

Table 103: Crop Area Assessment in Alberta Irrigation Districts, 2009-2016

	2009	2010	2011	2012	2013	2014	2015	2016p
<b>Acres</b>								
Cereals.....	453,636	426,826	429,805	423,112	483,144	458,084	457,943	449,512
Forages.....	515,956	512,310	473,073	444,947	430,036	445,907	463,331	467,845
Oilseeds.....	181,309	183,895	191,153	208,168	191,585	198,543	196,696	152,652
Specialty Crops.....	179,009	184,499	213,150	248,461	240,748	258,839	257,934	314,706
Other.....	38,181	57,434	63,268	47,242	43,914	50,958	42,726	23,139
<b>Total Crops.....</b>	<b>1,368,091</b>	<b>1,364,964</b>	<b>1,370,449</b>	<b>1,371,930</b>	<b>1,389,427</b>	<b>1,412,331</b>	<b>1,418,629</b>	<b>1,407,854</b>
<p><b>Cereals:</b> Barley, CPS Wheat, Durum, Grain Corn, Hard Spring Wheat, Malt Barley, Oats, Rye, Soft Wheat, Triticale, and Winter Wheat.</p> <p><b>Forages:</b> Alfalfa Hay and Silage, Barley Silage, Brome Hay, Corn Silage, Grass Hay, Green Feed, Milk Vetch, Millet, Native Pasture, Oats Silage, Sorghum/Sudan Grass, Tame Pasture, Timothy Hay, Triticale Silage.</p> <p><b>Oilseeds:</b> Canola, Flax, Mustard.</p> <p><b>Specialty Crops:</b> Alfalfa Seed, Canary Seed, Canola Seed, Caraway Seed, Carrots, Dill, Dry Beans, Dry Peas, Faba Beans, Fresh Corn (sweet), Fresh Peas, Grass Seed, Hemp, Lawn Turf, Lentils, Market Gardens, Mint, Monarda, Nursery, Onions, Potatoes, Safflower, Seed Potatoes, Small Fruit, Soy Beans, Sugar Beets, Sunflower.</p> <p><b>Other:</b> Miscellaneous, Non Crop, Summerfallow, Unknown (not reported).</p>								

Source: Alberta Agriculture and Forestry, Irrigation and Farm Water Branch

Table 104: Precipitation at Selected Alberta Weather Stations(1),  
2012-2016

	Average						2016 as a % of Average
	1961-2016	2012	2013	2014	2015	2016	
Millimetres (April 1 to September 30)							
Athabasca AGCM.....	337.4	365.8	244.5	291.2	241.0	347.7	71.4
Barrhead CS.....	343.7	363.6	282.8	296.5	182.4	448.5	53.1
Beaverlodge RCS.....	291.5	180.7	334.1	225.0	258.1	428.4	88.6
Brooks CDA.....	242.3	309.8	279.6	239.5	145.5	317.1	60.0
Calgary Int'L CS.....	334.1	312.5	381.4	285.8	319.2	370.4	95.5
Cardston.....	350.0	245.8	314.7	348.2	234.0	273.6	66.9
Champion AGDM.....	300.6	288.1	311.1	265.8	243.0	226.5	80.8
Cleardale AGDM.....	280.5	192.0	363.4	185.3	168.2	447.6	60.0
Coronation Climate.....	276.6	336.6	264.3	310.1	321.7	366.4	116.3
Dupre AGCM.....	325.4	333.7	217.5	344.8	234.7	300.9	72.1
Fincastle IMCIN.....	265.1	323.5	322.3	306.1	164.3	314.4	62.0
Fort Vermilion.....	272.0	204.7	227.7	168.0	96.5	207.9	35.5
Hawk Hills AGCM.....	273.6	171.1	220.9	198.8	144.6	263.7	52.9
Jean Cote AGCM.....	287.5	291.7	307.1	167.4	188.6	378.8	65.6
Killam AGDM.....	300.2	315.5	218.9	323.6	271.6	375.8	90.5
Kitscoty AGCM.....	306.4	382.3	233.9	289.6	226.9	290.7	74.1
La Crete AGCM.....	291.5	188.3	196.2	146.0	114.5	203.9	39.3
Lacombe CDA 2.....	346.0	305.8	344.6	290.7	310.1	338.0	89.6
Lethbridge Demo Farm IMCIN.....	290.9	273.6	356.0	384.8	172.9	284.6	59.4
Mayerthorpe.....	383.6	426.3	381.7	266.7	231.9	417.7	60.5
Medicine Hat RCS.....	244.1	244.5	311.2	348.6	135.2	364.0	55.4
Morrin AGDM.....	280.1	304.9	216.9	365.7	324.6	378.2	115.9
Olds College AGDM.....	367.1	380.3	381.5	409.3	389.6	374.0	106.1
Oliver AGDM.....	328.6	355.0	327.4	292.4	235.7	354.1	71.7
Onefour CDA.....	239.1	202.4	413.1	273.5	159.0	233.6	66.5
Oyen AGDM.....	241.2	263.2	224.4	263.5	220.5	366.7	91.4
Peoria AGDM.....	319.4	267.6	319.2	169.4	167.5	459.7	52.4
Pincher Creek Cr10.....	363.5	267.6	441.8	352.3	261.0	338.8	71.8
Stettler AGDM.....	333.4	279.4	313.5	321.0	327.0	332.5	98.1
Valleyview AGDM.....	342.5	291.5	284.1	212.1	249.7	387.7	72.9
Vegreville.....	293.6	326.1	228.2	307.9	235.7	361.0	80.3
Vilna AGCM.....	328.0	346.6	243.4	344.2	262.3	397.7	80.0
Violet Grove CS.....	435.4	426.2	329.1	300.4	318.8	468.2	73.2
Wainwright CFB Airfield 21.....	294.4	347.2	264.6	316.1	273.2	270.2	92.8
Wetaskiwin AGCM.....	355.0	365.7	280.4	294.9	237.3	446.6	66.8

(1) See reference map on the following page.

**Note:** Data was provided through the Agro Climatic Information Service (ACIS) and is subject to revision. The latest data for these and other stations can be found on ACIS, at [www.agric.gov.ab.ca/acis](http://www.agric.gov.ab.ca/acis), by clicking on [Station Data](#).

**Source:** Alberta Agriculture and Forestry, Environmental Stewardship Branch, Agrometeorology Application and Modeling Unit

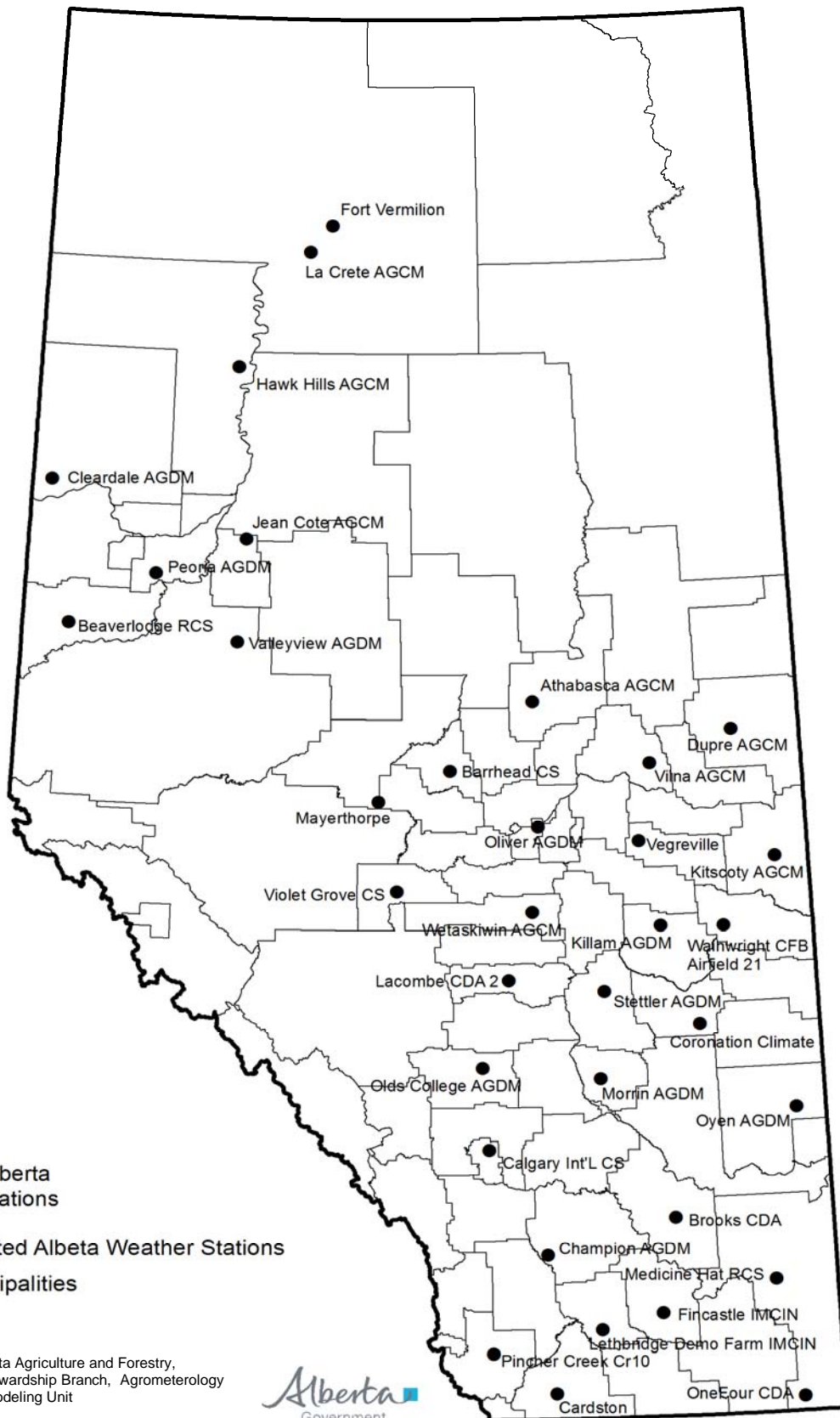
Table 105: Alberta Crop Insurance, 2010-2016 (as of March 31, 2017)

	2010	2011	2012	2013	2014	2015r	2016p
Insured - Number of Contracts.....	13,297	12,825	12,730	12,660	12,087	11,869	12,198
Acres Insured - '000.....	13,292	13,538	14,261	14,682	14,539	14,730	15,188
Premiums - \$'000.....	306,251	398,726	429,679	488,916	364,325	368,722	438,291
Liability - \$'000.....	3,128,183	3,790,961	4,547,037	4,270,367	3,430,349	3,913,232	4,522,730
Indemnities - \$'000.....	208,991	129,560	153,824	37,670	109,257	213,388	107,284

**Note:** This table only includes the basic crop insurance program, covering principal field crops, processing vegetables, honey, corn heat units, silage and greenfeed. It does not include the Hail Endorsement, Spring Price Endorsement, Revenue Insurance Coverage, Straight Hail Insurance, Forage Insurance, the Wildlife and Waterfowl Compensation Program or the Income Stabilization programs (Canadian Agricultural Income Stabilization (CAIS) or AgriStability programs).

