

## The Land and Precipitation

	Acres	% of Total
<b>Total Land Area</b> .....	<b>157,710,720</b>	
Farm Land Area (2006 Census of Agriculture) .....	52,127,857	100.0
Cultivated Land Area .....	32,152,504	61.7
Land in Crops .....	23,775,509	45.6
Summerfallow.....	2,239,633	4.3
Tame or Seeded Pasture.....	6,137,362	11.8
Natural Land for Pasture.....	16,135,646	31.0
All Other Land.....	3,839,707	7.4

**Total irrigated area in 2010 = 1.67 million acres or 5% of the total cultivated land area in Alberta.**

*In 2010, the irrigation districts in Alberta accounted for 1.36 million acres. The breakdown of irrigated crop acres was: forages (38%), cereals (32%), canola (13%), dry beans (4%), potatoes (3%), sugar beets (2%), alfalfa seed (2%), and other crops (6%).*

*Types of irrigation systems practiced were: centre pivot sprinkler (73%), side-roll-wheel-move sprinkler (15%), gravity or "flood" (11%), and other irrigation systems (1%).*

Precipitation (millimetres)	1961-2008		
<i>April 1 to September 30 Cropping Season</i>	Average	2009r	2010p
Medicine Hat.....	235.9	282.0	372.2
Calgary.....	332.7	107.6	284.6
Lacombe.....	344.7	217.2	498.4
Wainwright.....	295.9	208.1	367.6
Oliver (near Edmonton).....	335.2	192.9	348.7
Beaverlodge.....	295.0	210.0	198.8

## Population and Farms

	2009r	2010p	% Chg.
<b>Population on July 1st</b> <sup>(1)</sup> .....	<b>3,670,742</b>	<b>3,720,946</b>	<b>1.4</b>
% of Canadian Population.....	10.9%	10.9%	

	2006	% of Total
<b>Population on May 16, 2006</b> <sup>(2)</sup> .....	<b>3,290,350</b>	<b>100.0</b>
Urban Population.....	2,699,851	82.1
Rural Population.....	590,499	17.9
<b>Number of Census Farms on May 16, 2006</b> <sup>(2)</sup> .....	<b>49,431</b>	
<b>Average Farm Size</b> .....	<b>1,055 acres</b>	

Types of Farms	2006	% of Total
Cattle (Beef).....	20,474	44.0
Grain and Oilseed (excl. Wheat).....	9,568	20.6
Wheat.....	2,733	5.9
Miscellaneous Specialty .....	6,403	13.8
Field Crop (excl. Grain and Oilseed).....	3,923	8.4
Other Types.....	3,445	7.4

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

(2) Source: Statistics Canada, 2006 Census of Population and Census of Agriculture.

(3) The commodity which accounts for 51% or more of receipts determines the farm type.

## Employed Labour Force

	2009	2010	% Chg.
<b>Total Employed Labour Force</b> .....	<b>2,025,200</b>	<b>2,016,600</b>	<b>-0.4</b>
<b>Agri-Food Industries</b> .....	<b>74,500</b>	<b>70,000</b>	<b>-6.0</b>
Agriculture .....	53,700	47,100	-12.3
Crop Production.....	17,800	17,400	-2.2
Animal Production.....	29,400	23,200	-21.1
Mixed Farming.....	4,600	4,700	2.2
Support Activities for Agriculture.....	1,900	1,800	-5.3
Food and Beverage Manufacturing.....	20,800	22,900	10.1
<b>Food - Retail Trade and Services</b> .....	<b>155,600</b>	<b>148,000</b>	<b>-4.9</b>
Food and Beverage Retail Stores .....	57,200	52,600	-8.0
Food Services and Drinking Places.....	98,400	95,400	-3.0

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

*Alberta's real gross domestic product for agriculture increased 14.8% in 2010 to total \$4.9 billion.*

