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## Statistical Overview of the Canadian Vegetable Industry

**2015**

Prepared by:  
Market Analysis and Information Section  
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Agriculture and Agri-Food Canada  
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## Overview

This report focuses on field vegetables, greenhouse vegetables and mushrooms. It excludes information regarding potatoes, as a separate report for potatoes is published (AAFC No. 12508E). This 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<sup>1</sup> value (FGV), trade, and innovation in the vegetable sector.

Ontario remained the largest producer of field vegetables in 2015, accounting for 55% of Canada's total production, followed by Québec with 33% and British Columbia with 3%. Overall, Canada's field vegetable production grew by 3% from 2014 to 2015.

Although Canada's total field vegetable production only grew by 3% from 2014, FGV increased by nearly 9% in the same period, growing by approximately \$84 million from 2014 to a total of \$1.04 billion in 2015. Ontario had the largest FGV of the provinces with 41%, followed by Quebec with 39% and British Columbia with 6%. With the exception of Alberta and New Brunswick, all provinces experienced increases in FGV in 2015. Carrots (including baby carrots) were the largest contributor of field vegetables generating \$107 million of FGV, followed by lettuce (including leaf lettuce and head lettuce) with \$95 million, tomatoes with \$84 million and dry onions with \$80 million.

Mushroom sales reached \$376 million in 2015, up 4% from 2014, continuing the overall upward trend of the past 5 years. Ontario continued to lead the mushroom sector in 2015, representing 53% of the total production in Canada, followed by British Columbia with 38%.

FGV for the greenhouse vegetable sector totaled almost \$1.3 billion in 2015, an increase of 3% from 2014. Tomatoes were the largest contributor to FGV for the greenhouse sector, accounting for 40% (\$517 million). Peppers and cucumbers hold the second and third largest FGV, accounting for 33% (\$426 million) and 24% (\$308 million), respectively.

Total Canadian vegetable exports, comprising field vegetables, greenhouse vegetables and mushrooms, amounted to \$1.6 billion in 2015, an increase of 20% from 2014. The United States remained Canada's largest purchaser, importing 97% of Canada's total vegetable exports.

Consistent with the overall trend observed in previous years, the value of the top Canadian exported commodities (field and greenhouse peppers, tomatoes, cucumbers, and mushrooms) again increased in 2015. The volume of the top four exports also reached five-year highs in 2015, with the exception of tomatoes, which fell from 146,792 metric tonnes to 135,553 metric tonnes, a decrease of 8%. Greenhouse sector commodities contributed a great deal to the Canadian value exports in 2015, as 52% of total vegetable exports (95% of tomato, 91% of cucumber and gherkins and 91% of peppers) were from the greenhouse sector.

In 2015, Canada imported approximately \$3.5 billion in vegetables, with approximately \$2.2 billion (63%) coming from the United States. Mexico was the second largest source of Canadian imports in 2015, with approximately \$851 million.

The value of all of Canada's top imported commodities, including lettuce, tomatoes, peppers, and cauliflower and broccoli, experienced increases in 2015. The value of imported cauliflower and broccoli experienced the largest change in 2015, increasing from \$210 million to \$273 million from 2014 (an increase of 30%). The second largest percentage increase in value was observed with lettuce, which grew from \$359 million to \$458 million from 2014 to 2015 (an increase of 27%).

The vegetable industry is continually introducing innovative varieties and products. Between 2011 and 2015, approximately 277 new varieties were launched in Canada.

---

<sup>1</sup> The "farm gate value" is the pricing point of production, excluding charges for transport or delivery.



# 1. Production

## 1.1. Number of field vegetable farms<sup>1</sup> by province

	2006	2011	Change
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%
<b>Canada</b>	<b>9,499</b>	<b>9,057</b>	<b>-5%</b>

Note:

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

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

## 1.2. Number of greenhouse vegetable<sup>1</sup> farms by province

	2011	2012	2013	2014	2015
Atlantic provinces	45	50	50	45	40
Quebec	245	240	235	195	190
Ontario	235	235	230	230	228
Prairie provinces	80	85	85	80	75
British Columbia	130	135	135	130	125
<b>Canada</b>	<b>735</b>	<b>745</b>	<b>735</b>	<b>680</b>	<b>658</b>

Note:

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

Source: Statistics Canada (CANSIM Table 001-0047)



### 1.3. Planted area of field vegetables by province (hectares)

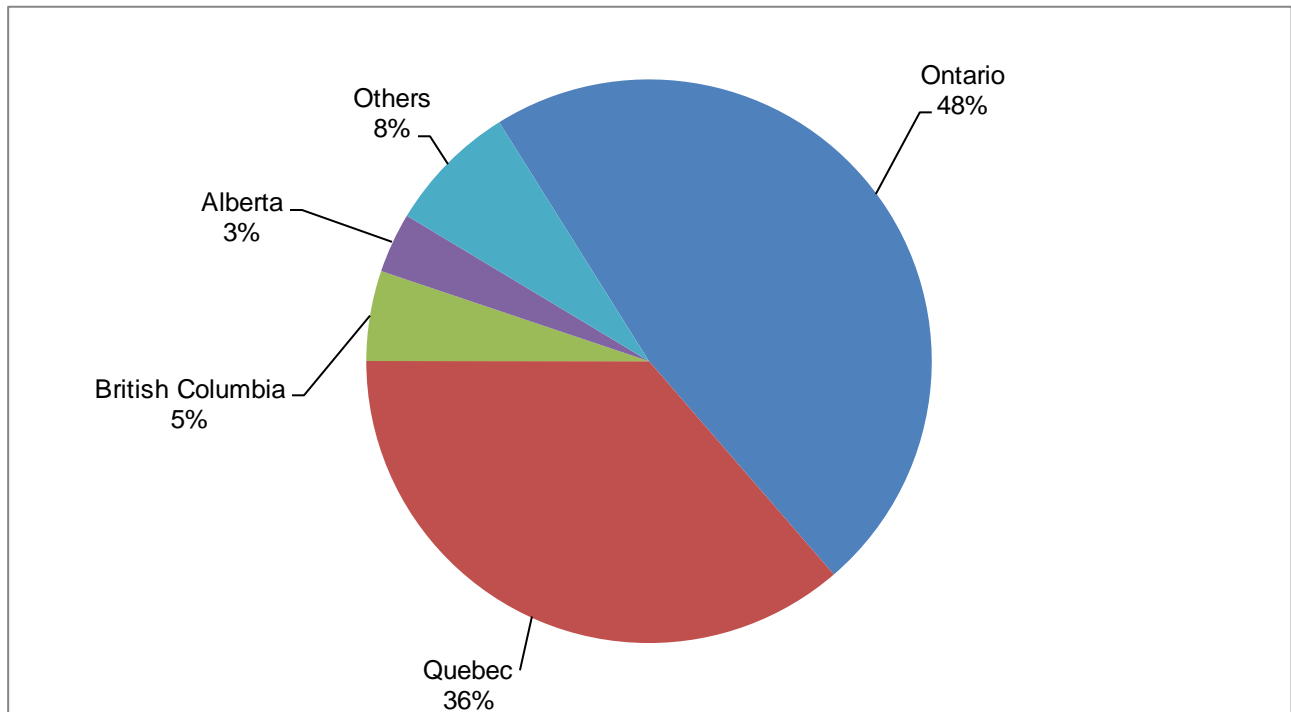
	2011	2012	2013	2014	2015
Newfoundland and Labrador	246	221	250	238	197
Prince Edward Island	883	906	834	697	592
Nova Scotia	2,085	2,315	965	1,371	1,380
New Brunswick	650	610	579	525	529
Quebec	36,002	35,455	34,459	35,307	35,682
Ontario	47,705	49,434	47,182	47,614	46,674
Manitoba	1,694	776	1,146	486	975
Saskatchewan	161	89	205	155	143
Alberta	3,344	3,432	4,274	4,445	3,388
British Columbia	5,427	5,431	4,996	5,393	5,075
<b>Canada<sup>1</sup></b>	<b>100,249</b>	<b>101,488</b>	<b>98,457</b>	<b>98,760</b>	<b>98,158</b>

Note:

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

Source: Statistics Canada (CANSIM Table 001-0013)

### 1.4. Planted area of field vegetables by province - percent share, 2015



Source: Statistics Canada (CANSIM Table 001-0013)



## 1.5. Planted area of field vegetables by commodity (hectares)

	2011	2012	2013	2014	2015
Corn, sweet	22,880	21,919	20,778	20,021	19,112
Peas, green	11,591	13,705	13,327	13,263	12,906
Beans, green or wax	8,398	9,222	8,591	8,154	8,165
Carrots <sup>1</sup>	8,772	8,610	8,184	7,622	7,662
Tomatoes	6,831	6,834	6,524	5,087	5,499
Dry onions	5,345	5,436	4,718	4,821	5,199
Cabbage <sup>2</sup>	5,603	5,798	5,774	5,694	5,089
Lettuce <sup>3</sup>	4,035	3,583	3,840	4,422	4,734
Broccoli	4,149	4,062	4,220	4,004	4,151
Squash and zucchinis	2,598	2,595	2,564	2,569	2,922
Pumpkins	2,984	2,844	2,754	2,885	2,785
Cucumbers and gherkins	2,228	1,905	1,942	2,330	2,069
Peppers	1,950	1,979	1,902	1,936	1,955
Asparagus	1,742	1,737	1,965	1,922	1,787
Cauliflower	1,811	1,766	1,617	1,527	1,580
Beets	1,384	1,347	1,482	1,505	1,531
Rutabagas and turnips	1,766	1,863	1,736	1,734	1,454
Celery	750	721	765	898	886
Radishes	976	966	923	927	885
Shallots and green onions	691	689	763	805	752
Watermelon	569	540	802	786	738
Spinach	834	779	822	774	722
Other melons	473	579	679	715	712
Brussels sprouts	566	609	467	488	433
Parsnips	351	383	384	365	338
Leeks	329	353	287	237	272
Garlic	333	297	317	F	189
Parsley	146	187	197	132	168
Rhubarb	164	180	133	155	156
<b>Total</b>	<b>100,249</b>	<b>101,488</b>	<b>98,457</b>	<b>98,760</b>	<b>98,158</b>

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.