**Source:** Agriculture Financial Services Corporation





**Selected Alberta Weather Stations**

- Selected Alberta Weather Stations
- Municipalities

September, 2016

Compiled by Alberta Agriculture and Forestry,  
Environmental Stewardship Branch, Agrometeorology  
Application and Modeling Unit





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Census of Agriculture - Notes

- (1) Since 1996, a census farm has been defined as an agricultural operation producing at least one of the following products intended for sale: crops (field crops, tree fruits or nuts, berries or grapes, vegetables, seed); livestock (cattle, hogs, sheep, horses, exotic animals); poultry (hens, chickens, turkeys, exotic birds); animal products (milk, cream, eggs, wool, furs, meats); or other agricultural products (greenhouse or nursery products, Christmas trees, mushrooms, sod, honey and maple syrup). Farm operations producing only Christmas trees were included for the first time in the 1996 census.
- (2) Up to three operators can be reported per farm. As this is a count of distinct operators, operators of two or more separate farms are included only once.
- (3) Starting in 2001, a census farm is classified according to the predominant type of production. This is done by estimating the potential receipts from the inventories of crops and livestock reported on the questionnaire and determining the product or group of products that make up the majority of the estimated receipts. Farm types are derived based on the North American Industrial Classification System (NAICS). Prior to 2001, farms were classified based on the Standard Industrial Classifications (SIC), thus data for previous census years are not comparable.
- (4) In 1996, the name and definition of "Tame or Seeded Pasture" was changed from the previous census. In 1991, it was called "Improved Land for Pasture or Grazing". Consequently, some respondents may have reported differently in 1996 than in 1991, thereby affecting the comparability of 1996, 2001 and 2006 censuses with earlier censuses.
- (5) Starting 2006, Total Area of Farms is the sum of Area Owned, and Area Rented, Leased, Crop Shared or Used From Others, less Total Area of Land Used by Others.
- (6) The data for land management practices are reported for the year preceding the census year. Operators can apply insecticides and fungicides to the same land. Therefore, the sum of the responses to the two questions in 1996, 2001 and 2006 are not comparable to the response to the single 1991 question which asked for the total area on which insecticides or fungicides were used. The data, however, is still comparable to other years.
- (7) This information was new in 2016.
- (8) As the components of "Other" change from census to census, the data is not comparable between census years.
- (9) Since individual or family holdings were being over-reported in previous censuses, the order and wording of the questions on operating expenses were changed in 1996. While previous censuses asked if the operation was an "individual or family holding", starting with the 1996 Census this question was replaced with one asking if the operation was a "sole proprietorship".
- (10) In 1991, agricultural operators reported the value of farm machinery and equipment located on their operations on Census Day, regardless of ownership. Since the 1996 Census, operators have been asked to report the present market value of all farm machinery and equipment that they owned or leased on Census Day. This change in reporting limits comparability of these data.
- (11) This refers to gross farm receipts of the operation in the preceding calendar year. All values are in current dollars. Percentage changes are calculated based on current dollars.
- (12) This refers to the gross farm operating expenses of the operation in the preceding calendar year. All values are in current dollars. Percentage changes are calculated based on current dollars.
- (13) Farm operators are defined by Statistics Canada as those persons responsible for the day-to-day management and/or financial decisions made in the operation of a farm or an agricultural operation. Operators can be owners, tenants or hired managers of the agricultural operation. This can include those responsible for management decisions pertinent to particular aspects of the farm, such as planting and harvesting, capital purchases, and marketing. An agricultural operation may have more than one operator, e.g. husband and wife; father and son; two brothers; father, son and wife; etc. Since 1991, the census form has enabled farmers to report up to three operators for each farm, which is why there are more operators than farms. This is a count of distinct operators; hence, operators of two or more separate farms were included only once in the total.
- (14) The application of the "random rounding" confidentiality procedure to data appearing in the farm operator tables has resulted in the following data inconsistencies: Since the totals in a table are randomly rounded independently of their component cell values, some differences may exist between the rounded totals and the sum of their rounded components. For example, the sum of the components of Total Number of Operators is not equal to the total. Similarly, percentage distributions, which are calculated based on rounded cell values, do not necessarily add up to 100%. Averages, however, are calculated based on unrounded data. Random rounding can significantly distort results for variables with small cell counts. Individual data cells containing small numbers may lose their precision as a result. Finally, minor differences can be expected in corresponding totals and cell values appearing in different tables. Random rounding may result in slightly different totals occurring in the tables in which the variable appears.
- (15) Due to changes to the question on average time contribution of non-farm work for 2001, caution should be used when comparing the data to 1996. The 1996 data exclude those operators who reported operating another business whereas 2001, 2006, 2011, 2016 data include them.

# Census of Agriculture for Alberta, 2016

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## Census Farms

The 2016 Census of Agriculture counted 40,638 farms in Alberta, down 6.0 per cent from 43,234 farms in 2011. This decline was not unique to Alberta as numbers were down for all provinces, and fell 5.9 per cent nationally to 193,492 farms. However, this was the lowest rate of decline in the last twenty years. Despite the lower farm count for Alberta, the province continued to have the second highest number of farms, behind Ontario (49,600), and accounted for 21.0 per cent of the farms in Canada. Generally speaking, farm numbers have been declining across Canada after reaching a peak in 1941.

While farm numbers have declined, the average farm size in Alberta increased 5.9 per cent to 1,237 acres (1,168 acres in 2011). Total farm area reported (total area of all land tenures minus total area of land used by others) fell marginally from 2011 by 0.5 per cent to 50.3 million acres, and represented 31.7 per cent of the Canadian total of 158.7 million acres. The decline in farm area is largely due to the sector shedding lower quality and non-agricultural lands and upgrading or divesting generally less productive pasture lands. Nationally, Alberta ranked second to Saskatchewan in total farm area.

Under land tenure, 29.3 million acres was owned in 2016 (30.2 million acres in 2011). The total area rented or leased from others was 12.0 million acres (11.0 million acres in 2011), and area leased from governments was 9.5 million acres (9.7 million acres in 2011). Area crop-shared from others was 1.4 million acres (1.5 million acres in 2011) and area used through other arrangements was 535,608 acres (546,417 acres in 2011). The total area of land used by others was 2.5 million acres (2.4 million acres in 2011).

While total farm area declined, the total productive land area under crops in Alberta increased 4.8 per cent to 25.3 million acres (27.1 per cent of the national total). Tame or seeded pasture acreage fell 8.4 per cent to 5.4 million acres, while natural land for pasture declined 0.3 per cent to 15.9 million acres. Land in summerfallow fell 49.0 per cent, to 644,021 acres.

By farm type, crop farms (21,906 farms) accounted for 53.9 per cent of farms in Alberta, while animal production was 46.1 per cent (18,732 farms). Notable farm types included beef cattle farms at 31.2 per cent, hay at 15.0 per cent, oilseed (except soybean) at 9.2 per cent, and wheat at 7.1 per cent. The census classifies farms according to the predominant type of production using North American Industry Classification System. This is done by estimating the potential receipts from the inventories of crops and livestock reported on the questionnaire and determining the product or group of products that make up the majority of the estimated receipts.

Provincial gross farm receipts from all sources (including market receipts, program payments, custom work, and inter-farm sales), totaled \$17.7 billion, up 55.0 per cent from \$11.4 billion in 2011, and ranked first among provinces. By size class, the number of Alberta farms with gross receipts \$500,000 or more increased by 48.2 per cent to 6,601 (4,454 in 2011), and accounted for 16.2 per cent of total farms (10.3 per cent in 2011). The number of farms with gross farm receipts of less than \$500,000 declined by 12.2 per cent to 34,037 (38,780 in 2011), and comprised 83.8 per cent of census farms (89.7 per cent in 2011).

Total farm operating expenses in the province increased to \$15.0 billion, from \$9.7 billion in 2011. Unlike the previous census and to reduce response burden, a question for detailed expenses was not asked. Please note that for gross farm receipts and operating expenses, the figures refer to the previous calendar year, or for the last complete accounting (fiscal) year.

The total market value (as of May 10, 2016) of farm capital in the province jumped 50.6 per cent to \$143.9 billion in 2016, compared to \$95.6 billion in 2011. The average capital value per farm increased significantly by 60.2 per cent to \$3.5 million, from \$2.2 million in 2011. The total value of land and buildings accounted for most of the gain, up 47.2 per cent to \$118.3 billion, while machinery and equipment value rose 33.6 per cent to \$14.6 billion, and the value of livestock and poultry rose 158.6 per cent to \$11.0 billion. The Alberta result was similar to the national totals, where total capital value was \$509.7 billion (up 54.1 per cent), with an average capital value per farm of \$2.6 million (up 63.8 per cent). Alberta led the nation in value of farm capital (\$143.9 billion), followed by Ontario (\$131.8 billion).

In 2016, farms classified by operating arrangement indicated that sole proprietorships were the predominant type of farm classification in Alberta at 21,328 farms or 52.5 per cent of all farms. Family corporations were the second most common type at 22.9 per cent (9,287 farms), while partnerships without a written agreement were 19.3 per cent (7,838 farms). Non-family corporations accounted for 2.0 per cent of all farms (803), compared to 1.8 per cent (771) in 2011.

In 2016, there were 424 farms with certified organic and/or transitional production in the province. This represented 1.0 per cent of Alberta farms, below the national average of 2.2 per cent.

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**Note: All dollar values refer to current dollars.**

Alberta farms continued to adopt usage of environmentally friendly practices (no-till seeding and conservation tillage). No-till methods were used on 69.3 per cent of land prepared for seeding in 2016, up from 64.8 per cent in 2011. Conservation tillage was used on 19.1 per cent of the land prepared for seeding, down from 22.5 per cent five years previous. Conventional tillage fell to 11.6 per cent, from 12.8 per cent in 2011. The number of acres where herbicides, insecticides and/or fungicides was applied increased to 26.7 million acres (22.1 million acres in 2011). Application of commercial fertilizer rose 10.4 per cent to 19.4 million acres in 2016 (17.6 million acres in 2011). New to the 2016 Census of Agriculture, 2,329 Alberta farms reported having trace minerals and nutrients (2.0 million total acres), compared to 14,928 farms nationally (6.8 million total acres).

New on the 2016 Census of Agriculture are questions that measure: the technologies used on farms, direct marketing practices farms may have, whether or not the farm has a written succession plan, and if renewable energy producing systems exist.

Farms reporting using computers or laptops represented 58.4 per cent of the Alberta total. Census farms reporting using smartphones or tablets was 47.0 per cent, and 33.7 per cent reported using GPS technology. Automated steering (auto-steer) was reported on 25.7 per cent of farms in the province.

Alberta farms reporting selling agricultural products to consumers in the year prior to the census (2015) was 5.1 per cent (2,062 farms), compared to 12.7 per cent nationally (24,510 farms). A majority of these farms reported selling unprocessed agricultural products (1,986 farms or 96.3 per cent). In 2016, 8.5 per cent of farms in Alberta reported having a written succession plan, marginally above the national total of 8.4 per cent. Of the Alberta farms reporting having a written succession plan, 96.9 per cent of them were for a family member successor. In 2015, 4.7 per cent of farms (1,928 farms) reported having renewable energy producing systems, compared with 5.3 per cent of farms nationally. Of those farms, 91.3 per cent reported having solar panel systems (1,761 farms) and 13.4 per cent reported having wind turbine systems (258 farms).

### **Farm Operators**

The number of farm operators in Alberta fell 7.2 per cent in 2016, to 57,605 (62,050 in 2011), in line with lower farm numbers. The decline in farm operators was not unique to Alberta and was evident across all the other provinces. Nationally, farm operator numbers dropped 7.5 per cent to 271,935.

