

## The Land and Precipitation

	Acres	% of Total
<b>Total Land Area</b> .....	<b>157,710,720</b>	
Farm Land Area (2011 Census of Agriculture) .....	50,498,834	100.0
Cultivated Land Area .....	31,285,847	62.0
Land in Crops .....	24,102,289	47.7
Summerfallow .....	1,263,051	2.5
Tame or Seeded Pasture.....	5,920,507	11.7
Natural Land for Pasture.....	15,903,273	31.5
All Other Land .....	3,309,714	6.6

**Total irrigated area in 2012 = 1.68 million acres or 5.25% of the total cultivated land area in Alberta.**

In 2012, the irrigation districts in Alberta accounted for 1.37 million acres. The breakdown of irrigated crop acres was: forages (32%), cereals (31%), canola (14%), canola seed (3%), dry beans (3%), potatoes (3%), sugar beets (2%), alfalfa seed (2%), and all other crops (10%). Types of irrigation systems practiced were: centre pivot sprinkler (76.0%), side-roll-wheel-move sprinkler (13.6%), gravity or "flood" (9.6%), and other irrigation systems (0.8%).

Precipitation (millimetres)	1961-2012		
<i>April 1 to September 30 Cropping Season</i>	Average	2011r	2012p
Medicine Hat.....	242.5	174.7	244.5
Calgary.....	332.0	376.3	312.5
Lacombe.....	346.6	381.7	305.8
Wainwright.....	294.5	172.7	347.2
Oliver (near Edmonton) .....	330.7	269.8	355.0
Beaverlodge.....	291.4	292.4	180.7

## Population and Farms

	2011r	2012p	% Chg.
<b>Population on July 1st</b> <sup>(1)</sup> .....	<b>3,778,072</b>	<b>3,873,745</b>	<b>2.5</b>
% of Canadian Population .....	11.0%	11.1%	

	2011	% of Total
<b>Population on May 10, 2011</b> <sup>(2)</sup> .....	<b>3,645,257</b>	<b>100.0</b>
Urban Population.....	3,030,402	83.1
Rural Population.....	614,855	16.9

<b>Number of Census Farms on May 10, 2011</b> <sup>(2)</sup> .....	<b>43,234</b>
<b>Average Farm Size</b> .....	<b>1,168 acres</b>

<b>Types of Farms</b> <sup>(3)</sup>	2011	% of Total
Cattle (Beef).....	12,022	27.8
Other Animal Production.....	7,881	18.2
Grain and Oilseed (excl. Wheat).....	10,609	24.5
Wheat .....	2,083	4.8
Other Field Crops (excl. Grain and Oilseed).....	8,227	19.0
Other Crop Farming.....	2,412	5.6

(1) Source: Statistics Canada, Catalogue no. 91-002.

(2) Source: Statistics Canada, 2011 Census of Population and Census of Agriculture.

(3) Farm type classified by North American Industry Classification System.

## Employed Labour Force

	2011	2012	% Chg.
<b>Total Employed Labour Force</b> .....	<b>2,094,100</b>	<b>2,149,600</b>	<b>2.7</b>
<b>Agri-Food Industries</b> .....	<b>73,200</b>	<b>75,900</b>	<b>3.7</b>
Agriculture .....	51,800	56,200	8.5
Crop Production.....	15,700	22,000	40.1
Animal Production.....	30,200	28,100	-7.0
Mixed Farming .....	4,000	3,800	-5.0
Support Activities for Agriculture .....	1,900	2,200	15.8
Food and Beverage Manufacturing.....	21,400	19,700	-7.9
<b>Food - Retail Trade and Services</b> .....	<b>154,900</b>	<b>158,600</b>	<b>2.4</b>
Food and Beverage Retail Stores .....	53,100	52,700	-0.8
Food Services and Drinking Places.....	101,800	105,900	4.0

## Real Gross Domestic Product at Basic Prices (\$ Millions)

Alberta's real gross domestic product for agri-food industries increased for the third consecutive year, reaching \$6.6 billion in 2012.