Source: Statistics Canada (CANSIM Table 001-0013)





### 1.6. Harvested area of greenhouse vegetables<sup>1</sup> by province (square meters)

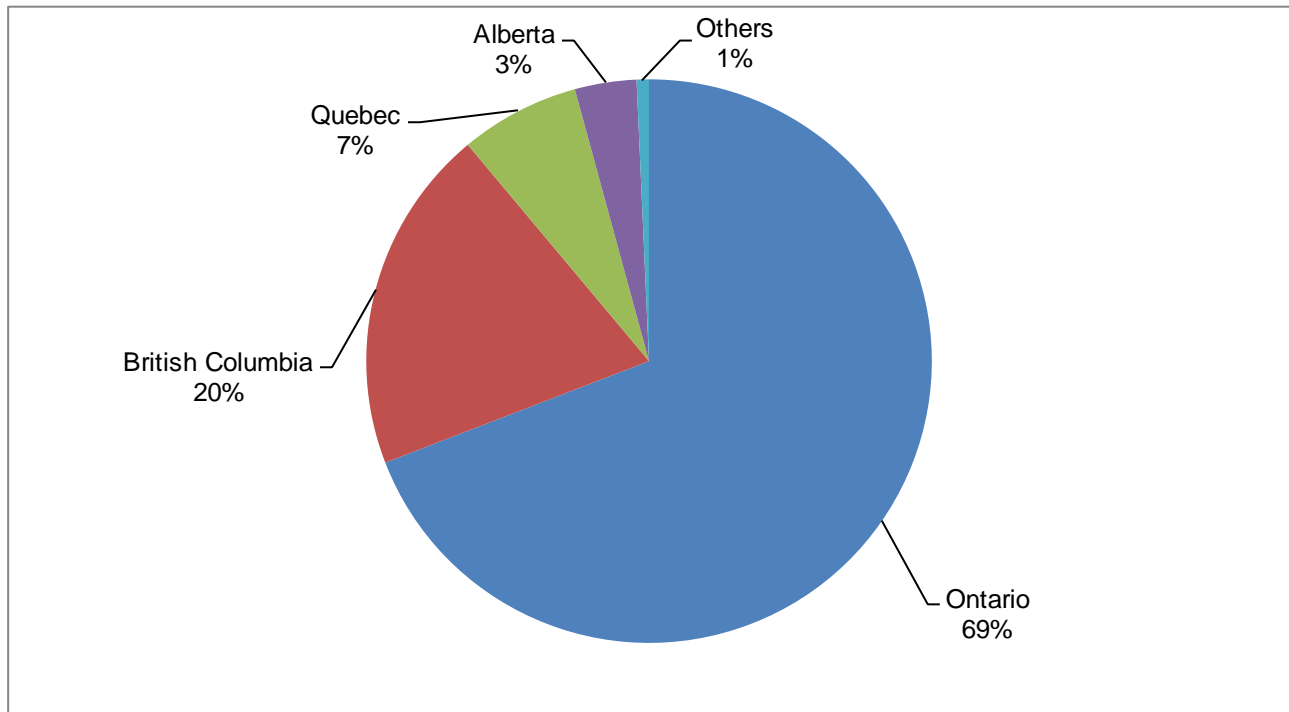
	2011	2012	2013	2014	2015
Newfoundland and Labrador	1,509	2,522	3,018	3,235	2,698
Prince Edward Island	242	-	1,236	1,398	-
Nova Scotia	52,850	51,554	63,959	67,577	77,992
New Brunswick	-	-	-	-	5,043
Quebec	650,696	813,802	974,967	909,517	996,127
Ontario	8,260,638	8,946,414	9,536,949	9,648,343	10,061,138
Manitoba	7,786	6,778	6,595	835	5,245
Saskatchewan	9,289	4,575	15,250	12,978	11,445
Alberta	506,093	520,013	541,095	530,301	512,635
British Columbia	2,805,537	2,890,257	2,953,999	3,014,961	2,881,096
<b>Canada<sup>2</sup></b>	<b>12,616,282</b>	<b>13,342,785</b>	<b>14,159,519</b>	<b>14,234,970</b>	<b>14,601,361</b>

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 the *Statistics Act*.
- : Too unreliable to be published or suppressed to meet the confidentiality requirements of the *Statistics Act*.

Source: Statistics Canada (CANSIM Table 001-0006)

### 1.7. Harvested area of greenhouse vegetables by province - percent share, 2015



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

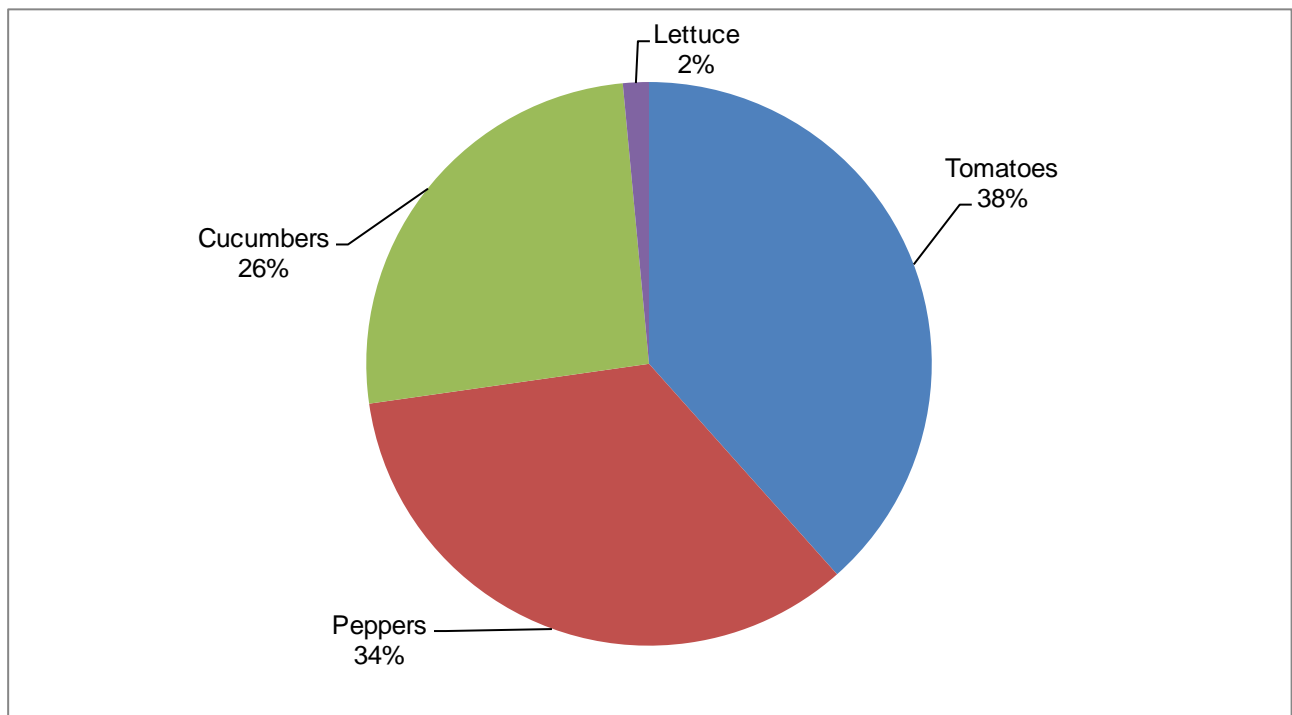


### 1.8. Harvested area of greenhouse vegetables by commodity (square meters)

	2011	2012	2013	2014	2015
Tomatoes	5,321,281	5,313,632	5,626,969	5,540,991	5,530,341
Cucumbers	3,089,805	3,273,983	3,462,182	3,544,037	3,710,078
Lettuce	317,459	208,913	182,954	198,903	213,356
Peppers	3,887,737	4,546,257	4,887,414	4,951,039	4,940,123
<b>Total</b>	<b>12,616,282</b>	<b>13,342,785</b>	<b>14,159,519</b>	<b>14,234,970</b>	<b>14,393,898</b>

Source: Statistics Canada (CANSIM Table 001-0006)

### 1.9. Harvested area of greenhouse vegetables by commodity – percent share, 2015



Source: Statistics Canada (CANSIM Table 001-0006)



### 1.10. Marketed production<sup>1</sup> of field vegetables by province (metric tonnes)

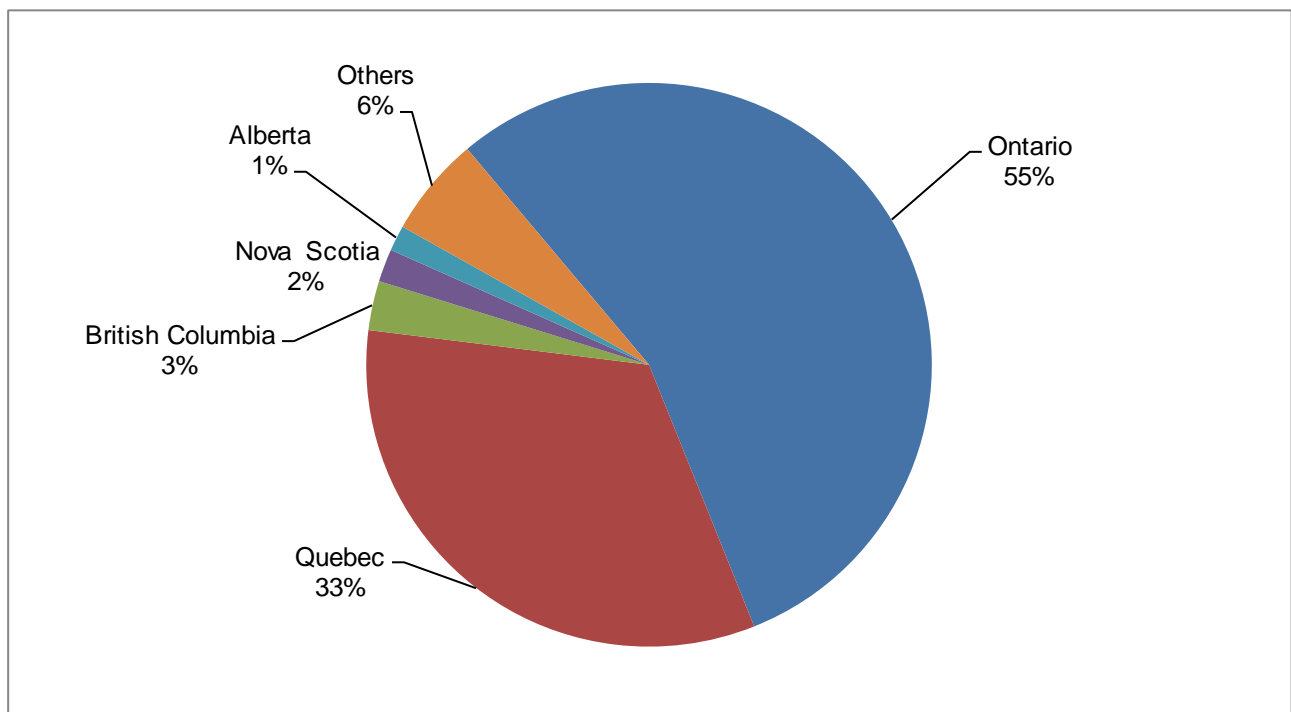
	2011	2012	2013	2014	2015
Newfoundland and Labrador	3,976	4,140	4,653	3,322	2,887
Prince Edward Island	30,004	38,550	30,351	22,287	19,713
Nova Scotia	58,309	54,353	18,908	41,685	38,112
New Brunswick	7,455	7,524	7,428	4,910	4,378
Quebec	541,371	567,977	583,947	628,099	669,266
Ontario	1,231,093	1,265,827	1,056,054	1,088,877	1,115,097
Manitoba	27,041	4,134	12,707	4,560	13,118
Saskatchewan	2,050	754	1,295	364	1,522
Alberta	21,016	26,213	36,447	54,101	29,731
British Columbia	67,683	63,830	58,123	58,328	57,373
<b>Canada<sup>2</sup></b>	<b>2,029,118</b>	<b>2,090,536</b>	<b>1,896,805</b>	<b>1,969,434</b>	<b>2,025,837</b>

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 the *Statistics Act*.

