

Quality
is in our nature



Statistical Overview of the Canadian Vegetable Industry **2013**

Prepared by:
Market Analysis and Information Section
Horticulture and Cross Sectoral Division
Agriculture and Agri-Food Canada
September 2014



Government
of Canada

Gouvernement
du Canada

Canada



© Her Majesty the Queen in Right of Canada, represented by the Minister of Agriculture and Agri-Food (2014).

Electronic version available at

www.agr.gc.ca/horticulture_e

ISSN: 1925-3796

AAFC No: 12294E

Paru également en français sous le titre

Aperçu statistique de l'industrie des légumes du Canada, 2013

ISSN: 1925-380X

n° d'AAC: 12294F

Author: Mark Darrach, Market Analysis and Information Section

For more information, reach us at www.agr.gc.ca or call us toll-free at 1-855-773-0241.



TABLE OF CONTENTS

Overview.....	1
1. Production.....	2
1.1. Number of Field Vegetable Farms by Province	2
1.2. Number of Greenhouse Vegetable Farms by Province	2
1.3. Planted Area of Field Vegetables by Province	3
1.4. Planted Area of Field Vegetables by Province – Percent Share, 2013.....	3
1.5. Planted Area of Field Vegetables by Commodity.....	4
1.6. Harvested Area of Greenhouse Vegetables by Province.....	5
1.7. Harvested Area of Greenhouse Vegetables by Province – Percent Share, 2013	5
1.8. Harvested Area of Greenhouse Vegetables by Commodity	6
1.9. Harvested Area of Greenhouse Vegetables by Commodity – Percent Share, 2013	6
1.10. Marketed Production of Field Vegetables by Province.....	7
1.11. Marketed Production of Field Vegetables by Province – Percent Share, 2013	7
1.12. Marketed Production of Field Vegetables by Commodity	8
1.13. Farm Gate Value of Field Vegetables by Province	9
1.14. Farm Gate Value of Field Vegetables by Province – Percent Share, 2013	9
1.15. Farm Gate Value of Field Vegetables by Commodity	10
1.16. Greenhouse Vegetable Production by Province	11
1.17. Greenhouse Vegetable Production by Province – Percent Share, 2013	11
1.18. Greenhouse Vegetable Production by Commodity	12
1.19. Farm Gate Value of Greenhouse Vegetables by Province	12
1.20. Farm Gate Value of Greenhouse Vegetables by Commodity	12
1.21. Area, Production and Sales of Canadian Mushroom	13
2. Retail Market.....	14
2.1. Canadian Retail Vegetable Market – Size and Sources	14
2.2. Forecast of Fresh Vegetable Retail Sales by Volume in '000 Tonnes	14
3. Farm Cash Receipts.....	15
3.1. Field Vegetable Farm Cash Receipts by Province.....	15
3.2. Greenhouse Vegetable Farm Cash Receipts by Province.....	15
3.3. Total Vegetable Farm Cash Receipts by Province	16
3.4. Total Vegetable Farm Cash Receipts by Province – Percent Share, 2013	16
4. Innovation.....	17
4.1. Number of New Products Launched in Canada under Sub-category “Vegetable”, 2009 – 2013	17
4.2. Number of New Products Launched in Canada under the Sub-category “Vegetable” by Launch Type, 2009 – 2013.....	18



4.3. Top 10 Claims of New Products Launched in Canada under the Sub-category “Vegetable”, 2009 – 2013.....	18
4.4. Top 5 Claims of New Products Launched in Canada under the Sub-category “Vegetable”, 2009 – 2013	19
5. Trade	20
5.1. Canadian Vegetable Trade Balance, 2009 – 2013	20
5.2. EXPORTS	21
5.2.1. Canada’s Fresh Vegetable Exports by Commodity – Value	21
5.2.2. Canada’s Fresh Vegetable Exports by Commodity – Volume	22
5.2.3. Top 5 Vegetable Export Destinations by Commodity – Value.....	23
5.2.4. Top 10 Vegetable Export Destinations – Value.....	24
5.2.5. Top Vegetable Export Destinations by Province	25
5.3. IMPORTS	27
5.3.1. Canada’s Fresh Vegetable Imports by Commodity – Value.....	27
5.3.2. Canada’s Fresh Vegetable Imports by Commodity – Volume.....	28
5.3.3. Top 5 Vegetable Import Sources by Commodity – Value	29
5.3.4. Top 10 Vegetable Import Sources	30
5.3.5. Top Vegetable Import Sources by Province	31
6. Availability for Consumption.....	33
6.1. Fresh Vegetables Available for Consumption in Canada.....	33
7. World Production	35
7.1. World Vegetable Production by Commodity.....	35
8. Trade	36
8.1. Top 10 Importers of Fresh Vegetables Worldwide.....	36
8.2. Top 10 Exporters of Vegetables Worldwide	36
8.3. Top 10 Selected Vegetable Imports Worldwide	37
8.4. Top 10 Vegetable Exports Worldwide	37
9. Key Resources	38



Overview

This report focuses on field vegetables, greenhouse vegetables and mushrooms. It does not include information regarding potatoes, because a separate report for potatoes is published (ISSN: 1925-3796; AAFC No. 12203E). The present report provides a statistical overview of the vegetable industry by presenting relevant information that includes the number of farms, total farm area, production, farm gate value, revenue, trade, retail sales and innovation in the vegetable sector.

The province of Ontario remained the largest producer of field vegetables in Canada. In 2013, Ontario's share of Canada's total production was 56%, which was a 4% decrease from the previous year. Quebec and British Columbia were the second and third largest producers, with 31% and 3% of Canadian field vegetables, respectively.

In 2013, total Canadian farm cash receipts (FCR)¹ for field vegetables amounted to \$1.14 billion, an increase of \$17.3 million or 1.5% from 2012. Farm cash receipts increased for all provinces except Ontario, Manitoba and Prince Edward Island, for which FCR decreased. Even though Ontario experienced a decline in FCR from the previous year, the province remained the largest revenue generator in Canada, with \$545 million or 48% of total FCR in Canada.

The Canadian greenhouse sector, which produced tomatoes, cucumbers, peppers and lettuce, saw an increase in harvested area of nearly 7% from 2012. Ontario harvested the largest area in the greenhouse sector, with approximately 9.5 million square metres in 2013. The national increase in harvested area coincided with a similar increase in Canadian greenhouse production, which grew by 36,000 tonnes or 6.5% from 2012. Ontario and British Columbia remained the largest producers in 2013, growing 70% and 21% of Canada's greenhouse vegetables, respectively.

Farm cash receipts for the greenhouse vegetable sector increased from approximately \$1.1 billion in 2012 to \$1.25 billion in 2013, an increase of 16%. Ontario (63.2%), British Columbia (24.4%) and Quebec (7.2%) accounted for the largest shares of FCR in the greenhouse sector in 2013.

Total Canadian vegetable exports, comprising field vegetables, greenhouse vegetables and mushrooms, amounted to \$1.3 billion in 2013, an increase of 24% from 2012. The United States remained the largest purchaser of Canadian vegetables, with 96% of exports heading south of the border.

Canada's top export commodities (tomatoes, peppers, cucumber and gherkins, and mushrooms) each experienced a five-year high in export value. The same trend can be seen in export volume for all those commodities except tomatoes, for which the volume in 2013 (141,000 tonnes) fell below the levels seen in both 2010 (143,000 tonnes) and 2011 (142,000 tonnes). Greenhouse commodities were responsible for most of the value of tomato exports and cucumber and gherkin exports in 2013. For total tomato exports, 93.6% came from the greenhouse sector, while 90.2% of total cucumber and gherkin exports were from that sector.

In 2013, Canada imported \$2.65 billion worth of vegetables, with \$1.69 billion (64%) of total vegetable imports coming from the United States. Mexico was Canada's second largest source of imports but trailed the United States by a large percentage, with \$651 million or 25% of total vegetable imports.

The value of Canada's top vegetable import commodities² (lettuce, tomatoes, cabbage and peppers) increased in 2013 after a decline from 2011 to 2012. Of the top four import commodities, cabbage experienced the largest increase (38.6%), followed by tomatoes (14.8%).

¹ Farm cash receipts represent the cash income received from the sale of agricultural commodities, as well as direct program payments made to support the agricultural sector.

² Canada's top import commodities include only field vegetables.



1. Production

1.1. Number of Field Vegetable Farms¹ by Province

Province	2006	2011	Change
	Number of Reporting Farms ¹		
Newfoundland and Labrador	154	150	-3%
Prince Edward Island	114	97	-15%
Nova Scotia	367	375	2%
New Brunswick	207	202	-2%
Quebec	2,052	1,833	-11%
Ontario	3,909	3,527	-10%
Manitoba	273	208	-24%
Saskatchewan	210	180	-14%
Alberta	508	445	-12%
British Columbia	1,705	2,040	20%
Canada	9,499	9,057	-5%

Source: Statistics Canada, Census of Agriculture. (CANSIM Table 004-0003)

Note:

1. Number of farms includes all farms reported to be growing vegetables as a crop, and not exclusively only farms in which vegetable production represents 50% or more of total farm cash receipts.

1.2. Number of Greenhouse Vegetable¹ Farms by Province

Province (Region)	2009	2010	2011	2012	2013
	Number of Reporting Operations				
Atlantic provinces	35	40	45	50	50
Quebec	235	240	245	240	235
Ontario	240	240	235	235	230
Prairie provinces	80	80	80	85	85
British Columbia	105	120	130	135	135
Canada	695	720	735	745	735

Source: Statistics Canada. (CANSIM Table 001-0047)

Note:

1. Includes greenhouse tomatoes, lettuce, peppers and cucumber.



1.3. Planted Area of Field Vegetables by Province

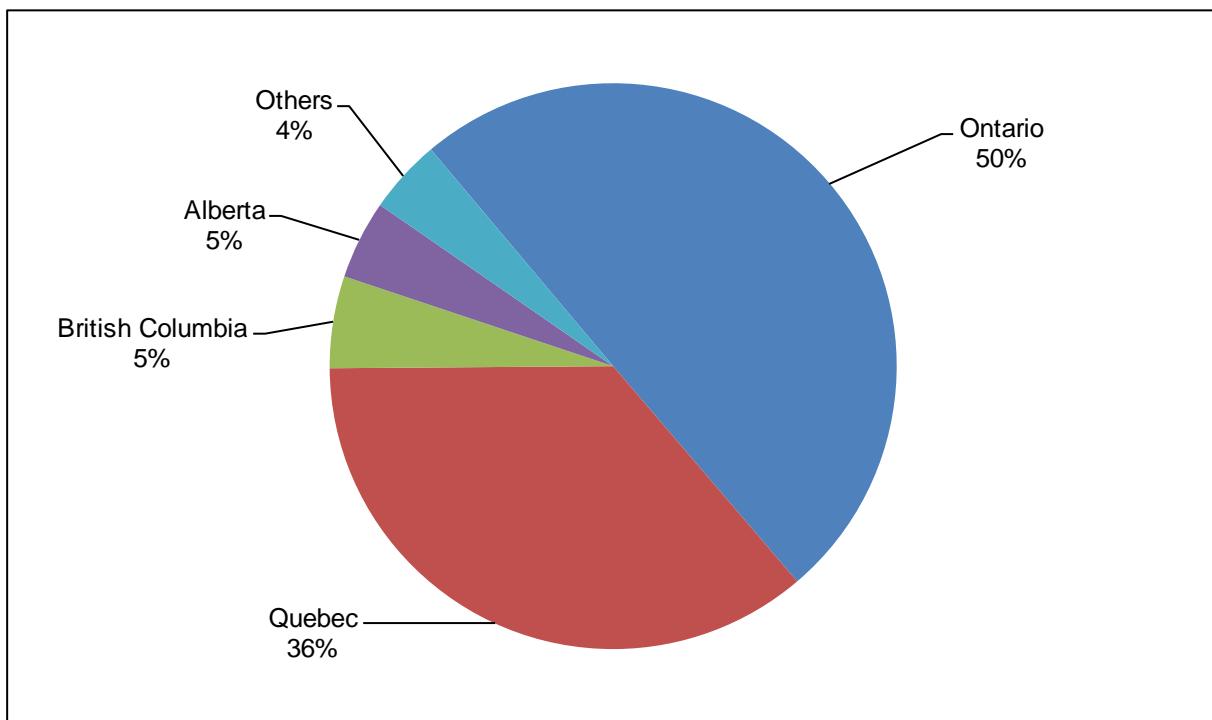
Province	2009	2010	2011	2012	2013
	Hectares				
Newfoundland and Labrador	257	249	246	221	250
Prince Edward Island	784	931	883	906	834
Nova Scotia	1,859	2,010	2,085	2,315	965
New Brunswick	394	649	650	610	579
Quebec	39,586	36,697	36,002	35,455	34,311
Ontario	45,898	46,782	47,705	49,434	47,365
Manitoba	651	1,707	1,694	776	1,247
Saskatchewan	88	126	161	89	160
Alberta	3,490	3,014	3,344	3,432	4,274
British Columbia	4,818	5,242	5,427	5,431	4,996
Canada¹	105,608	101,868	100,249	101,488	98,465

Source: Statistics Canada. (CANSIM Table 001-0013)

Note:

1. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.

1.4. Planted Area of Field Vegetables by Province – Percent Share, 2013



Source: Statistics Canada. (CANSIM Table 001-0013)



1.5. Planted Area of Field Vegetables by Commodity

Commodity	2009	2010	2011	2012	2013
	Hectares				
Corn	22,931	22,500	22,880	21,919	20,778
Peas	13,283	11,376	11,591	13,705	13,257
Beans	9,399	8,898	8,398	9,222	8,591
Carrots ¹	8,890	8,746	8,772	8,610	8,184
Tomatoes	6,628	6,791	6,831	6,834	6,524
Cabbage ²	4,951	5,046	5,603	5,798	5,693
Dry onions	5,751	5,590	5,345	5,436	4,718
Broccoli	4,628	4,556	4,149	4,062	4,220
Lettuce ³	5,483	4,677	4,035	3,583	3,840
Squash and zucchinis	2,465	2,564	2,598	2,595	2,827
Pumpkins	2,839	3,102	2,984	2,844	2,754
Cucumbers	2,677	2,439	2,228	1,905	1,942
Asparagus	1,949	1,829	1,742	1,737	1,930
Peppers	1,815	1,942	1,950	1,979	1,902
Rutabagas and turnips	1,756	1,836	1,766	1,863	1,736
Cauliflower	2,058	1,967	1,811	1,766	1,617
Beets	1,240	1,242	1,384	1,347	1,482
Radishes	1,123	962	976	966	923
Spinach	714	1,008	834	779	822
Watermelon	807	732	569	540	802
Celery	817	911	750	721	765
Shallots	951	745	691	689	730
Other melons	534	501	473	579	600
Brussels sprouts	643	632	566	609	467
Parsnips	328	310	351	383	384
Garlic	256	245	333	297	360
Leeks	380	372	329	353	287
Parsley	148	175	146	187	197
Rhubarb	164	174	164	180	133
Total	105,608	101,868	100,249	101,488	98,465

Source: Statistics Canada. (CANSIM Table 001-0013)

Notes:

1. Includes baby carrots and regular carrots.
2. Includes Chinese cabbage and regular cabbage.
3. Includes leaf lettuce and head lettuce.



1.6. Harvested Area of Greenhouse Vegetables¹ by Province

Province	2009	2010	2011	2012	2013
	Square Metres				
Newfoundland and Labrador	1,960	2,708	1,509	2,522	2,647
Prince Edward Island	0	0	242	0	1,236
Nova Scotia	2,547	53,141	52,850	51,554	67,311
New Brunswick	3,326	0	0	0	0
Quebec	771,294	640,553	650,696	813,802	1,059,405
Ontario	8,008,184	7,711,213	8,260,638	8,946,414	9,536,949
Manitoba	5,670	7,724	7,786	6,778	6,595
Saskatchewan	7,241	9,653	9,289	4,575	15,250
Alberta	334,451	482,583	506,093	520,013	541,095
British Columbia	2,749,139	2,736,957	2,805,537	2,890,257	2,973,639
Canada²	12,002,508	11,908,517	12,616,282	13,342,785	14,246,566

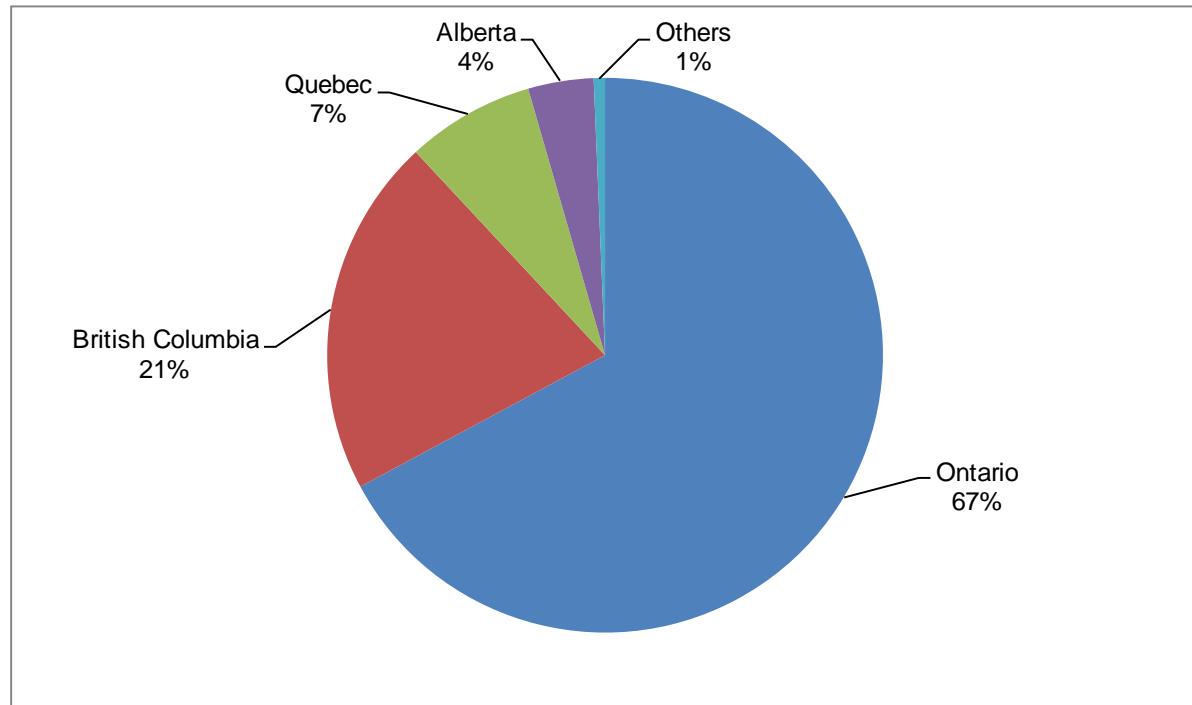
Source: Statistics Canada. (CANSIM Table 001-0006)

Notes:

1. Includes greenhouse tomatoes, lettuce, peppers and cucumber.

2. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.

1.7. Harvested Area of Greenhouse Vegetables by Province – Percent Share, 2013



Sources: Statistics Canada. (CANSIM Table 001-0006)

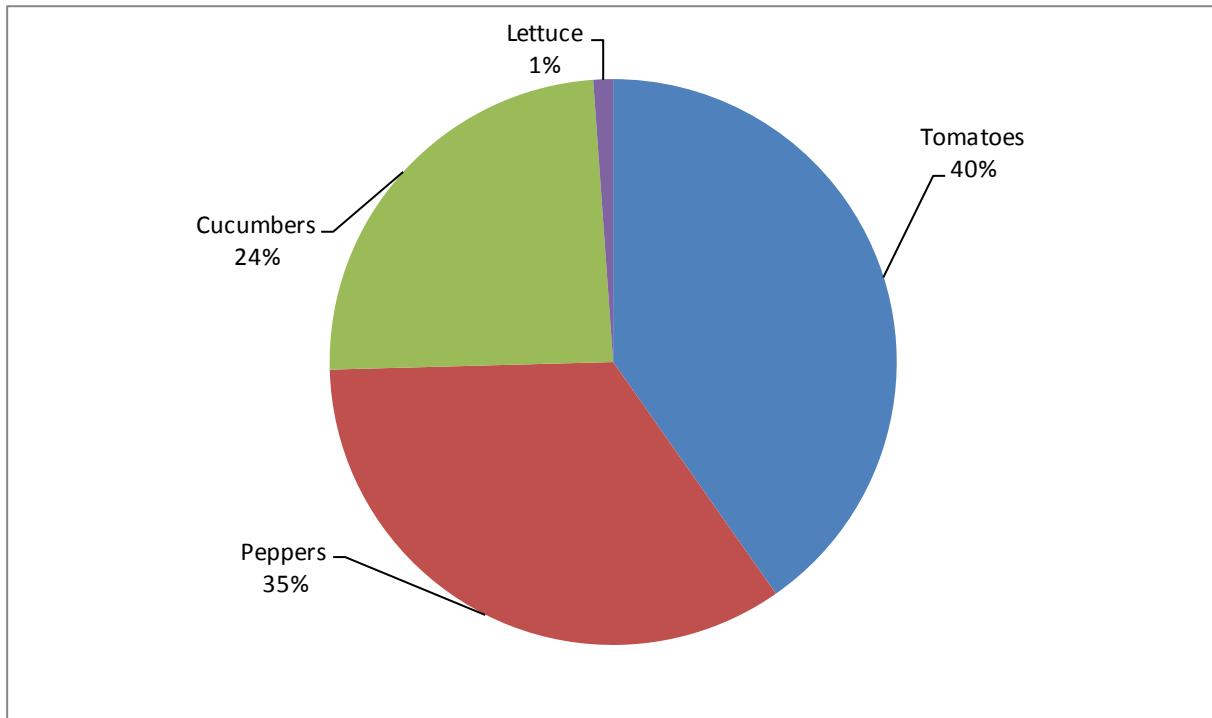


1.8. Harvested Area of Greenhouse Vegetables by Commodity

Commodity	2009	2010	2011	2012	2013
	Square Metres				
Tomatoes	4,952,311	4,937,170	5,321,281	5,313,632	5,736,378
Peppers	3,537,868	3,787,568	3,887,737	4,546,257	4,887,414
Cucumbers	3,281,416	2,935,202	3,089,805	3,273,983	3,462,689
Lettuce	230,913	248,577	317,459	208,913	160,085
Total	12,002,508	11,908,517	12,616,282	13,342,785	14,246,566