	In Chained (2002) Dollars		
	2009r	2010p	% Chg.
<b>All Industries</b> .....	<b>171,829.8</b>	<b>178,345.1</b>	<b>3.8</b>
<b>Agri-Food Industries</b> .....	<b>6,039.9</b>	<b>6,735.9</b>	<b>11.5</b>
Agriculture .....	4,224.7	4,850.9	14.8
Food and Beverage Manufacturing.....	1,815.2	1,885.0	3.8
Food Manufacturing .....	1,728.4	1,799.0	4.1
Beverage Manufacturing.....	86.8	86.0	-0.9

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

	2009	2010	% Chg.
<b>Consumer Price Index (CPI) (2002=100)</b>			
Alberta - All Items .....	114.4	116.5	1.8
Food.....	121.4	123.1	1.4
Fresh and Frozen Meat (incl. Poultry).....	118.4	119.1	0.6
Fresh Fruit.....	107.6	104.3	-3.1
Fresh Vegetables.....	105.8	103.1	-2.6

Financial Rates	2008	2009	2010
Canada Bank Rate (%).....	3.21	0.65	0.85
Canada Prime Business Loan Rate (%).....	4.73	2.40	2.60
Exchange Rate - US \$ Per Canadian \$ .....	0.9371	0.8760	0.9708

## Farm Cash Receipts (\$ Millions)

*Alberta's farm cash receipts (FCR) totalled \$9.0 billion in 2010, down 3.9% from 2009. The drop in receipts was fuelled by lower crop market receipts and program payments, more than offsetting gains in livestock market receipts. However, despite the decline, these FCR are the third highest on record, following 2008 and 2009. FCR is the sum of crop and livestock market receipts plus direct program payments to producers. Alberta accounted for 20.2% of total Canadian FCR in 2010, and led the nation with \$3.1 billion in cattle and calf receipts.*

	2009r	2010p	% Chg.
<b>Total Farm Cash Receipts</b> .....	<b>9,351.7</b>	<b>8,983.2</b>	<b>-3.9</b>
<b>Crop Market Receipts</b> .....	<b>4,419.7</b>	<b>3,795.7</b>	<b>-14.1</b>
Wheat.....	1,686.4	1,129.4	-33.0
Oats.....	27.8	30.7	10.2
Barley.....	258.4	153.1	-40.8
Canola.....	1,676.7	1,711.0	2.0
Dry Peas.....	133.7	149.2	11.6
Sugar Beets .....	22.7	23.2	2.3
Potatoes .....	163.8	150.7	-8.0
Vegetables .....	63.1	64.6	2.4
Floriculture and Nursery .....	92.7	96.3	3.9
Other Crops .....	294.3	287.5	-2.3
<b>Livestock and Products Market Receipts</b> .....	<b>4,102.3</b>	<b>4,370.6</b>	<b>6.5</b>
Cattle and Calves .....	2,863.5	3,065.7	7.1
Hogs.....	332.1	372.2	12.1
Lambs.....	17.2	16.3	-5.3
Dairy Products.....	462.3	478.4	3.5
Poultry, Hatcheries and Eggs.....	259.6	259.5	0.0
Honey.....	44.3	47.3	6.8
Other Livestock and Products.....	123.2	131.3	6.6
<b>Total Market Receipts</b> .....	<b>8,522.0</b>	<b>8,166.3</b>	<b>-4.2</b>
<b>Direct Program Payments</b> .....	<b>829.7</b>	<b>816.9</b>	<b>-1.5</b>
Crop and Hail Insurance .....	440.7	511.7	16.1
CAIS <sup>(1)</sup> .....	122.0	-0.1	-100.1
AgriStability.....	141.5	135.8	-4.0
AgriRecovery.....	0.3	85.5	s
AgriInvest.....	78.0	71.7	-8.1
Other Payments .....	47.3	12.3	-74.0