Source: Statistics Canada (CANSIM Table 001-0013)

### 1.11. Marketed production of field vegetables by province – percent share, 2015



Source: Statistics Canada (CANSIM Table 001-0013)



## 1.12. Marketed production<sup>1</sup> of field vegetables by commodity (metric tonnes)

	2011	2012	2013	2014	2015
Tomatoes	471,602	478,151	387,841	366,704	401,858
Carrots <sup>2</sup>	412,164	392,412	338,292	285,070	324,468
Dry onions	189,877	194,047	169,678	220,156	209,060
Corn, sweet	209,013	212,725	202,291	216,887	203,384
Cabbage <sup>3</sup>	159,591	162,274	163,378	157,397	150,360
Lettuce <sup>4</sup>	62,494	64,219	74,821	100,879	109,228
Pumpkins	57,777	62,475	51,634	67,770	63,945
Peas, green	43,022	58,970	49,451	56,664	57,942
Beans, green or wax	43,497	60,207	52,763	56,505	53,393
Cucumbers and gherkins	42,967	49,115	47,441	52,628	52,969
Peppers	46,313	50,544	47,317	50,534	50,000
Squash and zucchinis	31,804	33,510	29,254	34,320	44,253
Rutabagas and turnips	53,671	46,023	46,151	54,337	42,917
Broccoli	33,716	34,786	37,945	39,010	41,433
Beets	31,068	36,354	37,594	30,597	39,127
Celery	28,668	27,936	34,384	38,245	37,080
Cauliflower	28,995	30,574	31,275	28,211	28,711
Watermelon	18,054	22,940	22,946	27,048	27,879
Radishes	11,550	12,262	12,328	16,333	22,379
Shallots and green onions	10,905	10,414	12,615	17,399	19,045
Other melons	11,331	16,436	17,465	19,222	17,726
Asparagus	6,577	6,235	7,479	6,394	6,936
Parsnips	5,729	7,483	6,133	9,066	6,903
Spinach	4,017	5,165	4,112	5,610	5,971
Brussels sprouts	6,141	6,361	3,224	5,120	4,613
Parsley	1,309	2,088	2,297	1,794	2,410
Rhubarb	1,602	1,646	1,440	1,286	1,480
Garlic	572	752	848	532	367
Leeks	5,092	4,432	4,408	3,716	-
<b>Total</b>	<b>2,029,118</b>	<b>2,090,536</b>	<b>1,896,805</b>	<b>1,969,434</b>	<b>2,025,837</b>

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.
- : Too unreliable to be published or suppressed to meet the confidentiality requirements of the *Statistics Act*.

Source: Statistics Canada (CANSIM Table 001-0013)



### 1.13. Farm gate value<sup>1</sup> of field vegetables by province (CAN\$ '000)

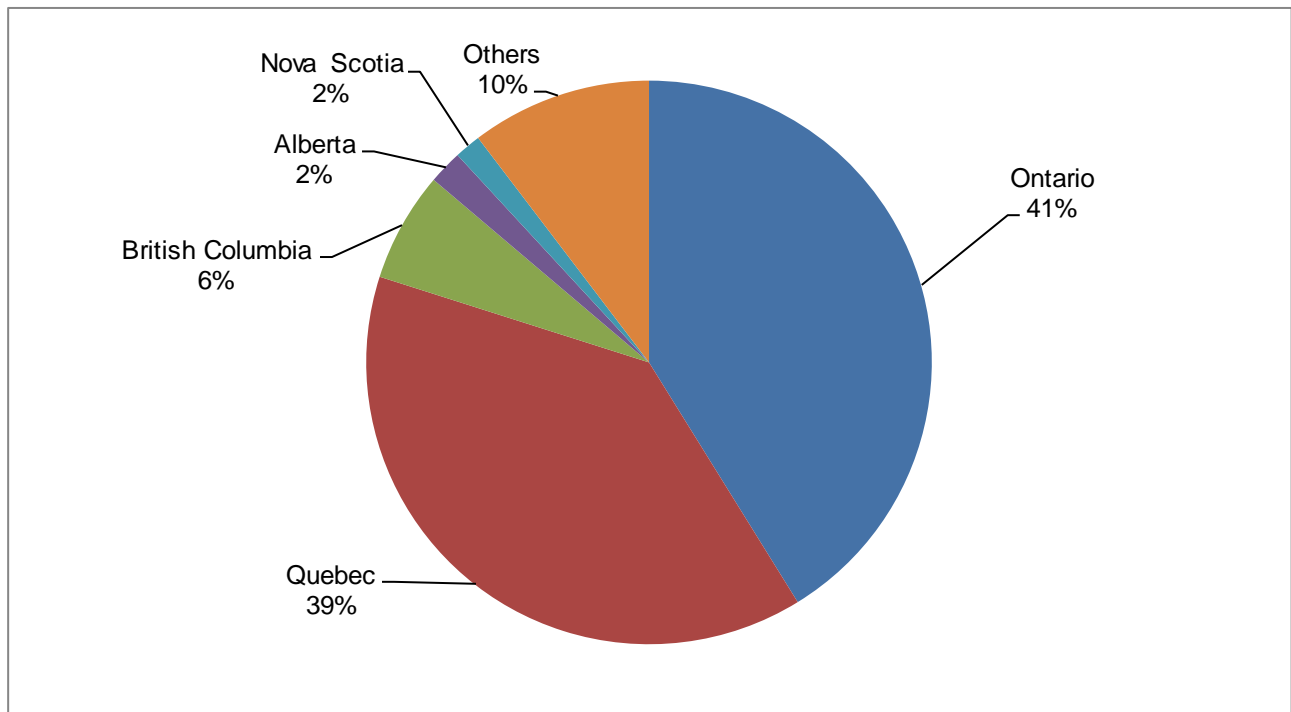
	2011	2012	2013	2014	2015
Newfoundland and Labrador	3,402	3,711	3,849	3,004	3,197
Prince Edward Island	9,059	8,127	7,172	5,509	5,687
Nova Scotia	17,110	17,469	22,110	8,141	15,678
New Brunswick	5,143	5,667	5,531	4,852	4,710
Quebec	260,759	274,522	302,414	350,311	401,875
Ontario	356,228	359,403	360,972	411,100	427,331
Manitoba	17,902	6,355	8,210	2,260	9,621
Saskatchewan	1,731	940	1,693	1,124	2,227
Alberta	9,354	12,522	18,978	35,302	20,086
British Columbia	60,736	57,721	54,332	61,454	65,399
<b>Canada<sup>2</sup></b>	<b>775,137</b>	<b>800,297</b>	<b>839,256</b>	<b>953,682</b>	<b>1,037,592</b>

Notes:

1. The "farm gate" value is the pricing point of production, excluding charges for transport or delivery.
2. Totals may not add up as some data was suppressed to meet confidentiality requirements of *the Statistics Act*.

Source: Statistics Canada (CANISIM Table 001-0013)

### 1.14. Farm gate value of field vegetables by province – percent share, 2015



Source: Statistics Canada (CANSIM Table 001-0013)



### 1.15. Farm gate value of field vegetables by commodity (CAN\$ '000)

	2011	2012	2013	2014	2015
Carrots <sup>1</sup>	95,491	87,567	94,888	94,225	107,151
Lettuce <sup>2</sup>	48,248	51,287	61,600	81,691	95,479
Tomatoes	80,831	79,910	65,089	71,338	83,588
Dry onions	65,242	65,452	62,137	78,515	80,261
Cabbage <sup>3</sup>	60,415	62,524	78,646	78,382	75,786
Corn, sweet	70,493	71,524	73,196	75,608	71,789
Broccoli	33,492	40,241	47,958	52,778	61,713
Peppers	33,782	39,170	37,945	40,091	42,207
Beans, green or wax	30,295	30,410	31,093	32,111	35,680
Squash and zucchinis	26,955	26,685	24,267	22,731	29,706
Cucumbers and gherkins	23,130	23,851	25,742	29,171	29,310
Shallots and green onions	15,907	15,667	21,325	27,011	29,202
Asparagus	22,392	22,887	26,850	24,225	27,799
Cauliflower	22,333	23,846	24,667	25,527	27,427
Peas, green	17,327	24,145	24,013	22,643	24,330
Rutabagas and turnips	22,024	21,495	20,894	21,357	22,095
Celery	12,369	14,587	15,644	19,230	21,310
Pumpkins	16,956	17,586	18,023	22,134	21,299
Beets	13,922	12,189	15,578	15,529	19,369
Radishes	10,739	10,832	11,259	11,329	13,990
Spinach	6,681	8,703	7,405	10,375	11,587
Other melons	6,250	8,494	10,026	10,205	10,579
Leeks	7,953	7,551	7,449	6,179	10,078
Watermelon	7,409	6,901	7,962	8,621	9,539
Parsnips	5,966	7,064	7,153	9,456	7,817
Brussels sprouts	7,331	7,426	5,072	6,555	6,610
Parsley	2,820	3,430	4,055	3,459	4,699
Garlic	6,190	6,593	7,267	5,003	4,150
Rhubarb	2,194	2,280	2,053	1,829	2,167
<b>Total</b>	<b>775,137</b>	<b>800,297</b>	<b>839,256</b>	<b>953,682</b>	<b>1,037,592</b>