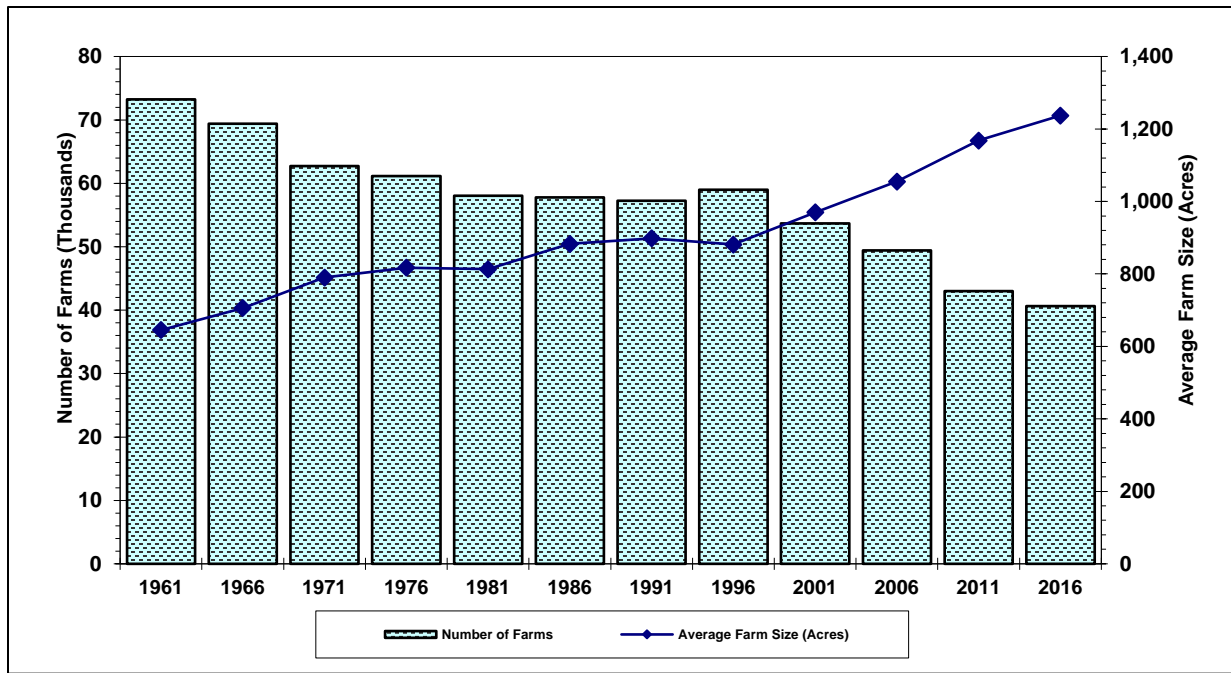
The average age of Alberta farm operators in 2016 was 55.7 years, up from 54.5 years in 2011. This was quite similar to the national trend where the average age was 55.0 years, up from 54.0 years in 2011. The proportion of operators "55 years and over" has been increasing, and accounted for 56.5 per cent of operators in 2016 (49.6 per cent in 2011). This was also true for those "under 35 years of age", increasing to 8.5 per cent in 2016 (7.3 per cent in 2011). Operators in the "35 to 54 years" age class fell to 35.0 per cent (43.1 per cent in 2011).

In 2016, there were 17,760 (30.8 per cent) female and 39,845 (69.2 per cent) male farm operators in the province. Nationally, the split was 28.7 per cent female and 71.3 per cent male. Among provinces, Alberta had the second highest proportion of female operators behind British Columbia (37.6 per cent). Of the 57,605 farm operators in the province, 40.3 per cent were on single operator farms (40.5 per cent in 2011), while 59.7 per cent were on farms with two or more operators (59.5 per cent in 2011).

The percentage of Alberta farm operators reporting paid non-farm work declined from the previous census, slipping to 47.3 per cent, compared to 52.0 per cent in 2011. Alberta farm operators reported that 27,245 had paid non-farm work in the calendar year prior to the census, down from 32,245 in 2011. For those that did report paid non-farm work, the majority of operators (63.9 per cent) had up to 40 hours of work per week, while the remainder (36.1 per cent) had non-farm work of more than 40 hours per week. Nationally, there were 120,670 farm operators that reported paid non-farm work (44.4 per cent of total operators), down from 137,755 (46.9 per cent of total operators) in 2011.

A total of 9,565 Alberta farms (23.5 per cent of all farms) reported having a total of 33,498 year-round, seasonal, or temporary employees. Of total employees, 50.3 per cent were seasonal or temporary (58.8 per cent in 2011), while 49.7 per cent were year-round (full or part-time), compared to 41.2 per cent in 2011.

Fig. 36 Number and Average Size of Alberta Farms, 1961-2016

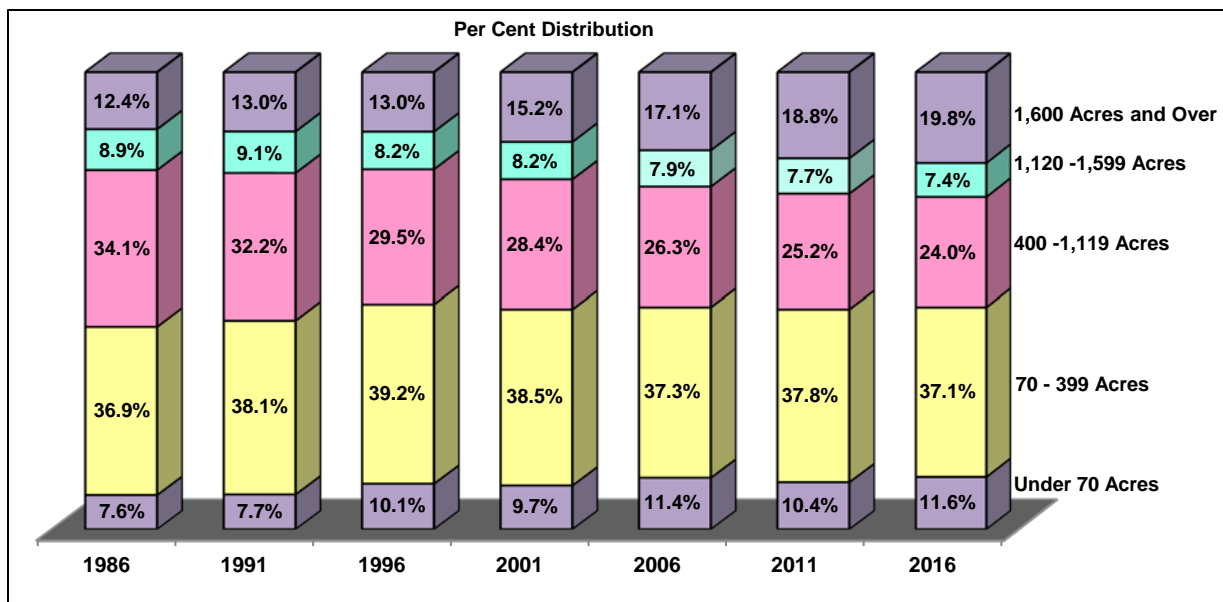


Source: Statistics Canada, Census of Agriculture

The number of census farms in Alberta has generally trended downwards over the years, while average farm size has trended upwards. Between 1961 and 2016, farm numbers decreased 44.5 per cent, from 73,212 to 40,638, while average farm size has increased 91.8 per cent, from 645 acres to 1,237 acres per farm.

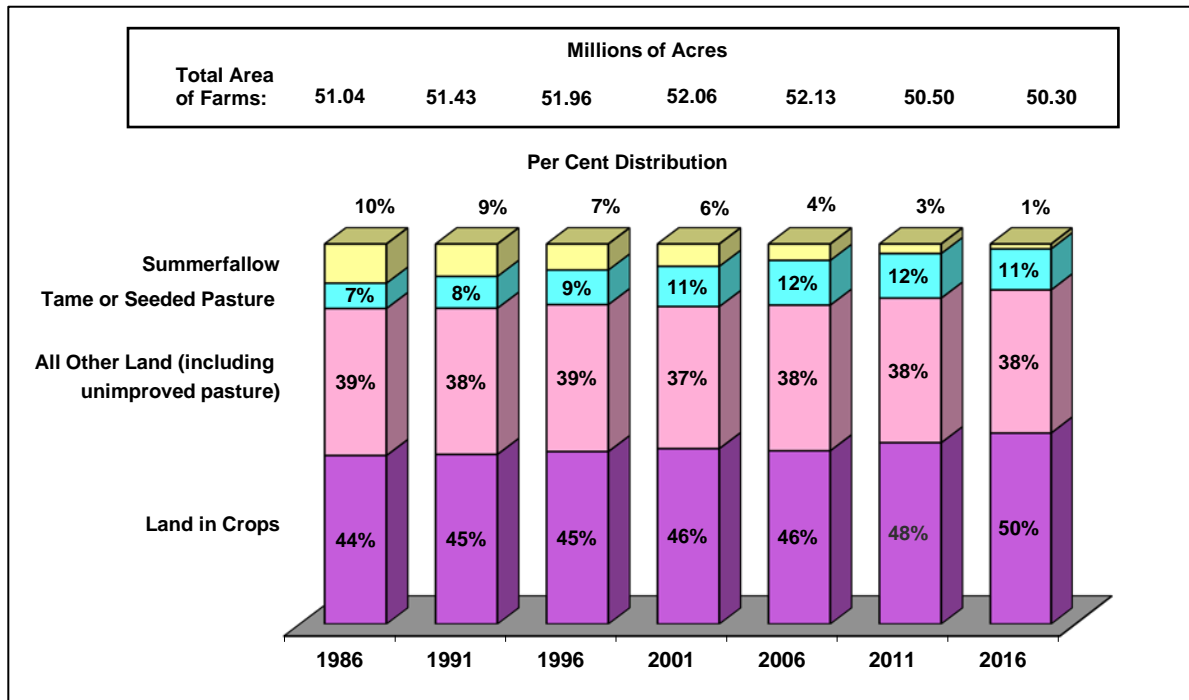
Between 1986 and 2016, the percentage of farms with 1,600 acres or more increased from 12.4 per cent to 19.8 per cent, while the proportion of farms between 1,120 and 1,599 acres slightly decreased from 8.9 per cent to 7.4 per cent. During the same period, the percentage of farms between 400 and 1,119 acres dropped significantly from 34.1 per cent to 24.0 per cent. Farms between 70 and 399 acres have remained fairly steady at around 38 per cent, while farms less than 70 acres increased from 7.6 per cent to 11.6 per cent.