	2011r	2012p	% Chg.
<i>In Chained (2007) Dollars</i>			
<b>All Industries</b> .....	<b>266,388.7</b>	<b>276,908.2</b>	<b>3.9</b>
<b>Agri-Food Industries</b> .....	<b>6,594.4</b>	<b>6,601.4</b>	<b>0.1</b>
Agriculture .....	3,749.9	3,697.0	-1.4
Food and Beverage Manufacturing.....	2,844.5	2,904.4	2.1

## Consumer Price Index and Financial Rates (Annual Averages)

	2011	2012	% Chg.
<b>Consumer Price Index (CPI) (2002=100)</b>			
<b>Alberta - All Items</b> .....	<b>125.7</b>	<b>127.1</b>	<b>1.1</b>
Food .....	125.6	128.1	2.0
Fresh or Frozen Meat (excl. Poultry).....	121.2	131.3	8.3
Fresh or Frozen Poultry Meat .....	124.9	134.3	7.5
Fresh Fruit.....	101.4	108.4	6.9
Fresh Vegetables.....	104.0	94.7	-8.9
Dairy Products.....	136.2	138.8	1.9

<b>Financial Rates</b>	2010	2011	2012
Canada Bank Rate (%).....	0.85	1.25	1.25
Canada Prime Business Loan Rate (%).....	2.60	3.00	3.00
Exchange Rate - US \$ Per Canadian \$ .....	0.9708	1.0108	1.0006

## Farm Cash Receipts (\$ Millions)

Alberta's farm cash receipts (FCR) reached a new record high of \$12.0 billion in 2012, up 14.1% from 2011, and led all provinces in total FCR. The marked increase was due to substantially higher crop market receipts coupled with increases in livestock market receipts and program payments to producers. FCR is the sum of crop and livestock market receipts plus direct program payments to producers. Alberta accounted for 22.4% of total Canadian FCR in 2012, and led the nation with \$3.4 billion in cattle and calf receipts.

	2011r	2012p	% Chg.
<b>Total Farm Cash Receipts</b> .....	<b>10,515.3</b>	<b>12,001.9</b>	<b>14.1</b>
<b>Crop Market Receipts</b> .....	<b>5,177.7</b>	<b>6,338.9</b>	<b>22.4</b>
Wheat.....	1,594.0	2,056.7	29.0
Oats.....	48.2	38.8	-19.4
Barley.....	247.6	277.4	12.0
Dry Peas.....	255.3	291.0	14.0
Canola.....	2,626.3	3,076.8	17.2
Sugar Beets .....	36.1	37.2	3.1
Potatoes .....	142.2	176.5	24.1
Vegetables.....	69.5	74.9	7.8
Floriculture and Nursery .....	102.5	103.4	0.9
Other Crops .....	56.0	206.1	267.8
<b>Livestock and Products Market Receipts</b> .....	<b>4,656.4</b>	<b>4,893.8</b>	<b>5.1</b>
Cattle and Calves .....	3,214.8	3,402.5	5.8
Hogs.....	416.5	412.5	-1.0
Lambs.....	21.6	17.8	-17.8
Dairy Products.....	504.1	520.7	3.3
Poultry, Hatcheries and Eggs.....	301.1	330.1	9.6
Honey.....	58.0	63.2	9.0
Other Livestock and Products.....	140.1	147.1	5.0
<b>Total Market Receipts</b> .....	<b>9,834.0</b>	<b>11,232.7</b>	<b>14.2</b>
<b>Direct Program Payments</b> .....	<b>681.3</b>	<b>769.2</b>	<b>12.9</b>
Crop and Hail Insurance .....	364.0	567.8	56.0
AgriStability.....	198.0	90.0	-54.5
AgriRecovery .....	21.3	21.4	0.3
AgriInvest.....	90.0	75.3	-16.3
Other Payments .....	7.9	14.6	84.5

## Livestock Industry

Alberta continues to be the largest beef producing province in Canada. As of July 1, 2012, the province led the nation in cattle and calf inventories and accounted for 40.0% of the national herd. In 2012, nearly three-quarters of Canadian beef processing occurred in Western Canada (72.4%), with the vast majority concentrated in Alberta.

