

MINISTRY OF AGRICULTURE



FAST STATS 2010

Agriculture, Aquaculture and Food



June 1, 2011

Fast Stats 2010¹

SUMMARY

B.C.'s Agriculture, Aquaculture, Food Processing, Food Wholesaling, Food Retail and Food Service Industries generated more than \$40.2 billion in combined gross revenues in 2010, including \$4.5 billion in inter-provincial and international exports, and accounted for 298,700 jobs.

An estimated \$24.2 billion of these sales reached the end consumer, an increase in sales of 1.3% over the previous year.

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2010 OVERVIEW

Climatic conditions in the province make it possible for British Columbian farmers to grow a wide variety of commodities. Total farm cash receipts from the sale of crops, including grains, oilseeds, field and greenhouse vegetables, tree fruits, berries, grapes, floriculture, nursery, forage and other crops, amounted to nearly \$1.2 billion in 2010. Total livestock receipts, from the sale of cattle, hogs, poultry, eggs, dairy, honey and other animals and animal products, amounted to more than \$1.2 billion, and aquaculture farm gate sales, from farmed salmon, trout, clams, mussels, oysters, and scallops, totalled more than \$418 million. An estimated 33,900 people were employed in B.C.'s primary agriculture and aquaculture production activities.

Along the value chain, the province's food and beverage processors generated nearly \$7.2 billion in sales and employed more than 27,000 people. Wholesale sales of B.C. farm and food products are estimated at nearly \$10.4 billion, employing over 12,200 people, and domestic retail and restaurant sales are estimated at \$19.7 billion, with a labour force of 225,300 people.

The top ten commodities in terms of farm sales in 2010 B.C. include: dairy, farmed salmon, chicken, floriculture, nursery, beef, greenhouse tomatoes, eggs, greenhouse peppers, and mushrooms.

The province led the nation in sales of finfish aquaculture, blueberries, cranberries, sweet cherries, and raspberries, and ranked second to Ontario in sales of floriculture, nursery products, greenhouse tomatoes, greenhouse peppers, mushrooms, and grapes.

The 2011 Fast Stats provides a compilation of statistical information about agriculture, aquaculture, and the agri-food industry in British Columbia in 2010 and previous years.

¹ In order to be consistent with the data reported in the publication, this year's Fast Stats is being re-titled to *Fast Stats 2010*. In past publications, Fast Stats was titled according to the year of the release. As such, for this transition year only, there will be two Fast Stats 2010 publications, one released in 2010, reporting on 2009 statistical information and one this one, released June 1, 2011 and reporting on 2010 statistical information.

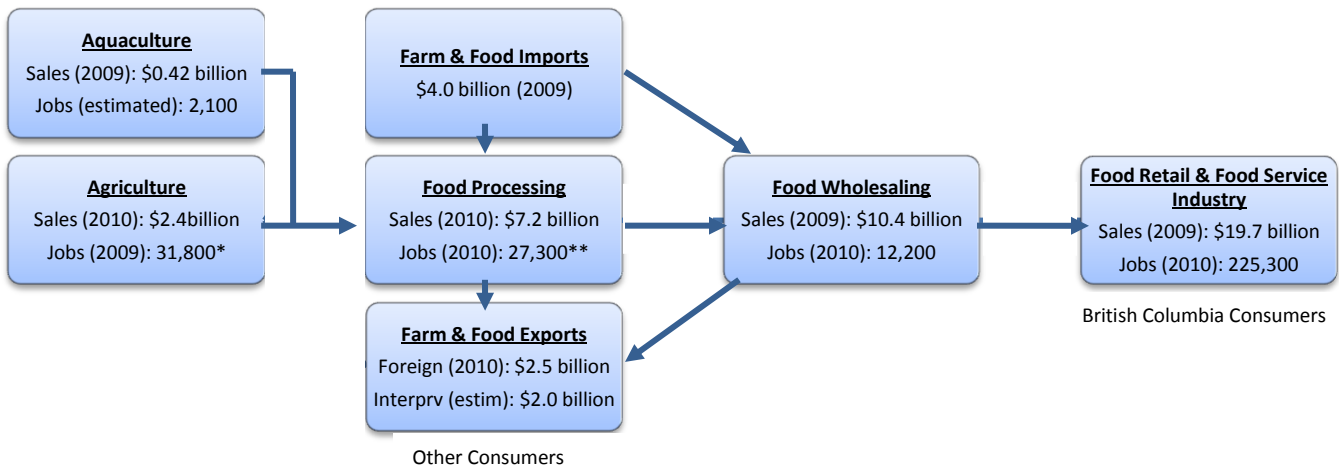
Fast Stats 2010

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BC Agriculture, Aquaculture and Food at a Glance: 2010

Total Consumer Sales: \$24.2 billion¹
 Total Jobs: 298,700



1 Includes the value of food retail and food services purchases (\$19.7 billion) and farm and food exports (\$4.5 billion)

*Statistics Canada’s Labour Force Survey estimates 34,300 total jobs in the primary agriculture and related services sector. Based on the 2006 Census of Agriculture and the 2006 Census of Population, there are 19,844 farms in BC and a total farm population of 60,765 people.

**Statistics Canada’s Labour Force survey estimates 27,300 total employees in the BC food processing sector, while the Survey of Employment, Payroll and Hours estimates 28,542 total employees.

Note: 2009 sales data for Food Wholesaling and Food Retail & Food Services was released in the spring of 2011; 2010 sales will be released in 2012.