Source: Statistics Canada. (CANSIM Table 001-0006)

1.9. Harvested Area of Greenhouse Vegetables by Commodity – Percent Share, 2013



Source: Statistics Canada. (CANSIM Table 001-0006)



1.10. Marketed Production¹ of Field Vegetables by Province

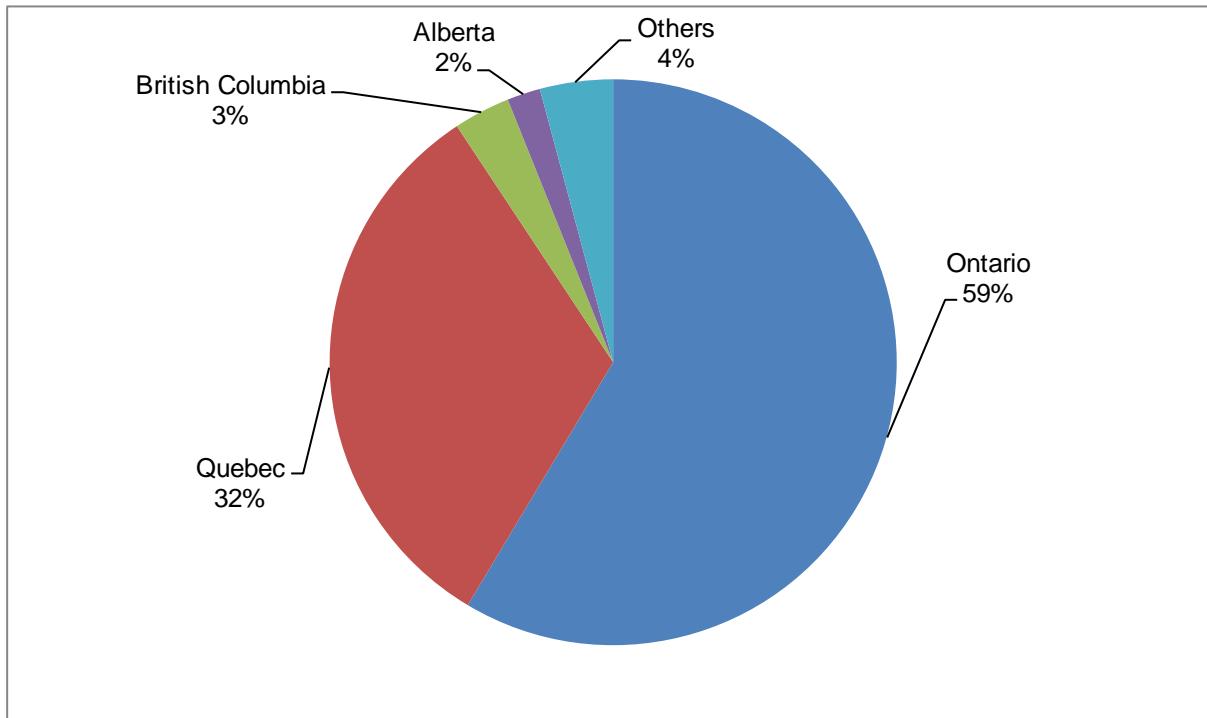
Province	2009	2010	2011	2012	2013
	Metric Tones				
Newfoundland and Labrador	5,496	4,262	3,976	4,140	4,653
Prince Edward Island	20,772	21,149	30,004	38,550	30,351
Nova Scotia	64,064	61,993	58,309	54,353	18,890
New Brunswick	2,733	8,451	7,455	7,524	7,428
Quebec	577,154	558,919	541,371	567,977	578,702
Ontario	1,168,526	1,173,646	1,231,093	1,265,827	1,054,655
Manitoba	964	17,235	27,041	4,134	12,783
Saskatchewan	320	1,887	2,050	754	932
Alberta	25,176	21,028	21,016	26,213	34,134
British Columbia	49,161	58,131	67,683	63,830	58,123
Canada²	2,046,677	2,013,643	2,029,118	2,090,536	1,888,696

Source: Statistics Canada. (CANSIM Table 001-0013)

Notes:

1. Marketed Production refers to the total quantity of vegetables sold to the fresh and processing markets.
2. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.

1.11. Marketed Production of Field Vegetables by Province – Percent Share, 2013



Source: Statistics Canada. (CANSIM Table 001-0013)



1.12. Marketed Production¹ of Field Vegetables by Commodity

Commodity	2009	2010	2011	2012	2013
	Metric Tonnes				
Tomatoes	502,273	473,792	471,602	478,151	387,823
Carrots ²	336,315	402,150	412,164	392,412	337,664
Corn	223,618	208,636	209,013	212,725	202,291
Dry onions	205,776	190,821	189,877	194,047	169,678
Cabbage ³	145,903	143,582	159,591	162,274	158,316
Lettuce ⁴	74,523	69,454	62,494	64,219	74,821
Beans	48,599	46,848	43,497	60,207	52,763
Pumpkins	49,346	46,675	57,777	62,475	51,634
Peas	60,021	44,766	43,022	58,970	49,088
Cucumbers	64,428	53,949	42,967	49,115	47,441
Peppers	39,031	44,379	46,313	50,544	45,721
Rutabagas and turnips	43,912	46,514	53,671	46,023	45,353
Beets	25,635	25,188	31,068	36,354	39,837
Broccoli	41,478	38,918	33,716	34,786	37,945
Celery	33,652	32,474	28,668	27,936	34,384
Cauliflower	32,188	32,377	28,995	30,574	31,275
Squash and zucchinis	28,316	28,291	31,804	33,510	29,562
Watermelon	14,548	18,693	18,054	22,940	22,946
Other melons	13,077	11,988	11,331	16,436	16,370
Radishes	12,663	12,898	11,550	12,262	12,328
Shallots	17,159	10,300	10,905	10,414	9,904
Asparagus	7,835	6,210	6,577	6,235	7,479
Parsnips	4,523	4,769	5,729	7,483	5,589
Leeks	4,864	5,247	5,092	4,432	4,408
Spinach	5,307	5,473	4,017	5,165	4,112
Brussels sprouts	7,174	4,976	6,141	6,361	3,224
Garlic	498	415	572	752	3,004
Parsley	1,989	1,870	1,309	2,088	2,296
Rhubarb	2,026	1,990	1,602	1,646	1,440
Total	2,046,677	2,013,643	2,029,118	2,090,536	1,888,696

Source: Statistics Canada. (CANSIM Table 001-0013)

Notes:

1. Marketed Production refers to the total quantity of vegetables sold to the fresh and processing markets.
2. Includes baby carrots and regular carrots.
3. Includes Chinese cabbage and regular cabbage.
4. Includes leaf lettuce and head lettuce.



1.13. Farm Gate Value¹ of Field Vegetables by Province

Province	2009	2010	2011	2012	2013
	CAD\$ (000)				
Newfoundland and Labrador	4,667	3,160	3,402	3,711	3,849
Prince Edward Island	5,541	6,441	9,059	8,127	7,165
Nova Scotia	12,193	14,141	17,110	17,469	11,455
New Brunswick	2,227	5,278	5,143	5,667	5,494
Quebec	261,497	274,602	260,759	274,522	301,021
Ontario	316,305	327,255	356,228	359,403	349,550
Manitoba	987	11,232	17,902	6,355	8,210
Saskatchewan	710	1,418	1,731	940	1,521
Alberta	3,167	8,713	9,354	12,522	16,229
British Columbia	44,599	53,679	60,736	57,721	54,332
Canada²	769,539	753,348	775,137	800,297	825,467

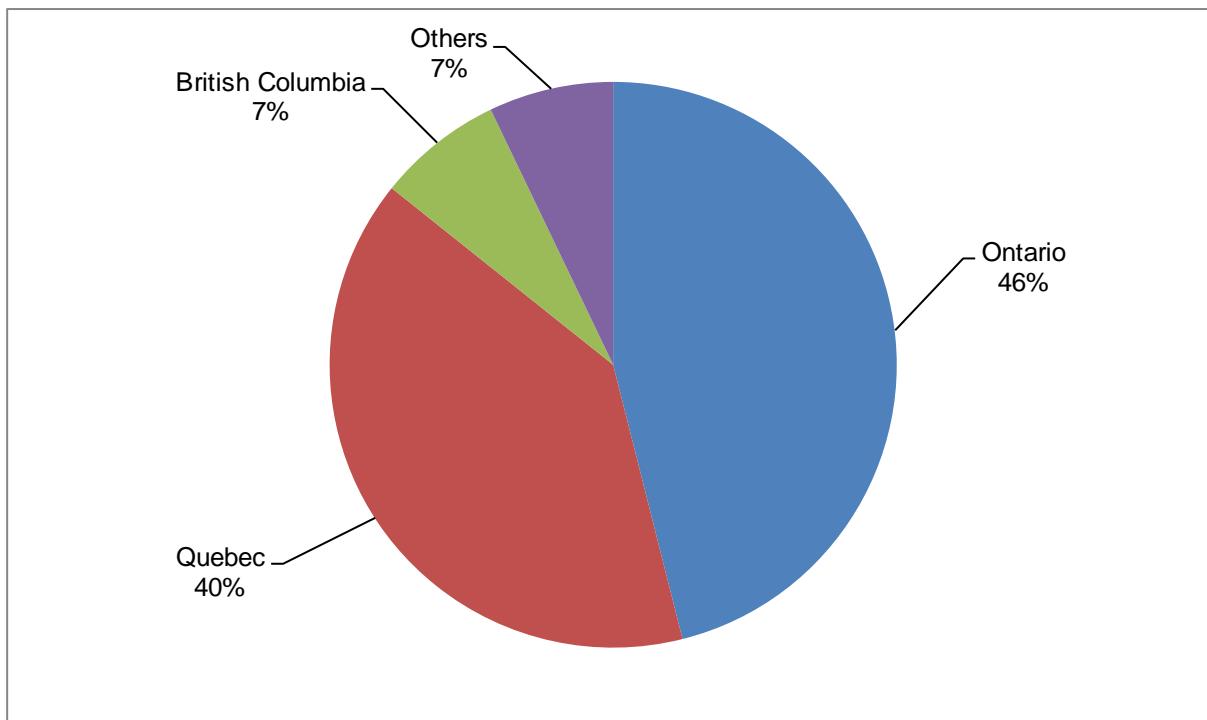
Source: Statistics Canada. (CANSIM Table 001-0013)

Note:

1. Farm gate value represents production values, expressed as remuneration obtained at the "farm gate", and is concerned with gross returns to growers.

2. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.