	2011	2012p	% Chg.
<b>Livestock on Farms (Head), July 1st</b>			
Cattle and Calves .....	5,415,000	5,410,000	-0.1
Bulls .....	91,000	91,700	0.8
Milk Cows and Dairy Heifers.....	121,900	122,400	0.4
Beef Cows and Beef Heifers .....	1,851,500	1,857,900	0.3
Calves .....	1,725,900	1,735,600	0.6
Slaughter Steers and Heifers .....	1,624,700	1,602,400	-1.4
Pigs.....	1,400,000	1,410,000	0.7
Sheep and Lambs .....	203,000	201,000	-1.0

<b>Livestock Slaughtered (Head)</b>	2011	2012p	% Chg.
Cattle and Calves <sup>(1)</sup> .....	2,211,271	2,015,877	-8.8
Hogs.....	2,507,035	2,406,048	-4.0

<b>Production Quantity (tonnes)</b>	2011	2012p	% Chg.
Beef (e) <sup>(2)</sup> .....	787,040	731,565	-7.0
Pork (e) .....	227,859	221,248	-2.9

<b>Meat Product Manufacturing Sales (\$ Millions)</b>	2011r	2012p	% Chg.
Meat Product Manufacturing Industries <sup>(3)</sup> ...	4,915.8	5,924.4	20.5

<b>Value of International Exports (\$ Millions)</b>	2011	2012p	% Chg.
Beef and Veal (incl. Offal) .....	969	852	-12.1
Pork (incl. Offal).....	412	365	-11.3

<b>Farm Cash Receipts (\$ Millions)</b>	2011	2012p	% Chg.
Livestock and Livestock Products.....	4,656.4	4,893.8	5.1
% of Total Farm Cash Receipts .....	44.3%	40.8%	

<b>Selected Prices</b>	2011	2012
Slaughter Steers, Alberta Direct Packer Sales* (\$/100 lbs) ...	\$105.83	\$111.91
Central Alberta Steer Calves, 500-600 lbs* (\$/100 lbs) .....	\$151.58	\$166.22
Alberta Average Slaughter Hogs Index 100 Dressed (\$/kg)....	\$1.56	\$1.51

\* Live Weight Basis

(1) Federally and provincially inspected slaughter in Western Canada, irrespective of origin.

Alberta data unavailable.

(2) Beef production in Western Canada, Alberta data unavailable.

(3) Includes poultry processing.

## Dairy Production

<i>Dairy Year From August 1 to July 31</i>	2010-11r	2011-12p	% Chg.
Milk Production ('000 litres) .....	649,987	679,175	4.5

## Poultry and Egg Production

	2011r	2012p	% Chg.
Chicken Meat (tonnes*) .....	95,488	99,387	4.1
Turkey Meat (tonnes*) .....	14,768	15,967	8.1
Egg Production ('000 Dozen) .....	51,422	53,956	4.9

\* Eviscerated Weight

## Beekeeping Industry

	2011r	2012p	% Chg.
Honey Production (tonnes).....	15,445	18,380	19.0
Value of Honey Produced (\$'000) .....	59,168	65,938	11.4

## Selected Alternative Livestock Inventory (Head)

	2011	2012p	% Chg.
Whitetail Deer and Mule Deer.....	2,184	1,559	-28.6
Elk.....	15,772	13,327	-15.5

## Crops

	Harvested Area ('000 acres)		Production ('000 tonnes)	
	2011r	2012p	2011r	2012p
<b>Principal Field Crops</b>				
Winter Wheat .....	180.0	130.0	261.3	206.8
Spring Wheat .....	5,907.0	5,735.0	7,957.8	7,429.9
Durum Wheat.....	530.0	580.0	620.5	732.1
<b>All Wheat</b> .....	<b>6,617.0</b>	<b>6,445.0</b>	<b>8,839.6</b>	<b>8,368.8</b>
Oats.....	585.0	420.0	738.7	518.2
Barley.....	3,200.0	3,400.0	4,668.0	4,463.3
Fall Rye.....	50.0	30.0	54.0	34.3
Mixed Grains.....	50.0	10.0	79.6	10.5
Flaxseed .....	68.0	50.0	54.7	41.9
Canola .....	5,970.0	6,430.0	5,347.9	4,898.8
Dry Beans.....	41.0	43.0	44.0	44.7
Dry Peas.....	695.0	935.0	805.6	1,036.8
Mustard Seed.....	62.5	93.0	26.8	35.9
Triticale.....	18.0	17.0	21.6	19.1
Tame Hay.....	4,750.0	4,600.0	7,937.9	7,711.1
Fodder Corn.....	85.0	50.0	1,388.0	784.7
Sugar Beets .....	30.0	25.0	703.1	598.7
<b>Summerfallow</b> .....	<b>1,307</b>	<b>1,100</b>	n/a	n/a