Resources in British Columbia Agriculture

	1991 Census	1996 Census	2001 Census	2006 Census
THE LAND (hectares)				
Provincial Land Area	89,307,184	89,307,184	89,307,184	89,307,184
Land in Agricultural Land Reserve ¹	4,708,628	4,714,016	4,727,332	4,624,890 ²
Total Farm Land	2,392,341	2,529,060	2,587,118	2,835,458³
Land in Crops	556,796	565,738	617,545	586,238
Land in Pasture	241,004	240,236	233,044	245,793
Summerfallow	57,476	39,017	36,765	25,581
Unimproved Land	1,030,568	1,172,591	1,207,553	1,499,563
THE CAPITAL (\$'000)				
Total Value of B.C.'s Agricultural Farm Capital	8,614,244	13,822,213	15,831,578	24,904,713
Land and Buildings	7,037,507	11,863,945	13,066,698	22,354,892
Machinery and Equipment	891,629	1,227,932	1,608,420	1,820,784
Livestock and Poultry	685,108	730,336	1,156,460	729,036
Average Capital Value per Farm (\$)	448,075	633,030	780,265	1,255,025
THE PEOPLE AND FARMS (number)				
Farm Population ⁴	61,035	68,770	61,420	60,765
Number of Farms	19,225	21,835	20,290	19,844
Number of Farms with Sales:				
less than \$10,000	10,024	11,530	10,087	9,466
\$10,000-\$49,999	4,783	5,372	5,362	5,231
\$50,000-\$99,999	1,416	1,533	1,464	1,592
\$100,000-\$249,999	1,494	1,589	1,509	1,536
\$250,000 and over	1,508	1,811	1,868	2,019

Number of Farms by Farm Type (Historical Classification)⁵

Dairy	1,158	1,184	795	663
Cattle	4,224	4,413	4,690	4,086
Hogs	254	206	146	113
Poultry and eggs	584	925	973	911
Wheat	91	119	62	45
Grains and oilseeds	361	240	184	205
Field crops (other than grains & oilseeds)	886	1,621	1,808	1,733
Fruits	2,406	2,836	2,521	2,799
Vegetables	344	595	636	534
Miscellaneous specialty ⁶	3,364	4,784	4,775	5,247
Livestock combinations	520	623	416	678
Other combinations	326	476	376	303

Source: Statistics Canada. Census of Agriculture 1991, 1996, 2001, 2006 unless otherwise specified.

1 Agricultural Land Commission data. 1991, 1996, 2001.

2 Agricultural Land Commission preliminary GIS generated ALR area as of January 31, 2007.

3 In BC, the total hectares of farm land are higher than in previous years, due to better quality data on lands operated under a licence, permit or lease

4 Statistics Canada's Agricultural - Population linkage data will not be released until Fall 2008

5 Includes farms with Gross Receipts of \$2,500 or more

6 Miscellaneous specialty includes mushrooms, greenhouse products, nursery, Christmas trees, game farm animals, etc.

Aquaculture Sites

Sites by Farm Sales Class	2005r	2006r	2007r	2008r	2009p
Finfish Growouts					
less than \$10,000	14	17	14	21	15
\$10,000 - \$49,999	3	5	8	4	7
\$50,000 - \$99,999	5	4	2	5	3
\$100,000-\$249,999	5	5	3	3	5
\$250,000 and over	52	44	50	57	58
Total Sites ¹	79	75	77	90	88
Finfish Hatcheries					
less than \$10,000	7	11	10	8	5
\$10,000 - \$49,999	8	6	8	7	8
\$50,000 - \$99,999	0	2	1	2	2
\$100,000-\$249,999	1	2	1	0	4
\$250,000 and over	6	6	3	3	6
Total Sites ¹	22	27	23	20	25
Shellfish & Marine Plants²					
less than \$10,000	98	83	76	100	79
\$10,000 - \$49,999	148	147	146	132	124
\$50,000 - \$99,999	47	51	39	33	39
\$100,000-\$249,999	43	43	40	32	20
\$250,000 and over	12	14	17	14	21
Total Sites ¹	348	338	318	311	283

Source: Ministry of Environment. Annual aquaculture statistical report survey data. Sept 2010

¹ Site counts by category can not be added together for total site numbers as sites can be licensed for, and therefore counted in, more than one category.

² Includes growout and hatchery operations.

r - data are revised

p- data are preliminary

Farmland Tenure

	Hectares	% of Total
Owned	1,599,141	55.36%
Leased from Government	919,828	31.84%
Rented or leased from others	312,424	10.82%
Crop shared from others	24,517	0.85%
Other area used	32,737	1.13%
Total ¹	2,888,647	

Source: Statistics Canada Census of Agriculture 2006.

¹ Note: Excludes land that was rented out to other operators

Aquaculture Area Under Crown Land Tenure

	Hectares									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Shellfish ²	2,727	2,727	2,800	2,990	3,134	3,040	3,339	3,334	3,535	
Salmon	1,191	1,191	2,400	3,591	3,945	3,677	4,312	4,349	4,275	
Total	3,918	3,918	5,200	6,581	7,079	6,717	7,651	7,683	7,810	

Source: Ministry of Agriculture and Lands, Aquaculture Development Branch. Sept-15-2010

¹ The term "area" refers to Crown land area only and represents the total lake, foreshore and marine area leased for aquaculture as opposed to the intensively used area. Excludes private land holdings where aquaculture operations occur.

² Area includes beach and deep water culture.

Precipitation

	Vancouver Int'l Airport		Victoria Int'l Airport		Prince George		Kamloops		Fort St. John	
	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010
	Precipitation (millimetres)²									
January	129.4	182.8	77.5	161.4	64.1	30	14.4	17.4	33.6	23.2
February	56.8	102.2	33.5	53.2	46.2	15.7	6.3	11.4	10.4	0.8
March	104.6	108.2	54.2	73.4	36.8	3.9*	9.6	20.6	44.7	34.2
April	77.6	88	40	47.3	38	36	10.8	13.8	21.2	9.8
May	71.8	54.2	56	61.1	63.8	47.6*	29	54.6	28.9	46.5
June	10.8		6	28.5	72.2	49	6.1	36.3	41.2	14.3
July	20	0.6	11.1	1	41.3	13	18.6	14.8	55.4	36
August	26.6	69.6	16.8	26.9	32.1	10.9*	1.7	15.4	43.2	
September	65.6		51.2		60.5		33.9	55	75.1	43
October	147	76.2	132.2	55.4			36.8	5.8	65	
November	282	143	274.6	119.5			5.6	21.3	25	15.3
December	77.4	167.4	90.3	177			11.1	11.2	30.7	41.6
TOTAL	1069.6	M	843.4	M	M	M	183.9	277.6	474.4	M