1.14. Farm Gate Value of Field Vegetables by Province – Percent Share, 2013



Source: Statistics Canada. (CANSIM Table 001-0013)



1.15. Farm Gate Value of Field Vegetables by Commodity

Commodity	2009	2010	2011	2012	2013
	CAD\$ (000)				
Carrots ¹	84,195	97,071	95,491	87,567	93,291
Corn	73,690	63,765	70,493	71,524	72,015
Cabbage ²	42,849	47,653	60,415	62,524	66,750
Tomatoes	86,856	76,500	80,831	79,910	65,019
Dry onions	59,369	73,515	65,242	65,452	62,137
Lettuce ³	60,961	59,431	48,248	51,287	61,604
Broccoli	39,717	35,594	33,492	40,241	47,939
Peppers	28,268	32,866	33,782	39,170	37,945
Beans	26,886	31,300	30,295	30,410	31,093
Cucumbers	32,862	26,020	23,130	23,851	29,942
Asparagus	24,136	21,465	22,392	22,887	26,850
Cauliflower	23,172	24,183	22,333	23,846	25,506
Squash and zucchinis	20,483	20,998	26,955	26,685	24,710
Peas	24,056	16,346	17,327	24,145	22,136
Rutabagas and turnips	21,719	18,532	22,024	21,495	20,606
Pumpkins	15,277	15,339	16,956	17,586	18,023
Shallots	24,225	14,301	15,907	15,667	16,418
Beets	9,430	9,517	13,922	12,189	15,977
Celery	13,382	15,562	12,369	14,587	15,644
Garlic	2,989	2,617	6,190	6,593	11,917
Radishes	11,578	11,481	10,739	10,832	10,531
Other melons	7,013	7,114	6,250	8,494	9,420
Watermelon	5,361	7,242	7,409	6,901	7,962
Leeks	7,786	7,217	7,953	7,551	7,449
Spinach	7,512	8,015	6,681	8,703	7,405
Parsnips	3,929	4,752	5,966	7,064	5,984
Brussels sprouts	6,950	F	7,331	7,426	5,090
Parsley	3,218	3,155	2,820	3,430	4,055
Rhubarb	1,670	1,797	2,194	2,280	2,049
Total	769,539	753,348	775,137	800,297	825,467

Source: Statistics Canada. (CANSIM Table 001-0013)

Notes:

1. Includes baby carrots and regular carrots.
2. Includes Chinese cabbage and regular cabbage.
3. Includes leaf lettuce and head lettuce.

F: Too unreliable to be published.



1.16. Greenhouse Vegetable¹ Production by Province

Province	2009	2010	2011	2012	2013
	Metric Tonnes				
Newfoundland and Labrador	9.08	10.48	7.04	8.73	12.01
Prince Edward Island	0.00	0.00	0.31	0.00	0.00
Nova Scotia	2.05	1,541.89	347.04	1,943.04	2,762.54
New Brunswick	56.25	0.00	0.00	0.00	24.82
Quebec	20,352.45	24,482.21	22,467.61	22,777.16	23,230.81
Ontario	212,631.74	217,483.92	348,486.61	385,362.99	410,346.20
Manitoba	86.37	145.17	189.56	161.91	177.89
Saskatchewan	73.53	86.80	91.91	86.19	210.28
Alberta	7,102.91	7,720.87	21,024.85	23,114.96	20,134.21
British Columbia	87,428.40	91,892.18	112,094.75	115,072.61	129,520.83
Canada²	330,085.39	343,663.52	509,125.54	551,714.00	587,581.91

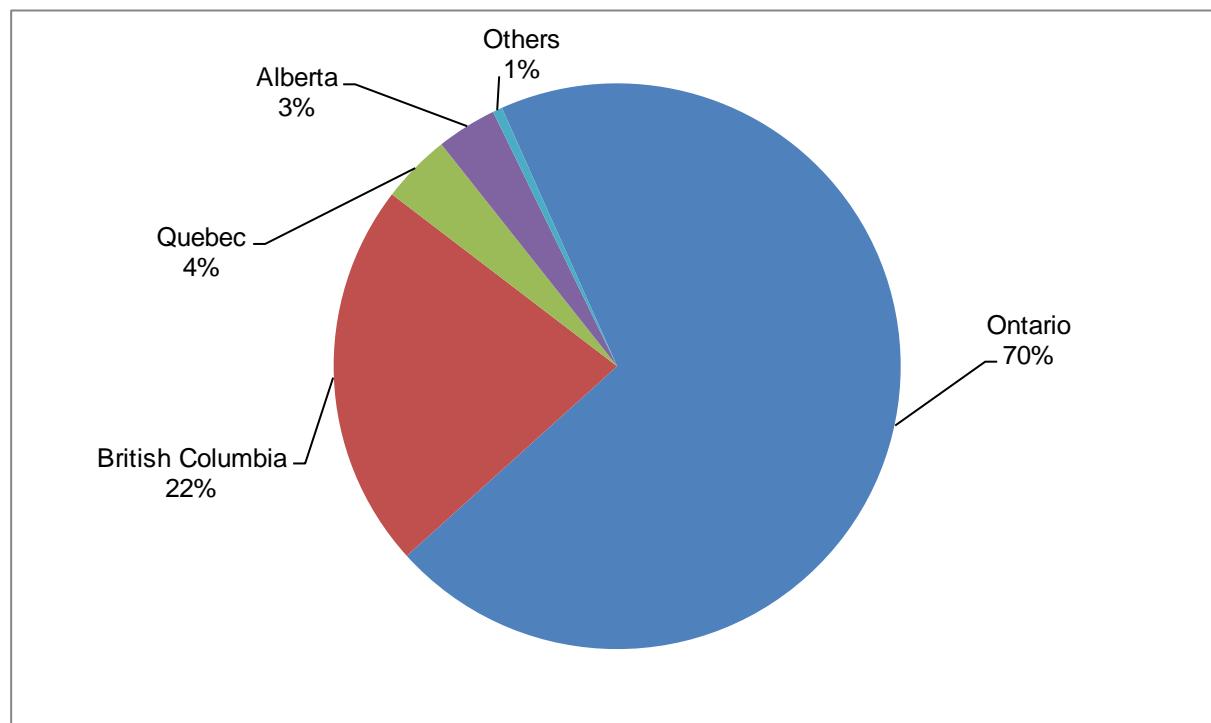
Source: Statistics Canada. (CANSIM Table 001-0006)

Notes:

1. Does not include lettuce.

2. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.

1.17. Greenhouse Vegetable Production by Province – Percent Share, 2013



Source: Statistics Canada. (CANSIM Table 001-0006)



1.18. Greenhouse Vegetable Production by Commodity

Commodity	2009	2010	2011	2012	2013
	Metric Tonnes				
Tomatoes	242,547	251,131	266,481	272,992	286,221
Cucumbers	152,453	166,731	173,268
Peppers	87,538	92,533	90,192	111,991	128,092
Lettuce ¹	10,580	12,775	15,643	15,304	17,468
Total	340,665	356,439	524,769	567,018	605,050

Source: Statistics Canada. (CANSIM Table 001-0006)

Notes:

1. Lettuce production has been converted using Statistics Canada's conversion rate: 1 dozen heads of lettuce is equal to 15 pounds (where 1 pound = 0.4536kg).

..Data not available.

1.19. Farm Gate Value of Greenhouse Vegetables by Province

Province	2009	2010	2011	2012	2013
	CAD\$ (000)				
Newfoundland and Labrador	19	34	19	22	74
Prince Edward Island	0	0	6	0	15
Nova Scotia	0	4,888	1,039	4,699	7,302
New Brunswick	145	0	0	0	115
Quebec	78,410	72,891	71,981	80,913	84,711
Ontario	597,176	651,205	687,296	678,383	782,954
Manitoba	374	548	724	651	703
Saskatchewan	639	793	847	398	1,194
Alberta	32,232	40,733	42,379	50,545	52,975
British Columbia	243,294	247,377	259,239	231,049	299,792
Canada¹	962,233	1,042,738	1,095,624	1,055,981	1,236,993

Source: Statistics Canada. (CANSIM Table 001-0006)

Note:

1. Totals may not add up as some data was suppressed to meet confidentiality requirements of Statistics Canada Act.

1.20. Farm Gate Value of Greenhouse Vegetables by Commodity

Commodity	2009	2010	2011	2012	2013
	CAD\$ (000)				
Tomatoes	458,681	476,765	484,934	437,649	515,509
Cucumbers	235,162	278,123	299,612	313,357	389,333
Lettuce	246,485	264,584	284,522	281,791	308,147
Peppers	21,905	23,265	26,555	23,184	24,004
Total	962,233	1,042,738	1,095,624	1,055,981	1,236,993

Source: Statistics Canada. (CANSIM Table 001-0006)



1.21. Area, Production and Sales¹ of Canadian Mushroom

Region ²	2009	2010	2011	2012	2013
Square feet (000)					
Maritime Provinces and Quebec	799	626	714	618	678
Ontario	18,501	19,470	18,491	20,198	21,340
Western Provinces	15,120	15,778	15,778	16,336	16,189
Canada³	34,420	35,874	34,983	37,152	38,208
Metric Tonnes					
Maritime Provinces and Quebec	1,725	1,765	1,731	1,196	770
Ontario	47,529	45,663	46,217	54,098	49,312
Western Provinces	39,140	40,256	40,256	41,313	40,751
Canada³	88,394	87,683	88,204	96,607	90,833
CAD\$ (000)					
Maritime Provinces and Quebec	4,658	4,394	4,253	3,284	3,426
Ontario	165,867	162,958	155,307	176,064	186,630
Western Provinces	103,334	98,963	99,814	114,153	115,426
Canada³	273,859	266,315	259,374	293,501	305,481

Source: Statistics Canada. (CANSIM Table 001-0012)

Notes:

1. Value represents that received by the grower in all cases, except for those who sell to the largest mushroom cooperative in British Columbia, where value is that received by the co-op.
2. Regional distributions shown as presented by *Statistics Canada*.
3. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.



2. Retail Market

2.1. Canadian Retail Vegetable Market – Size and Sources

	2009	2010	2011	2012	2013
Availability of Fresh Vegetables	Volume ('000 Tonnes)				
Production for Canadian Market ¹	567.6	512.5	551.6	544.7	358.5
Imports ²	1,494.4	1,550.1	1,614.6	1,626.2	1,685.9
Actual Sales					
Retail Sales ³	1,584.8	1,585.8	1,619.5	1,639.1	1,675.3

Sources:

Retail sales: Euromonitor International

Production and Imports: Statistics Canada

Notes:

1. Production for Canadian market was derived from total marketed production, excluding vegetables produced for processing and exports.
2. Imports for fresh market only: Excludes fresh vegetable imports for processing.
3. Retail sales are defined as sales through establishments primarily engaged in the sale of fresh, packaged and prepared foods for home preparation and consumption.