(1) CAIS - Canadian Agricultural Income Stabilization

## Livestock Industry

*Alberta continues to be the largest beef producing province in Canada. As of July 1, 2010, the province led the nation in cattle and calf inventories and accounted for 39.4% of the national herd. In 2010, the majority of the Canadian cattle slaughter was in Alberta, accounting for 72.7% of the national total.*

	2009r	2010p	% Chg.
<b>Livestock on Farms (Head), July 1st</b>			
Cattle and Calves .....	5,790,000	5,505,000	-4.9
Bulls.....	99,500	97,500	-2.0
Milk Cows and Dairy Heifers.....	129,000	128,500	-0.4
Beef Cows and Beef Heifers .....	2,040,000	1,953,000	-4.3
Calves.....	1,891,500	1,850,000	-2.2
Slaughter Steers and Heifers .....	1,630,000	1,476,000	-9.4
Pigs.....	1,530,000	1,495,000	-2.3
Sheep and Lambs .....	177,000	179,000	1.1

Livestock Slaughtered (Head) <sup>(1)</sup>	2009r	2010p	% Chg.
Cattle and Calves .....	2,396,065	2,471,063	3.1
Hogs.....	2,599,175	2,670,704	2.8

Production Quantity (tonnes)	2009r	2010p	% Chg.
Beef.....	845,743	896,299	6.0
Pork.....	233,461	238,072	2.0

Meat Product Manufacturing Sales (\$ Millions)	2009r	2010p	% Chg.
Meat Product Manufacturing Industries <sup>(2)</sup> ...	4,761.4	5,931.7	24.6

Value of International Exports (\$ Millions)	2009r	2010p	% Chg.
Beef and Veal (incl. Offal) .....	957	1,052	9.9
Pork (incl. Offal).....	361	392	8.5

Farm Cash Receipts (\$ Millions)	2009r	2010p	% Chg.
Livestock and Livestock Products.....	4,102.3	4,370.6	6.5
% of Total Farm Cash Receipts.....	43.9%	48.7%	

Selected Prices (*Live Weight Basis)	2009r	2010p
Slaughter Steers, Alberta Direct Packer Sales* (\$/100 lbs) ...	\$85.75	\$88.73
Central Alberta Steer Calves, 500-600 lbs* (\$100 lbs) .....	\$111.78	\$121.43
Alberta Average Slaughter Hogs Index 100 Dressed (\$/kg)....	\$1.16	\$1.35

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

(2) Includes poultry processing.

## Dairy Production

Dairy Year From August 1 to July 31	2008-09	2009-10	% Chg.
Milk Production ('000 litres) .....	655,859	653,210	-0.4

## Poultry and Egg Production

	2009r	2010p	% Chg.
Chicken Meat (tonnes*) .....	90,824	94,820	4.4
Turkey Meat (tonnes*) .....	13,013	13,446	3.3
Egg Production ('000 Dozen) .....	47,938	49,962	4.2

\* Eviscerated Weight

## Beekeeping Industry

	2009r	2010p	% Chg.
Honey Production (tonnes).....	13,211	12,704	-3.8
Value of Honey Produced (\$'000).....	48,837	46,247	-5.3

## Selected Alternative Livestock Inventory (Head)

	2009r	2010p	% Chg.
Whitetail Deer and Mule Deer.....	3,610	2,765	-23.4
Elk.....	19,983	16,543	-17.2

