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Statistical Overview of the Canadian Field Vegetable Industry 2021

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December 2022



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Electronic version available at
<https://agriculture.canada.ca/en/canadas-agriculture-sectors/horticulture/horticulture-sector-reports>
ISBN : 2817-1861
AAFC no. : 13144E
Catalogue no. : A1-37E-PDF

Paru également en français sous le titre
Aperçu statistique de l'industrie des légumes de plein champ du Canada, 2021
ISBN : 2817-187X
No AAC. : 13144F
Catalogue no. : A1-37F-PDF

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Overview

Continuing the trend of farm consolidation from the previous census and aging of farm operators, the number of field vegetable farms dropped by 8.5% from 2016 (4,509 farms) to 2021 (4,125 farms). Meanwhile, the total planted area of field vegetables decreased slightly by 2.7% to 106,576 hectares in 2021, down from 109,518 hectares in 2016.

Canada's field vegetable production volume was up slightly (+1.4%) from 2020 to nearly 2.3 million metric tons in 2021, largely due to increased production of field tomatoes (+4.7%) and dry onions (+4.8%). Field tomatoes topped the production of field vegetables (22.6%), followed by carrots (15.9%) and dry onions (10.7%).

Ontario remained the largest producing province, accounting for more than 55% of Canada's total production of field vegetables in 2021, followed by Quebec with nearly 33%. Nova Scotia, British Columbia and Alberta each contributed approximately 3% to total production, while other field vegetable producing provinces each accounted for 1% or less of Canada's total production. With a late frost early in the 2021 growing season, along with excessive heat in August, Ontario's total field vegetable production fell by 3.5% over 2020. However, Quebec's total production grew by nearly 12% in 2021 over 2020, with increased production of dry onions, cabbage and lettuce over the previous year. Conversely, in British Columbia, total production fell by almost 9% in 2021, as the province faced intense summer heat followed by flooding in November.

Total farm gate value of Canadian field vegetables rose 4.0% to \$1.41 billion in 2021, with the increase mainly attributed to higher farm gate prices and increased production. By commodity, notable farm gate value increases in 2021 included cucumbers and gherkins (+17.5%), squash and zucchinis (+10.6%), and lettuce (+9.0%). The combined farm gate values for carrots, dry onions, tomatoes, cabbage, peppers, lettuce, sweet corn and broccoli comprised nearly 60% of the total value of field vegetables grown in Canada last year. Carrots recorded the highest farm gate value (\$140.9 million), followed by dry onions (\$118.6 million), tomatoes (\$117.2 million), cabbage (\$107.7 million), peppers (\$87.6 million), lettuce (\$85.0 million), sweet corn (\$84.8 million) and broccoli (\$84.7 million).

As noted above, in 2021, carrots were Canada's most important field vegetable crop in terms of value (nearly \$141 million), along with being the second-most important in terms of total production volume (361,622 metric tons), and the third-most significant crop in terms of planted area (9,677 hectares). Carrots are harvested in summer and fall in most provinces with the majority of the production taking place in Ontario (44%), Quebec (32%) and Nova Scotia (14%). Planted area increased by 5.2% in 2021 compared to 2020. Total production of carrots in 2021 experienced marginal growth (+0.4%) over the previous year, although overall farm gate value grew by 3.5%.

Canada's most important field vegetable crop in terms of total production volume continues to be field tomatoes (515,013 metric tons in 2021). Field tomatoes are also the third-most important crop in terms of value (worth more than \$117 million in 2021), with production being largely concentrated in Ontario (97%). The majority of Canada's production of field tomatoes (92%) is destined for the processing market. In 2021, total acreage for field tomatoes increased by 4.0% over 2020, consistent with the increase in total production (+4.7%).

Dry onions represent Canada's second-most important field vegetable crop in terms of value (\$118.6 million in 2021) and third-most important in terms of production volume (244,015 metric tons in 2021). Planted area for dry onions (6,041 hectares) in 2021 remained fairly consistent with 2020 (5,936 hectares). Dry onions are mainly produced in Quebec (48%), Ontario (34%) and Alberta (11%). Total production of dry onions increased by 4.8% in 2021 over 2020, while overall farm gate value increased by 2.5%.

Based on increased domestic production and growth in demand for certain field vegetables, total Canadian field vegetable export values grew by 5.8% in 2021 over the previous year to \$764.8 million. This increase was driven by higher export values for various commodities, including cauliflower and headed broccoli



(+57.2%), onions and shallots (+20.9%) and cabbages (+14.9%). The United States remained Canada's largest purchaser, importing 94.6% of Canada's total field vegetable exports in terms of value.