<b>Commercial Fresh Vegetables and Fruits</b>	(acres)		(tonnes)	
	2011r	2012p	2011r	2012p
Beans .....	x	310	x	410
Carrots .....	266	281	1,851	1,943
Corn, Sweet.....	3,988	3,253	12,667	13,791
Onions, Dry.....	x	x	x	x
Peas, Green .....	3,089	3,114	3,776	4,159
Raspberries .....	92	75	33	29
Strawberries .....	133	190	91	134

<b>Value of International Exports (\$ Millions)</b>	2011r	2012p	% Chg.
Total Crops .....	3,993	4,877	22.1
Wheat .....	1,915	2,276	18.8
Canola Seed.....	1,652	1,873	13.4
Barley .....	120	188	56.7
Other Crops .....	306	540	76.4

<b>Farm Cash Receipts (\$ Millions)</b>	2011r	2012p	% Chg.
Total Crops .....	5,177.7	6,338.9	22.4
% of Total Farm Cash Receipts.....	49.2%	52.8%	

## Value of Principal Field Crops (\$/tonne)

	2008-09	2009-10	2010-11	2011-12
No.1 CW Red Spring Wheat (13.5%)* .....	260.49	186.19	293.94	273.00
No.1 CW Amber Durum Wheat (13%)*.....	324.27	155.04	251.92	295.01
Oats (feedmill bids, Lethbridge).....	168.19	153.39	188.60	181.23
Barley (feedmill bids, Lethbridge) .....	176.59	152.55	188.51	226.20
Canola (canola seed crusher average prices) .....	436.79	3		

## Food and Beverage Manufacturing Sales (\$ Millions)

In 2012, Alberta food manufacturing sales reached a record \$11.8 billion or 16.1% of the province's total manufactured goods (\$73.5 billion). The leading food sub-sector was meat product manufacturing (\$5.9 billion) which accounted for one-half of provincial food sales.

	2011r	2012p	% Chg.
<b>All Manufacturing Industries</b> .....	<b>70,328.5</b>	<b>73,497.0</b>	<b>4.5</b>
<b>Food and Beverage Manufacturing Industries</b>	<b>10,848.5</b>	<b>x</b>	<b>-</b>
<b>Food Manufacturing Industries</b> .....	<b>9,905.8</b>	<b>11,847.9</b>	<b>19.6</b>
% Share of All Manufacturing .....	14.1%	16.1%	
Meat Product Manufacturing.....	4,915.8	5,924.4	20.5
% Share of Food Manufacturing .....	49.6%	50.0%	
Grain and Oilseed Milling .....	1,688.2	1,709.6	1.3
Animal Foods (incl. Livestock Feed).....	657.6	845.6	28.6
All Other Food Manufacturing .....	2,644.2	3,368.3	27.4
Dairy Products (excl. Frozen) .....	1,136.3	x	-
Bread and Bakery Products .....	369.9	347.6	-6.0
Other Food Manufacturing <sup>(1)</sup> .....	1,138.0	x	-
<b>Beverage Manufacturing Industries</b> .....	<b>942.7</b>	<b>x</b>	<b>-</b>

(1) Includes manufacturing of coffee, tea, seasonings, dressings, flavourings, dairy products (excluding non-frozen), specialty foods, sugar and confectionery products, seafood products, cookies, crackers, pasta and fruit and vegetable preserving.

## Food and Beverage Retail Sales (\$ Millions)

	2011r	2012p	% Chg.
<b>Total Alberta Food and Beverage Stores</b> .....	<b>13,029.9</b>	<b>13,369.3</b>	<b>2.6</b>
Grocery Stores (Supermarkets and Convenience).....	10,311.0	10,657.8	3.4
Specialty Food Stores.....	425.4	445.0	4.6
Beer, Wine and Liquor Stores.....	2,293.5	2,266.4	-1.2