Sources: Environment Canada

M = Missing, therefore incomplete data

* = The value displayed is based on incomplete data

BC Agricultural Land Management Practices

Land Usage Type	Farms Reporting	Hectares
Total number of farms	19,844	2,835,458
Weed control on summerfallow land, chemical only	56	3,719
Weed control on summerfallow land, tillage only	437	15,854
Weed control on summerfallow land, tillage and chemical combination	103	6,008
Use of herbicides	4,109	153,900
Use of insecticides	2,242	29,922
Use of fungicides	1,948	25,014
Use of commercial fertilizer	7,172	331,440
Use of lime	1,306	9,668
Soil conservation - crop rotation	4,311	na
Soil conservation - rotational grazing	6,785	na
Soil conservation - Winter cover crops	1,358	na
Soil conservation - Plowing down green crops	1,869	na
Soil conservation - Buffer zones around water bodies	3,255	na
Soil conservation - Windbreaks or shelterbelts	4,794	na
Total land prepared for seeding	6,342	198,472
Tillage incorporating most crop residue into soil	4,316	108,857
Tillage retaining most crop residue on the surface	1,366	51,723
No-till or zero-till seeding	1,066	37,892
Total use of irrigation	6,938	118,538
Irrigated field crops	918	17,962
Irrigated hay and pasture	3,074	77,187
Irrigated vegetables	942	4,297
Irrigated fruit	2,663	16,045
Other irrigated areas	662	3,046

Source: Statistics Canada. Census of Agriculture 2006.

na - not applicable

Age of BC Farm Operators at Census 2006

	Under 35 years	35 to 54 years	55 years and over	Total ⁽¹⁾
British Columbia	1,770	14,555	13,540	29,870
Percent of Total	6%	49%	45%	
Canada	29,925	164,160	132,975	327,055
Percent of Total	9%	50%	41%	

Source: Statistics Canada Census of Agriculture 2006.

(1) Figures may not add to totals due to rounding.

Number of BC Farm Operators Using Computers

	1991	1996	2001	2006
By Gross Receipts Class				
Under \$10,000	940	2,073	3,238	3,609
\$10,000 to \$49,999	589	1,165	2,121	2,333
50,000 to 99,999	239	397	654	843
100,000 to 499,999	715	999	1,380	1,443
500,000 and over	262	510	753	868
Total	2,745	5,144	8,146	9,096
By Farm Type				
Dairy	350	406	497	451
Cattle	539	830	1,647	1,726
Pigs	67	84	85	60
Poultry	98	214	312	281
Eggs	65	157	220	262
Grains/Oilseeds	72	110	109	107
Forages	112	280	608	651
Tree Fruit	270	582	708	783
Berry and Grape	121	233	458	699
Field Vegetables (inc. Potatoes)	93	222	267	370
Greenhouse Veg. & Mushroom Farms	46	80	188	145
Floriculture & Nursery	286	484	796	886
Other	626	1,462	2,251	2,675
Total	2,745	5,144	8,146	9,096
By Region				
Cariboo	166	350	664	791
Kootenay	132	295	515	619
Lower Mainland/Southwest	1,046	1,751	2,513	2,629
Nechako	102	171	377	401
North Coast	15	28	44	60
Peace River	182	341	590	660
Thompson/Okanagan	727	1,411	2,242	2,534
Vancouver Island/Coast	375	797	1,201	1,402
Total	2,745	5,144	8,146	9,096

Source: Statistics Canada. Censuses of Agriculture.

Field Crop Production in BC

	Area Harvested ('000 hectares)		Yield (kg/ha)		Production ('000 tonnes)	
	2009	2010	2009	2010	2009	2010
Spring Wheat	30.3	23.8	2,300	1,800	71.2	43.7
Oats	10.1	17	2,800	1,900	28.5	32
Barley	16.2	15.8	2,800	1,900	45.7	30.2
Rye	0*	0*	0*	0*	0*	0*
Canola	28.3	36	1,600	1,000	45.4	35.2
Mixed Grains	0*	0*	0*	0*	0*	0*
Tame Hay	390.5	384.5	3,480	4,000	1,360.8	1,555.8
Fodder Corn	12.1	6.1	44,980	48,300	544.3	294.8
Dry Peas	0*	0*	0*	0*	0*	0*

Source: Adapted in part from Statistics Canada Catalogue 22-002

* Any crops harvested as forage or green silage are not included in reported crop production

Livestock on BC Farms

('000 head)	At Jan 1/09	At Jan 1/10	At Jan 1/11
Bulls, One year and older	13.0	12.0	12.0
Milk Cows	71.1	71.1	70.5
Milk Heifers	32.0	33.4	35.0
Beef Cows	212.0	197.0	192.0
Beef Heifers – breeding	28.0	27.5	28.0
Beef Heifers – slaughter	12.0	8.0	8.5
Steers, One Year and Over	23.0	16.0	21.0
Calves	163.9	154.0	153.0
Total Cattle and Calves	555.0	519.0	520.0
Sows and Bred Gilts	16.5	11.9	8.5
Boars, Six Months and Over	0.4	0.3	0.2
Pigs under 20kg	37.9	38.9	23.7
Pigs 20 – 60 kg	27.0	24.8	22.3
Over 60 kg	34.2	24.1	24.3
Total Pigs	116	100	79
Rams	1.7	1.5	1.5
Ewes	27.5	26.1	25.7
Replacement Lambs	7.2	5.4	5.4
Market Lambs	12.6	12.0	11.9
Total Sheep and Lambs	49.0	45.0	44.5
	At Dec 31/08	At Dec 31/09	At Dec 31/10
Bison¹	10.4	5.9	5.1
Fallow Deer¹	3.0	1.0	0.8

Source: Statistics Canada. Catalogues 23-012; 23-010 and 23-011, unless otherwise specified.