## Crops

	Harvested Area ('000 acres)		Production ('000 tonnes)	
	2009r	2010p	2009r	2010p

<b>Principal Field Crops</b>				
Winter Wheat .....	260	175	266.7	264.0
Spring Wheat.....	5,525	5,885	6,180.6	7,484.3
Durum Wheat.....	900	350	993.4	421.8
<b>All Wheat</b> .....	<b>6,685</b>	<b>6,410</b>	<b>7,440.7</b>	<b>8,170.1</b>
Oats.....	300	530	308.4	647.7
Barley.....	3,030	3,125	3,840.7	4,528.7
Fall Rye.....	40	45	38.1	50.8
Mixed Grains.....	20	20	23.0	24.5
Flaxseed .....	40	38	28.4	30.5
Canola.....	4,900	5,400	3,470.0	4,490.6
Dry Beans.....	53	43	49.9	34.3
Dry Peas.....	750	895	666.7	937.6
Mustard Seed.....	115	110	47.7	52.5
Triticale.....	10	25	12.7	38.1
Tame Hay.....	5,015	5,640	5,352.4	9,162.6
Fodder Corn.....	60	50	938.9	680.4
Sugar Beets .....	27	28	657.7	508.0
<b>Summerfallow</b> .....	<b>1,600</b>	<b>1,650</b>	n/a	n/a

Commercial Fresh Vegetables and Fruits	(acres)		(tonnes)	
	2009r	2010p	2009r	2010p
Beans .....	x	x	x	x
Carrots .....	415	249	2,697	1,528
Corn, Sweet.....	3,800	2,500	15,422	6,979
Onions, Dry.....	x	x	x	x
Peas, Green .....	4,065	1,757	7,023	2,590
Raspberries .....	124	90	49	28
Strawberries .....	230	133	189	93

Value of International Exports (\$ Millions)	2009r	2010p	% Chg.
Total Crops .....	3,682	2,669	-27.5
Wheat.....	2,093	1,410	-32.7
Canola Seed.....	1,220	996	-18.3
Barley.....	147	73	-50.0
Other Crops .....	222	190	-14.5

Farm Cash Receipts (\$ Millions)	2009r	2010p	% Chg.
Total Crops .....	4,419.7	3,795.7	-14.1
% of Total Farm Cash Receipts.....	47.3%	42.3%	

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

	2006-07	2007-08	2008-09	2009-10
No.1 CW Red Spring Wheat (13.5%)* .....	165.82	321.99	260.49	186.19
No.1 CW Amber Durum Wheat (13%)*.....	178.07	461.45	324.27	155.04
Oats (feedmill bids, Lethbridge).....	142.43	183.61	168.19	153.39
Barley (feedmill bids, Lethbridge).....	157.94	208.26	176.59	152.55
Canola (canola seed crusher average prices) .....	344.06			

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

In 2010, Alberta food and beverage manufacturing sales reached a record \$11.5 billion or 19.2% of the province's total manufactured goods (\$60.1 billion). The leading food sub-sector was meat product manufacturing (\$5.9 billion) which accounted for 55.2% of provincial food sales.

	2009r	2010p	% Chg.
<b>All Manufacturing Industries</b> .....	<b>54,540.3</b>	<b>60,073.7</b>	<b>10.1</b>
<b>Food and Beverage Manufacturing Industries</b> .....	<b>10,330.4</b>	<b>11,514.1</b>	<b>11.5</b>
% Share of All Manufacturing .....	18.9%	19.2%	
<b>Food Manufacturing Industries</b> .....	<b>9,461.6</b>	<b>10,739.7</b>	<b>13.5</b>
<b>Meat Product Manufacturing</b> .....	<b>4,761.4</b>	<b>5,931.7</b>	<b>24.6</b>
Animal Slaughtering and Processing.....	x	x	-
Rendering and Poultry Processing .....	x	x	-
<b>All Other Food Manufacturing</b> .....	<b>4,700.3</b>	<b>4,808.1</b>	<b>2.3</b>
Grain and Oilseed Milling .....	1,516.6	1,325.0	-12.6
Animal Food Mfg. (incl. Livestock Feed).....	571.7	412.5	-27.8
Other Food Manufacturing .....	611.3	640.8	4.8
Snack Foods Manufacturing .....	497.2	x	-
Other Types of Food Manufacturing <sup>(1)</sup> .....	114.1	x	-
Miscellaneous Food Manufacturing.....	2,000.6	2,429.8	21.5
Dairy Product (excl. Frozen Products) Mfg	1,132.2	x	-
Fluid Milk Manufacturing .....	781.8	x	-
Butter and Cheese Manufacturing <sup>(2)</sup> .....	350.4	x	-
Other Miscellaneous Food Manufacturing <sup>(3)</sup>	868.4	x	-
<b>Beverage Manufacturing Industries</b> .....	<b>868.8</b>	<b>774.4</b>	<b>-10.9</b>

(1) Includes manufacturing of coffee, tea, seasonings, dressings, flavourings and other food products.