Notes:

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

Source: Statistics Canada (CANSIM Table 001-0013)



### 1.16. Greenhouse vegetable<sup>1</sup> production by province (metric tonnes)

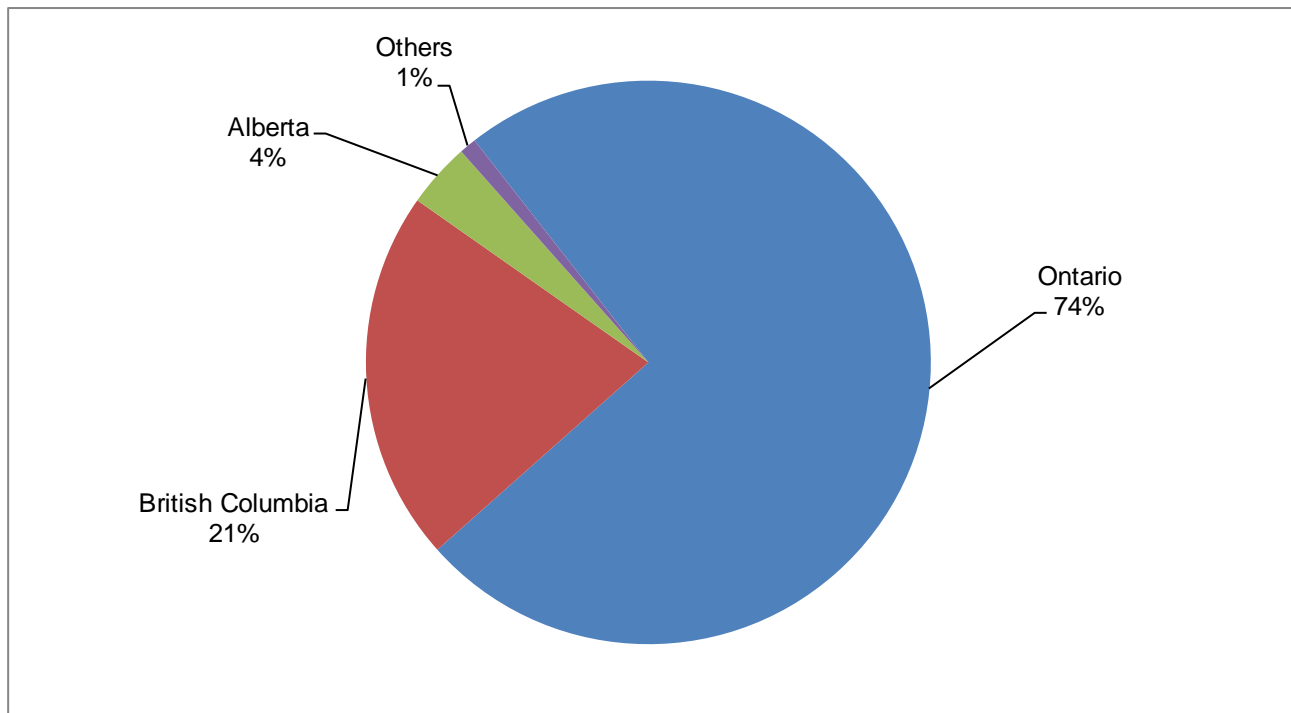
	2011	2012	2013	2014	2015
Newfoundland and Labrador	7	9	16	25	7
Prince Edward Island	0	-	-	66	-
Nova Scotia	347	1,943	2,763	2,668	2,714
New Brunswick	-	-	27	24	24
Quebec <sup>2</sup>	22,468	22,777	21,764	20,495	2,432
Ontario	348,487	385,363	408,398	420,341	415,558
Manitoba	190	162	178	24	152
Saskatchewan	92	86	210	162	154
Alberta	21,025	23,115	20,769	22,357	20,866
British Columbia	112,095	115,073	130,325	124,256	119,789
<b>Canada<sup>3</sup></b>	<b>509,126</b>	<b>551,714</b>	<b>585,617</b>	<b>590,986</b>	<b>581,677</b>

Notes:

1. Does not include lettuce.
  2. Data for greenhouse tomatoes in 2015 are not included because they are too unreliable to be published.
  3. Totals may not add up as some data was suppressed to meet confidentiality requirements of the *Statistics Act*.
- : Too unreliable to be published or suppressed to meet the confidentiality requirements of the *Statistics Act*.

Source: Statistics Canada (CANSIM Table 001-0006)

### 1.17. Greenhouse vegetable production by province – percent share, 2015



Source: Statistics Canada (CANSIM Table 001-0006)



### 1.18. Greenhouse vegetable production by commodity (metric tonnes)

	2011	2012	2013	2014	2015
Tomatoes	266,481	272,992	282,809	280,332	266,845
Cucumbers	152,453	166,731	174,534	180,360	180,194
Peppers	90,192	111,991	128,274	130,294	134,638
Lettuce <sup>1</sup>	15,643	15,304	17,467	18,387	20,699
<b>Total</b>	<b>509,126</b>	<b>551,714</b>	<b>585,617</b>	<b>590,986</b>	<b>581,677</b>

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).

Source: Statistics Canada (CANSIM Table 001-0006)

### 1.19. Farm gate value of greenhouse vegetables by province (CAN\$ '000)

	2011	2012	2013	2014	2015
Newfoundland and Labrador	19	22	83	83	50
Prince Edward Island	6	-	15	211	-
Nova Scotia	1,039	4,699	7,302	7,503	7,118
New Brunswick	-	-	111	90	101
Quebec <sup>1</sup>	71,981	80,913	86,011	86,678	36,420
Ontario	687,296	678,383	767,501	803,226	820,299
Manitoba	724	651	703	87	609
Saskatchewan	847	398	1,194	873	979
Alberta	42,379	50,545	52,275	52,114	50,897
British Columbia	259,239	231,049	299,792	290,743	302,543
<b>Canada<sup>2</sup></b>	<b>1,095,624</b>	<b>1,055,981</b>	<b>1,222,150</b>	<b>1,249,671</b>	<b>1,287,236</b>

Notes:

1. Data for greenhouse tomatoes in 2015 are not included because they are too unreliable to be published.

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

-: Too unreliable to be published or suppressed to meet the confidentiality requirements of the *Statistics Act*.

Source: Statistics Canada (CANSIM Table 001-0006)





## 1.20. Farm gate value of greenhouse vegetables by commodity (CAN\$ '000)

	2011	2012	2013	2014	2015
Tomatoes	484,934	437,649	516,656	507,098	516,928
Cucumbers	284,522	281,791	299,170	312,127	308,199
Lettuce	26,555	23,184	28,994	31,748	35,991
Peppers	299,612	313,357	377,329	398,699	426,118
<b>Total</b>	<b>1,095,624</b>	<b>1,055,981</b>	<b>1,222,150</b>	<b>1,249,671</b>	<b>1,287,236</b>

Source: Statistics Canada (CANSIM Table 001-0006)

## 1.21. Area, production and sales<sup>1</sup> of Canadian mushrooms

		2011	2012	2013	2014	2015
<b>Harvested area (thousands of square feet)</b>	Maritime provinces and Quebec	x	x	x	x	x
	Ontario	19,372	24,135	27,217	27,127	27,297
	Prairie provinces	..	..	..	x	x
	British Columbia	x	x	x	15,306	15,611
	<b>Canada<sup>2</sup></b>	<b>36,350</b>	<b>42,336</b>	<b>45,944</b>	<b>45,673</b>	<b>47,004</b>
<b>Production (metric tonnes)</b>	Maritime provinces and Quebec	x	x	x	x	x
	Ontario	49,744	61,259	60,000	58,771	63,596
	Prairie provinces	..	..	..	x	x
	British Columbia	x	x	x	42,500	43,349
	<b>Canada<sup>2</sup></b>	<b>93,047</b>	<b>107,068</b>	<b>106,446</b>	<b>111,310</b>	<b>117,284</b>
<b>Sales (CAN\$ '000)</b>	Maritime provinces and Quebec	x	x	x	x	x
	Ontario	161,940	200,753	223,479	221,126	254,521
	Prairie provinces	..	..	..	x	x
	British Columbia	x	x	x	114,740	119,297
	<b>Canada<sup>2</sup></b>	<b>272,410</b>	<b>331,190</b>	<b>361,734</b>	<b>376,097</b>	<b>417,382</b>

Notes:

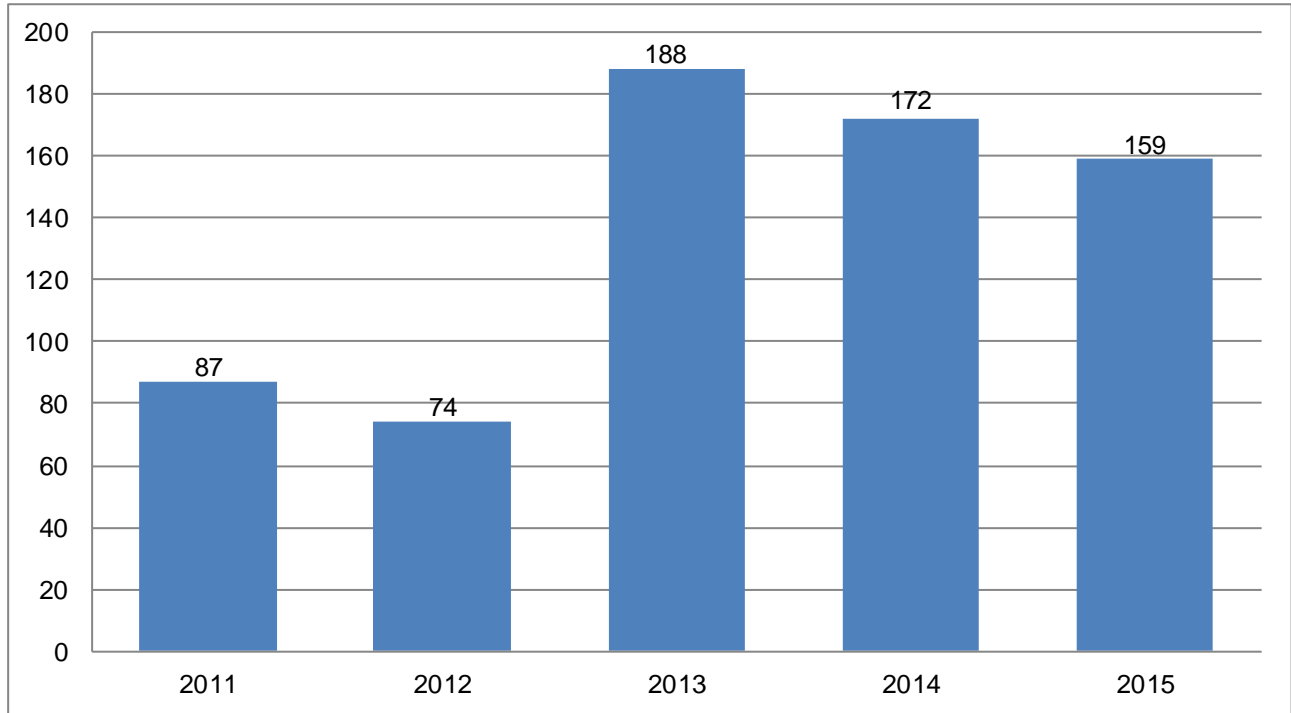
1. Regional distribution shown as presented by Statistics Canada.
2. Totals may not add up as some data was suppressed to meet confidentiality requirements of the *Statistics Act*.  
.. : Not available.  
x : Suppressed to meet the confidentiality requirements of the *Statistics Act*.