2.2. Forecast of Fresh Vegetable Retail Sales by Volume in '000 Tonnes

	2014	2015	2016	2017	2018
Retail Sales ¹	1,707.2	1,741.1	1,776.5	1,808.2	1,842.2

Source: *Euromonitor International*

Note:

1. Data Projections are based on fifteen-year historic trends and industry insider views.



3. Farm Cash Receipts

3.1. Field Vegetable Farm Cash Receipts by Province

Province	2009	2010	2011	2012	2013
	CAD\$ (000)				
Newfoundland and Labrador	4,494	3,799	3,522	3,766	4,312
Prince Edward Island	8,166	10,143	11,166	10,346	10,101
Nova Scotia	16,852	17,673	21,911	21,282	26,106
New Brunswick	6,240	7,341	7,198	6,734	7,212
Quebec	280,424	280,825	277,313	307,220	325,670
Ontario	527,599	510,603	530,459	553,784	544,636
Manitoba	35,615	31,989	32,787	35,911	33,757
Saskatchewan	1,981	1,775	2,349	1,843	2,303
Alberta	28,750	20,303	25,635	23,701	24,234
British Columbia	144,431	146,311	151,288	161,114	164,651
Canada¹	1,054,552	1,030,764	1,063,628	1,125,702	1,142,982

Source: Statistics Canada. (CANSIM Table 002-0001)

Note:

1. Totals may not add up as some data was suppressed to meet confidentiality requirements of Statistics Canada Act.

3.2. Greenhouse Vegetable Farm Cash Receipts by Province

Province	2009	2010	2011	2012	2013
	CAD\$ (000)				
Newfoundland and Labrador	209	214	144	78	194
Prince Edward Island	455	356	413	354	408
Nova Scotia	7,156	4,983	6,126	5,110	7,825
New Brunswick	432	1,210	1,364	1,466	722
Quebec	82,808	95,095	96,313	89,858	89,949
Ontario	608,037	666,749	700,014	692,650	791,965
Manitoba	558	972	1,082	1,182	1,258
Saskatchewan	850	1,131	1,267	1,211	1,244
Alberta	33,818	41,554	43,262	51,068	53,733
British Columbia	245,938	252,466	266,235	235,515	305,301
Canada¹	980,262	1,064,731	1,116,220	1,078,490	1,252,600

Source: Statistics Canada. (CANSIM Table 002-0001)

Note:

1. Totals may not add up as some data was suppressed to meet confidentiality requirements of Statistics Canada Act.



3.3. Total Vegetable Farm Cash Receipts by Province

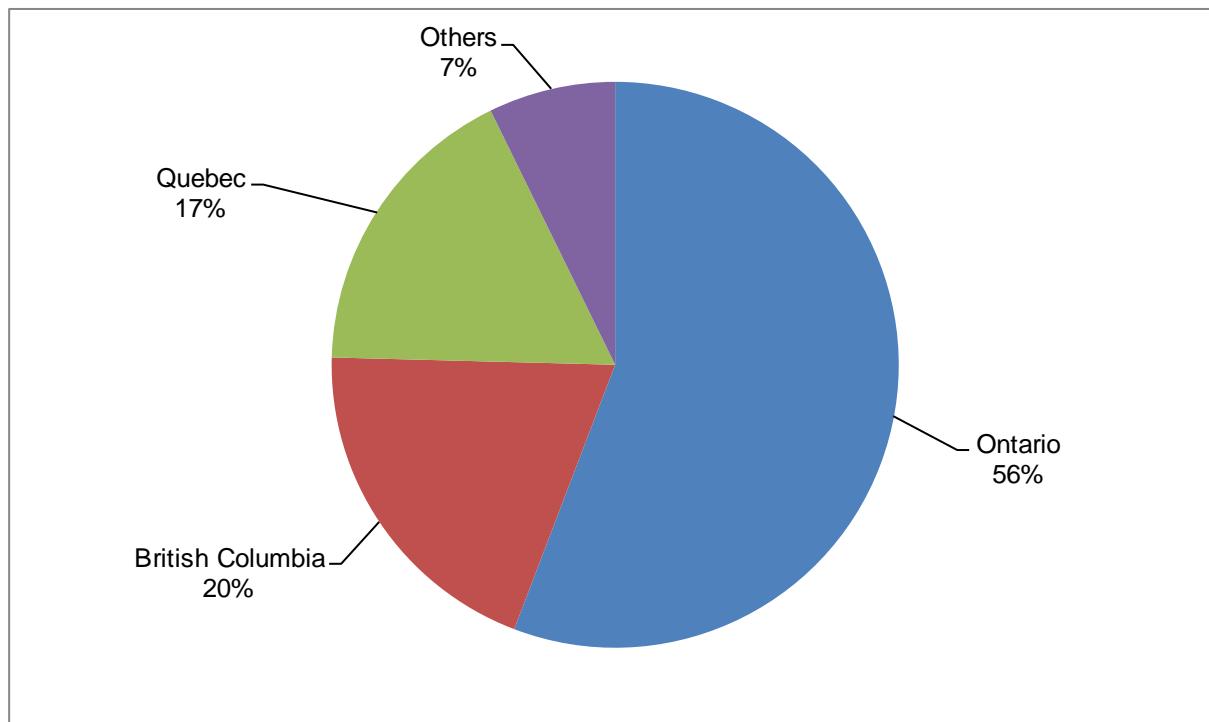
Province	2009	2010	2011	2012	2013
	CAD\$ (000)				
Newfoundland and Labrador	4,703	4,013	3,666	3,844	4,506
Prince Edward Island	8,621	10,499	11,579	10,700	10,509
Nova Scotia	24,008	22,656	28,037	26,392	33,931
New Brunswick	6,672	8,551	8,562	8,200	7,934
Quebec	363,232	375,920	373,626	397,078	415,619
Ontario	1,135,636	1,177,352	1,230,473	1,246,434	1,336,601
Manitoba	36,173	32,961	33,869	37,093	35,015
Saskatchewan	2,831	2,906	3,616	3,054	3,547
Alberta	62,568	61,857	68,897	74,769	77,967
British Columbia	390,369	398,777	417,523	396,629	469,952
Canada¹	2,034,814	2,095,495	2,179,848	2,204,192	2,395,582

Source: Statistics Canada. (CANSIM Table 002-0001)

Note:

1. Totals may not add up as some data was suppressed to meet confidentiality requirements of *Statistics Canada Act*.

3.4. Total Vegetable Farm Cash Receipts by Province – Percent Share, 2013

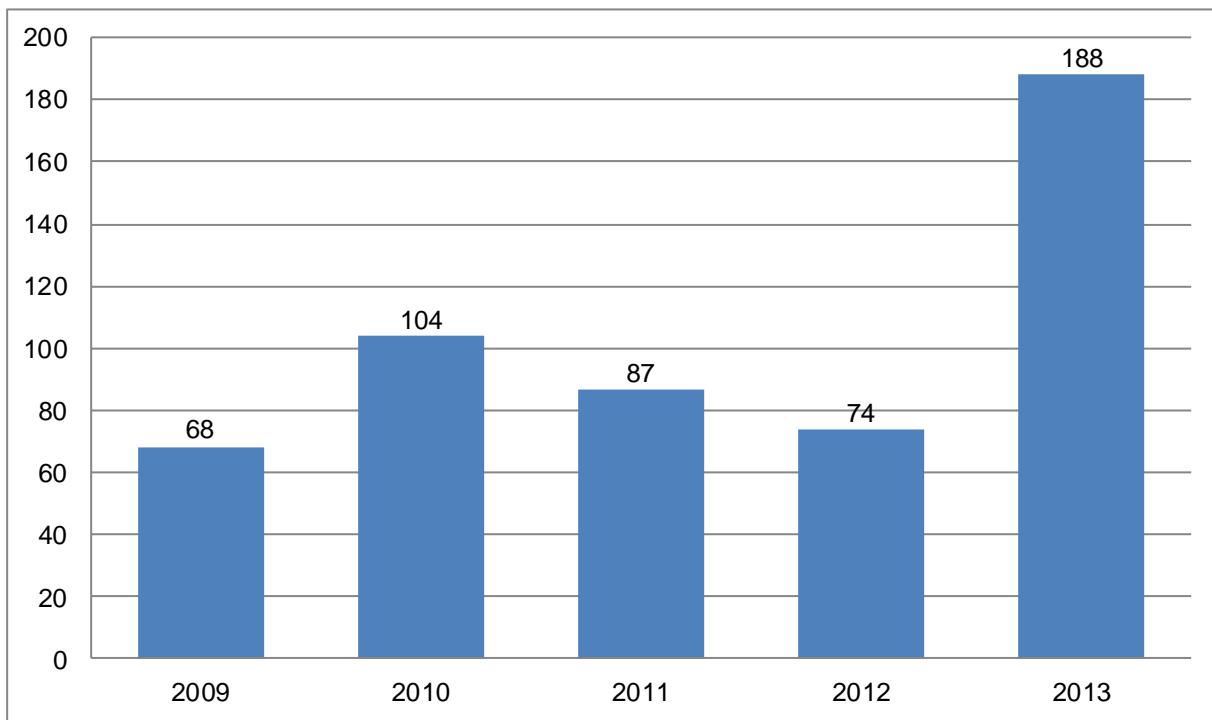


Source: Statistics Canada. (CANSIM Table 002-0001)



4. Innovation

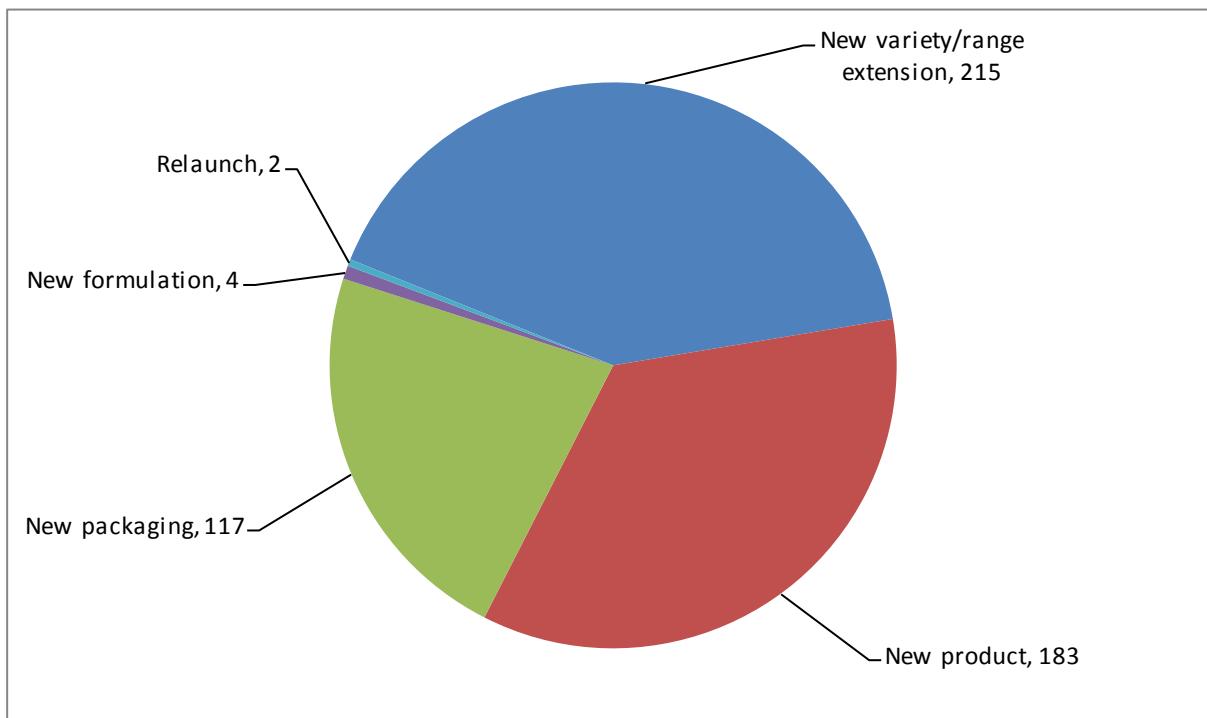
4.1. Number of New Products Launched in Canada under Sub-category “Vegetable”, 2009 – 2013