Fig. 37 Alberta Farms Classified by Total Farm Area, 1986-2016



Source: Statistics Canada, Census of Agriculture

Fig. 38 Total Area of Alberta Farms and Land Use Distribution, 1986-2016

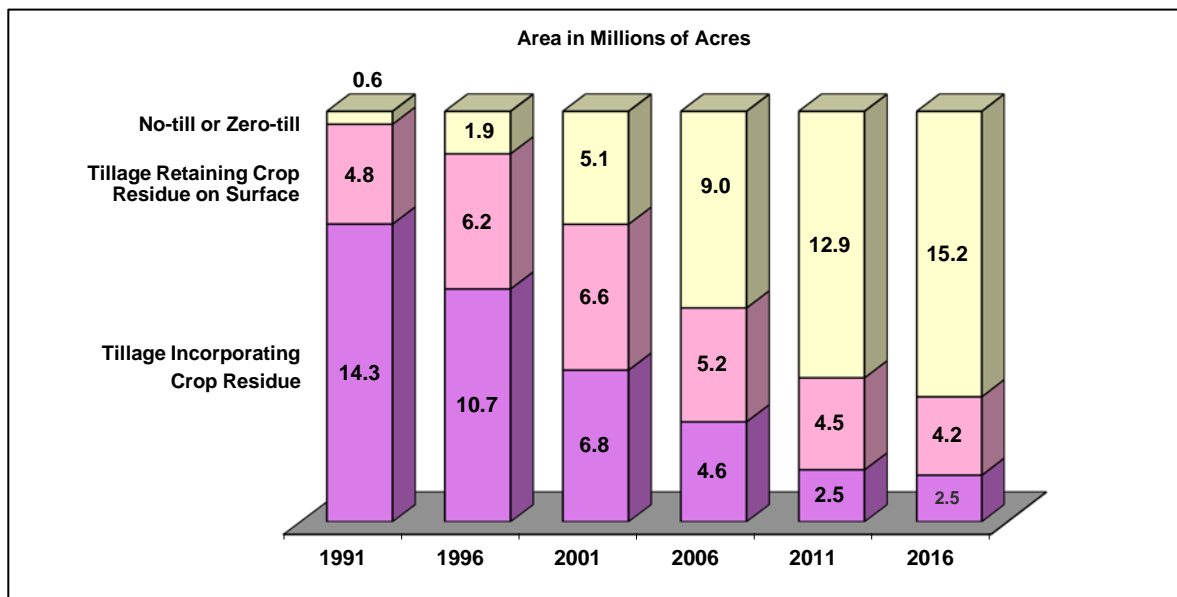


Source: Statistics Canada, Census of Agriculture

While the total farm area has declined to 50.3 million acres in 2016, total productive land under crops in Alberta increased 4.8 per cent to 25.3 million acres, representing 50.3 per cent of the province's total farm area.

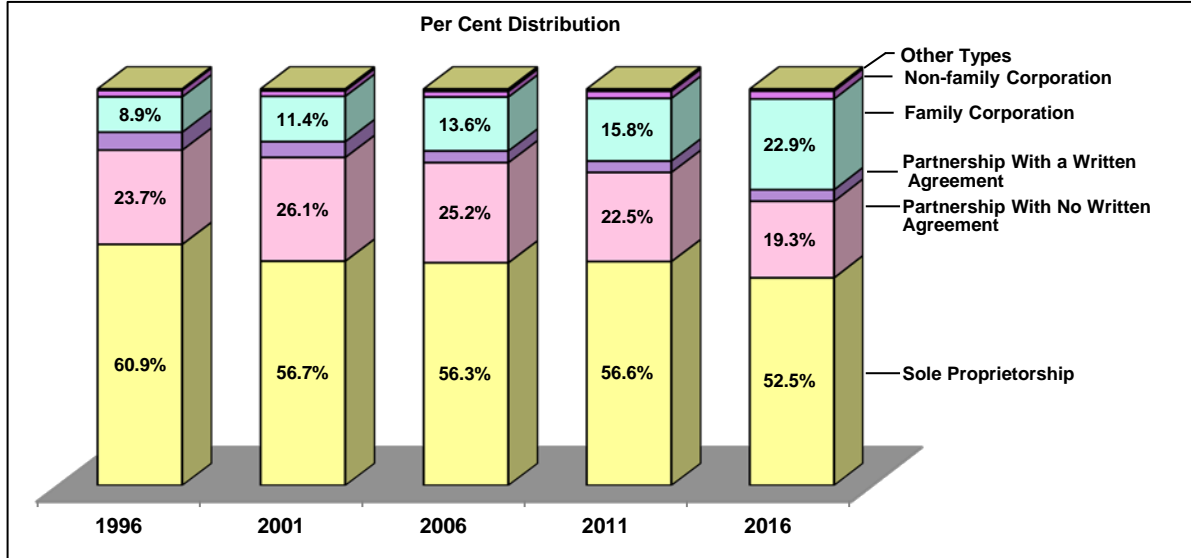
The use of environmentally friendly practices has increased over the past two decades. In 2016, no-till or zero-till methods were used on 15.2 million acres or 60.1 per cent of cropland, compared to 0.6 million acres or 2.7 per cent in 1991.

Fig. 39 Tillage Practices on Alberta Farms, 1991-2016



Source: Statistics Canada, Census of Agriculture

Fig. 40 Alberta Farms Classified by Operating Arrangement, 1996-2016



Source: Statistics Canada, Census of Agriculture

	1996	2001	2006	2011	2016
Sole Proprietorship	60.9%	56.7%	56.3%	56.6%	52.5%
Partnership With No Written Agreement	23.7%	26.1%	25.2%	22.5%	19.3%
Partnership With a Written Agreement	4.5%	4.0%	2.9%	2.9%	2.9%
Family Corporation	8.9%	11.4%	13.6%	15.8%	22.9%
Non-Family Corporation	1.6%	1.4%	1.4%	1.8%	2.0%
Other Types*	0.3%	0.4%	0.6%	0.5%	0.5%

\* Includes institutions, community pastures, etc.

Source: Statistics Canada, Census of Agriculture

Farm classified by operating arrangement indicates that sole proprietorships remained the predominant type of farm operating arrangement in Alberta. However, the proportion has declined over the years from 60.9 per cent in 1996 to 52.5 per cent in 2016, while the proportions of partnerships and corporations have increased. In 2016, the proportion of family corporations were the second most common type, accounting for 22.9 per cent of farms in the province, while partnerships without written agreements was 19.3 per cent. Non-family corporations accounted for 2.0 per cent of all farms compared to 1.6 per cent in 1996.

Fig. 41 Top Ten Crops Grown in Alberta, 2016

	Acres
1. Total Wheat	7,008,542
<i>Spring wheat</i>	5,728,527
<i>Durum Wheat</i>	1,101,498
<i>Winter Wheat</i>	178,517
2. Canola	6,165,746
3. Hay and Fodder Crops*	4,218,222
4. Barley	3,413,856
5. Dry Field Peas	1,909,491
6. Oats	822,185
7. Lentils	463,500
8. Mixed Grains	242,206
9. Total Corn	241,151
10. Forage Seed	164,070
<b>Total (Top Ten Crops)</b>	<b>24,648,969</b>
<b>TOTAL (ALL CROPS)</b>	<b>25,261,781</b>

\*Includes alfalfa and other tame hay and fodder. Excl. forage seed/corn for silage

Source: Statistics Canada, Census of Agriculture

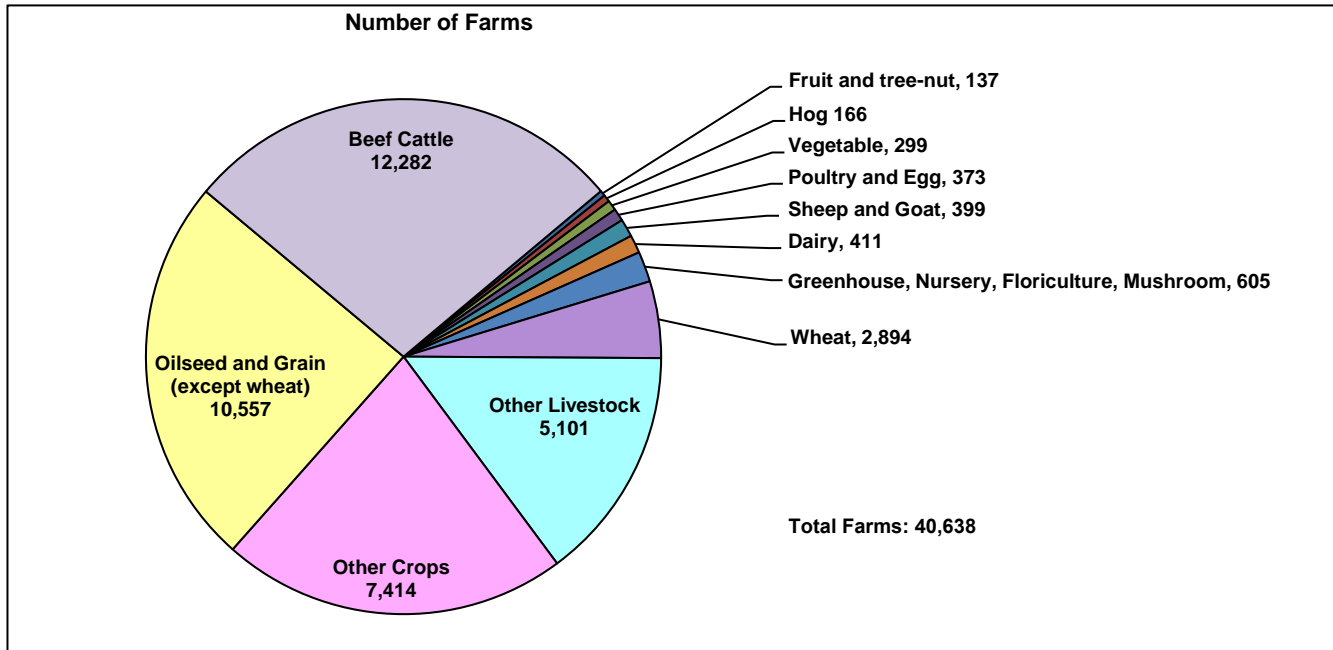
In 2016, the top ten crops grown in Alberta accounted for 97.6 per cent of the total area of land in crops. While total wheat remains the province's leading field crop at 7.0 million acres, canola acreage continued to increase (1.6 per cent from 2011) to 6.2 million acres, and remained second place of the top ten crops.

Although spring wheat declined 4.1 per cent (5.7 million acres), durum wheat increased 105.5 per cent (1.1 million acres), which was largely responsible for total wheat posting a 4.6 per cent gain over 2011.

Some specialty crops and pulses also saw marked increases in 2016. These included dry field peas (up 170.2 per cent to 1.9 million acres), lentils (up 374.1 per cent to 463,500 acres), and corn (up 113.4 per cent to 241,151 acres).



Fig. 42 Alberta Farms Classified by Type, 2016



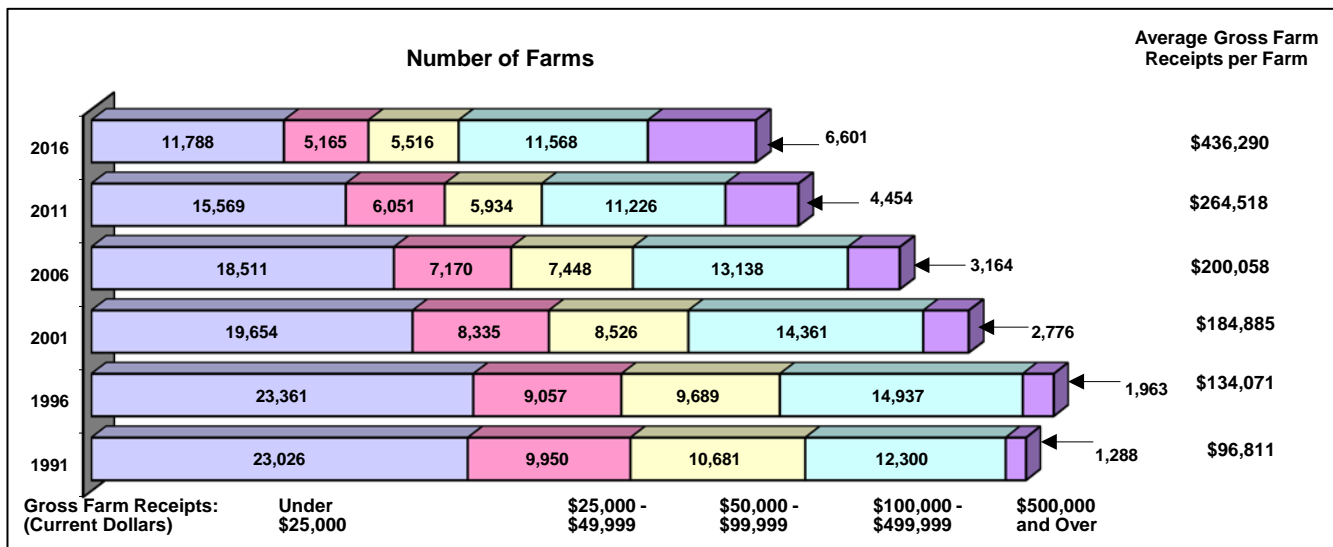
Source: Statistics Canada, Census of Agriculture

The 2016 Census classifies farms according to the predominant type of production based on the North American Industry Classification System. This is done by estimating the potential receipts from the inventories of crops and livestock reported on the questionnaire and determining the product or group of products that make up the majority of the estimated receipts.