## Average Household Food Expenditure, 2011 (Per Year)

	Alberta	% of Food	Canada	% of Food
Total Household Expenditure.....	\$87,267		\$73,457	
Food Expenditure.....	\$8,512		\$7,795	
% Share of Total Expenditure .....	9.8%		10.6%	
Food Purchased From Restaurants.....	\$2,453		\$2,207	
Food Purchased From Stores.....	\$6,059	100.0%	\$5,588	100.0%
Fruits and Vegetables.....	\$1,377	22.7%	\$1,292	23.1%
Meat and Processed Meat.....	\$1,107	18.3%	\$1,017	18.2%
Dairy Products and Eggs .....	\$918	15.2%	\$860	15.4%
Bakery Products .....	\$525	8.7%	\$560	10.0%
Cereal Grains and Cereal Products ...	\$421	6.9%	\$337	6.0%
Fish and Seafood.....	\$187	3.1%	\$202	3.6%

## Per Capita Consumption of Red Meats and Poultry, Canada

	Units	1991	2011r	2012p
Beef .....	kg <sup>(1)</sup>	33.27	27.08	27.37
Pork.....	kg <sup>(1)</sup>	25.86	21.22	22.07
Mutton and Lamb.....	kg <sup>(1)</sup>	0.87	1.05	0.97
Chicken .....	kg <sup>(2)</sup>	22.22	30.28	30.03
Turkey.....	kg <sup>(2)</sup>	4.54	4.08	4.10

(1) Carcass weight basis.

(2) Eviscerated weight basis.

**Note:** These data 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. Also, aggregate data for fresh fruit, fresh vegetables, poultry, fish, fluid milk and alcoholic beverages shown in previous editions of the Agriculture Statistics Factsheet are no longer available.

## Farm Operating Expenses <sup>(1)</sup> (\$ Millions)

	2011r	2012p	% Chg.
Property Taxes .....	108.9	113.9	4.6
Cash and Share Rent.....	489.9	510.1	4.1
Cash Wages, Room and Board.....	642.4	664.8	3.5
Interest .....	514.6	531.6	3.3
Machinery Fuel.....	612.0	618.1	1.0
Machinery Repairs .....	594.5	609.3	2.5
Fertilizer and Lime.....	1,078.9	1,178.2	9.2
Pesticides .....	496.8	494.3	-0.5
Commercial Feed .....	1,196.0	1,368.2	14.4
Livestock and Poultry Purchases.....	897.7	972.6	8.3
Electricity and Telephone.....	272.3	279.3	2.6
Heating Fuel .....	69.9	56.6	-19.0
Miscellaneous.....	1,619.2	1,728.8	6.8
<b>Total Operating Expenses After Rebates</b> .....	<b>8,593.0</b>	<b>9,125.9</b>	<b>6.2</b>
Depreciation on Buildings.....	328.5	347.2	5.7
Depreciation on Machinery.....	1,112.7	1,168.7	5.0
<b>Total Expenses After Rebates and Depreciation</b> .....	<b>10,034.1</b>	<b>10,641.7</b>	<b>6.1</b>

(1) Net of provincial or federal rebates.

## Net Farm Income <sup>(1)</sup> (\$ Millions)

	2011r	2012p	% Chg.
1. Total Farm Cash Receipts .....	10,515.3	12,001.9	14.1
2. Total Operating Expenses After Rebates.....	8,593.0	9,125.9	6.2
3. Net Cash Income* (1-2).....	1,922.4	2,876.0	49.6
4. Income in Kind.....	8.8	8.7	-0.7
5. Depreciation Charges .....	1,441.2	1,515.8	5.2
6. Realized Net Income* (3+4-5) .....	490.0	1,368.9	179.4
7. Value of Inventory Change.....	407.9	-707.5	s
8. Total Net Income* (6+7) .....	897.9	661.4	-26.3

(1) Refers to income directly related to the farm business; excludes non-farming income (such as wages and salaries from off-farm employment, pension and investment income).