Source: Mintel



4.2. Number of New Products Launched in Canada under the Sub-category “Vegetable” by Launch Type, 2009 – 2013



Source: Mintel

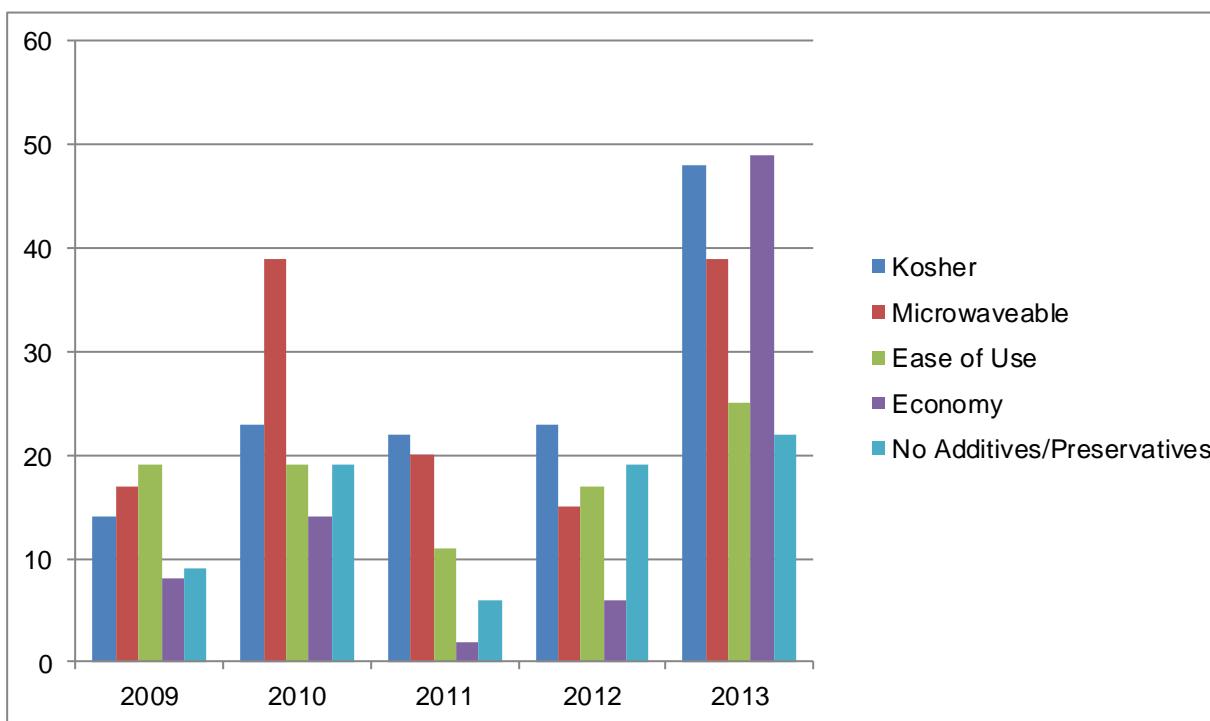
4.3. Top 10 Claims of New Products Launched in Canada under the Sub-category “Vegetable”, 2009 – 2013

	2009	2010	2011	2012	2013	Total
Kosher	14	23	22	23	48	130
Microwaveable	17	39	20	15	39	130
Ease of Use	19	19	11	17	25	91
Economy	8	14	2	6	49	79
No Additives/Preservatives	9	19	6	19	22	75
Ethical-Enviro Friendly Package	12	12	11	11	20	66
Organic	8	13	14	5	18	58
High/Added Fibre	0	3	3	6	42	54
Convenient Packaging	3	24	8	7	8	50
Low/No/Reduced Sodium	3	5	6	6	16	36

Source: Mintel



4.4. Top 5 Claims of New Products Launched in Canada under the Sub-category “Vegetable”, 2009 – 2013



Source: Mintel



5. Trade

5.1. Canadian Vegetable Trade Balance, 2009 – 2013

Vegetable Category	2009	2010	2011	2012	2013
	CAD\$ (000)				
Exports					
Fresh, Frozen and Dried	963,983	1,056,719	1,056,265	1,047,736	1,297,676
Processed	153,874	150,065	133,245	123,321	123,743
Total	1,117,857	1,206,784	1,189,510	1,171,057	1,421,419
Imports					
Fresh, Frozen and Dried	2,239,453	2,267,649	2,359,487	2,278,760	2,649,430
Processed	586,774	595,103	639,431	680,367	733,325
Total	2,826,227	2,862,752	2,998,918	2,959,127	3,382,755
Net Trade (Exports less Imports)					
Fresh, Frozen and Dried	-1,275,470	-1,210,930	-1,303,222	-1,231,024	-1,351,754
Processed	-432,900	-445,038	-506,186	-557,046	-609,582
Total	-1,708,370	-1,655,968	-1,809,408	-1,788,070	-1,961,336

Source: Statistics Canada. (CATSNET, June 2014)



5.2. EXPORTS

5.2.1. Canada's Fresh Vegetable Exports by Commodity – Value

Commodity	2009	2010	2011	2012	2013
	CAD\$ (000)				
Tomatoes ¹	290,672	308,158	299,533	274,321	337,072
Peppers ¹	188,588	230,995	206,767	225,659	272,850
Cucumbers and gherkins ^{1,2}	99,207	103,176	125,059	126,590	177,829
Mushrooms ^{2,3}	88,978	109,597	110,736	115,770	130,445
Cabbage	31,097	41,728	44,514	39,500	57,186
Peas ⁴	22,522	19,229	18,084	17,233	49,002
Beans ⁴	28,790	31,357	34,677	41,648	42,542
Carrots	41,197	36,577	48,327	38,896	39,165
Onions and shallots ³	26,551	39,893	20,421	22,432	32,459
Corn ⁴	21,879	18,339	18,007	20,635	19,789
Lettuce	14,554	11,982	9,119	14,486	18,245
Leguminous vegetables ⁴	3,174	2,607	3,196	4,194	17,027
Cauliflower and broccoli	6,657	5,340	7,971	8,869	10,846
Asparagus	5,828	4,517	5,250	6,711	6,712
Spinach ⁴	2,968	3,195	2,891	3,625	5,959
Eggplant	2,524	4,306	3,417	3,989	4,200
Celery	1,328	1,731	2,826	2,668	2,826
Leeks	519	895	993	1,282	1,933
Brussels sprouts	1,208	244	223	262	385
Garlic	554	558	495	377	343
Sweet potatoes	106	241	4,855	1,825	229
Turnips	85	78	159	175	126
Other vegetables ^{2,3,4}	84,997	81,977	88,744	76,589	70,508
Total	963,983	1,056,719	1,056,265	1,047,736	1,297,676

Source: Statistics Canada. (CATSNET, June 2014)

Notes:

1. Includes greenhouse vegetables.
2. Includes provisionally preserved.
3. Includes dried.
4. Includes frozen.



5.2.2. Canada's Fresh Vegetable Exports by Commodity – Volume

Commodity	2009	2010	2011	2012	2013
	Metric Tonnes				
Tomatoes ¹	130,884	142,773	141,511	139,507	140,682
Cucumbers and gherkins ^{1,2}	64,737	68,612	82,368	89,359	108,212
Peppers ¹	73,688	88,273	85,342	97,716	103,782
Cabbage	48,392	70,165	67,030	62,399	78,351
Carrots	85,978	85,694	97,995	91,526	78,163
Peas ⁴	16,474	18,469	17,647	16,125	52,252
Onions and shallots ³	41,679	58,963	30,180	38,936	50,667
Beans ⁴	19,385	25,801	28,642	31,581	34,262
Mushrooms ^{2,3}	20,894	29,587	28,143	31,465	31,945
Leguminous vegetables ⁴	2,219	2,060	2,748	3,017	22,942
Lettuce	15,456	13,158	10,396	14,457	16,445
Corn ⁴	16,897	16,710	16,531	16,698	16,089
Cauliflower and broccoli	8,574	7,791	10,355	11,776	11,814
Celery	3,434	3,544	6,029	4,930	5,842
Spinach ⁴	1,286	1,313	1,241	1,459	2,149
Asparagus	1,412	1,189	1,482	1,511	1,678
Leeks	329	538	845	987	1,641
Eggplant	887	1,454	1,198	1,274	1,330
Sweet potatoes	207	513	7,208	2,700	552
Turnips	93	130	345	726	408
Garlic	77	80	147	217	211
Brussels sprouts	1,144	138	94	118	157
Other vegetables ^{2,3,4}	92,697	93,013	104,090	78,121	69,888
Total	646,822	729,969	741,567	736,605	829,462

Source: Statistics Canada. (CATSNET, June 2014)

Notes:

1. Includes greenhouse vegetables.
2. Includes provisionally preserved.
3. Includes dried.
4. Includes frozen.



5.2.3. Top 5 Vegetable¹ Export Destinations by Commodity – Value

Country	Commodity	2009	2010	2011	2012	2013
		CAD\$ (000)				
United States	Tomatoes	289,376	307,457	298,910	273,748	335,650
	Peppers	188,548	230,946	206,702	225,610	272,821
	Cucumbers and gherkins	99,206	103,174	125,028	126,589	177,762
	Mushrooms	79,635	102,075	98,527	111,418	117,895
	Others	291,426	293,821	303,105	291,450	344,023
	Total	948,191	1,037,472	1,032,272	1,028,814	1,248,150
Japan	Mushrooms	7,726	4,940	6,314	3,195	8,934
	Peas	92	529	1,144	1,450	1,851
	Tomatoes	1,236	632	583	561	1,265
	Beans	0	27	0	19	51
	Others	154	154	364	24	7
	Total	9,208	6,282	8,406	5,249	12,107
China	Peas	0	2,014	677	1,241	5,241
	Beans	0	0	0	0	84
	Leguminous vegetables	0	0	0	0	64
	Mushrooms	15	0	40	8	53
	Others	440	965	45	63	81
	Total	455	2,979	762	1,312	5,522
France	Mushrooms	487	1,372	2,907	426	1,910
	Peppers	2	9	5	8	23
	Lettuce	4	8	6	6	14
	Beans	1	48	0	605	9
	Others	34	65	51	102	35
	Total	528	1,502	2,970	1,148	1,992
Switzerland	Mushrooms	143	334	1,330	200	484
	Others	15	0	0	0	0
	Total	159	334	1,330	200	484

Source: Statistics Canada. (CATSNET, June 2014)

Note:

1. Includes frozen and dried.



5.2.4. Top 10 Vegetable¹ Export Destinations – Value

Country	2009	2010	2011	2012	2013
	CAD\$ (000)				
United States	948,191	1,037,472	1,032,272	1,028,814	1,248,150
Japan	9,208	6,282	8,406	5,249	12,107
China	455	2,979	762	1,312	5,522
France	528	1,502	2,970	1,148	1,992
Colombia	0	146	0	292	1,063
Thailand	0	87	538	537	1,024
Netherlands	526	432	863	613	954
Chile	28	0	0	384	616
Egypt	23	7	56	78	571
Switzerland	159	334	1,330	200	484
Others	4,866	7,477	9,068	9,110	25,192
Total	963,983	1,056,719	1,056,265	1,047,736	1,297,676

Source: Statistics Canada. (CATSNET, June 2014)

Note:

1. Includes frozen and dried.



5.2.5. Top Vegetable Export Destinations by Province

Province	Exports to top 5 countries	2009	2013
	CAD\$		
Newfoundland and Labrador	France	1,260	0
	Saint Pierre and Miquelon	2,191	0
	Others	0	0
	Total	3,451	0
Prince Edward Island	United States	750,915	1,250,297
	Trinidad and Tobago	114,236	121,029
	Bahamas	51,954	20,150
	France	0	62
	Japan	8	0
	Others	1,216	0
Nova Scotia	Total	918,329	1,391,538
	United States	17,954,146	14,632,579
	France	17,213	37,732
	Saint Pierre and Miquelon	1,972	1,828
	Others	2,866	0
New Brunswick	Total	17,976,197	14,672,139
	United States	2,233,195	670,179
	Saint Pierre and Miquelon	7,779	5,538
	France	19	1,923
	Bahrain	0	388
	Guyana	99	193
	Others	1,801	23
Quebec	Total	2,242,893	678,244
	United States	113,043,623	168,437,896
	Algeria	0	372,326
	Senegal	0	164,620
	Chile	28,450	154,054
	Trinidad and Tobago	70,794	102,831
	Others	1,781,287	334,882
Ontario	Total	114,924,154	169,566,609
	United States	600,551,825	822,734,953
	Japan	569,138	475,337
	Chile	0	345,717
	Bermuda	339,336	192,598
	Costa Rica	18,939	177,599
	Others	1,226,890	1,123,096
	Total	602,706,128	825,049,300

Source: Statistics Canada. (CATSNET, June 2014)

...cont'd



5.2.5. Top Vegetable Export Destinations by Province (cont'd)

Province	Exports to top 5 countries	2009	2013
	CAD\$		
Manitoba	United States	3,760,831	2,179,146
	Lesotho	0	2,717
	Jordan	0	1,700
	Others	155,599	0
	Total	3,916,430	2,183,563
Saskatchewan	United States	1,082,027	13,314,520
	Japan	91,582	1,850,583
	China	0	1,115,639
	Thailand	0	1,024,388
	Egypt	20,370	571,193
	Others	404,012	2,132,407
Alberta	Total	1,597,991	20,008,730
	United States	12,697,982	10,822,961
	Chile	0	116,114
	Greece	77,252	72,405
	Malaysia	0	31,485
	Philippines	0	19,051
British Columbia	Others	452,315	1,707
	Total	13,227,549	11,063,723
	United States	196,115,961	214,107,572
	Bangladesh	0	20,350,000
	Japan	8,493,484	9,781,221
	China	40,000	4,273,709
	France	483,309	1,892,943
	Others	1,337,145	2,657,020
	Total	206,469,899	253,062,465

Source: Statistics Canada. (CATSNET, June 2014)



5.3. IMPORTS

5.3.1. Canada's Fresh Vegetable Imports by Commodity – Value

Commodity	2009	2010	2011	2012	2013
	CAD\$ (000)				
Lettuce	325,420	299,344	317,116	308,095	344,496
Tomatoes ¹	288,108	310,461	321,979	270,749	310,890
Cabbage	252,318	231,821	233,925	218,476	302,785
Peppers ¹	211,398	222,128	218,894	205,894	231,620
Onions and shallots ²	135,533	170,653	133,118	140,417	172,561
Carrots	129,260	114,220	123,218	113,049	121,339
Spinach ³	69,994	72,080	81,244	91,371	108,802
Cauliflower and broccoli	77,065	79,930	89,229	80,368	104,866
Asparagus	69,395	76,054	80,423	84,371	86,582
Celery	62,510	56,838	59,948	55,583	75,181
Peas ³	45,090	52,490	55,632	63,425	69,065
Beans ³	63,180	57,613	60,609	60,224	68,463
Cucumber and gherkins ^{1, 4}	51,711	55,450	59,061	53,402	61,631
Pumpkin	0	0	0	42,609	49,309
Sweet potatoes ^{2, 3}	34,073	40,137	41,154	38,465	42,078
Mushrooms ^{2, 4}	36,804	37,567	42,942	34,207	40,379
Garlic ²	26,402	39,549	39,134	35,982	38,624
Eggplant	20,898	20,651	23,168	24,165	29,225
Yams	0	0	0	15,868	19,493
Brussels sprouts	8,369	8,314	12,587	10,754	15,973
Corn ³	9,631	9,308	11,413	12,970	13,198
Leeks	8,339	8,698	9,553	9,656	10,783
Other vegetables ^{2, 3, 4}	313,956	304,344	345,142	308,663	332,089
Total	2,239,453	2,267,649	2,359,487	2,278,760	2,649,430

Source: Statistics Canada. (CATSNET, June 2014)

Notes:

1. Includes greenhouse vegetables.
2. Includes dried.
3. Includes frozen.
4. Includes provisionally preserved.



5.3.2. Canada's Fresh Vegetable Imports by Commodity – Volume

Commodity	2009	2010	2011	2012	2013
	Metric Tonnes				
Cabbage	246,230	255,979	254,707	243,200	265,402
Tomatoes ¹	191,792	193,511	193,869	193,622	199,925
Lettuce	180,408	187,375	196,743	200,949	195,818
Onions and shallots ²	168,764	168,195	184,025	181,153	191,446
Peppers ¹	112,462	111,476	118,823	119,373	126,947
Carrots	109,567	106,872	115,937	115,206	120,757
Celery	90,310	92,963	94,899	94,476	94,221
Cauliflower and broccoli	72,116	81,601	89,398	92,617	85,040
Sweet potatoes ^{2, 3}	35,778	52,863	60,109	53,795	50,635
Cucumber and gherkins ^{1, 4}	47,456	49,628	51,668	49,142	50,298
Pumpkin	0	0	0	42,217	46,797
Spinach ³	28,402	31,549	35,662	37,975	41,784
Beans ³	33,565	30,056	30,940	32,357	31,504
Eggplant	19,961	20,166	18,809	22,154	24,360
Peas ³	13,838	18,649	21,226	21,103	21,192
Asparagus	19,584	21,510	23,309	22,515	20,216
Garlic ²	17,728	15,417	17,976	18,535	18,263
Yams	0	0	0	13,664	15,762
Mushrooms ^{2, 4}	10,580	10,459	11,793	9,307	10,524
Brussels sprouts	4,715	4,165	4,742	6,039	6,907
Leeks	5,236	5,849	6,260	6,342	6,399
Corn ³	3,237	4,194	7,392	5,837	4,607
Other vegetables ^{2, 3, 4}	237,635	256,538	270,419	224,170	225,020
Total	1,649,366	1,719,015	1,808,706	1,805,753	1,853,824

Source: Statistics Canada. (CATSNET, June 2014)

Notes:

1. Includes greenhouse vegetables.
2. Includes dried.
3. Includes frozen.
4. Includes provisionally preserved.



5.3.3. Top 5 Vegetable Import Sources by Commodity – Value

Country	Commodity	2009	2010	2011	2012	2013
		CAD\$ (000)				
United States	Lettuce	322,798	296,833	314,393	305,840	341,355
	Cabbage	227,150	207,984	202,055	194,344	268,144
	Tomatoes	138,963	104,587	114,300	95,633	107,822
	Carrots	122,551	107,177	110,896	102,816	107,338
	Others	702,508	715,863	739,727	743,171	866,466
	Total	1,513,969	1,432,445	1,481,371	1,441,803	1,691,125
Mexico	Tomatoes	140,299	199,275	200,787	171,448	199,000
	Peppers	88,594	125,481	119,050	124,294	140,759
	Cucumber and gherkins	38,381	38,484	40,624	40,449	45,519
	Onions and shallots	30,452	32,563	34,291	33,716	42,816
	Others	145,578	161,473	191,661	187,749	222,753
	Total	443,304	557,277	586,414	557,657	650,846
China	Garlic	17,577	28,438	25,902	24,485	22,623
	Peas	9,399	13,010	9,073	10,666	11,708
	Mushrooms	6,163	6,189	7,680	6,343	7,100
	Carrots	2,253	1,651	4,137	3,208	3,316
	Others	46,979	46,493	52,992	55,791	60,969
	Total	82,372	95,780	99,785	100,494	105,716
Peru	Asparagus	32,792	33,982	34,339	32,991	36,472
	Onions and shallots	2,463	3,324	3,059	3,468	6,006
	Peas	1,072	1,295	1,502	1,702	1,920
	Sweet potatoes	3	0	78	138	253
	Others	712	1,291	1,723	2,074	1,635
	Total	37,042	39,892	40,700	40,371	46,286
Spain	Peppers	11,216	14,394	12,206	7,455	7,813
	Cucumber and gherkins	77	37	1,998	1,780	5,090
	Olives	6,752	4,674	4,123	3,294	3,455
	Garlic	0	3	187	58	1,692
	Others	3,042	2,695	2,628	1,649	2,495
	Total	21,087	21,802	21,143	14,236	20,546

Source: Statistics Canada. (CATSNET, June 2014)



5.3.4. Top 10 Vegetable Import Sources

Country	2009	2010	2011	2012	2013
	CAD\$ (000)				
United States	1,513,969	1,432,445	1,481,371	1,441,803	1,691,125
Mexico	443,304	557,277	586,414	557,657	650,846
China	82,372	95,780	99,785	100,494	105,716
Peru	37,042	39,892	40,700	40,371	46,286
Spain	21,087	21,802	21,143	14,236	20,546
Guatemala	12,536	12,902	17,286	16,986	18,477
Dominican Republic	5,539	7,104	9,014	9,527	12,124
Honduras	6,883	4,767	6,602	6,797	10,413
India	9,365	7,729	7,870	8,380	8,618
Costa Rica	5,338	5,062	5,563	6,361	8,218
Others	102,020	82,889	83,739	76,149	77,060
Total	2,239,453	2,267,649	2,359,487	2,278,760	2,649,430

Source: Statistics Canada. (CATSNET, June 2014)



5.3.5. Top Vegetable Import Sources by Province

Province	Imports from top 5 countries	2009	2013
		CAD\$	
Prince Edward Island	United States	494	0
	Total	494	0
Nova Scotia	Jamaica	757,234	1,136,239
	Chile	65,494	549,961
	Poland	32,426	246,829
	Israel	70,689	118,892
	Cuba	10,718	67,620
	Others	408,932	28,073
	Total	1,345,493	2,147,614
New Brunswick	United States	18,370,815	15,982,226
	Mexico	798,116	1,287,298
	Peru	155,115	307,022
	Canada	140,754	175,736
	Guatemala	60,633	32,212
	Others	63,878	99,046
	Total	19,589,311	17,883,540
Quebec	United States	96,738,700	94,874,804
	China	17,584,611	18,154,827
	Spain	10,835,708	11,451,961
	Peru	6,701,239	7,586,541
	Belgium	5,548,055	4,978,819
	Others	40,421,643	33,714,824
	Total	177,829,956	170,761,776
Ontario	United States	834,794,439	887,564,186
	Mexico	285,808,424	428,693,864
	China	32,174,793	47,502,933
	Peru	20,324,607	27,841,857
	Guatemala	8,330,381	13,955,928
	Others	75,277,319	71,973,570
	Total	1,256,709,963	1,477,532,338

Source: Statistics Canada. (CATSNET, June 2014)