¹ B.C. Ministry of Agriculture and Lands, Animal Health Branch.

Selected BC Horticultural Crop Production

	2009	2010
Tree Fruits (tonnes)		
Apples	93,259	82,304
Pears	4,372	4,436
Peaches	3,744	4,755
Apricots	755	514
Cherries, Sweet	13,782	9,091
Cherries, Sour	F	114e
Plums and Prunes	853	926
Nectarines	674	1,023
Berries and Grapes (tonnes)		
Strawberries	1,353	1,871
Raspberries	10,565	7,632
Blueberries (low & high bush)	40,075	38,745
Cranberries	37,421	36,562
Grapes (table & wine)	16,264	17,472
Vegetables (tonnes)		
Asparagus	F	F
Beans (green or wax)	6,426	4,486
Broccoli	1,600	1,138
Carrots (baby & regular)	F	3,209
Cauliflower	F	x
Corn	6,167	5,201
Cucumbers, field	882	588
Lettuce (leaf and head)	6,765	9,728
Mushrooms **	31,751	33,571
Onions (Dry bulb)	F	x
Peas, green	2,448	1,974
Potatoes	92,081	47,628
Tomatoes, field	1,187	1,593
Greenhouse tomatoes	59,442r	62,054 ^E
Greenhouse peppers	27,987r	29,838
Greenhouse cucumbers	61,738r	F
Cut Flowers ('000)		
Roses, except Sweethearts (stems)	x	F
Tulip (stems)	20,309r	19,673 ^E
Geraniums (pots)	5,361r	4,475
Nursery Products ('000)		
Ornamental Bedding Plants	30,827r	41,023
Vegetable Plants	F	F
Tropical Foliage Plants	F	3,322

Sources: Statistics Canada Catalogues 22-003*** (Feb 18 2011)

22-008 (Jan 21 2011) and 22-202 (May 5 2011).

x - Suppressed to meet the confidentiality requirements of the Statistics Act

F too unreliable to be published

r Revised

e use with caution

** Source: BC Ministry of Agriculture estimate. Mushroom Area under cultivation for British Columbia is an estimate

***Data is subject to revision with the next release on June 23, 2011

BC Livestock Production for Consumption

(heads)	2009	2010
Total Slaughter¹		
Cattle	25,700r	35,600
Calves	2,600r	2,500
Hogs	232,300	208,000
Sheep and Lambs	79,100r	76,000

Sources: Statistics Canada Catalogues 23-010, 23-011 and 23-012; and Statistics Canada Livestock Division

¹ Includes Federal/Provincial inspected slaughter, other commercial slaughter and on farm slaughter

BC Milk Production

('000 litres)	2007	2008	2009	2010
Fluid Milk Production	372,308	375,766	376,772	373,384
Industrial Milk Production	260,034	284,295	283,648	282,462
Total Production	632,342	660,061	660,420	655,846

Sources: Agriculture and Agri-food Canada and BC Milk Marketing Board

Poultry and Egg Production

	2009	2010
Poultry Meat Production ('000 kg)		
Chicken	157,218r	155,946
Turkey	20,097	20,957
Total Production	177,315r	176,903
Egg Production ('000 doz)**	74,184	74,364

Source: Statistics Canada Catalogue 23-015

** Includes eggs consumed for home use, eggs sold for hatching and the reduction for leakers and rejects
r Revised

Honey Production

	2008	2009
Number of Beekeepers	1,848r	1,742
Number of Colonies	36,574	41,108
Average Yield per Colony (lb/Col)	47r	63
Total Production ('000 lb)	1,730r	2,590

Source: BC Ministry of Agriculture & Lands

Aquaculture Production

(tonnes)	2007r	2008r	2009P
Salmon	78,887	81,406	76,300
Trout	561	686	500
Total finfish	79,448	82,092	76,800
Clams	1658	1,299	1,200
Oysters	7483	5,654	5,400
Mussels	543	285	300
Scallops	157	276	400
Total shellfish	9,841	7,514	7,300
Total	89,289	89,606	84,100

Source: BC Ministry of Environment, Oceans & Marine Fisheries Branch, Sept 2010

P- data are preliminary

Finfish are in dressed head-on weights; Shellfish are in-shell weights.

Number of Organic Farms in BC

NUMBER OF ORGANIC FARMS BY FARM TYPE, CERTIFICATION STATUS AND CENSUS YEAR:

Organic Products*		Year	
		2001	2006
Total Farms reporting Certified	number	319	452
Total Farms reporting in Transition	number	..	73
Total Farms reporting Uncertified	number	..	2767
Total Farms Reporting	number	..	3232
Fruits, vegetables or greenhouse products			
Total Farms reporting Certified	number	267	358
Total Farms reporting in Transition	number	..	48
Total Farms reporting Uncertified	number	..	999
Total Farms Reporting	number	..	1,382
Field crops (grains, oilseeds, etc.)			
Total Farms reporting Certified	number	70	110
Total Farms reporting in Transition	number	..	23
Total Farms reporting Uncertified	number	..	753
Total Farms Reporting	number	..	880
Animals or animal products (meat, milk, eggs, etc.)			
Total Farms reporting Certified	number	53	86
Total Farms reporting in Transition	number	..	12
Total Farms reporting Uncertified	number	..	1,720
Total Farms Reporting	number	..	1,817
Other (maple syrup, herbs, etc.)			
Total Farms reporting Certified	number	45	63
Total Farms reporting in Transition	number	..	8
Total Farms reporting Uncertified	number	..	264
Total Farms Reporting	number	..	333

Source: Statistics Canada. Census of Agriculture 2001, 2006.

* In the 2001 Census of Agriculture, producers were asked to identify commodities grown that were "certified organic by a certified agency"; however, in 2006, producers were asked to check-off commodities grown that were certified, in transition, or uncertified.