(2) Includes manufacturing of dry and condensed dairy products.

(3) Includes fruit and vegetable preserving, manufacturing of specialty foods, sugar and confectionery products, seafood products, frozen dairy products, and bakeries and tortilla manufacturing.

## Alberta Food Sales (\$ Millions)

	2009r	2010p	% Chg.
Supermarket and Grocery Store Sales .....	9,182.2	9,451.3	2.9
Food Services and Drinking Places Sales.....	6,526.6	6,745.8	3.4

## Alberta Average Household Food Expenditure (Per Year)

	2008	2009p	% Share of Hshld. Budget '09
Food .....	\$7,713	\$7,778	9.2
Food Purchased From Stores.....	\$5,814	\$5,967	7.0
Food Purchased From Restaurants .....	\$1,848	\$1,779	2.1

## Per Capita Food Consumption in Canada (Per Year)

	Units	1991	2001	2010p
Fresh Fruit (Retail Weight) .....	kg	58.05	63.30	74.43
Fresh Vegetables (Retail Weight).....	kg	129.05	150.07	135.17
Beef (Carcass Weight Equivalent) .....	kg	33.27	30.75	27.69
Pork (Carcass Weight Equivalent) .....	kg	25.86	28.94	21.69
Poultry (Eviscerated Weight).....	kg	28.30	36.46	37.40
Fish (Edible Weight) .....	kg	8.63	9.65	7.33
Fluid Milk (Retail Weight).....	litres	94.51	87.04	77.98
Alcoholic Beverages (Pop. 15+ Yrs) .....	litres	108.56	104.70	104.49

**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.

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

	2009r	2010p	% Chg.
Property Taxes .....	105.1	111.3	5.9
Cash and Share Rent.....	420.6	426.3	1.4
Cash Wages, Room and Board.....	602.8	623.9	3.5
Interest .....	519.4	510.3	-1.7
Machinery Fuel.....	472.0	519.2	10.0
Machinery Repairs .....	560.6	566.2	1.0
Fertilizer and Lime.....	989.6	825.3	-16.6
Pesticides .....	515.8	476.1	-7.7
Commercial Feed .....	1,265.6	1,149.2	-9.2
Livestock and Poultry Purchases.....	693.6	771.9	11.3
Electricity and Telephone.....	248.1	240.5	-3.0
Heating Fuel .....	71.3	76.3	7.0
Miscellaneous.....	1,365.4	1,394.2	2.1
<b>Total Operating Expenses After Rebates</b> .....	<b>7,829.9</b>	<b>7,690.6</b>	<b>-1.8</b>
Depreciation on Buildings.....	297.2	314.0	5.6
Depreciation on Machinery.....	1,069.5	1,047.5	-2.1
<b>Total Expenses After Rebates and Depreciation</b> .....	<b>9,196.6</b>	<b>9,052.2</b>	<b>-1.6</b>

(1) Net of provincial or federal rebates

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

	2009r	2010p	% Chg.
1. Total Farm Cash Receipts .....	9,351.7	8,983.2	-3.9
2. Total Operating Expenses After Rebates.....	7,829.9	7,690.6	-1.8
3. Net Cash Income (1-2).....	1,521.8	1,292.6	-15.1
4. Income in Kind.....	7.0	7.4	6.5
5. Depreciation Charges .....	1,366.7	1,361.5	-0.4
6. Realized Net Income (3+4-5) .....	162.1	-61.5	-138.0
7. Value of Inventory Change.....	-675.4	317.6	s
8. Total Net Income (6+7) .....	-513.3	256.1	s

(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).