...cont'd



5.3.5. Top Vegetable Import Sources by Province (cont'd)

Province	Imports from top 5 countries	2009	2013
		CAD\$	
Manitoba	United States	37,040,571	45,079,144
	Mexico	5,403,316	10,011,672
	Peru	2,872,215	1,913,753
	China	59,250	153,676
	Guatemala	166,232	98,010
	Others	295,151	275,014
	Total	45,836,735	57,531,269
Saskatchewan	United States	20,021,750	26,254,287
	Mexico	2,733,129	10,010,562
	Peru	173,397	1,140,727
	Guatemala	48,142	68,927
	China	22,199	16,407
	Others	11,363	138,158
	Total	23,009,980	37,629,068
Alberta	United States	194,704,410	213,207,056
	Mexico	61,647,486	79,881,146
	Peru	2,682,929	3,618,872
	Guatemala	994,288	1,360,557
	Spain	1,162,154	552,251
	Others	2,989,041	3,157,981
	Total	264,180,308	301,777,863
British Columbia	United States	312,294,014	408,163,067
	Mexico	83,498,590	117,680,635
	China	31,984,063	39,281,998
	Peru	4,132,504	3,877,440
	South Korea	1,951,982	2,562,535
	Others	17,090,085	12,601,235
	Total	450,951,238	584,166,910

Source: Statistics Canada. (CATSNET, June 2014)



6. Availability for Consumption

6.1. Fresh Vegetables Available for Consumption in Canada

Commodity	2009	2010	2011	2012	2013
	(kg per person) ¹				
Tomatoes, fresh	7.79	7.60	8.79	8.65	9.01
Lettuce, fresh	9.42	9.63	9.79	9.40	8.91
Onions and shallots, fresh	8.81	7.67	9.01	9.17	8.15
Carrots, fresh	7.21	8.02	8.50	8.82	7.22
Cucumbers, fresh	5.22	5.89	6.21	5.69	6.10
Cabbage, fresh	5.18	5.01	5.38	5.69	5.82
Peppers, fresh	3.78	3.40	3.72	4.00	4.20
Corn, fresh	3.26	3.47	3.70	3.56	3.48
Pumpkins and squash, fresh	3.10	3.04	3.41	3.50	3.20
Celery, fresh	3.20	3.15	3.00	2.98	3.05
Cauliflower, fresh	2.58	2.79	2.80	2.80	2.64
Broccoli, fresh	2.90	2.67	2.39	2.53	2.64
Mushrooms, fresh	1.72	1.44	1.50	1.56	1.43
Rutabagas and turnips, fresh	1.09	1.30	1.40	1.00	1.14
Chinese cabbage, fresh	0.86	0.84	0.91	0.93	1.01
Beans green and wax, fresh	0.98	0.93	0.96	0.94	0.91
Spinach, fresh	0.66	0.74	0.75	0.82	0.89
Radishes, fresh	0.65	0.66	0.63	0.64	0.69
Asparagus, fresh	0.70	0.71	0.75	0.71	0.67
Beets, fresh	0.50	0.51	0.61	0.69	0.65
Eggplants, fresh	0.53	0.51	0.48	0.56	0.61
Kohlrabi, fresh	0.25	0.35	0.37	0.40	0.56
Leeks, fresh	0.27	0.29	0.29	0.36	0.37
Parsley, fresh	0.25	0.25	0.25	0.28	0.32
Peas, fresh	0.32	0.29	0.29	0.16	0.27
Brussels sprouts, fresh	0.14	0.15	0.20	0.20	0.22
Rappini, fresh	0.16	0.17	0.16	0.16	0.22
Parsnips, fresh	0.13	0.13	0.17	0.21	0.15

Source: Statistics Canada. (CANSIM Table 002-0011)

Notes:

1. Does not adjust for losses (such as waste and/or spoilage in stores, households, private institutions, restaurants) or losses during preparation.

...cont'd



6.1. Fresh Vegetables Available for Consumption in Canada (cont'd)

Commodity	2009	2010	2011	2012	2013
	(kg per person) ¹				
Other edible roots, fresh	0,43	0,46	0,50	0,16	0,14
Okra, fresh	0,10	0,11	0,11	0,13	0,13
Manioc (cassava), fresh	0,09	0,09	0,09	0,11	0,11
Garlic, fresh	0,44	0,39	0,46	0,46	0,50
Olives, fresh	..	0,01	0,01	0,01	0,01
Other leguminous vegetables, fresh		F	F	F	0,01

Source: Statistics Canada. (CANSIM Table 002-0011)

Notes:

1. Does not adjust for losses (such as waste and/or spoilage in stores, households, private institutions, restaurants) or losses during preparation.

F: Too unreliable to be published.

..Data not available.



7. World Production

7.1. World Vegetable Production by Commodity

Commodity	2008	2009	2010	2011	2012
	Metric Tonnes				
Tomatoes	141,080,419	154,332,817	152,007,674	158,019,581	161,793,834
Watermelons	94,656,782	98,737,055	101,342,555	103,310,253	105,372,341
Cabbage	64,865,039	65,145,711	65,300,717	69,513,476	70,104,972
Cucumbers and gherkins	58,522,273	60,882,411	62,571,825	64,327,678	65,134,078
Eggplant	39,808,557	43,166,252	44,278,381	46,837,769	48,424,295
Carrots and turnips	32,991,424	33,397,365	33,664,631	35,830,269	36,917,246
Other melons	30,281,088	26,429,872	31,495,365	31,464,188	31,925,787
Peppers, green	27,954,512	28,720,913	29,232,234	30,063,389	31,171,567
Lettuce and chicory	23,738,548	23,878,698	24,352,168	24,969,359	24,946,142
Garlic	22,790,483	22,033,859	22,541,421	23,710,768	24,836,877
Pumpkins, squash and gourds	21,852,827	22,440,270	23,059,686	24,274,016	24,616,115
Spinach	18,831,100	19,698,391	20,235,899	20,980,905	21,662,608
Cauliflowers and broccoli	18,788,865	19,758,400	20,127,967	20,894,699	21,266,789
Beans, green	18,955,578	19,092,152	19,772,926	20,240,943	20,742,857
Peas	15,024,694	16,154,359	16,346,356	17,361,839	18,490,920
Okra	6,437,008	6,809,175	7,066,641	8,058,753	8,359,944
Asparagus	7,205,469	7,359,306	7,483,585	8,205,831	8,301,482
Mushrooms and truffles	6,823,220	7,207,163	7,152,019	7,780,460	7,959,979
Onions and shallots	4,181,251	4,180,948	4,170,890	4,329,035	4,342,135
Leeks, other alliaceous veg	2,095,503	2,111,256	2,102,823	2,116,906	2,165,667
Artichokes	1,483,212	1,498,209	1,446,879	1,541,478	1,634,219

Source: FAOSTAT (June 2014)



8. Trade

8.1. Top 10 Importers of Fresh Vegetables¹ Worldwide

Country	2009	2010	2011	2012	2013
	CAD\$ (000)				
United States	4,654,181	5,242,292	5,506,684	5,597,451	6,630,364
Germany	4,919,239	4,967,120	4,593,124	4,619,032	5,116,250
United Kingdom	3,053,434	3,005,234	2,965,637	2,958,263	3,353,368
France	2,339,761	2,317,387	2,106,994	2,161,248	2,445,608
Russia	1,555,284	1,810,579	2,104,162	2,037,196	2,393,958
Canada	1,992,768	2,034,241	2,099,839	2,009,683	2,367,992
Netherlands	1,553,613	1,598,139	1,577,938	1,591,461	1,659,702
Belgium	914,452	848,078	850,735	884,500	1,072,343
Japan	709,739	898,976	957,813	1,101,568	999,199
Italy	930,013	841,543	825,412	759,109	813,865
Others	7,863,832	8,666,644	8,516,049	8,446,891	9,853,329
Total	30,486,316	32,230,235	32,104,388	32,166,404	36,705,979

Source: Global Trade Atlas. (June 2014)

Note:

1. Does not include potatoes.

8.2. Top 10 Exporters of Vegetables¹ Worldwide

Country	2009	2010	2011	2012	2013
	CAD\$ (000)				
Netherlands	5,566,745	5,741,021	5,247,119	5,298,272	5,585,634
Spain	5,644,516	4,935,708	4,796,465	5,069,184	5,554,067
Mexico	3,907,030	3,952,521	4,378,361	4,334,856	5,000,841
China	2,204,729	3,653,680	3,604,827	2,902,135	3,201,991
United States	2,420,120	2,510,705	2,498,489	2,472,138	2,842,414
Italy	1,325,158	1,515,440	1,368,355	1,328,154	1,512,898
France	1,350,684	1,310,413	1,254,657	1,233,052	1,434,053
Canada	900,623	1,031,245	1,012,387	983,054	1,285,904
Belgium	963,224	938,973	792,949	855,357	966,400
India	688,244	622,877	541,702	515,873	844,253
Others	5,530,842	5,661,621	5,733,117	5,743,378	6,806,177
Total	30,501,914	31,874,204	31,228,430	30,735,454	35,034,633

Source: Global Trade Atlas. (June 2014)

Note:

1. Does not include potatoes.



8.3. Top 10 Selected Vegetable¹ Imports Worldwide

Commodity	2008	2009	2010	2011	2012
	CAD\$ (000)				
Tomatoes	7,474,585	7,700,893	7,947,094	7,840,499	7,815,554
Lettuce and head lettuce	2,036,194	2,107,881	2,115,614	1,971,527	2,165,495
Cucumber and gherkins	1,964,324	2,044,434	2,070,575	1,899,689	2,119,371
Onions and shallots	2,050,838	1,917,764	2,461,841	2,434,883	1,964,046
Garlic	965,364	1,136,104	1,800,247	1,753,258	1,449,689
Cabbage	1,128,499	1,103,198	1,195,100	1,296,271	1,271,264
Asparagus	996,742	1,026,645	1,069,182	1,091,450	1,155,173
Carrots and turnips	1,009,231	1,071,366	938,170	1,031,906	1,037,698
Mushrooms	1,043,852	994,514	980,803	985,924	951,551
Cauliflower and headed broccoli	734,978	790,945	816,322	818,676	868,549

Source: Global Trade Atlas. (June 2014)

Note:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.

8.4. Top 10 Vegetable¹ Exports Worldwide

Commodity	2008	2009	2010	2011	2012
	CAD\$ (000)				
Tomatoes	7,204,586	7,205,968	7,544,851	7,557,824	7,450,634
Onions and shallots	2,296,631	2,414,731	2,827,448	2,580,457	2,291,793
Garlic	1,126,800	1,722,215	3,100,229	2,756,864	1,954,028
Cucumbers and gherkins	2,018,375	1,915,054	1,767,401	1,676,412	1,946,461
Mushrooms	1,104,804	1,053,112	1,015,691	998,401	1,023,424
Lettuce ²	1,901,550	1,978,407	2,028,219	1,805,408	2,034,052
Cauliflower and headed broccoli	979,659	1,103,055	1,093,370	1,090,996	1,073,105
Asparagus	791,192	892,244	929,219	950,473	1,041,704
Carrots and turnips	986,682	1,050,846	902,883	1,011,218	1,025,618
Cabbage	903,533	844,158	920,494	1,007,546	933,974

Source: Global Trade Atlas. (June 2014)

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.

2. Lettuce combines both lettuce and head lettuce.



9. Key Resources

Euromonitor International

FAOSTAT

Global Trade Atlas

Mintel

Statistics Canada. CANSIM Table 001-0006

Statistics Canada. CANSIM Table 001-0012

Statistics Canada. CANSIM Table 001-0013

Statistics Canada. CANSIM Table 001-0047

Statistics Canada. CANSIM Table 002-0001

Statistics Canada. CANSIM Table 002-0011

Statistics Canada. CANSIM Table 004-0003

Statistics Canada. CATSNET