Due to its geographical location and short growing season, Canada is highly dependent on imports to satisfy domestic demand for vegetables throughout the year. Canada's field vegetable trade deficit was \$2.8 billion in 2021, following a high of \$3.0 billion in 2020. As the fifth-largest fresh vegetable importer worldwide by value, Canada imported more than \$3.6 billion in field vegetables in 2021, falling by 3.2% over 2020. More than \$2.2 billion (61.5%) in field vegetable imports were sourced from the United States. Mexico was the second-largest source of Canadian imports, with just over \$842 million (23.3%) in import value. The top imported field vegetables in terms of value included lettuce (13.5% of all field vegetable imports), onions and shallots (12.6%), cabbages (9.5%), tomatoes (6.3%) and cauliflowers and headed broccoli (6.3%).



1. Production

1.1. Number of field vegetable farms^{1,2} by province

	2011	2016	2021	2021 % Share
Newfoundland and Labrador	87	73	73	1.8%
Prince Edward Island	37	48	43	1.0%
Nova Scotia	127	170	132	3.2%
New Brunswick	87	92	78	1.9%
Quebec	750	981	1,035	25.1%
Ontario	1,361	1,709	1,430	34.7%
Manitoba	90	119	107	2.6%
Saskatchewan	47	82	70	1.7%
Alberta	128	174	164	4.0%
British Columbia	785	1,061	993	24.1%
Canada	3,499	4,509	4,125	100.0%

Notes:

1. Number of farms includes all farms reported to be growing field vegetables and on which field vegetable production represents 50% or more of total farm cash receipts.

2. Includes melons.

Source: Statistics Canada. Table 32-10-0166-01 Farms classified by farm type, Census of Agriculture historical data



1.2. Planted area of field vegetables by commodity (hectares)

	2017	2018	2019	2020	2021	2021 % Share
Corn, sweet	17,968	17,551	17,516	17,405	17,725	16.6%
Peas, green	11,176	11,387	11,493	12,272	11,099	10.4%
Carrots ¹	8,662	8,344	8,461	9,198	9,677	9.1%
Beans, green or wax	8,179	8,477	8,092	8,485	7,709	7.2%
Tomatoes	6,557	6,559	6,216	6,272	6,523	6.1%
Cabbage ²	5,458	5,912	5,600	5,982	6,413	6.0%
Dry onions	5,776	5,624	5,702	5,936	6,041	5.7%
Pumpkins	3,427	3,197	3,275	3,854	4,714	4.4%
Broccoli	4,423	4,570	4,550	4,323	4,350	4.1%
Lettuce ³	3,975	3,931	3,902	3,367	3,420	3.2%
Squash and zucchinis	3,300	3,218	3,042	2,998	3,377	3.2%
Cucumbers and gherkins	2,532	2,433	2,465	2,382	2,518	2.4%
Peppers	2,556	2,514	2,262	2,441	2,462	2.3%
Asparagus	2,381	2,320	2,431	2,438	2,411	2.3%
Beets	1,928	1,758	1,817	2,011	2,148	2.0%
Cauliflowers	1,860	1,921	1,882	1,896	2,024	1.9%
Rutabagas and turnips	1,678	1,530	1,524	1,593	1,662	1.6%
Radishes ⁴	935	1,144	1,061	1,244	1,260	1.2%
Sweet potatoes	..	726	811	808	1,008	0.9%
Garlic	658	641	566	850	975	0.9%
Celery	870	802	781	795	894	0.8%
Spinach	716	728	707	619	853	0.8%
Shallots and green onions	793	754	806	671	801	0.8%
Watermelons	693	696	719	668	767	0.7%
Brussels sprouts	600	669	650	675	725	0.7%
Other melons	572	505	465	428	466	0.4%
Leeks	321	337	350	352	359	0.3%
Other fine herbs	..	295	337	322	344	0.3%
Parsnips	391	367	349	350	271	0.3%
Eggplants	..	223	241	215	230	0.2%
Rhubarb	260	216	198	193	222	0.2%
Parsley	159	153	134	127	156	0.1%
Other vegetables	5,139	4,410	3,888	3,222	2,969	2.8%
Total⁵	103,939	103,912	102,292	104,393	106,576	100.0%

Notes:

1. Includes baby carrots and regular carrots.
 2. Includes regular cabbage, kale and Chinese cabbage.
 3. Includes leaf lettuce, head lettuce and mixed lettuce.
 4. Includes Asian radishes.
 5. Totals may not add up as some data was suppressed to meet confidentiality requirements of the *Statistics Act*.
- .. Not available for a specific reference period.