Farm Cash Receipts for BC Agriculture

	(a)	(b)	(c)	(b)/(a)	(b)/(c)
			5 yr avg	%	%
	2009	2010	2005-2009	change	change
Grains and Oilseeds	39,730	32,772	31,235	-17.5%	4.9%
Tree Fruits	80,691	78,034	77,995	-3.3%	0.1%
Berries and Grapes	157,182	152,336	158,428	-3.1%	-3.8%
Field Vegetables	184,779	179,167	178,268	-3.0%	0.5%
Greenhouse Vegetables	245,938	276,537	222,468	12.4%	24.3%
Floriculture, Nursery and Sod	400,088	412,827	390,619	3.2%	5.7%
Forages	31,038	34,399	23,676	10.8%	45.3%
Other Crops (1)	30,002	28,269	34,206	-5.8%	-17.4%
Total Crops	1,169,450	1,194,339	1,116,898	2.1%	6.9%
Cattle and Calves	221,240	204,668	258,922	-7.5%	-21.0%
Dairy Products	493,772	493,741	445,384	0.0%	10.9%
Hogs	30,600	30,122	35,150	-1.6%	-14.3%
Poultry and Eggs	452,423	439,301	406,907	-2.9%	8.0%
Sheep & Lambs	8,839	9,104	8,336	3.0%	9.2%
Honey	6,926	6,672	7,576	-3.7%	-11.9%
Other Livestock	44,112	45,948	48,223	4.2%	-4.7%
Total Livestock	1,257,912	1,229,556	1,210,497	-2.3%	1.6%
Business Risk Management Payments	80,396	50,989	74,878	-36.6%	-31.9%
Crop Insurance	17,472	27,727	17,565	58.7%	57.9%
Other Direct Payments	3,859	2,848	14,837	-26.2%	-80.8%
Total Payments	101,727	81,564	107,281	-19.8%	-24.0%
Total Agriculture Receipts	2,529,089	2,505,459	2,434,676	-0.9%	2.9%

Source: Statistics Canada, Agriculture Division, Farm Income and Prices Section, May 2010.

Note: Totals are as reported by Statistics Canada and can include confidential data; for this reason the sum of industry data may not equate to the total.

Farm Gate Receipts for BC Aquaculture

	(a)	(b)	(c)	(b)/(a)	(b)/(c)
	2008r	2009	5 yr avg 2004-2008	% change	% change
Salmon	409,267	394,200	348,858	-3.7%	13.0%
Trout	2,816	2,500	1,588	-11.2%	57.5%
Total Finfish	412,083	396,700	350,445	-3.7%	13.2%
Clams	7,190	6,800	8,269	-5.4%	-17.8%
Oysters	6,522	6,500	7,967	-0.3%	-18.4%
Mussels	1,281	1,400	1,169	9.3%	19.7%
Scallops	1,167	1,600	678	37.1%	135.8%
Total Shellfish	16,160	16,300	18,083	0.9%	-9.9%
Other Finfish, Shellfish & Marine Plants	6,220	5,402	na	na	
Total Aquaculture Receipts	428,243	418,402	368,528	-2.3%	13.5%

Source: Statistics Canada, Agriculture Division and BC Ministry of Environment, Oceans & Marine Fisheries Branch. Sept. 2010.

Symbols: r - revised, p - preliminary figures

(1) Cannot be compared to previous Fast Stats. Other Crops includes Forest Products, Ginseng, Dry Peas, Christmas Trees and Other Crops, as reported in Statistics Canada's Farm Cash Receipts estimates.

Net Agricultural Farm Income in BC

	(a)	(b)	(c)	(b) / (a)	(b) / (c)
	2009	2010	5 Yr Average	2010 vs 2009 %Change	2010 vs 5yr Avg %Change
Crop Receipts	1,169,450	1,194,339	1,116,898	2.1%	6.9%
Livestock Receipts	1,257,912	1,229,556	1,210,497	-2.3%	1.6%
Program Receipts	101,727	81,564	107,281	-19.8%	-24.0%
Total Farm Cash Receipts	2,529,089	2,505,459	2,434,676	-0.9%	2.9%
Total Operating Expenses	2,279,221	2,262,237	2,205,005	-0.7%	2.6%
Net Cash Income	249,868	243,222	229,671	-2.7%	5.9%
Total Income-in-Kind	3,735	4,070	3,426	na*	18.8%
Total Depreciation	324,044	317,513	306,278	na*	3.7%
Realized Net Income	-70,441	-70,221	-73,181	na*	4.0%
Value of Inventory Change	-34,350	-16,766	-32,781	na*	48.9%
Total Net Income	-104,791	-86,987	-105,962	na*	17.9%

Source: Statistics Canada, Agriculture Division, Net Farm Income. May 2011.

BC Farm Operating Expenses and Depreciation Charges

	(a)	(b)	(c)	(b)/(c)
	2009	2010	5 yr avg 2005- 2009	% change
Property Taxes	23,217	23,890	22,068	8.3%
Rent	62,780	64,275	56,548	13.7%
Cash Wages, Room and Board	506,875	511,944	504,753	1.4%
Interest	160,666	158,334	164,653	-3.8%
Repairs to Buildings & Fences	60,096	62,199	58,207	6.9%
Electricity	48,477	53,664	46,777	14.7%
Telephone	18,981	19,512	18,574	5.1%
Fuel	63,546	66,787	65,254	2.3%
Machinery Repairs	108,437	108,979	108,573	0.4%
Business Insurance	43,049	44,340	42,209	5.0%
Custom Work	109,612	115,093	96,661	19.1%
Crop and Hail Insurance	6,091	5,950	4,720	26.1%
Fertilizer and Lime	111,326	100,194	101,642	-1.4%
Pesticides	39,853	36,426	36,890	-1.3%
Commercial Seed	82,740	85,719	81,148	5.6%
Irrigation	3,091	3,140	3,097	1.4%
Twine, Wire and Containers	84,805	83,364	81,239	2.6%
Commercial Feed	411,241	380,398	368,893	3.1%
Livestock & Poultry Purchases	64,556	55,664	65,081	-14.5%
Veterinary fees	37,519	37,632	37,403	0.6%
Other Expenses	140,587	143,981	134,607	7.0%
Total Gross Operating Expenses	2,279,221	2,262,237	2,200,392	2.8%
Building Depreciation	138,538	136,095	129,553	5.0%
Machinery Depreciation	185,506	181,418	176,421	2.8%
Total Depreciation	324,044	317,513	305,974	3.8%
Total Operating Expenses and Depreciation	2,603,265	2,579,750	2,506,943	2.9%