\* ARD Estimates for 2011 and 2012

## Capital Investment Expenditures <sup>(1)</sup> (\$ Millions)

	2011r	2012p	% Chg.
<b>All Industries</b> .....	<b>90,025.7</b>	<b>98,192.9</b>	<b>9.1</b>
<b>Agri-Food Industries</b> .....	<b>1,369.7</b>	<b>1,496.7</b>	<b>9.3</b>
% Share of All Industries.....	1.5%	1.5%	
<b>Agriculture Industries</b> .....	<b>1,271.0</b>	<b>1,313.8</b>	<b>3.4</b>
Crop Production.....	921.9	924.2	0.2
Animal Production.....	301.8	302.5	0.2
Support Services .....	47.3	87.1	84.1
<b>Food and Beverage Manufacturing Industries</b>	<b>98.7</b>	<b>182.9</b>	<b>85.3</b>
Food Industries .....	69.8	158.1	126.5
Beverage Industries.....	28.9	24.8	-14.2

(1) Capital investment expenditures refers to the cost of procuring, constructing and installing new durable plants, machinery and equipment, whether for replacement of worn or obsolete assets, as additions to existing assets or for lease or rent to others.

## International Agri-Food Exports (\$ Millions)

In 2012, Alberta exports of primary and processed agricultural and food products (agri-food) reached a record \$9.2 billion, up 14.3% from \$8.1 billion in 2011. High commodity prices and larger export quantities contributed to the increase. Wheat remained the number one export product, followed by canola seed and beef. Wheat exports at \$2.3 billion grew 18.8% in value and 21.1% in quantity. Exports of canola seed reached a record of \$1.9 billion. The value of these exports grew 13.4% and quantity was up 5.7%. China was the largest customer of canola seed, followed by Japan, traditionally the number one export market. Exports of live cattle increased in 2012, while beef exports declined. The United States continues to be Alberta's largest export market, accounting for 32.2% of total agri-food exports, followed by China (17.9%), Japan (14.6%) and Mexico (6.9%).

	2011r	2012p	% Chg.
<b>Canada Agri-Food Exports</b> .....	<b>40,605</b>	<b>43,861</b>	<b>8.0</b>
<b>Alberta Agri-Food Exports</b> .....	<b>8,061</b>	<b>9,210</b>	<b>14.3</b>
Alberta as a % of Canada .....	19.9%	21.0%	
<b>Value Added Processed Products</b> .....	<b>3,541</b>	<b>3,681</b>	<b>4.0</b>
As a % of Alberta Agri-Food Exports .....	43.9%	40.0%	
Beef and Veal (incl. Offal) .....	969	852	-12.1
Crude Canola Oil .....	563	630	11.9
Pork (incl. Offal).....	412	365	-11.3
Oilseed Cake and Meal .....	165	226	36.5
Processed Potatoes .....	202	203	0.8
Refined Canola Oil.....	143	184	29.0
Other Value Added Processed Products .....	1,087	1,220	12.3
<b>Primary Commodities (Crops and Animals)</b> .....	<b>4,520</b>	<b>5,529</b>	<b>22.3</b>
As a % of Alberta Agri-Food Exports .....	56.1%	60.0%	
Wheat.....	1,915	2,276	18.8
Canola Seed.....	1,652	1,873	13.4
Live Cattle (excl. Purebred).....	464	588	26.9
Barley .....	120	188	56.7
Dry Peas.....	93	150	61.8
Other Primary Commodities .....	277	454	63.9

	2011r	2012p	% Chg.
<b>Alberta's Top Five Export Markets in 2012</b>			
1. United States (32.2% Share) .....	2,551	2,967	16.3
2. China (17.9% Share) .....	937	1,646	75.7
3. Japan (14.6% Share) .....	1,172	1,346	14.9
4. Mexico (6.9% Share).....	640	633	-1.2
5. South Korea (1.9% Share).....	297	174	-41.3

r - revised      p - preliminary      -- not available      n/a - not applicable  
 x - confidential      kg - kilogram      s - per cent change suppressed  
 e - estimated

**Note: Totals may not add up due to rounding.**

Data Sources: Alberta Agriculture and Rural Development; Statistics Canada; Agriculture and Agri-Food Canada; Canadian Wheat Board; and CanFax.

**This Factsheet was prepared by:**

Alberta Agriculture and Rural Development  
 Economics and Competitiveness Division  
 Statistics and Data Development Branch  
 #302, J.G. O'Donoghue Building  
 7000 - 113 Street, Edmonton, Alberta, CANADA T6H 5T6  
 Phone: 780-427-4011 Fax: 780-427-5220  
 www.agriculture.alberta.ca

Note to users: Please ensure proper accreditation for any material referenced.

# Agriculture Statistics Factsheet