Source: Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables



1.3. Planted area of field vegetables¹ by province (hectares)

	2017	2018	2019	2020	2021	2021 % Share
Newfoundland and Labrador	280	264	260	264	280	0.3%
Prince Edward Island	885	963	904	871	848	0.8%
Nova Scotia	2,254	2,159	2,223	2,260	2,228	2.1%
New Brunswick	649	592	556	526	607	0.6%
Quebec	37,286	37,472	37,862	38,567	39,128	36.7%
Ontario	50,362	50,945	49,295	50,880	51,659	48.5%
Manitoba	1,826	1,612	1,524	1,455	1,449	1.4%
Saskatchewan	381	332	326	376	399	0.4%
Alberta	4,160	3,776	3,762	3,974	4,144	3.9%
British Columbia	5,858	5,796	5,579	5,219	5,835	5.5%
Canada²	103,939	103,912	102,292	104,393	106,576	100.0%

Notes:

1. Includes melons.

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

Source: Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables



1.4. Production volume of field vegetables by commodity (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Tomatoes	492,394	497,438	490,286	492,072	515,013	22.6%
Carrots ¹	385,627	361,539	362,984	360,226	361,622	15.9%
Dry onions	235,882	241,619	250,847	232,800	244,015	10.7%
Corn, sweet	196,869	189,691	189,554	197,966	195,786	8.6%
Cabbage ²	162,034	170,141	163,881	169,512	175,280	7.7%
Pumpkins	82,792	76,042	75,925	96,938	84,458	3.7%
Lettuce ³	86,603	85,755	84,902	66,813	75,612	3.3%
Peppers	71,242	66,945	63,438	67,747	69,815	3.1%
Cucumbers and gherkins	62,204	57,295	59,344	57,655	57,720	2.5%
Beets	40,716	43,298	46,325	48,403	56,137	2.5%
Beans, green or wax	52,196	56,268	58,417	52,270	45,241	2.0%
Squash and zucchinis	50,371	56,064	53,877	49,496	45,035	2.0%
Rutabagas and turnips	47,781	47,138	45,737	45,077	43,289	1.9%
Peas, green	46,111	45,531	48,662	50,178	42,251	1.9%
Broccoli	42,432	42,427	42,313	38,250	40,709	1.8%
Watermelons	26,200	30,548	32,942	33,562	34,780	1.5%
Celery	34,967	32,414	32,441	30,758	32,756	1.4%
Cauliflowers	32,494	28,996	31,598	29,794	30,659	1.3%
Radishes ⁴	16,383	15,802	15,618	15,167	15,741	0.7%
Sweet potatoes	..	12,935	13,690	10,911	14,797	0.6%
Shallots and green onions	18,410	15,592	16,269	13,716	14,210	0.6%
Other melons	14,327	14,259	12,472	11,058	10,939	0.5%
Asparagus	8,956	8,963	10,235	7,761	8,940	0.4%
Leeks	5,459	6,127	6,413	6,713	6,785	0.3%
Spinach	5,503	4,832	4,607	4,154	6,406	0.3%
Parsnips	8,321	7,137	6,264	6,078	5,638	0.2%
Brussels sprouts	6,234	6,331	6,394	6,541	5,505	0.2%
Eggplants	..	3,248	3,475	3,383	3,028	0.1%
Other fine herbs	..	1,084	1,580	1,971	2,227	0.1%
Garlic	1,563	1,490	1,248	1,840	1,938	0.1%
Rhubarb	2,525	1,680	1,656	1,281	1,853	0.1%
Parsley	2,936	2,507	1,898	1,814	1,799	0.1%
Other vegetables	..	34,788	35,837	33,035	26,795	1.2%
Total⁵	2,239,530	2,265,925	2,271,130	2,244,939	2,276,778	100.0%

Notes:

1. Includes baby carrots and regular carrots.
 2. Includes regular cabbage, kale and Chinese cabbage.
 3. Includes leaf lettuce, head lettuce and mixed lettuce.
 4. Includes Asian radishes.
 5. Totals may not add up as some data was suppressed to meet confidentiality requirements of the *Statistics Act*.
- .. Not available for a specific reference period.