Source: Statistics Canada (CANSIM Table 001-0012)



## 2. Innovation

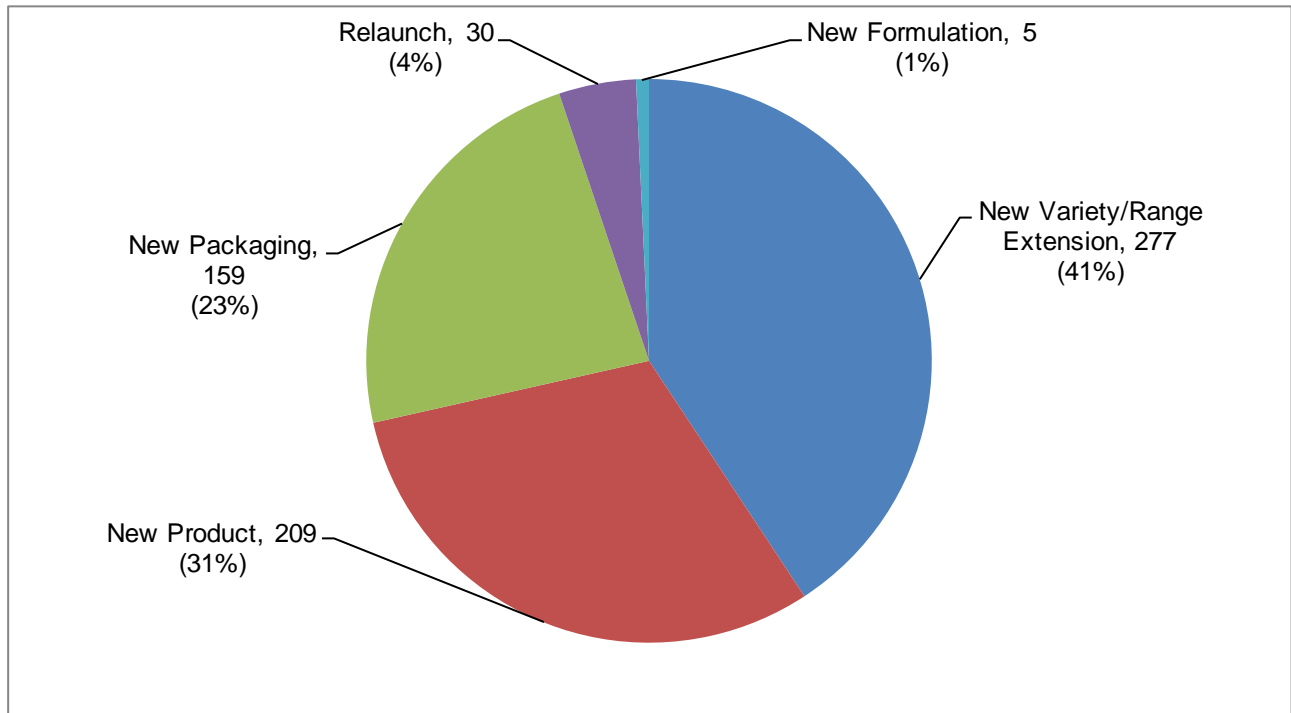
### 2.1. Number of new products launched in Canada under sub-category “Vegetable”, 2011 – 2015



Source: Mintel



## 2.2. Number of new products launched in Canada under the sub-category “Vegetable” by launch type, 2011 – 2015



Source: Mintel

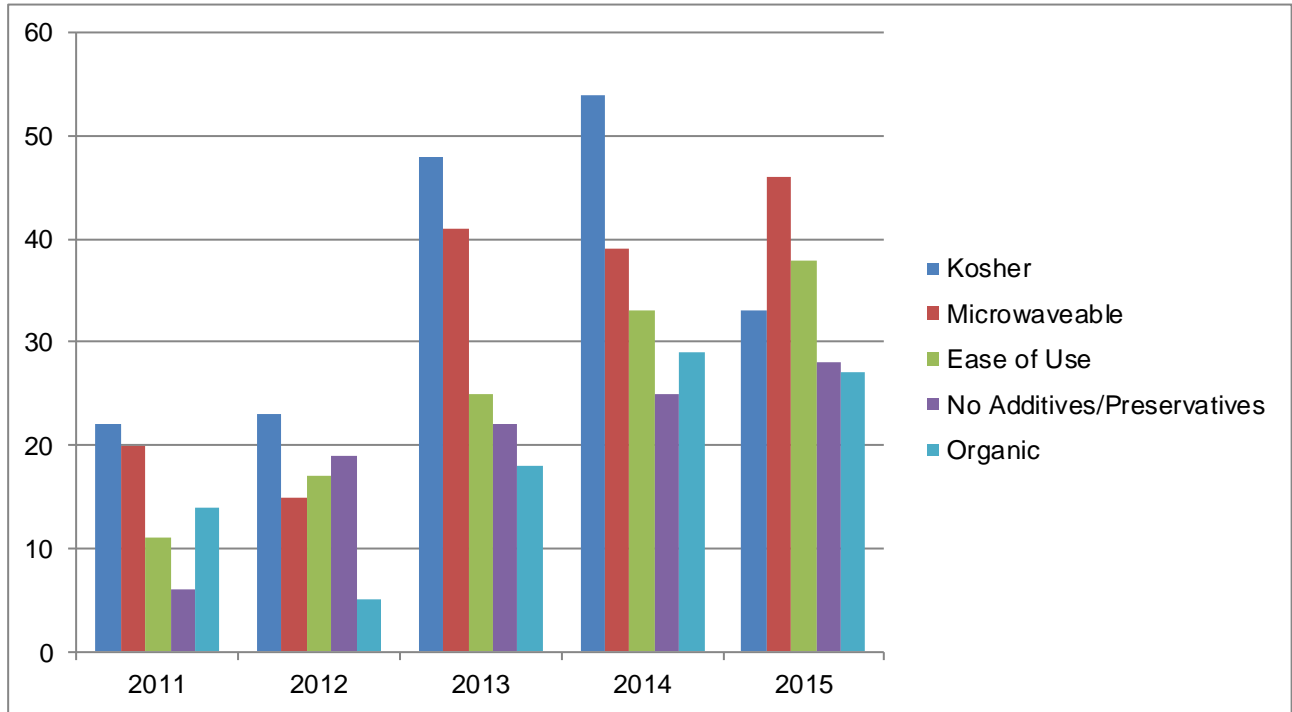
## 2.3. Top 10 claims of new products launched in Canada under the sub-category “Vegetable”, 2011 – 2015

	2011	2012	2013	2014	2015	Total
Kosher	22	23	48	54	33	<b>180</b>
Microwaveable	20	15	41	39	46	<b>161</b>
Ease of Use	11	17	25	33	38	<b>124</b>
No Additives/Preservatives	6	19	22	25	28	<b>100</b>
Organic	14	5	18	29	27	<b>93</b>
Ethical - Environmentally Friendly Package	11	11	20	28	22	<b>92</b>
Economy	2	6	49	18	10	<b>85</b>
Convenient Packaging	9	7	8	23	29	<b>76</b>
High/Added Fiber	3	6	42	3	11	<b>65</b>
Low/No/Reduced Sodium	6	6	16	10	16	<b>54</b>

Source: Mintel



## 2.4. Top 5 claims of new products launched in Canada under the sub-category “Vegetable”, 2011 – 2015



Source: Mintel



## 3. Trade

### 3.1. Canadian vegetable<sup>1</sup> trade balance (CAN\$ '000)

	2011	2012	2013	2014	2015
Exports	1,056,265	1,047,736	1,297,675	1,327,606	1,586,719
Imports	2,360,862	2,279,755	2,650,074	2,927,071	3,455,067
<b>Net trade (exports less imports)</b>	<b>-1,304,597</b>	<b>-1,232,019</b>	<b>-1,352,399</b>	<b>-1,599,464</b>	<b>-1,868,348</b>

Note:

1. Includes frozen, dried and greenhouse.

Source: Statistics Canada (CATSNET, June 2016)



## 3.2. Exports

### 3.2.1. Canada's fresh vegetable exports by commodity (CAN\$ '000)

	2011	2012	2013	2014	2015
Peppers <sup>1</sup>	206,767	225,659	272,850	296,345	361,681
Tomatoes <sup>1</sup>	299,533	274,321	337,072	316,701	326,231
Cucumbers and gherkins <sup>1,2</sup>	125,059	126,590	177,829	179,992	204,898
Mushrooms <sup>2,3</sup>	110,736	115,770	130,445	141,297	189,173
Cabbages	44,514	39,500	57,186	58,967	86,330
Carrots	48,327	38,896	39,165	47,147	61,715
Beans <sup>4</sup>	34,677	41,648	42,542	50,884	60,207
Onions and shallots <sup>3</sup>	20,421	22,432	32,459	40,865	54,257
Corn <sup>4</sup>	18,007	20,635	19,789	21,433	34,991
Lettuce	9,119	14,486	18,245	22,005	27,578
Peas <sup>4</sup>	18,084	17,233	49,002	31,047	24,208
Cauliflower and broccoli	7,971	8,869	10,846	12,139	15,990
Spinach <sup>4</sup>	2,891	3,625	5,959	9,172	10,917
Sweet potatoes	4,855	1,825	229	574	9,137
Asparagus	5,250	6,711	6,712	5,762	6,293
Eggplant	3,417	3,989	4,200	4,617	5,649
Celery	2,826	2,668	2,826	3,028	4,403
Brussels sprouts	223	262	385	500	2,295
Leeks	993	1,282	1,933	2,395	2,142
Leguminous vegetables <sup>4</sup>	3,196	4,194	17,027	3,926	934
Garlic	495	377	343	285	375
Turnips	159	175	126	209	330
Other vegetables <sup>2,3,4</sup>	88,744	76,589	70,507	78,317	96,987
<b>Total</b>	<b>1,056,265</b>	<b>1,047,736</b>	<b>1,297,675</b>	<b>1,327,606</b>	<b>1,586,719</b>