Source: Statistics Canada Catalogue 21-012

Average Income of Farm Operators, by Farm Type

AVERAGE INCOME (\$) OF B.C. AGRICULTURAL FARM OPERATORS¹, by Farm Type, 2008			
By Farm Type	Off-Farm Income	Net Farm Operating Income	Total Income
Oilseed & Grain Farming	49,212	33,484	82,696
Fruit and Tree Nut Farming	41,070	17,264	58,335
Other Vegetable (except potato) and melon farming	21,240	13,733	34,973
Potato Farming	41,374	50,584	91,958
Greenhouse, nursery and floriculture production	52,525	49,700	102,225
Other Crop Farming	47,751	-148	47,602
Total Crop Production	43,538	19,774	63,312
Beef Cattle Ranching and Farming, including Feedlots	39,596	-2,787	36,809
Dairy Cattle and Milk Production	38,496	63,685	102,181
Hog and Pig Farming	73,140	-19,691	53,449
Poultry and Egg Production	84,100	50,230	134,330
Other Animal Production	66,815	-20,710	46,104
Total Animal Production	51,626	11,992	63,617
TOTAL Animal and Crop Production	47,728	15,766	63,494

Source: Statistics Canada, Agriculture Division, Taxation Data Program. June 2010.

¹ Includes incorporated and unincorporated farms. Average income includes income before depreciation.

Note: This table will be updated with the mid June, 2011 release of 2009 estimates.

Food and Beverage Processing Sector

FOOD AND BEVERAGE PROCESSING					
	2006	2007	2008	2009	2010
Employment					
Number of Employees	26,862	27,062	27690 ⁽¹⁾	28,495	28,542
Average Weekly Earnings (\$/week) - Food	716	732	706	646	687
Average Weekly Earnings (\$/week) - Beverage	800	807	na	na	na

FOOD AND BEVERAGE PROCESSING SHIPMENTS					
	2006	2007	2008	2009	2010
Shipments (\$ millions)					
Animal Food Products	215	468	522	472	472
Grains and Oilseed milling	X	X	x	x	x
Sugar and confectionary	X	X	x	x	x
Fruit and Vegetables	261	523	459	446	421
Dairy Products	594	1,139	920	990	x
Meat and Meat Products	889	1,417	1,533	1,595	1,637
Seafood Products	635	403	399	411	x
Bakeries & tortillas	X	437	490	584	625
Other Food Industries	276	740	780	835	933
Total Food	3,295	5,479	5,471	5,742	5,997
Total Beverage	810	1,210	1,217	1,201	1,175
Total Food and Beverage	4,105	6,689	6,688	6,943	7,172

Source: Statistics Canada. SEPH. CANSIM Tables 281-0024, 281-0027 and 304-0015

⁽¹⁾ Due to confidentiality of the 2008 data, persons employed in the beverage and tobacco manufacturing sector are estimated, based on an average of the 2007 and 2009 published statistics.

Annual data for the Survey of Employment, Payroll and Hours (SEPH), is released at the end of March for the previous calendar year and is not subject to change.

Employment in the B.C. Agri-food Chain

	2006	2007	2008	2009	2010
Agriculture ¹ and Related Services	34,700	36,200	33,100	33,000	31,800
Aquaculture ²	2,100	2,100	2,100	2,100	2,100
Food and Beverage Processing	24,400	28,300	30,300	28,900	27,300
Food Wholesale & Distribution	13,200	12,400	12,700	17,200	12,200
Grocery Stores	63,582	69,406	67,020	66,475	60,822
Specialty Food Stores	8,770	8,780	8,458	7,934	7,569
Beverage and Other Food Stores	5,013	5,610	6,033	6,202	6,364
Florists	1,093	1,090	933	865	838
Restaurants & Food Service	124,361	130,209	138,084	140,032	139,451
Beverage Establishments	10,726	10,935	10,884	10,449	10,256
Total	287,945	305,030	309,612	313,157	298,700

Source: Statistics Canada, Labour Force Survey. CANSIM Table 281-0024; and Survey of Employment, Payroll and Hours, unless otherwise noted.

1 Does not include aquaculture.

2 Source: BC Ministry of Environment, Oceans and Marine Fisheries Branch. 2005 (most recent estimate available).

Agri-food Establishments by Industry

	2006	2007	2008	2009	2010
Primary Production:					
Crop Production	3,850	3,327	3,372	3,453	3,576
Animal Production	4,642	3,950	3,896	3,831	3,814
Support for Agriculture	700	637	642	648	689
<i>Subtotal</i>	<i>9,192</i>	<i>7,914</i>	<i>7,910</i>	<i>7,932</i>	<i>8,079</i>
Manufacturing:					
Food	1,194	1,174	1,127	1,136	1,133
Beverage	283	304	291	317	318
Tobacco	1	-	-	-	
Leather and Allied	75	59	55	54	52
Pesticide, Herbicide & Farm Products	37	38	32	29	31
<i>Subtotal</i>	<i>1,590</i>	<i>1,575</i>	<i>1,505</i>	<i>1,536</i>	<i>1,534</i>
Wholesale Distributors:					
Farm Products	291	277	267	253	250
Food	1,752	1,741	1,632	1,643	1,618
Beverages	283	218	218	214	226
Tobacco	15	17	14	13	13
Agricultural Supplies	204	203	196	193	193
<i>Subtotal</i>	<i>2,545</i>	<i>2,456</i>	<i>2,327</i>	<i>2,316</i>	<i>2,300</i>
Retail:					
Food	4,179	4,060	3,935	3,916	3,902
Beverage	213	253	272	489	534
Florists	493	462	449	456	461
Restaurants and Food Service	11,555	11,166	10,994	11,186	11,562
Drinking Places	769	760	740	727	721
<i>Subtotal</i>	<i>17,209</i>	<i>16,701</i>	<i>16,390</i>	<i>16,774</i>	<i>17,180</i>
Total	30,466	28,646	28,132	28,558	29,093

Source: Statistics Canada, Canadian Business Patterns. December 2010. Prepared by BC STATS

(1) Establishments with multiple retail locations are counted as one; includes sole proprietorships.