Source: Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables



1.5. Production volume¹ of field vegetables by province (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Newfoundland and Labrador	4,069	3,484	3,333	3,265	3,502	0.2%
Prince Edward Island	27,216	24,678	24,145	24,804	19,809	0.9%
Nova Scotia	67,402	56,297	57,655	68,421	73,388	3.2%
New Brunswick	6,305	6,437	7,800	6,839	8,206	0.4%
Quebec	702,535	698,481	704,491	665,215	744,153	32.7%
Ontario	1,253,287	1,300,680	1,306,839	1,310,972	1,265,530	55.6%
Manitoba	33,412	28,573	27,356	25,875	23,339	1.0%
Saskatchewan	3,383	3,416	3,972	3,595	3,137	0.1%
Alberta	60,617	59,124	54,645	59,016	65,646	2.9%
British Columbia	81,304	84,755	80,894	76,936	70,067	3.1%
Canada²	2,239,530	2,265,925	2,271,130	2,244,939	2,276,778	100.0%

Notes:

1. Includes melons.

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

Source: Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables



1.6. Farm gate value¹ of field vegetables by commodity (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Carrots ²	132,805	129,170	139,818	136,105	140,909	9.9%
Dry onions	91,337	101,940	112,449	115,651	118,572	8.4%
Tomatoes	109,876	106,820	109,857	116,706	117,162	8.3%
Cabbage ³	72,924	91,237	87,945	99,755	107,715	7.6%
Peppers	67,570	68,632	74,405	82,162	87,575	6.2%
Lettuce ⁴	78,997	81,844	82,370	77,971	84,967	6.0%
Corn, sweet	75,879	76,193	78,373	84,272	84,781	6.0%
Broccoli	72,010	75,850	79,364	77,937	84,679	6.0%
Squash and zucchinis	38,163	40,538	42,164	46,113	50,996	3.6%
Cucumbers and gherkins	35,485	33,771	37,491	39,509	46,413	3.3%
Asparagus	39,711	38,094	45,130	41,726	42,884	3.0%
Cauliflowers	29,236	32,475	36,670	36,650	39,541	2.8%
Beans, green or wax	35,694	35,620	39,159	39,803	35,662	2.5%
Pumpkins	28,747	27,944	32,101	36,226	33,268	2.3%
Shallots and green onions	32,992	30,851	32,686	32,488	31,852	2.2%
Rutabagas and turnips	27,010	28,872	31,297	31,155	31,261	2.2%
Celery	19,197	17,816	19,896	22,150	25,178	1.8%
Peas, green	23,225	22,127	23,969	25,585	23,262	1.6%
Garlic	15,667	15,135	14,245	20,815	23,044	1.6%
Radishes ⁵	14,865	16,473	19,135	20,836	21,753	1.5%
Beets	21,435	18,734	19,037	20,708	20,822	1.5%
Watermelons	8,401	11,847	13,649	15,559	17,791	1.3%
Sweet potatoes	..	12,734	13,507	11,526	15,755	1.1%
Spinach	11,700	10,620	10,355	10,416	15,605	1.1%
Leeks	9,674	11,066	12,316	13,685	14,441	1.0%
Brussels sprouts	12,279	12,593	13,078	14,256	12,956	0.9%
Other melons	8,611	9,057	8,737	9,012	9,364	0.7%
Other fine herbs	..	3,602	5,368	6,410	7,941	0.6%
Parsnips	9,509	8,875	8,179	8,506	6,651	0.5%
Eggplants	..	2,927	4,789	5,094	5,524	0.4%
Parsley	6,541	6,080	5,071	5,202	5,260	0.4%
Rhubarb	3,654	2,728	2,809	2,322	4,296	0.3%
Other vegetables	77,783	74,574	48,259	55,432	48,956	3.5%
Total⁶	1,210,975	1,256,842	1,303,677	1,361,744	1,416,836	100.0%

Notes:

1. Farm-gate value is the value received by producers at the point of first transaction, when ownership first changes hands. This value excludes any separately billed costs such as delivery, storage, marketing and administration.

2. Includes baby carrots and regular carrots.

3. Includes regular cabbage, kale and Chinese cabbage.

4. Includes leaf lettuce, head lettuce and mixed lettuce.

5. Includes Asian radishes.

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

.. Not available for a specific reference period.