In 2016, beef cattle farms continued to be the most common farm type in Alberta, accounting for 30.2 per cent or 12,282 of the province's census farms. The number of wheat farms grew 38.9 per cent since 2011, and totaled 2,894 farms. Other crops farms, such as dry field peas and corn for silage, fell 21.0 per cent since 2011 and totaled 7,414, while the number of oilseed and grain (except wheat) farms was marginally down 0.5 per cent to 10,557.

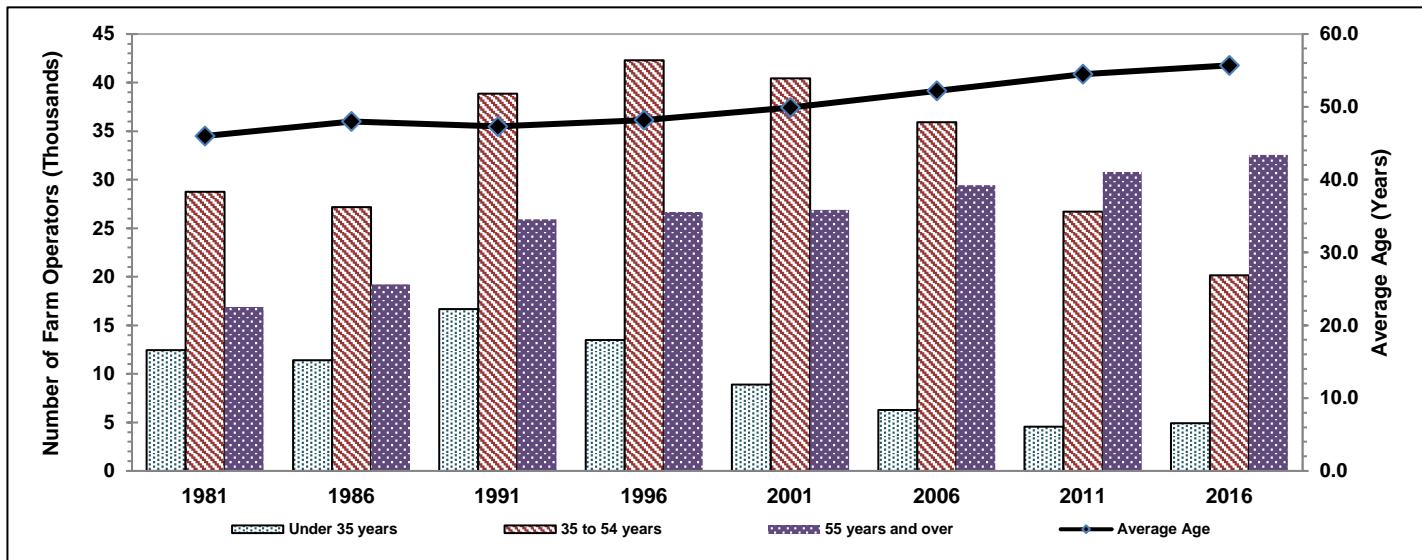
Alberta gross farm receipts in 2016 averaged \$436,290 per farm. The number of farms with \$500,000 or more (in current dollars) of 2015 gross farm receipts increased to 6,601, and represented 16.2 per cent of total farms, yet accounted for 80.8 per cent of total provincial gross farms receipts.

Fig. 43 Alberta Farms Classified by Gross Farm Receipts, 1991-2016



Source: Statistics Canada, Census of Agriculture

Fig. 44 Average Age and Number of Alberta Farm Operators by Age, 1981-2016



Source: Statistics Canada, Census of Agriculture

Census data show the average age of farm operators rising in recent years. In 2016, the average age of Alberta farm operators was 55.7 years, up from 54.5 years in 2011. This was quite similar to the national trend where average age was 55.0 years in 2016, compared to 54.0 years in 2011.

Operators aged 55 and over continued to represent the largest share of total farm operators, accounting for 56.5 per cent of Alberta's 57,605 farm operators in 2016. The number of farm operators between 35 to 54 years old dropped to 20,155 and represented 35.0 per cent of total farm operators, while the group under 35 years old rose to 4,910 or 8.5 per cent.

Fig. 45 Alberta Farms Reporting Technologies, 2016

Technology	Farms
1. Computers/laptops for farm management	23,725
2. Smartphones/tablets for farm management	19,093
3. GPS technology	13,684
4. Automated steering (auto-steer)	10,462
5. GIS mapping (e.g., soil mapping)	2,589
6. Automated environmental controls for animal housing	680
7. Automated animal feeding	669
8. Other technologies	164
9. Greenhouse automation	143
10. Robotic milking	62
<b>TOTAL (Alberta Census Farms)</b>	<b>40,638</b>

Source: Statistics Canada, Census of Agriculture

In 2016, 58.4 per cent of farms reported using computers/laptops for farm management, and 47.0 per cent (19,093 farm operators) reported using smartphones/tablets for farm management, both above the national averages of 56.2 per cent using computers/laptops and 42.9 per cent using smartphones/tablets for farm management.

GPS technology was the third most reported technology with 33.7 per cent of farms using it, above the national average of 30.1 per cent. Automated steering was reported by 25.7 per cent of farms, above the national average of 20.5 per cent.

Table 106: Census of Agriculture, Farms and Land, Canada and Provinces, 2001-2016

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Total Number of Farms (1)</b>											
2001.....	643	1,845	3,923	3,034	32,139	59,728	21,071	50,598	53,652	20,290	246,923
2006.....	558	1,700	3,795	2,776	30,675	57,211	19,054	44,329	49,431	19,844	229,373
2011.....	510	1,495	3,905	2,611	29,437	51,950	15,877	36,952	43,234	19,759	205,730
2016.....	407	1,353	3,478	2,255	28,919	49,600	14,791	34,523	40,638	17,528	193,492
<b>% Change</b>											
'06/'01	-13.2	-7.9	-3.3	-8.5	-4.6	-4.2	-9.6	-12.4	-7.9	-2.2	-7.1
'11/'06	-8.6	-12.1	2.9	-5.9	-4.0	-9.2	-16.7	-16.6	-12.5	-0.4	-10.3
'16/'11	-20.2	-9.5	-10.9	-13.6	-1.8	-4.5	-6.8	-6.6	-6.0	-11.3	-5.9
<b>% Share of Canada</b>											
2001.....	0.3	0.7	1.6	1.2	13.0	24.2	8.5	20.5	21.7	8.2	100.0
2006.....	0.2	0.7	1.7	1.2	13.4	24.9	8.3	19.3	21.6	8.7	100.0
2011.....	0.2	0.7	1.9	1.3	14.3	25.3	7.7	18.0	21.0	9.6	100.0
2016.....	0.2	0.7	1.8	1.2	14.9	25.6	7.6	17.8	21.0	9.1	100.0
<b>Total Land Area of Farms (Acres)</b>											
2001.....	100,271	646,137	1,005,833	958,899	8,443,656	13,507,357	18,784,407	64,903,830	52,058,898	6,392,909	166,802,197
2006.....	89,441	619,885	995,943	976,629	8,557,101	13,310,216	19,073,005	64,253,845	52,127,857	7,006,569	167,010,491
2011.....	77,349	594,324	1,018,075	937,829	8,256,614	12,668,236	18,023,472	61,628,148	50,498,834	6,452,867	160,155,748
2016.....	70,747	575,490	915,657	835,329	8,103,247	12,348,463	17,637,639	61,585,788	50,250,183	6,400,549	158,723,092
<b>% Change</b>											
'06/'01	-10.8	-4.1	-1.0	1.8	1.3	-1.5	1.5	-1.0	0.1	9.6	0.1
'11/'06	-13.5	-4.1	2.2	-4.0	-3.5	-4.8	-5.5	-4.1	-3.1	-7.9	-4.1
'16/'11	-8.5	-3.2	-10.1	-10.9	-1.9	-2.5	-2.1	-0.1	-0.5	-0.8	-0.9
<b>% Share of Canada</b>											
2001.....	0.1	0.4	0.6	0.6	5.1	8.1	11.3	38.9	31.2	3.8	100.0
2006.....	0.1	0.4	0.6	0.6	5.1	8.0	11.4	38.5	31.2	4.2	100.0
2011.....	0.0	0.4	0.6	0.6	5.2	7.9	11.3	38.5	31.5	4.0	100.0
2016.....	0.0	0.4	0.6	0.5	5.1	7.8	11.1	38.8	31.7	4.0	100.0
<b>Average Farm Size (Acres)</b>											
2001.....	156	350	256	316	263	226	891	1,283	970	315	676
2006.....	160	365	262	352	279	233	1,001	1,449	1,055	353	728
2011.....	152	398	261	359	280	244	1,135	1,668	1,168	327	778
2016.....	174	425	263	370	280	249	1,192	1,784	1,237	365	820
<b>Number of Farms (1,120 Acres or Larger)</b>											
2001.....	15	104	81	106	585	1,154	5,480	20,091	12,552	1,139	41,307
2006.....	12	108	90	128	840	1,403	5,599	19,025	12,354	1,231	40,790
2011.....	11	120	90	142	864	1,547	5,135	16,655	11,467	1,153	37,184
2016.....	12	128	93	135	934	1,624	4,904	15,456	11,073	1,052	35,411
<b>% Change</b>											
'06/'01	-20.0	3.8	11.1	20.8	43.6	21.6	2.2	-5.3	-1.6	8.1	-1.3
'11/'06	-8.3	11.1	0.0	10.9	2.9	10.3	-8.3	-12.5	-7.2	-6.3	-8.8
'16/'11	9.1	6.7	3.3	-4.9	8.1	5.0	-4.5	-7.2	-3.4	-8.8	-4.8
<b>Farms 1,120 Acres or Larger as a % of Total Number of Farms</b>											
2001.....	2.3	5.6	2.1	3.5	1.8	1.9	26.0	39.7	23.4	5.6	16.7
2006.....	2.2	6.4	2.4	4.6	2.7	2.5	29.4	42.9	25.0	6.2	17.8
2011.....	2.2	8.0	2.3	5.4	2.9	3.0	32.3	45.1	26.5	5.8	18.1
2016.....	2.9	9.5	2.7	6.0	3.2	3.3	33.2	44.8	27.2	6.0	18.3
<b>Total Land in Crops (Acres)</b>											
2001.....	20,843	433,641	294,596	367,898	4,571,296	9,035,915	11,650,599	37,994,752	24,038,861	1,525,986	89,934,387
2006.....	22,671	423,281	288,146	375,590	4,777,225	9,046,383	11,616,450	36,967,225	23,775,509	1,448,626	88,741,106
2011.....	20,618	410,712	280,889	351,231	4,632,634	8,929,948	10,746,290	36,395,993	24,102,289	1,481,827	87,352,431
2016.....	19,619	400,322	267,447	344,504	4,613,036	9,021,298	11,530,095	40,489,299	25,261,781	1,435,237	93,382,638
<b>% Change</b>											
'06/'01	8.8	-2.4	-2.2	2.1	4.5	0.1	-0.3	-2.7	-1.1	-5.1	-1.3
'11/'06	-9.1	-3.0	-2.5	-6.5	-3.0	-1.3	-7.5	-1.5	1.4	2.3	-1.6
'16/'11	-4.8	-2.5	-4.8	-1.9	-0.4	1.0	7.3	11.2	4.8	-3.1	6.9
<b>% Share of Canada</b>											
2001.....	0.02	0.5	0.3	0.4	5.1	10.0	13.0	42.2	26.7	1.7	100.0
2006.....	0.03	0.5	0.3	0.4	5.4	10.2	13.1	41.7	26.8	1.6	100.0
2011.....	0.02	0.5	0.3	0.4	5.3	10.2	12.3	41.7	27.6	1.7	100.0
2016.....	0.02	0.4	0.3	0.4	4.9	9.7	12.3	43.4	27.1	1.5	100.0