Wholesale Sales of BC Agriculture and Agri-Food Products

(\$'000)	2001	2002	2003	2004	2005	2006	2007	2008	2009
Farm Products ⁽¹⁾	670,267	744,925	768,309	785,110	785,110	785,110	785,110	785,110	785,110
Food	6,545,516	6,650,186	7,090,070	7,197,012	7,770,424	8,457,402	8,648,565	9,443,602	8,770,169
Alcohol and Beverages ⁽²⁾	653,800	762,236	917,115	777,717	777,717	998,781	998,781	825,814	807,767
Total	8,036,326	8,328,480	8,918,379	8,848,374	9,599,509	9,911,954	10,432,456	11,054,526	10,363,046

Source: Statistics Canada CANSIM Table 081-0005. Data for 2009 was released on March 29, 2011.

(1) Due to confidentiality, Farm Products data is not available from 2005 through 2009 inclusive. Estimates are therefore provided based on the 2004 data.

(2) 2004 and 2005 data are estimates, based on the previous three years average, due to confidentiality of data. 2007 data is estimated from 2006, due to confidentiality of the 2007 data estimate.

BC Food, Alcohol & Tobacco Purchases

(\$ Million)	2004	2005	2006	2007	2008	2009
Purchases by Residents:						
Food from Stores	8,645	9,047	9,045	9,763	10,454	10,382
Bulk & Other Food	183	184	175	222	200	219.09654
Alcoholic Beverages from Stores	723	811	764	828	880	900.11635
Tobacco	740	910	789	928	800	824.2493
Food from Restaurants	2,645	3,083	3,000	3,498	3,452	3,112
Alcoholic Beverages from Licensed Premises	248	329	292	369	339	334.647
Subtotal	13,184	14,363	14,065	15,609	16,125	15,772
Purchases from Restaurants by Visitors⁽¹⁾	3,002	2,832	3,350	3,156	3,516	3,891
Total Domestic Food, Alcohol & Tobacco Purchases	16,186	17,196	17,377	18,766	19,641	19,663

Source: Adapted from Statistics Canada CANSIM Tables 203-0002, 335-0005, 203-0013. Data is released in December each year; 2009 is the latest data available, released December 2010.

(1) Estimate based on operating revenue of restaurants

Contribution to GDP

CONTRIBUTION of AGRICULTURE, AQUACULTURE AND FOOD TO PROVINCIAL GDP (million Chained 2002 dollars)¹

	2002	2003	2004	2005	2006	2007	2008	2009	2010
Primary Agriculture ²	1,058	1,053	1,057	1,061	1,068	1,125	999	963	910
Animal Aquaculture	66.4	64.4	58.8	61.9	71.4	76.6	76.5	66.8	65.1
Agri Support	106	105	126	125	128	138	101	111	107
Food Manufacturing	1,399	1,348	1,383	1,483	1,472	1,501	1,510	1,531	1,604
Beverage Manufacturing ³	363	258	309	274	306	473	384	360	336
Total Agriculture	2,992	2,829	2,934	3,005	3,046	3,313	3,071	3,031	3,022
Total BC GDP	126,761	130,026	135,021	141,339	147,120	151,162	150,833	148,082	153,971
	Percent of BC GDP								
Primary Agriculture	0.83	0.81	0.78	0.75	0.73	0.74	0.66	0.65	0.59
Animal Aquaculture	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.04
Agri Support	0.08	0.08	0.09	0.09	0.09	0.09	0.07	0.07	0.07
Food Manufacturing	1.1	1.04	1.02	1.05	1	0.99	1.00	1.03	1.04
Beverage Manufacturing	0.29	0.2	0.23	0.19	0.21	0.31	0.25	0.24	0.22
Total Agriculture	2.36%	2.18%	2.17%	2.13%	2.07%	2.19%	2.04%	2.05%	1.96%

Source: BC Stats, Economic Statistics Unit adapted from: Statistics Canada, System of National Accounts - GDP by Industry.

1 The process of chaining takes into account fluctuations in price which will occur over time. In addition, chaining preserves the original growth rates within sectors and industries of the economy.

2 Includes Crop and Animal Production (NAICS 11A), less Animal Aquaculture (112500)

3 Based on the sum of GDP estimates for soft drink, brewery, winery and/or distillery manufacturing, as available; GDP for the aggregate "Beverage" manufacturing sector is otherwise confidential.

Exports – Five Top Markets

B.C.'S TOP FIVE AGRI-FOOD & SEAFOOD EXPORT MARKETS (\$'000)*				
Rank	Country	British Columbia		Canada
		2009	2010	2010
1	U.S.	1,631,469	1,642,371	19,953,444
2	Japan	315,352	296,306	3,282,866
3	China	94,451	154,068	2,949,976
4	Hong Kong	69,549	81,795	666,234
5	South Korea	55,244	56,429	596,748
	Sub Total	2,166,066	2,230,969	27,449,269
	All Countries**	2,446,276	2,543,902	39,350,368
	Top 5 - % of Total Exports	88.5%	87.7%	69.8%

Source: Global Trade Atlas (May 2011). * Ranked by 2010 B.C. export value with Canada comparison for 2010

** Total export value has been reduced from \$2.48 to \$2.45 billion in 2009 and from \$2.79 billion to \$2.54 in 2010 to account for an apparent discrepancy regarding exports of canola oil/oilcakes that is under investigation by Statistics Canada.