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

	2009r	2010p	% Chg.
<b>All Industries</b> .....	<b>65,695.1</b>	<b>70,438.3</b>	<b>7.2</b>
<b>Agri-Food Industries</b> .....	<b>1,207.4</b>	<b>1,242.7</b>	<b>2.9</b>
% Share of All Industries .....	1.8%	1.8%	
<b>Agriculture Industries</b> .....	<b>1,085.5</b>	<b>1,134.2</b>	<b>4.5</b>
Crop Production.....	725.7	696.5	-4.0
Animal Production.....	339.9	411.9	21.2
Support Services .....	19.9	25.8	29.6
<b>Food and Beverage Manufacturing Industries</b>	<b>121.9</b>	<b>108.5</b>	<b>-11.0</b>
Food Industries .....	103.4	85.5	-17.3
Beverage Industries.....	18.5	23.0	24.3

(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 2010, Alberta exports of primary and processed agricultural and food products (agri-food) fell 9.6% to \$6.7 billion from \$7.4 billion in 2009. Lower exports of major grains and oilseeds, combined with weak prices, contributed to the decline. Wheat exports fell 32.7% in value and 19.5% in quantity. Despite the decline, wheat remained Alberta's number one export product in 2010, followed by beef and canola seed. On the positive side, increases in exports were recorded for beer, prepared animal feed, tallow, crude canola oil, raw hides and skins, live cattle, beef and pork. The United States continues to be Alberta's largest export market, accounting for 36.2% of total agri-food exports, followed by China (15.3%), Japan (12.3%), and Mexico (6.8%).

	2009r	2010p	% Chg.
<b>Canada Agri-Food Exports</b> .....	<b>35,510</b>	<b>35,761</b>	<b>0.7</b>
<b>Alberta Agri-Food Exports</b> .....	<b>7,429</b>	<b>6,718</b>	<b>-9.6</b>
Alberta as a % of Canada .....	20.9%	18.8%	
<b>Value Added Processed Products</b> .....	<b>3,212</b>	<b>3,456</b>	<b>7.6</b>
As a % of Alberta Agri-Food Exports.....	43.2%	51.4%	
Beef and Veal (incl. Offal) .....	957	1,052	9.9
Canola Oil Crude .....	409	644	57.2
Pork (incl. Offal).....	361	392	8.5
Processed Potatoes .....	261	191	-26.8
Oilseed Cake and Meal .....	146	164	12.5
Malt, Not Roasted .....	224	143	-36.1
Other Value Added Processed Products .....	854	871	2.0
<b>Primary Commodities (Crops and Animals)</b> .....	<b>4,217</b>	<b>3,262</b>	<b>-22.6</b>
As a % of Alberta Agri-Food Exports.....	56.8%	48.6%	
Wheat.....	2,093	1,410	-32.7
Canola Seed.....	1,220	996	-18.3
Live Cattle (excl. Purebred).....	465	525	12.7
Barley .....	147	73	-50.0
Hay and Fodder.....	80	52	-35.3
Other Primary Commodities .....	212	207	-2.2

### Alberta's Top Five Export Markets in 2010

	2009r	2010p	% Chg.
1. United States (36.2% Share) .....	2,704	2,431	-10.1
2. China (15.3% Share).....	987	1,030	4.4
3. Japan (12.3% Share) .....	919	828	-10.0
4. Mexico (6.8% Share).....	438	460	5.0
5. South Korea (2.2% Share).....	117	146	24.4

r - revised      p - preliminary      -- not available      n/a - not applicable  
x - confidential      kg - kilogram      s - % change suppressed

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

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

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# Agriculture Statistics Factsheet