See Census of Agriculture - Notes

Source: Statistics Canada, Census of Agriculture. For more information visit the Statistics Canada web site at: [www.statcan.gc.ca](http://www.statcan.gc.ca)

Table 107: Census of Agriculture, Profile for Alberta, 1996-2016

	1996	2001	2006	2011	2016	% of Total	% Chg. '16/'11
	<b>Number</b>					<b>%</b>	<b>%</b>
<b>Population of Alberta</b> .....	<b>2,696,826</b>	<b>2,974,807</b>	<b>3,290,350</b>	<b>3,645,257</b>	<b>4,067,175</b>	<b>100.0</b>	<b>11.6</b>
Rural Population.....	554,011	569,647	590,499	614,855	667,803	16.4	8.6
Urban Population.....	2,142,815	2,405,160	2,699,851	3,030,402	3,399,372	83.6	12.2
<b>Total Census Farms (1)</b> .....	<b>59,007</b>	<b>53,652</b>	<b>49,431</b>	<b>43,234</b>	<b>40,638</b>	...	<b>-6.0</b>
<b>Total Census Farm Operators (2)</b>	<b>82,455</b>	<b>76,195</b>	<b>71,660</b>	<b>62,050</b>	<b>57,605</b>	...	<b>-7.2</b>
	<b>Acres</b>					<b>%</b>	<b>%</b>
<b>Average Farm Size</b> .....	<b>881</b>	<b>970</b>	<b>1,055</b>	<b>1,168</b>	<b>1,237</b>	...	<b>5.9</b>
	<b>Number</b>					<b>%</b>	<b>%</b>
<b>Distribution of Farms by Size</b>							
Under 70 Acres.....	5,969	5,216	5,656	4,517	4,720	11.6	4.5
70 - 239 Acres.....	14,724	13,374	12,040	10,947	10,158	25.0	-7.2
240 - 559 Acres.....	14,014	12,285	10,595	9,048	8,175	20.1	-9.6
560-759 Acres.....	5,363	4,600	3,979	3,258	2,947	7.3	-9.5
760 - 1,119 Acres.....	6,424	5,625	4,807	3,997	3,565	8.8	-10.8
<b>1,120 Acres and Over</b> .....	<b>12,513</b>	<b>12,552</b>	<b>12,354</b>	<b>11,467</b>	<b>11,073</b>	<b>27.2</b>	<b>-3.4</b>
1,120 - 1,599 Acres.....	4,845	4,382	3,924	3,335	3,012	7.4	-9.7
1,600 - 2,239 Acres.....	3,244	3,297	3,012	2,694	2,529	6.2	-6.1
2,240 - 2,879 Acres.....	1,590	1,594	1,681	1,575	1,497	3.7	-5.0
2,880 - 3,519 Acres.....	898	971	1,064	1,025	1,027	2.5	0.2
3,520 Acres and Over.....	1,936	2,308	2,673	2,838	3,008	7.4	6.0
<b>Total Farms</b> .....	<b>59,007</b>	<b>53,652</b>	<b>49,431</b>	<b>43,234</b>	<b>40,638</b>	<b>100.0</b>	<b>-6.0</b>
<b>Farms by Type Classified by Gross Farm Receipts (3)</b>							
Dairy .....	-	745	605	485	411	1.0	-15.3
Beef Cattle (including feedlots) .....	-	23,036	20,494	12,022	12,282	30.2	2.2
Hog .....	-	901	598	193	166	0.4	-14.0
Poultry and Egg .....	-	526	416	339	373	0.9	10.0
Sheep and Goat .....	-	830	558	490	399	1.0	-18.6
Other Livestock .....	-	6,302	7,414	6,374	5,101	12.6	-20.0
Wheat .....	-	3,853	2,809	2,083	2,894	7.1	38.9
Oilseed and Grain (except wheat) .....	-	9,527	9,753	10,609	10,557	26.0	-0.5
Fruit and tree-nut .....	-	138	227	151	137	0.3	-9.3
Vegetable .....	-	267	286	277	299	0.7	7.9
Greenhouse, Nursery, Floriculture, Mushroom .....	-	832	910	826	605	1.5	-26.8
Other Crops .....	-	6,695	5,361	9,385	7,414	18.2	-21.0
<b>Total Farms Classified</b> .....	-	<b>53,652</b>	<b>49,431</b>	<b>43,234</b>	<b>40,638</b>	<b>100.0</b>	<b>-6.0</b>
<b>Use of Land</b>	<b>Acres</b>					<b>%</b>	<b>%</b>
<b>Total Area of Farms</b> .....	<b>51,964,360</b>	<b>52,058,898</b>	<b>52,127,857</b>	<b>50,498,834</b>	<b>50,250,183</b>	<b>100.0</b>	<b>-0.5</b>
Total Land in Crops.....	23,590,033	24,038,861	23,775,509	24,102,289	25,261,781	50.3	4.8
Summerfallow.....	3,550,265	3,053,214	2,239,633	1,263,051	644,021	1.3	-49.0
Tame or Seeded Pasture (4).....	4,731,087	5,512,654	6,137,362	5,920,507	5,421,962	10.8	-8.4
Unimproved Land.....	-	-	-	-	-	-	-
Natural Land for Pasture.....	16,347,251	16,503,920	16,135,646	15,903,273	15,861,059	31.6	-0.3
All Other Land.....	3,745,724	2,950,249	3,839,707	3,309,714	3,061,360	6.1	-7.5
Christmas Tree Area, Woodland and Wetland.....	-	-	2,849,415	2,209,124	1,957,480	3.9	-11.4
All Other Land.....	-	-	990,292	1,100,590	1,103,880	2.2	0.3
<b>Farm Land Classified by Tenure</b>							
<b>Total Area of Farms (5)</b> .....	<b>51,964,360</b>	<b>52,058,898</b>	<b>52,127,857</b>	<b>50,498,834</b>	<b>50,250,183</b>	<b>100.0</b>	<b>-0.5</b>
Area Owned.....	31,344,893	30,701,572	32,228,183	30,233,516	29,291,562	59.9	-3.1
% of Total Area of Farms.....	60.3	59.0	61.8	59.9	58.3	...	...
Area Rented, Leased, Crop Shared or Used From Others.....	20,619,467	21,357,326	22,204,148	22,690,880	23,417,222	46.6	3.2
% of Total Area of Farms.....	39.7	41.0	42.6	44.9	46.6	...	...
Less Total Area of Land Used by Others .....	-	-	2,304,474	2,425,562	2,458,601	4.9	1.4
% of Total Area of Farms.....	-	-	4.4	4.8	4.9	...	...

See Census of Agriculture - Notes

Source: Statistics Canada, Census of Agriculture. For more information visit the Statistics Canada web site at: [www.statcan.gc.ca](http://www.statcan.gc.ca)