Source: Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables



1.7. Farm gate value¹ of field vegetables by province (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Newfoundland and Labrador	5,486	4,693	5,110	5,535	6,070	0.4%
Prince Edward Island	12,887	13,475	13,635	13,871	11,557	0.8%
Nova Scotia	39,192	32,748	28,986	30,753	29,655	2.1%
New Brunswick	7,665	7,593	7,836	7,348	9,853	0.7%
Quebec	438,579	456,603	490,124	507,230	572,245	40.4%
Ontario	527,179	551,929	567,328	591,933	586,093	41.4%
Manitoba	33,671	30,341	32,995	33,045	29,795	2.1%
Saskatchewan	5,383	5,628	6,801	6,569	5,960	0.4%
Alberta	39,840	47,927	46,798	52,336	54,595	3.9%
British Columbia	101,093	105,904	104,064	113,122	111,012	7.8%
Canada²	1,210,975	1,256,842	1,303,677	1,361,744	1,416,836	100.0%

Notes:

1. Farm-gate value is the value received by producers at the point of first transaction, when ownership first changes hands. This value excludes any separately billed costs such as delivery, storage, marketing and administration.

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

Source: Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables



2. Trade

2.1. Canadian field vegetable^{1,2} trade balance – by value (CAN\$ '000)

	2017	2018	2019	2020	2021
Exports	681,361	738,164	770,685	723,016	764,846
Imports	3,355,483	3,434,219	3,764,987	3,734,732	3,614,262
Trade balance (exports - imports)	-2,674,122	-2,696,055	-2,994,302	-3,011,716	-2,849,416

Notes:

1. Includes frozen vegetables.

2. Excludes greenhouse vegetables, potatoes and mushrooms.

Source: Statistics Canada (CATSNET, May 2022)



2.2. Exports

2.2.1. Canada's field vegetable¹ exports by commodity – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Cabbages ²	49,100	79,292	68,056	67,126	77,142	10.1%
Lettuce ³	56,217	60,274	70,857	66,284	70,059	9.2%
Carrots	64,836	72,067	71,446	66,719	68,884	9.0%
Onions and shallots	54,033	58,831	55,525	56,183	67,909	8.9%
Beans ⁴	66,621	58,373	57,205	56,231	52,435	6.9%
Peppers	34,100	38,449	38,964	42,597	33,415	4.4%
Cauliflowers and headed broccoli	19,888	16,608	30,498	19,553	30,733	4.0%
Sweet potatoes	21,917	26,763	30,175	31,230	29,846	3.9%
Pumpkins, squash and gourds	25,454	23,500	29,247	27,808	27,261	3.6%
Tomatoes	19,499	23,978	27,452	30,460	27,211	3.6%
Sweet corn ⁴	30,593	27,376	23,285	22,969	24,423	3.2%
Cucumbers and gherkins	27,305	25,232	32,309	27,135	18,401	2.4%
Peas ⁴	20,493	19,737	24,074	21,871	15,200	2.0%
Asparagus	7,922	8,348	11,973	7,691	10,205	1.3%
Spinach ⁴	7,286	7,744	7,113	8,870	8,712	1.1%
Aubergines (egg-plants)	5,926	6,157	7,527	11,602	7,489	1.0%
Celery	2,948	4,042	4,842	3,328	5,253	0.7%
Brussels sprouts	4,794	3,556	4,054	4,066	2,926	0.4%
Leeks ⁵	1,988	1,884	1,914	2,601	2,873	0.4%
Garlic	742	695	525	829	996	0.1%
Turnips	1,282	732	784	479	411	0.1%
Other vegetables ⁴	158,417	174,527	172,860	147,383	183,063	23.9%
Total	681,361	738,164	770,685	723,016	764,846	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes kohlrabi and kale and similar edible brassicas.
3. Includes cabbage lettuce (head lettuce).
4. Includes frozen.
5. Includes other alliaceouse vegetables.