Notes:

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

Source: Statistics Canada (CATSNET, June 2016)



### 3.2.2. Canada's fresh vegetable exports by commodity (metric tonnes)

	2011	2012	2013	2014	2015
Tomatoes <sup>1</sup>	141,511	139,507	140,682	146,792	135,553
Cucumbers and gherkins <sup>1,2</sup>	82,368	89,359	108,212	113,328	120,018
Peppers <sup>1</sup>	85,342	97,716	103,782	111,387	113,063
Carrots	97,995	91,526	78,163	88,313	89,385
Cabbage	67,030	62,399	78,351	75,687	86,122
Onions and shallots <sup>3</sup>	30,180	38,936	50,667	58,368	81,642
Beans <sup>4</sup>	28,642	31,581	34,262	37,525	36,469
Mushrooms <sup>2,3</sup>	28,143	31,465	31,945	31,298	32,898
Corn <sup>4</sup>	16,531	16,698	16,089	17,452	26,951
Lettuce	10,396	14,457	16,445	18,207	19,166
Peas <sup>4</sup>	17,647	16,125	52,252	29,652	17,246
Cauliflowers and broccoli	10,355	11,776	11,814	12,731	14,070
Sweet potatoes	7,208	2,700	552	1,347	11,919
Celery	6,029	4,930	5,842	5,314	5,155
Spinach <sup>4</sup>	1,241	1,459	2,149	3,309	3,412
Eggplant	1,198	1,274	1,330	1,560	1,582
Asparagus	1,482	1,511	1,678	1,439	1,329
Brussel sprouts	94	118	157	203	857
Leguminous vegetables <sup>4</sup>	2,748	3,017	22,942	5,056	775
Leeks	845	987	1,641	1,737	635
Turnips	345	726	408	498	386
Garlic	147	217	211	24	69
Other vegetables <sup>2,3,4</sup>	104,090	78,121	69,887	70,924	82,889
<b>Total</b>	<b>741,567</b>	<b>736,605</b>	<b>829,461</b>	<b>832,151</b>	<b>881,589</b>

Notes:

1. Includes greenhouse vegetables.

2. Includes provisionally preserved.

3. Includes dried.

4. Includes frozen.

Source: Statistics Canada (CATSNET, June 2016)



### 3.2.3. Top 5 vegetable<sup>1</sup> export destinations by commodity (CAN\$ '000)

		2011	2012	2013	2014	2015
<b>United States</b>	Peppers <sup>2</sup>	206,702	225,610	272,821	296,281	361,415
	Tomatoes <sup>2</sup>	298,910	273,748	335,650	315,843	324,282
	Cucumbers and gherkins <sup>2</sup>	125,028	126,589	177,762	179,751	204,840
	Mushrooms	98,527	111,418	117,895	133,040	163,407
	Others	303,105	291,450	344,023	374,276	490,965
	<b>Total</b>	<b>1,032,272</b>	<b>1,028,814</b>	<b>1,248,150</b>	<b>1,299,192</b>	<b>1,544,909</b>
<b>Japan</b>	Mushrooms	6,561	3,213	8,941	3,664	16,063
	Tomatoes <sup>2</sup>	583	561	1,265	642	1,539
	Peas	1,144	1,450	1,851	1,640	253
	Cucumbers and gherkins <sup>2</sup>	7	0	0	2	17
	Others	110	25	51	17	0
	<b>Total</b>	<b>8,406</b>	<b>5,249</b>	<b>12,107</b>	<b>5,966</b>	<b>17,872</b>
<b>Netherlands</b>	Sweet potatoes	0	157	0	0	5,561
	Mushrooms	863	421	885	239	1,097
	Onions and shallots	0	35	0	80	34
	Peas	0	0	70	0	0
	<b>Total</b>	<b>863</b>	<b>613</b>	<b>954</b>	<b>319</b>	<b>6,692</b>
<b>China</b>	Peas	677	1,241	5,241	3,813	1,494
	Mushrooms	40	64	53	54	295
	Cucumbers and gherkins <sup>2</sup>	0	0	0	1	27
	Spinach	0	0	0	81	24
	Others	45	7	229	73	4
	<b>Total</b>	<b>762</b>	<b>1,312</b>	<b>5,522</b>	<b>4,021</b>	<b>1,845</b>
<b>Hong Kong</b>	Mushrooms	137	15	77	213	608
	Peas	0	0	0	0	195
	Peppers <sup>2</sup>	0	0	0	6	174
	Tomatoes <sup>2</sup>	1	2	6	47	136
	Others	207	6	1	314	577
	<b>Total</b>	<b>346</b>	<b>23</b>	<b>84</b>	<b>580</b>	<b>1,690</b>

Note:

1. May include frozen and dried.

2. Includes greenhouse vegetables.

Source: Statistics Canada (CATSNET, June 2016)





### 3.2.4. Top 10 vegetable<sup>1</sup> export destinations (CAN\$ '000)

	2011	2012	2013	2014	2015
United States	1,032,272	1,028,814	1,248,150	1,299,192	1,544,909
Japan	8,406	5,249	12,107	5,966	17,872
Netherlands	863	613	954	319	6,692
France	2,970	1,148	1,992	2,132	4,040
Switzerland	1,330	200	484	960	2,313
China	762	1,312	5,522	4,021	1,845
Hong Kong	346	23	84	580	1,690
Thailand	538	537	1,024	1,399	749
Vietnam	76	0	51	63	643
India	9	9	156	4,226	583
Others	8,694	9,833	27,149	8,749	5,384
<b>Total</b>	<b>1,056,265</b>	<b>1,047,736</b>	<b>1,297,675</b>	<b>1,327,606</b>	<b>1,586,719</b>

Note:

1. Includes frozen and dried.

Source: Statistics Canada (CATSNET, June 2016)



### 3.2.5. Top vegetable export destinations by province (CAN\$)

		2011	2015
Newfoundland and Labrador	United States	0	26,724
	Saint Pierre and Miquelon	1,875	557
	France	3,111	0
	<b>Total</b>	<b>4,996</b>	<b>27,281</b>
Prince Edward Island	United States	920,848	2,131,892
	Trinidad and Tobago	53,306	163,080
	Jamaica	10,056	23,249
	France	0	326
	Others	30,856	0
	<b>Total</b>	<b>1,015,066</b>	<b>2,318,547</b>
Nova Scotia	United States	14,727,049	18,909,328
	France	30,757	24,930
	Iceland	0	20,350
	Saint Pierre and Miquelon	1,668	5,574
	Others	307,621	0
	<b>Total</b>	<b>15,067,095</b>	<b>18,960,182</b>
New Brunswick	United States	1,767,500	1,329,681
	Trinidad and Tobago	7,032	37,349
	Saint Pierre and Miquelon	5,371	29,963
	France	11	630
	Others	4,597,991	0
	<b>Total</b>	<b>6,377,905</b>	<b>1,397,623</b>
Quebec	United States	132,843,194	246,927,697
	Netherlands	0	5,561,069
	Hong Kong	162,573	557,654
	France	23,775	400,860
	Israel	0	350,544
	Others	983,689	390,687
	<b>Total</b>	<b>134,013,231</b>	<b>254,188,511</b>

Source: Statistics Canada (CATSNET, June 2016)

...cont'd



### 3.2.5. Top vegetable export destinations by province (CAN\$) – cont'd

		2011	2015
Ontario	United States	665,626,059	982,665,751
	Japan	427,873	846,818
	Chile	0	227,428
	Bermuda	238,865	194,583
	Italy	0	47,466
	Others	894,087	823,873
	<b>Total</b>	<b>667,186,884</b>	<b>984,805,919</b>
Manitoba	United States	2,750,507	2,169,102
	Bosnia and Herzegovina	0	27,000
	Others	100,994	42,989
	<b>Total</b>	<b>2,851,501</b>	<b>2,239,091</b>
Saskatchewan	Thailand	537,570	748,821
	United States	504,191	463,890
	Indonesia	0	418,326
	China	664,281	285,848
	India	0	270,251
	Others	2,421,660	816,938
	<b>Total</b>	<b>4,127,702</b>	<b>3,004,074</b>
Alberta	United States	4,994,718	6,037,376
	Egypt	0	41,114
	China	0	0
	India	0	0
	Colombia	0	0
	Others	74,438	1,485
	<b>Total</b>	<b>5,069,156</b>	<b>6,079,975</b>
British Columbia	United States	208,137,917	284,247,164
	Japan	6,754,774	16,993,471
	France	2,903,163	3,570,612
	Switzerland	1,330,024	2,261,908
	China	40,480	1,517,179
	Others	1,384,649	5,107,694
	<b>Total</b>	<b>220,551,007</b>	<b>313,698,028</b>

Source: Statistics Canada (CATSNET, June 2016)



### 3.3 Imports

#### 3.3.1. Canada's fresh vegetable<sup>1</sup> imports by commodity (CAN\$ '000)

	2011	2012	2013	2014	2015
Lettuce <sup>2</sup>	317,116	308,107	344,513	359,731	457,873
Tomatoes <sup>2</sup>	321,979	270,694	310,746	356,847	399,390
Peppers <sup>2</sup>	218,894	205,896	231,615	267,835	300,342
Cauliflower and broccoli	171,414	156,380	196,922	210,137	273,570
Cabbage	128,161	112,987	154,629	157,382	195,570
Onions and shallots	133,118	140,420	172,393	177,187	193,110
Spinach	81,244	91,389	108,757	131,345	156,594
Kohlrabi <sup>3</sup>	27,754	32,759	57,664	107,732	153,611
Carrots <sup>4</sup>	124,854	114,684	123,028	127,238	146,253
Asparagus	83,623	88,131	89,754	95,861	102,069
Beans	60,609	60,271	68,473	78,872	92,378
Celery	60,382	56,006	75,757	66,759	89,518
Peas	56,299	64,267	70,074	72,150	78,140
Cucumbers and gherkins <sup>2,5</sup>	59,061	53,405	61,671	76,069	77,140
Pumpkin	45,076	42,626	49,311	61,200	67,027
Corn	50,540	56,621	55,649	57,036	63,984
Sweet potatoes	41,154	38,466	42,079	47,056	59,092
Garlic	39,134	36,071	38,741	42,459	57,067
Mushrooms <sup>5</sup>	48,116	40,034	46,613	44,393	52,242
Eggplant	23,168	24,165	29,213	29,661	32,675
Yams	-	15,868	19,491	29,101	32,027
Brussels sprouts	12,716	11,135	17,083	20,693	22,510
Other vegetables <sup>2,5</sup>	256,452	259,375	285,897	310,326	352,884
<b>Total</b>	<b>2,360,862</b>	<b>2,279,755</b>	<b>2,650,074</b>	<b>2,927,071</b>	<b>3,455,067</b>

Notes:

1. May include frozen and dried.
2. Includes greenhouse vegetables.
3. Includes kale and similar edible brassica.
4. Includes baby carrots.
5. Includes provisionally preserved.