Table 107 (Cont'd.): Census of Agriculture, Profile for Alberta, 1996-2016

	1996	2001	2006	2011	2016	% of Total	% Chg. '16/'11
	<b>Acres</b>					<b>%</b>	<b>%</b>
<b>Land Management Practices (6)</b>							
Commercial Fertilizer.....	17,375,043	16,556,173	17,211,462	17,571,243	19,389,984	...	10.4
Lime.....	-	-	29,942	25,757	54,217	...	110.5
Herbicides.....	14,949,086	16,368,127	15,858,085	17,658,829	19,666,602	...	11.4
Insecticides or Fungicides.....	2,082,940	2,186,122	2,832,747	4,480,268	7,041,170	...	57.2
Trace Minerals and Nutrients (7).....	-	-	-	-	1,962,676	...	-
Irrigation.....	1,276,535	1,233,649	1,325,929	1,241,411	1,517,089	...	22.2
Total Land Prepared for Seeding	18,761,116	18,465,784	18,726,144	19,945,813	21,909,580	100.0	9.8
Tillage Incorporating Crop Residue.....	10,657,824	6,847,096	4,589,714	2,543,229	2,539,408	11.6	-0.2
Tillage Retaining Crop Residue on Surface.....	6,166,922	6,550,489	5,185,594	4,477,959	4,193,223	19.1	-6.4
No-till or Zero-till Seeding.....	1,936,370	5,068,199	8,950,836	12,924,625	15,176,949	69.3	17.4
Crop Residue Baled.....	-	-	-	2,236,814	2,761,430	...	23.5
	<b>% of Farms</b>					<b>%</b>	<b>%</b>
<b>Soil Conservation Practices and Features</b>							
Crop Rotation.....	55.7	58.2	59.3	56.6	T	...	...
Winter Cover Crops .....	3.0	2.3	3.9	2.7	3.4	...	...
Windbreaks or Shelterbelts .....	18.7	18.2	50.2	39.3	50.7	...	...
Green Crops for Plough-down .....	-	2.9	5.7	5.4	3.3	...	...
Manure Applied .....	-	-	37.6	49.7	T	...	...
Buffer Zones Around Water Bodies .....	-	-	18.5	19.0	T	...	...
Rotational Grazing .....	-	-	43.7	35.1	33.3	...	...
In-field Winter Grazing or Feeding.....	-	-	-	25.7	27.5	...	...
Nutrient Management Planning .....	-	-	-	16.8	T	...	...
	<b>Acres</b>					<b>%</b>	<b>%</b>
<b>Total Land in Crops</b> .....	<b>23,590,033</b>	<b>24,038,861</b>	<b>23,775,509</b>	<b>24,102,289</b>	<b>25,261,781</b>	<b>100.0</b>	<b>4.8</b>
% Change From Previous Census Year.....	2.7	1.9	-1.1	1.4	4.8	...	...
<b>Selected Field Crops Grown</b>							
<b>Grains</b> .....	<b>14,818,647</b>	<b>13,645,690</b>	<b>12,327,276</b>	<b>11,483,988</b>	<b>11,594,888</b>	<b>45.9</b>	<b>1.0</b>
Total Wheat.....	7,324,846	6,852,596	6,467,628	6,703,703	7,008,542	27.7	4.5
Spring Wheat (excluding durum).....	6,448,110	5,809,275	5,768,705	5,971,359	5,728,527	22.7	-4.1
Durum Wheat.....	781,627	962,906	570,771	536,018	1,101,498	4.4	105.5
Winter Wheat.....	95,109	80,415	128,152	196,326	178,517	0.7	-9.1
Oats .....	1,386,179	1,364,674	1,269,229	891,580	822,185	3.3	-7.8
Barley .....	5,775,824	4,902,090	4,094,689	3,610,111	3,413,856	13.5	-5.4
Mixed Grains.....	226,374	404,174	373,005	201,511	242,206	1.0	20.2
Corn for Grain.....	2,559	5,018	4,326	17,148	40,884	0.2	138.4
Rye Total.....	102,865	117,138	118,399	59,935	67,215	0.3	12.1
Fall Rye.....	80,701	89,480	105,059	50,616	62,089	0.2	22.7
Spring Rye.....	22,164	27,658	13,340	9,319	5,126	0.0	-45.0
<b>Oilseeds</b> .....	<b>3,188,142</b>	<b>2,702,432</b>	<b>4,133,352</b>	<b>6,151,215</b>	<b>6,258,309</b>	<b>24.8</b>	<b>1.7</b>
Canola.....	3,151,296	2,660,509	4,068,511	6,071,744	6,165,746	24.4	1.5
Flaxseed.....	34,082	40,219	60,372	69,743	78,619	0.3	12.7
Soybeans.....	1,059	88	2,677	3,693	6,865	0.0	85.9
Sunflowers.....	1,705	1,616	1,792	6,035	7,079	0.0	17.3
<b>Hay and Fodder Crops</b> .....	<b>4,765,965</b>	<b>6,232,188</b>	<b>6,066,400</b>	<b>5,219,532</b>	<b>4,418,489</b>	<b>17.5</b>	<b>-15.3</b>
Corn for Silage.....	12,800	36,814	70,411	95,861	200,267	0.8	108.9
Alfalfa and Alfalfa Mixtures.....	2,997,653	3,915,607	3,935,022	3,657,114	3,056,701	12.1	-16.4
All Other Tame Hay and Fodder Crops.....	1,755,512	2,279,767	2,060,967	1,466,557	1,161,521	4.6	-20.8
<b>Other Field Crops</b>							
Forage Seed.....	236,974	409,251	244,615	131,933	164,070	0.6	24.4
Potatoes.....	31,488	58,341	54,759	53,440	53,912	0.2	0.9
Mustard Seed.....	91,909	57,116	62,538	62,958	134,262	0.5	113.3
Sugar Beets.....	36,231	29,726	38,803	33,314	28,259	0.1	-15.2
Triticale.....	25,675	68,412	76,299	40,762	50,440	0.2	23.7
Dry Field Peas.....	286,037	608,217	587,263	706,726	1,909,491	7.6	170.2
Total Dry Field Beans.....	28,416	150,006	102,788	57,811	123,593	0.5	113.8
<b>Vegetables Grown for Sale (excluding greenhouse)</b> .....	<b>13,743</b>	<b>14,194</b>	<b>13,193</b>	<b>10,716</b>	<b>10,108</b>	<b>0.0</b>	<b>-5.7</b>

See Census of Agriculture - Notes T = Terminated

Source: Statistics Canada, Census of Agriculture. For more information visit the Statistics Canada web site at: [www.statcan.gc.ca](http://www.statcan.gc.ca)

Table 107 (Cont'd.): Census of Agriculture, Profile for Alberta, 1996-2016

	1996	2001	2006	2011	2016	% of Total	% Chg. '16/'11
<b>Square Feet</b>						<b>%</b>	<b>%</b>
<b>Greenhouse Area in Use</b> .....	<b>7,959,527</b>	<b>10,556,535</b>	<b>12,432,719</b>	<b>12,861,869</b>	<b>12,647,517</b>	<b>100.0</b>	<b>-1.7</b>
Flowers (cut, bedding plants, etc.).....	4,257,565	5,030,590	5,794,901	4,785,343	5,203,806	41.1	8.7
Vegetables.....	2,752,860	3,644,696	4,729,622	6,281,029	6,816,967	53.9	8.5
Other Greenhouse Products (8).....	949,102	1,881,249	1,908,196	1,795,497	626,744	5.0	-65.1
<b>Growing Area for Mushrooms</b> .....	<b>497,304</b>	<b>470,020</b>	<b>497,304</b>	<b>x</b>	<b>x</b>	<b>-</b>	<b>-</b>
<b>Number</b>						<b>%</b>	<b>%</b>
<b>Farms Reporting Certified Organic Production</b> .....	<b>-</b>	<b>197</b>	<b>230</b>	<b>290</b>	<b>354</b>	<b>100.0</b>	<b>22.1</b>
Hay or Field Crops.....	-	142	193	256	T	-	-
Fruits, Vegetables or Greenhouse Products.....	-	21	31	21	T	-	-
Herbs, Spices or Garlic Products.....	-	-	-	9	T	-	-
Animals or Animal Products.....	-	60	84	66	T	-	-
<b>Farms Reporting Transitional Organic Production</b> .....	<b>-</b>	<b>-</b>	<b>26</b>	<b>42</b>	<b>97</b>	<b>100.0</b>	<b>131.0</b>
<b>Livestock and Poultry on Farms at May 10, 2016</b>							
<b>Total Cattle and Calves</b> .....	<b>5,942,257</b>	<b>6,615,201</b>	<b>6,369,116</b>	<b>5,104,605</b>	<b>5,206,999</b>	<b>100.0</b>	<b>2.0</b>
Total Cows.....	2,119,719	2,183,332	2,114,716	1,611,085	1,656,368	31.8	2.8
Dairy Cows.....	102,830	84,044	78,875	80,694	80,014	1.5	-0.8
Beef Cows.....	2,016,889	2,099,288	2,035,841	1,530,391	1,576,354	30.3	3.0
Total Heifers.....	952,563	1,159,329	1,119,315	989,230	903,173	17.3	-8.7
Heifers for Dairy Herd Replacement.....	-	38,485	37,803	40,388	39,551	0.8	-2.1
Heifers for Beef Herd Replacement.....	-	359,291	275,683	264,372	289,788	5.6	9.6
Heifers for Slaughter or Feeding.....	-	761,553	805,829	684,470	573,834	11.0	-16.2
Bulls - One Year and Over.....	118,600	111,379	109,753	90,813	94,913	1.8	4.5
Steers - One Year and Over.....	892,696	991,554	974,559	819,409	902,839	17.3	10.2
Calves - Under One Year.....	1,858,679	2,169,607	2,050,773	1,594,068	1,649,706	31.7	3.5
<b>Other Livestock and Poultry</b>							
Pigs.....	1,729,810	2,027,533	2,052,067	1,397,534	1,462,247	...	4.6
Sheep and Lambs.....	259,817	307,302	222,340	202,903	195,511	...	-3.6
Horses and Ponies.....	149,960	159,962	155,533	139,410	108,702	...	-22.0
Bison (Buffalo).....	22,782	79,731	97,366	57,483	54,907	...	-4.5
Deer and Elk.....	10,687	39,635	42,748	18,630	13,065	...	-29.9
Total Hens and Chickens.....	9,485,635	12,175,246	11,757,860	11,956,949	14,125,401	...	18.1
Total Turkeys.....	842,798	864,438	703,462	706,902	768,529	...	8.7
Chicks and Poults Hatched in Commercial Hatcheries.....	58,452,442	71,319,860	63,625,470	68,224,440	79,530,375	...	16.6
Colonies of Honey Bees.....	170,288	209,821	230,894	235,951	304,846	...	29.2
Gallons of Other Pollinating Bees.....	-	-	89,580	189,510	199,848	...	5.5
<b>Kilograms</b>						<b>%</b>	<b>%</b>
<b>Poultry Production</b>							
Broilers, Roasters and Cornish.....	72,660,726	105,387,692	115,766,269	124,468,680	136,914,883	...	10.0
Turkey.....	12,984,255	15,068,034	16,054,282	16,958,259	18,544,695	...	9.4
<b>Number of Farms</b>						<b>%</b>	<b>%</b>
<b>Operating Arrangements of Farms (9)</b>							
<b>Sole Proprietorship</b> .....	<b>35,938</b>	<b>30,409</b>	<b>27,815</b>	<b>24,459</b>	<b>21,328</b>	<b>52.5</b>	<b>-12.8</b>
<b>Total Partnership</b> .....	<b>16,672</b>	<b>16,147</b>	<b>13,920</b>	<b>10,947</b>	<b>9,015</b>	<b>22.2</b>	<b>-17.6</b>
Partnership With a Written Agreement.....	2,664	2,135	1,458	1,239	1,177	2.9	-5.0
Partnership With No Written Agreement.....	14,008	14,012	12,462	9,708	7,838	19.3	-19.3
<b>Total Corporation</b> .....	<b>6,209</b>	<b>6,857</b>	<b>7,411</b>	<b>7,592</b>	<b>10,090</b>	<b>24.8</b>	<b>32.9</b>
Family Corporation.....	5,248	6,124	6,714	6,821	9,287	22.9	36.2
Non-Family Corporation.....	961	733	697	771	803	2.0	4.2
<b>Other Types</b> .....	<b>188</b>	<b>239</b>	<b>285</b>	<b>236</b>	<b>205</b>	<b>0.5</b>	<b>-13.1</b>
<b>Total Farms</b> .....	<b>59,007</b>	<b>53,652</b>	<b>49,431</b>	<b>43,234</b>	<b>40,638</b>	<b>100.0</b>	<b>-6.0</b>
<b>Current Dollars</b>						<b>%</b>	<b>%</b>
<b>Value of Farm Capital</b>							
<b>Total Capital (\$'000)</b> .....	<b>40,150,414</b>	<b>55,256,378</b>	<b>71,781,210</b>	<b>95,571,931</b>	<b>143,927,544</b>	<b>100.0</b>	<b>50.6</b>
Land and Buildings (\$'000).....	28,733,732	38,872,514	57,101,345	80,371,125	118,286,315	82.2	47.2
Farm Machinery and Equipment (\$'000) (10).....	7,466,999	8,684,163	9,680,138	10,933,208	14,604,747	10.1	33.6
Livestock and Poultry (\$'000).....	3,949,683	7,699,701	4,999,727	4,267,598	11,036,482	7.7	158.6
Average Per Reporting Farm (\$).....	680,435	1,029,903	1,452,150	2,210,573	3,541,699	...	60.2

See Census of Agriculture - Notes T = Terminated

Source: Statistics Canada, Census of Agriculture. For more information visit the Statistics Canada web site at: www.statcan.gc.ca