Exports – All Countries

EXPORTS OF AGRICULTURE, AQUACULTURE, FISH AND FOOD PRODUCTS TO ALL COUNTRIES (\$'000 CDN)				
	BC		Canada	
	2009	2010	2009	2010
Horses	4,420	14,221	42,411	54,691
Cattle and Calves	66,730	58,391	1,121,858	1,128,490
Live Poultry	871	953	354,468	388,879
Hogs	2,232	2,531	41,502	37,213
Other Live Animals	514	522	68,608	55,218
Beef	3,963	5,199	1,271,545	1,432,403
Pork	128,102	56,925	2,462,497	2,654,927
Poultry	31,242	30,487	334,429	333,712
Other Meat	7,420	4,640	147,146	125,505
Animal Fats	80,405	76,466	192,444	212,734
Other Animal Products	7,508	10,505	248,111	277,626
Fruits & Nuts	254,868	237,436	640,171	610,505
Field Vegetables	71,081	85,577	3,794,440	3,625,450
Greenhouse Vegetables	140,067	132,244	544,163	595,376
Vegetable Seeds for Sowing	3,013	3,033	126,323	92,434
Other Seeds for Sowing	2,667	2,177	192,489	171,568
Dairy & Edible Ice Products	12,788	15,686	248,443	239,299
Eggs	832	2,286	45,239	56,273
Cereals	18,260	20,951	7,004,154	5,624,732
Milled Cereals & Milling Products	25,580	26,084	870,483	682,179
Cereal Preparations	173,716	176,647	2,360,803	2,393,406
Oilseeds	14,458	20,852	4,925,587	5,185,927
Vegetable Oil & Oilcakes*	22,096	22,211	2,204,241	3,014,297
Alfalfa, Fodder & Animal Feeds	75,682	84,278	558,207	562,452
Coffee, Tea & Spices	32,252	34,372	342,208	420,645
Fruit and Vegetable Juice	39,428	46,654	142,420	134,682
Water	41,891	30,658	123,199	122,491
Other Non-Alcoholic Beverages	3,577	4,915	41,465	37,648
Beer & Cider	16,510	14,482	231,156	236,614
Wine	3,069	5,514	19,217	27,978
Distilled Spirits	141	1,432	375,981	394,102
Sugary & Sugar Confectionary	15,605	19,715	807,494	801,471
Sauces, Soups & Food Preparations	98,217	127,296	1,185,981	1,158,308
Cocoa & Cocoa Preparations	26,939	37,517	774,837	950,564
Industrial By Products & Residues	20,082	23,118	97,512	109,822
Raw Hides & Skins	3,137	61,499	181,796	291,756
Furskins	44,406	22,427	291,581	409,242
Plants, Bulbs & Flowers	56,266	57,128	296,884	302,240
Other Plant Products	8,610	6,443	296,599	340,863
Other Agriculture Products	5,171	4,341	169,478	169,465
Aquaculture Products	354,256	346,039	533,124	555,688
Processed Fish & Seafood Products**	521,134	604,119	3,070,687	3,307,621
Other Fish & Seafood Products	7,071	5,931	20,663	23,873
Total Exports	2,446,276	2,543,902	38,802,046	39,350,368

Source: CATSNET Analytics, Statistics Canada (May 2011)

* Vegetable Oil and Oilcakes has been revised from \$53.2 to \$22.1 million in 2009 and from \$264.2 to \$22.2 million to account for an apparent discrepancy of canola oil/oilcakes that is under investigation by Statistics Canada.

** Export data for processed fish products in the 2011 Fast Stats include those products categorized in the HS codes as 'fresh' and 'live.' The Fisheries Act requires that fish go through processing facilities, which may only include sorting and grading, and so live fish are thus 'processed'.

B.C.'s Top 25

B.C.'S TOP 25 AGRICULTURAL AND AQUACULTURAL COMMODITY SALES AND NATIONAL RANKING					
Ranking	Commodities	2010 BC Receipts (\$'000)	2010 Canada Receipts (\$'000)	BC Share of National (%)	BC Ranking in National
1	Dairy	493,741	5,523,912	8.9	3
2	Farmed Salmon	394,200	598,974	65.8	1
3	Chickens	304,129	1,967,043	15.5	3
4	Floriculture	233,711	1,165,031	20.1	2
5	Nursery	171,242	499,974	34.3	2
6	Beef	223,708	6,161,325	3.6	6
7	Tomatoes (Greenhouse)	140,811	508,865	27.7	2
8	Eggs - Total	92,316	704,451	13.1	3
9	Peppers (Greenhouse)	87,427	270,123	32.4	2
10	Mushrooms	83,206	255,112	32.6	2
11	Blueberries	59,693	131,067	45.5	1
12	Turkeys	42,856	322,459	13.3	3
13	Cranberries	39,391	72,178	54.6	1
14	Potatoes	36,836	1,002,256	3.7	8
15	Sweet Cherries	36,495	39,486	92.4	1
16	Grapes	35,302	98,546	35.8	2
17	Hay & Clover	34,399	310,979	11.1	4
18	Apples	34,274	180,290	19.0	3
19	Hogs	30,122	3,360,757	0.9	6
20	Forest Products	15,346	105,127	14.6	3
21	Canola	13,342	5,596,565	0.2	5
22	Raspberries	12,795	24,402	52.4	1
23	Wheat	10,461	3,210,403	0.3	6
24	Lambs	8,531	133,347	6.4	5
25	Sod	7,874	136,883	5.8	4

Source: Adapted from: Statistics Canada, Agriculture Division, Farm Cash Receipts Unit; Statistics Canada Catalogues 21-011 and 23-222; and BC Ministry of Environment, Ocean and Marine Fisheries Branch.

Receipts and ranking are based on the most recent, 2010 farm receipts data, except aquaculture products for which data is currently only available to 2009.

Note: In 2010, from the list of British Columbia's top 25 agricultural sales, the province led the nation in farm receipts from the production of farmed salmon, blueberries, cranberries, sweet cherries, and raspberries. The province ranked second to Ontario in farm receipts for floriculture, nursery products, greenhouse tomatoes, greenhouse peppers, mushrooms, and grapes.