Source: Statistics Canada (CATSNET, June 2016)



### 3.3.2. Canada's fresh vegetable<sup>1</sup> imports by commodity (metric tonnes)

	2011	2012	2013	2014	2015
Tomatoes <sup>2</sup>	193,869	193,587	199,837	213,738	201,503
Lettuce <sup>2</sup>	196,743	200,952	195,819	188,932	192,625
Onions and shallots	184,025	181,154	191,221	194,408	176,871
Cauliflower and broccoli	164,111	168,145	160,151	159,224	156,899
Cabbage	173,835	158,110	171,054	165,236	156,758
Peppers <sup>2</sup>	118,823	119,374	126,949	122,079	122,784
Carrots <sup>3</sup>	118,459	117,353	122,706	113,506	113,349
Celery	95,120	94,752	94,488	92,261	89,841
Sweet potatoes	60,109	53,759	50,634	45,839	55,596
Corn	64,294	66,670	61,382	53,432	55,501
Cucumber and gherkins <sup>2,4</sup>	51,668	49,145	50,337	55,313	51,339
Pumpkin	43,313	42,221	46,801	51,123	49,722
Spinach	35,662	37,997	41,750	45,061	43,680
Beans	30,940	32,381	31,504	34,584	41,395
Kohlrabi <sup>5</sup>	13,714	15,032	21,172	33,026	36,359
Eggplant	18,809	22,154	24,357	24,862	24,147
Garlic	17,976	18,569	18,312	18,800	19,984
Yams	0	13,664	15,761	19,476	18,831
Asparagus	24,277	23,586	21,115	23,516	18,789
Peas	21,226	21,103	21,193	18,103	18,516
Radish	12,774	12,948	14,076	14,582	13,876
Mushrooms <sup>4</sup>	14,350	11,973	13,800	12,013	12,150
Other Vegetables <sup>2,4</sup>	155,277	151,480	159,574	161,603	160,871
<b>Total</b>	<b>1,809,375</b>	<b>1,806,109</b>	<b>1,853,995</b>	<b>1,860,717</b>	<b>1,831,388</b>

Notes:

1. May include frozen and dried.
2. Includes greenhouse vegetables.
3. Includes baby carrots.
4. Includes provisionally preserved.
5. Includes kale and similar edible Brassica.

Source: Statistics Canada (CATSNET, June 2016)

### 3.3.3. Top 5 import vegetable<sup>1</sup> import sources by commodity (CAN\$ '000)



		2011	2012	2013	2014	2015
United States	Lettuce <sup>2</sup>	314,393	305,852	341,371	355,011	448,991
	Cauliflower and broccoli	146,505	137,716	172,206	180,456	223,976
	Cabbage	109,196	98,146	137,021	138,049	172,570
	Kohlrabi <sup>3</sup>	22,201	28,048	51,121	101,555	144,980
	Others	891,912	874,810	991,850	1,073,595	1,193,625
	<b>Total</b>	<b>1,484,207</b>	<b>1,444,572</b>	<b>1,693,568</b>	<b>1,848,667</b>	<b>2,184,142</b>
Mexico	Tomatoes <sup>2</sup>	200,787	171,448	198,949	232,849	274,419
	Peppers <sup>2</sup>	119,050	124,296	140,744	162,358	169,374
	Cucumber and gherkins <sup>2</sup>	40,624	40,452	45,555	56,536	56,532
	Onions and shallots	34,291	33,716	42,816	43,672	50,347
	Others	191,661	187,745	222,749	246,327	300,554
	<b>Total</b>	<b>586,414</b>	<b>557,657</b>	<b>650,814</b>	<b>741,742</b>	<b>851,227</b>
China	Garlic	25,902	24,574	22,739	21,402	31,387
	Mushrooms	7,730	6,664	7,324	8,169	10,450
	Peas	9,073	10,666	11,708	10,512	9,864
	Carrots <sup>4</sup>	4,179	3,275	3,356	2,839	3,882
	Others	52,904	55,386	60,694	67,427	81,243
	<b>Total</b>	<b>99,789</b>	<b>100,564</b>	<b>105,822</b>	<b>110,350</b>	<b>136,827</b>
Peru	Asparagus	35,453	34,567	37,341	39,612	40,751
	Onions and shallots	3,059	3,468	6,006	5,305	6,729
	Peas	1,502	1,702	1,920	1,988	2,166
	Sweet potatoes	78	138	253	201	370
	Others	628	509	780	907	2,760
	<b>Total</b>	<b>40,719</b>	<b>40,383</b>	<b>46,300</b>	<b>48,014</b>	<b>52,775</b>
Spain	Peppers <sup>2</sup>	12,206	7,455	7,847	11,915	29,355
	Garlic	187	58	1,692	3,452	4,872
	Cucumbers and gherkins <sup>2</sup>	1,998	1,780	5,097	4,431	4,644
	Olives	4,126	3,294	3,455	3,218	2,574
	Others	2,626	1,649	2,379	4,929	5,835
	<b>Total</b>	<b>21,143</b>	<b>14,236</b>	<b>20,470</b>	<b>27,946</b>	<b>47,280</b>

1. May include frozen and dried.
2. Includes greenhouse vegetables.
3. Includes kale and similar edible Brassica.
4. Includes baby carrots.

Source: Statistics Canada CATSNET, June 2016)



### 3.3.4. Top 10 vegetable import sources (CAN\$ '000)

	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
United States	1,482,647	1,442,846	1,692,047	1,847,410	2,182,080
Mexico	586,414	557,657	650,814	741,742	851,227
China	99,789	100,564	105,822	110,350	136,827
Peru	40,712	40,381	46,296	48,012	52,765
Spain	21,143	14,236	20,470	27,946	47,280
Guatemala	17,286	16,986	18,477	20,461	25,464
Dominican Republic	9,014	9,527	12,127	15,715	16,486
Honduras	6,602	6,797	10,413	9,996	16,466
India	7,900	8,393	8,582	8,955	11,162
Belgium	13,117	9,756	7,117	7,082	11,089
Others	76,238	72,612	77,910	89,401	104,221
<b>Total</b>	<b>2,360,862</b>	<b>2,279,755</b>	<b>2,650,074</b>	<b>2,927,071</b>	<b>3,455,067</b>

Source: Statistics Canada (CATSNET, June 2016)



### 3.3.5. Top vegetable import sources by province (CAN\$ '000)

		2011	2015
Newfoundland and Labrador	United States	10	0
	<b>Total</b>	<b>10</b>	<b>0</b>
Prince Edward Island	Barbados	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>
Nova Scotia	Jamaica	670	889
	Poland	378	420
	Chile	330	115
	Costa Rica	53	30
	United Kingdom	0	6
	<b>Total</b>	<b>1,677</b>	<b>1,463</b>
New Brunswick	United States	23,838	25,070
	Peru	171	1,114
	Mexico	2,414	587
	Canada	168	229
	Honduras	40	105
	<b>Total</b>	<b>26,765</b>	<b>27,194</b>
Quebec	United States	97,326	92,162
	China	20,063	21,455
	Spain	12,464	18,147
	Belgium	10,909	8,963
	Peru	8,913	7,277
	<b>Total</b>	<b>187,252</b>	<b>192,665</b>
Ontario	United States	794,258	1,152,811
	Mexico	392,581	578,468
	China	38,954	59,401
	Peru	23,542	29,946
	Spain	6,092	20,607
	<b>Total</b>	<b>1,318,540</b>	<b>1,947,039</b>

Source: Statistics Canada (CATSNET, June 2016)

...cont'd





### 3.3.5. Top vegetable import sources by province (CAN\$ '000) – cont'd

		2011	2015
Manitoba	United States	37,043	52,193
	Mexico	7,717	13,771
	Peru	3,792	812
	China	76	210
	Canada	4	144
	<b>Total</b>		<b>48,906</b>
Saskatchewan	United States	19,411	24,287
	Mexico	6,126	8,877
	Peru	211	4,814
	Canada	0	98
	Nicaragua	2	69
	<b>Total</b>		<b>25,879</b>
Alberta	United States	184,953	307,590
	Mexico	71,908	98,304
	Spain	1,133	4,397
	Peru	1,582	3,020
	Guatemala	1,250	1,478
	<b>Total</b>		<b>264,804</b>
British Columbia	United States	325,788	527,967
	Mexico	100,549	149,012
	China	40,000	54,559
	Peru	2,500	5,782
	Spain	1,443	4,109
	<b>Total</b>		<b>487,030</b>

Source: Statistics Canada (CATSNET, June 2016)