Table 107 (Cont'd.): Census of Agriculture, Profile for Alberta, 1996-2016

	1996	2001	2006	2011	2016	% of Total	% Chg. '16/'11
<b>Gross Farm Receipts (11)</b>	<b>Current Dollars</b>					<b>%</b>	<b>%</b>
<b>Total Receipts (\$'000)</b> .....	<b>7,911,131</b>	<b>9,919,447</b>	<b>9,889,045</b>	<b>11,436,181</b>	<b>17,729,972</b>	...	<b>55.0</b>
Average Per Reporting Farm (\$)	134,071	184,885	200,058	264,518	436,290	...	64.9
<b>Farms by Class of Gross Farm Receipts (11)</b>	<b>Number of Farms</b>					<b>%</b>	<b>%</b>
Under \$10,000.....	12,895	10,089	9,791	7,707	5,779	14.2	-25.0
\$10,000 - \$24,999.....	10,466	9,565	8,720	7,862	6,009	14.8	-23.6
<b>Under \$25,000.....</b>	<b>23,361</b>	<b>19,654</b>	<b>18,511</b>	<b>15,569</b>	<b>11,788</b>	<b>29.0</b>	<b>-24.3</b>
<b>\$25,000 - \$49,999.....</b>	<b>9,057</b>	<b>8,335</b>	<b>7,170</b>	<b>6,051</b>	<b>5,165</b>	<b>12.7</b>	<b>-14.6</b>
<b>\$50,000 - \$99,999.....</b>	<b>9,689</b>	<b>8,526</b>	<b>7,448</b>	<b>5,934</b>	<b>5,516</b>	<b>13.6</b>	<b>-7.0</b>
<b>Over \$100,000.....</b>	<b>16,900</b>	<b>17,137</b>	<b>16,302</b>	<b>15,680</b>	<b>18,169</b>	<b>44.7</b>	<b>15.9</b>
\$100,000 - \$249,999.....	11,126						
\$250,000 - \$499,999.....	3,811	4,230	4,333	4,211	4,503	11.1	6.9
<b>\$500,000 and Over.....</b>	<b>1,963</b>	<b>2,776</b>	<b>3,164</b>	<b>4,454</b>	<b>6,601</b>	<b>16.2</b>	<b>48.2</b>
\$500,000 - \$999,999.....	-	1,628	1,871	2,494	3,356	8.3	34.6
\$1,000,000 - \$1,999,999.....	-	625	688	1,175	1,909	4.7	62.5
\$2,000,000 and over.....	-	523	605	785	1,336	3.3	70.2
<b>Total Farms Classified.....</b>	<b>59,007</b>	<b>53,652</b>	<b>49,431</b>	<b>43,234</b>	<b>40,638</b>	<b>100.0</b>	<b>-6.0</b>
<b>Farm Operating Expenses (12)</b>	<b>Current Dollars</b>					<b>%</b>	<b>%</b>
<b>Total Expenses (\$'000)</b> .....	<b>6,669,475</b>	<b>8,908,533</b>	<b>8,791,632</b>	<b>9,710,680</b>	<b>14,968,956</b>	...	<b>54.1</b>
Average Per Reporting Farm.....	113,029	166,043	177,857	224,607	368,349	...	64.0
<b>Renewable Energy Producing Systems (7)</b>	<b>Number of Farms</b>					<b>%</b>	<b>%</b>
<b>Total Farms Reporting.....</b>	-	-	-	-	<b>1,928</b>	...	-
% of Total Farms .....	-	-	-	-	4.7	...	-
Solar Panels .....	-	-	-	-	1,761	...	-
Wind Turbines.....	-	-	-	-	258	...	-
Other Renewable Energy Producing Systems.....	-	-	-	-	44	...	-
<b>Farms Selling Directly to Consumers (7)</b>	<b>Number of Farms</b>					<b>%</b>	<b>%</b>
<b>Total Farms Reporting.....</b>	-	-	-	-	<b>2,062</b>	...	-
% of Total Farms .....	-	-	-	-	5.1	...	-
Unprocessed Agricultural Products Sold .....	-	-	-	-	1,986	...	-
Using Farm Gate Sales, Stands, Kiosks, U-pick.....	-	-	-	-	1,761	...	-
Using Farmers' Markets.....	-	-	-	-	425	...	-
<b>Farms Reporting Written Succession Plan (7)</b>	<b>Number of Farms</b>					<b>%</b>	<b>%</b>
<b>Total Farms Reporting.....</b>	-	-	-	-	<b>3,440</b>	...	-
% of Total Farms .....	-	-	-	-	8.5	...	-
Successor - Family Member(s).....	-	-	-	-	3,335	...	-
Successor - Non-Family Member(s).....	-	-	-	-	112	...	-
<b>Use of Technologies Used on Farm Operation (7)</b>	<b>Number of Farms</b>					<b>%</b>	<b>%</b>
Computers/Laptops for Farm Management	-	-	-	-	23,725	...	...
Smartphones/tablets for Farm Management	-	-	-	-	19,093	...	...
GPS Technology	-	-	-	-	13,684	...	...
Automated Steering (auto-steer)	-	-	-	-	10,462	...	...
<b>Paid Agricultural Labour</b>	<b>Number of Farms</b>					<b>%</b>	<b>%</b>
<b>Total Farms Reporting.....</b>	<b>23,890</b>	<b>21,218</b>	<b>17,195</b>	<b>12,798</b>	<b>9,565</b>	...	<b>-25.3</b>
Year Round Paid Labour (full or part-time).....	-	10,641	8,754	6,467	6,728	...	4.0
Seasonal or Temporary Paid Labour.....	-	13,587	10,872	8,687	6,093	...	-29.9
	<b>Number of Employees</b>					<b>%</b>	<b>%</b>
<b>Total Agricultural Employees .....</b>	-	-	-	<b>37,852</b>	<b>33,498</b>	100.0	-11.5
Year Round Employees .....	-	-	-	15,598	16,661	49.7	6.8
Seasonal or Temporary Employees.....	-	-	-	22,254	16,837	50.3	-24.3
	<b>Number of Weeks</b>					<b>%</b>	<b>%</b>
<b>Total Weeks Worked by All Employees .....</b>	<b>1,008,064</b>	<b>1,084,852</b>	<b>959,231</b>	<b>898,452</b>	T	-	-
Weeks Worked by Year Round Employees .....	-	-	-	657,073	T	-	-
Weeks Worked by Seasonal or Temporary Employees.....	-	-	-	241,379	T	-	-

See Census of Agriculture - Notes T = Terminated

Source: Statistics Canada, Census of Agriculture. For more information visit the Statistics Canada web site at: [www.statcan.gc.ca](http://www.statcan.gc.ca)

Table 108: Census of Agriculture, Alberta Farm Operators, 2001-2016

	2001	2006	2011	2016	% of Total	% Chg. '16/'11
	<b>Number</b>				<b>%</b>	<b>%</b>
<b>Total Census Farms</b> .....	<b>53,652</b>	<b>49,431</b>	<b>43,234</b>	<b>40,638</b>	...	<b>-6.0</b>
<b>Total Farm Operators (13) (14)</b> .....	<b>76,195</b>	<b>71,660</b>	<b>62,050</b>	<b>57,605</b>	<b>100.0</b>	<b>-7.2</b>
Total Operators on Farms with One Operator.....	32,025	28,045	25,155	23,225	40.3	-7.7
Total Operators on Farms with Two or More Operators.....	44,170	43,620	36,890	34,380	59.7	-6.8
<b>Average Age of Farm Operators</b>	<b>Years</b>				<b>%</b>	<b>%</b>
All Farm Operators.....	49.9	52.2	54.5	55.7	...	2.2
On Farms With One Operator.....	51.7	53.8	56.2	56.6	...	0.7
On Farms With Two or More Operators.....	48.6	51.2	53.3	55.0	...	3.2
	<b>Number</b>				<b>%</b>	<b>%</b>
<b>Total Operators on All Farms</b>	<b>76,195</b>	<b>71,660</b>	<b>62,050</b>	<b>57,605</b>	<b>100.0</b>	<b>-7.2</b>
Male.....	54,565	50,190	44,075	39,845	69.2	-9.6
Female.....	21,635	21,470	17,975	17,760	30.8	-1.2
<b>Total Operators on Farms With One Operator</b>	<b>32,025</b>	<b>28,045</b>	<b>25,155</b>	<b>23,225</b>	<b>100.0</b>	<b>-7.7</b>
Male.....	29,530	25,670	23,010	20,410	87.9	-11.3
Female.....	2,490	2,370	2,145	2,805	12.1	30.8
<b>Total Operators on Farms With Two or More Operators</b>	<b>44,170</b>	<b>43,620</b>	<b>36,890</b>	<b>34,380</b>	<b>100.0</b>	<b>-6.8</b>
Male.....	25,040	24,525	21,065	19,435	56.5	-7.7
Female.....	19,135	19,095	15,830	14,955	43.5	-5.5
<b>Operators by Age on All Farms</b>	<b>76,195</b>	<b>71,660</b>	<b>62,050</b>	<b>57,605</b>	<b>100.0</b>	<b>-7.2</b>
Under 35 years.....	8,900	6,290	4,550	4,910	8.5	7.9
35 to 54 years.....	40,430	35,935	26,720	20,155	35.0	-24.6
55 years and over.....	26,875	29,440	30,785	32,535	56.5	5.7
<b>Operators by Age on Farms With One Operator</b>	<b>32,025</b>	<b>28,045</b>	<b>25,155</b>	<b>23,225</b>	<b>100.0</b>	<b>-7.7</b>
Under 35 years.....	3,070	2,045	1,370	1,890	8.1	38.0
35 to 54 years.....	16,130	13,335	10,125	7,630	32.9	-24.6
55 years and over.....	12,815	12,665	13,665	13,700	59.0	0.3
<b>Operators by Age on Farms With Two or More Operators</b>	<b>44,170</b>	<b>43,620</b>	<b>36,890</b>	<b>34,380</b>	<b>100.0</b>	<b>-6.8</b>
Under 35 years.....	5,825	4,245	3,180	3,020	8.8	-5.0
35 to 54 years.....	24,295	22,605	16,595	12,525	36.4	-24.5
55 years and over.....	14,050	16,780	17,120	18,835	54.8	10.0
<b>Operators by Average Hours Per Week Worked for the Agricultural Operation</b>						
<b>Less than 20 hours</b> .....	<b>18,965</b>	<b>20,465</b>	<b>19,660</b>	<b>18,905</b>	<b>32.8</b>	<b>-3.8</b>
<b>20 to 40 hours</b> .....	<b>21,935</b>	<b>19,970</b>	<b>18,905</b>	<b>18,370</b>	<b>31.9</b>	<b>-2.8</b>
20 to 29 hours .....	-	-	10,195	9,685	16.8	-5.0
30 to 40 hours.....	-	-	8,710	8,685	15.1	-0.3
<b>More than 40 hours</b> .....	<b>35,290</b>	<b>31,225</b>	<b>23,480</b>	<b>20,325</b>	<b>35.3</b>	<b>-13.4</b>
<b>Operators Reporting Paid Non-Farm Work (15)</b>						
None.....	38,720	32,560	29,805	30,355	52.7	1.8
<b>Less than 20 hours per week</b> .....	<b>7,380</b>	<b>7,560</b>	<b>5,860</b>	<b>5,360</b>	<b>9.3</b>	<b>-8.5</b>
<b>20 to 40 hours per week</b> .....	<b>14,750</b>	<b>14,190</b>	<b>13,520</b>	<b>12,050</b>	<b>20.9</b>	<b>-10.9</b>
20 to 29 hours .....	-	-	4,680	3,855	6.7	-17.6
30 to 40 hours.....	-	-	8,840	8,195	14.2	-7.3
<b>More than 40 hours per week</b> .....	<b>15,345</b>	<b>17,355</b>	<b>12,865</b>	<b>9,835</b>	<b>17.1</b>	<b>-23.6</b>

See Census of Agriculture - Notes

Source: Statistics Canada, Census of Agriculture. For more information visit the Statistics Canada web site at: [www.statcan.gc.ca](http://www.statcan.gc.ca)