## 4. Availability for consumption

### 4.1. Fresh vegetable available for consumption<sup>1</sup> in Canada (kilograms per person)

	2011	2012	2013	2014	2015
Lettuce, fresh	9.79	9.4	9.38	9.55	9.6
Onions and shallots, fresh	8.78	8.76	8.17	8.51	9.07
Tomatoes, fresh	8.16	8.13	8.58	8.36	8.08
Carrots, fresh,	8.77	8.69	7.17	6.24	7.52
Peppers, fresh	3.8	4.25	4.37	4.11	4.25
Cabbage, fresh	4.07	4.43	4.24	4.14	3.9
Cucumbers, fresh	3.42	3.55	3.28	3.43	3.15
Celery, fresh	3	2.98	3.05	3.11	3.08
Corn, fresh	3.7	3.56	3.48	3.19	3.04
Pumpkins and squash, fresh	2.91	3.08	2.84	3.25	2.95
Broccoli, fresh	2.39	2.53	2.64	2.7	2.7
Cauliflower, fresh	2.8	2.8	2.64	2.33	2.23
Mushrooms, fresh	1.62	1.81	1.78	1.87	1.74
Rutabagas and turnips, fresh	1.38	1.21	1.03	1.28	1.18
Chinese cabbage, fresh	0.91	0.93	1.01	1.01	1.01
Kohlrabi, fresh	0.38	0.42	0.58	0.89	0.97
Spinach, fresh	0.75	0.82	0.89	0.96	0.94
Beets, fresh	0.64	0.72	0.68	0.71	0.92
Beans green and wax, fresh	0.96	0.94	0.91	0.86	0.9
Radishes, fresh	0.38	0.41	0.39	0.54	0.61
Asparagus, fresh	0.75	0.71	0.67	0.7	0.6
Eggplants, fresh	0.46	0.54	0.59	0.59	0.57
Garlic, fresh	0.46	0.46	0.48	0.48	0.49
Parsley, fresh	0.25	0.28	0.3	0.29	0.32
Leeks, fresh	0.27	0.25	0.24	0.23	0.32
Brussels sprouts, fresh	0.2	0.2	0.22	0.24	0.23
Parsnips, fresh	0.18	0.22	0.18	0.26	0.21
Peas, fresh	0.29	0.16	0.27	0.22	0.21
Rappini, fresh	0.15	0.15	0.2	0.21	0.18

Note:

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

Source: Statistics Canada (CANISM Table 002-0011)

...cont'd



#### 4.1. Fresh vegetable available for consumption<sup>1</sup> in Canada (kilograms per person) – cont'd

	2011	2012	2013	2014	2015
Okra, fresh	0.11	0.13	0.13	0.16	0.15
Other edible roots, fresh	0.52	0.16	0.13	0.11	0.12
Manioc, fresh	0.09	0.11	0.11	0.1	0.1
Artichokes, fresh	0.06	0.06	0.05	0.04	0.03
Olives, fresh	0.01	0.01	0.01	..	0.01
Other leguminous vegetables, fresh	F	F	F	F	F

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.

Source: Statistics Canada (CANSIM Table 002-0011)



## 5. World production

### 5.1. World fresh vegetable production by commodity (metric tonnes)

	2009	2010	2011	2012	2013
Tomatoes <sup>1</sup>	154,406,466	152,082,960	158,207,312	160,797,627	163,434,039
Watermelons	98,648,157	101,348,447	103,351,656	106,193,608	108,932,568
Onions, dry	73,774,881	78,924,858	84,308,183	81,462,299	84,758,190
Cabbages	66,236,392	66,445,250	71,139,709	70,281,933	71,434,080
Cucumbers and gherkins <sup>1</sup>	60,884,535	62,610,424	66,267,023	69,266,371	71,333,414
Eggplants	43,169,784	44,282,875	45,625,285	47,643,440	49,339,734
Carrots and turnips	33,384,719	33,660,616	36,188,854	36,931,325	37,209,469
Peppers, green <sup>1</sup>	28,760,151	29,325,792	29,747,128	30,792,661	31,116,944
Other, melons	26,429,872	31,605,906	31,802,253	28,316,234	29,394,542
Lettuce and chicory <sup>1</sup>	23,898,805	24,455,526	25,056,972	25,545,999	24,896,115
Pumpkins, squash and gourds	22,448,403	23,169,632	24,344,679	24,613,911	24,609,860
Garlic	22,033,859	22,558,017	23,067,724	23,399,561	24,195,662
Spinach	19,749,731	20,259,272	21,245,931	22,255,237	23,231,898
Cauliflowers and broccoli	19,767,530	20,206,099	20,996,503	21,578,774	22,278,055
Beans, green	19,086,969	19,771,119	20,182,964	20,947,989	21,364,119
Peas	16,160,205	16,360,561	16,986,974	17,082,120	17,430,607
Mushrooms and truffles	7,207,433	7,391,978	8,427,222	9,593,209	9,926,966
Maize, green	9,576,609	9,265,238	9,409,066	9,963,515	9,776,132
Okra	6,812,519	7,073,615	7,837,386	9,233,844	8,426,236
Asparagus	7,361,085	7,483,585	8,202,433	8,300,051	7,959,186
Onions and shallots	4,172,561	4,140,691	4,290,722	4,285,424	4,281,181
Leeks, other alliaceous vegetables	2,111,256	2,102,574	2,112,091	2,178,048	2,121,589
String beans	2,113,937	1,992,168	1,923,413	1,978,649	1,883,205
Artichokes	1,498,209	1,446,879	1,541,383	1,627,066	1,793,016
Vegetables, leguminous	1,799,151	1,733,354	1,607,841	1,561,264	1,647,666
Cassava leaves	68,843	85,000	85,000	85,000	85,000
1. Includes greenhouse vegetables.					
Source: FAOSTAT (June 2015)					



## 6. World trade

### 6.1. Top 10 importers of fresh vegetables<sup>1</sup> worldwide (CAN\$ '000)

	2011	2012	2013	2014	2015
United States	5,900,565	5,994,307	7,079,432	7,682,608	9,191,683
Germany	4,592,731	4,617,708	5,184,590	5,465,228	5,848,836
United Kingdom	2,965,839	2,961,344	3,350,401	3,673,477	4,067,462
Canada	2,099,839	2,009,627	2,367,840	2,607,250	3,075,717
France	2,107,561	2,161,991	2,463,102	2,627,937	2,839,073
Russia	2,073,978	2,066,803	2,526,801	2,590,230	1,877,353
Netherlands	1,577,721	1,590,874	1,662,466	1,595,511	1,568,376
Belgium	850,660	884,180	1,075,798	1,102,552	1,194,263
Japan	951,227	1,093,691	998,907	967,045	1,014,319
Italy	824,386	758,817	814,594	823,078	965,974
Others	8,762,462	8,773,582	10,426,877	11,227,253	12,768,243
<b>Total</b>	<b>32,706,969</b>	<b>32,912,923</b>	<b>37,950,809</b>	<b>40,362,167</b>	<b>44,411,298</b>

Note:

1. Does not include potatoes.

Source: Global Trade Tracker (June 2016)

### 6.2. Top 10 exporters of fresh vegetables<sup>1</sup> worldwide (CAN\$ '000)

	2011	2012	2013	2014	2015
Spain	4,712,012	4,960,357	5,779,826	6,209,731	6,694,953
Mexico	4,380,501	4,335,211	5,002,474	5,339,164	6,364,022
Netherlands	5,246,612	5,296,443	5,599,466	5,905,642	6,169,709
China	3,606,854	2,902,244	3,203,124	3,724,197	5,215,745
United States	2,499,769	2,472,310	2,843,391	3,098,644	3,507,069
Italy	1,364,513	1,327,691	1,515,914	1,593,753	1,670,368
Canada	1,012,387	983,054	1,285,904	1,327,811	1,563,885
France	1,254,854	1,232,434	1,436,396	1,418,746	1,465,197
Belgium	792,873	855,065	969,664	996,902	1,153,011
Morocco	685,924	623,123	752,054	859,842	863,583
Others	7,397,390	7,880,237	9,097,874	10,135,472	10,675,928
<b>Total</b>	<b>32,953,690</b>	<b>32,868,170</b>	<b>37,486,089</b>	<b>40,609,904</b>	<b>45,343,469</b>

Note:

1. Does not include potatoes.

Source: Global Trade Tracker (June 2016)



### 6.3. Top 10 selected vegetable<sup>1</sup> imports worldwide (CAN\$ '000)

	2011	2012	2013	2014	2015
Tomatoes <sup>2</sup>	7,955,255	7,946,419	8,760,203	9,678,212	9,976,442
Peppers <sup>2</sup>	4,381,206	4,540,657	5,144,098	5,535,634	5,873,757
Onions and shallots	2,494,968	2,064,446	2,757,329	2,768,431	3,118,165
Cucumber and gherkins <sup>2</sup>	1,916,033	2,175,099	2,582,887	2,750,207	2,880,658
Garlic	1,773,499	1,466,622	1,759,502	1,700,373	2,224,246
Cabbage	1,305,375	1,294,420	1,597,231	1,783,569	2,141,379
Lettuce <sup>3</sup>	1,166,883	1,287,254	1,450,403	1,521,353	1,768,411
Asparagus	1,176,353	1,231,336	1,462,985	1,531,930	1,745,013
Pumpkins, squash and gourds	24	1,156,214	1,318,498	1,340,779	1,583,352
Carrots and turnips	1,063,500	1,075,002	1,250,642	1,180,540	1,416,457

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.
2. Includes greenhouse vegetables.
3. Lettuce combines both lettuce and head lettuce.

Source: Global Trade Tracker (June 2016)

### 6.4. Top 10 vegetable<sup>1</sup> exports worldwide (CAN\$ '000)

	2011	2012	2013	2014	2015
Tomatoes <sup>2</sup>	8,013,258	8,025,583	8,862,704	9,989,591	10,370,104
Peppers <sup>2</sup>	4,131,209	4,281,015	4,867,500	5,190,631	5,553,069
Onions and shallots	2,837,157	2,505,106	3,413,414	3,203,448	4,022,165
Garlic	2,752,846	1,958,831	2,140,604	2,273,949	3,182,258
Cucumbers and gherkins <sup>2</sup>	1,793,185	2,126,651	2,378,040	2,551,643	2,635,634
Lettuce <sup>3</sup>	1,031,266	1,177,376	1,293,704	1,365,023	1,582,717
Carrots and turnips	1,080,377	1,097,337	1,234,166	1,230,342	1,537,669
Cauliflower and headed broccoli	1,111,543	1,101,736	1,285,819	1,339,298	1,500,896
Pumpkins, squash and gourds		825,355	1,182,200	1,186,395	1,465,884
Asparagus	941,762	1,050,718	1,145,376	1,279,062	1,464,263

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.
2. Includes greenhouse vegetables.
3. Lettuce combines both lettuce and head lettuce.

Source: Global Trade Tracker (June 2016)



## 7. Key resources

FAOSTAT

Global Trade Tracker

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