Source: Statistics Canada. (CATSNET, May 2022)



2.2.2. Canada's field vegetable¹ exports by commodity – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Carrots	96,754	93,935	100,824	86,143	92,142	14.3%
Cabbages ²	64,622	83,760	71,608	72,027	84,884	13.2%
Onions and shallots	65,029	66,872	61,485	62,009	63,586	9.9%
Sweet potatoes	30,286	36,870	42,236	42,982	40,985	6.4%
Lettuce ³	38,849	37,744	40,306	32,082	39,473	6.1%
Pumpkins, squash and gourds	26,706	32,584	36,836	44,575	37,786	5.9%
Beans ⁴	39,672	35,200	34,264	34,503	33,685	5.2%
Peppers	41,248	39,695	40,740	40,087	32,171	5.0%
Cucumbers and gherkins	37,214	30,849	38,763	31,775	25,591	4.0%
Cauliflowers and headed broccoli	19,786	14,625	23,768	15,410	24,133	3.8%
Sweet corn ⁴	21,476	19,517	17,297	17,583	18,824	2.9%
Tomatoes	14,596	13,703	13,365	8,204	10,868	1.7%
Peas ⁴	12,274	11,530	13,645	12,781	10,324	1.6%
Celery	4,571	5,506	7,910	4,515	6,377	1.0%
Aubergines (egg-plants)	1,675	2,028	2,399	2,885	2,175	0.3%
Asparagus	1,421	1,648	2,087	1,289	1,897	0.3%
Spinach ⁴	1,768	1,886	1,445	1,464	1,613	0.3%
Leeks ⁵	706	671	701	951	947	0.1%
Brussels sprouts	1,850	1,315	1,346	1,428	811	0.1%
Turnips	1,643	661	558	362	331	0.1%
Garlic	226	189	107	147	237	0.0%
Other vegetables ⁴	99,797	107,987	104,895	93,934	114,050	17.8%
Total	622,167	638,774	656,583	607,137	642,442	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes kohlrabi and kale and similar edible brassicas.
3. Includes cabbage lettuce (head lettuce).
4. Includes frozen.
5. Includes other alliaceous vegetables.

Source: Statistics Canada. (CATSNET, May 2022)



2.2.3. Top field vegetable^{1,2} export destinations – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
United States	653,165	705,317	730,279	682,569	723,388	94.6%
Netherlands	17,486	20,866	23,765	23,804	22,703	3.0%
Mexico	134	167	49	145	2,795	0.4%
Israel	1,307	2,159	2,696	2,728	2,542	0.3%
Norway	146	1,633	1,735	2,192	1,923	0.3%
Japan	905	676	4,018	2,004	1,160	0.2%
United Arab Emirates	273	308	215	1,273	952	0.1%
Kuwait	625	621	748	678	772	0.1%
China	1,269	315	973	970	759	0.1%
Spain	0	82	10	15	758	0.1%
Costa Rica	200	307	279	253	689	0.1%
Saint Pierre and Miquelon	627	623	573	570	579	0.1%
Saint Lucia	13	4	22	117	419	0.1%
Egypt	172	0	0	640	385	0.1%
Taiwan	537	356	235	65	357	0.0%
Others	4,499	4,731	5,087	4,992	4,663	0.6%
Total	681,361	738,164	770,685	723,016	764,846	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

2. Includes frozen.

Source: Statistics Canada. (CATSNET, May 2022)



2.2.4. Top field vegetable^{1,2} export destinations – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
United States	587,812	598,177	607,961	556,315	590,647	91.9%
Netherlands	25,051	29,603	34,048	33,993	32,346	5.0%
Israel	1,870	3,080	3,851	3,925	3,636	0.6%
Norway	209	2,325	2,485	3,129	2,732	0.4%
Mexico	234	219	25	207	2,665	0.4%
United Arab Emirates	99	165	109	1,576	1,242	0.2%
Japan	590	445	2,078	1,115	1,126	0.2%
China	1,164	274	1,234	1,115	990	0.2%
Costa Rica	67	149	144	122	514	0.1%
Spain	0	46	14	22	490	0.1%
Nepal	0	0	136	0	431	0.1%
Switzerland	0	0	0	0	418	0.1%
Trinidad and Tobago	329	321	343	474	417	0.1%
Saint Pierre and Miquelon	420	413	396	429	402	0.1%
Kuwait	162	276	365	328	398	0.1%
Others	4,161	3,281	3,393	4,389	3,987	0.6%
Total	622,167	638,774	656,583	607,137	642,442	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

2. Includes frozen.

Source: Statistics Canada. (CATSNET, May 2022)



2.2.5. Destinations of top 5 Canadian field vegetable¹ exports – by value (CAN\$ '000)

		2017	2018	2019	2020	2021
Cabages ²	United States	48,888	79,029	67,802	66,847	76,949
	Trinidad and Tobago	144	132	186	263	186
	France	9	9	6	5	5
	Saint Pierre and Miquelon	1	2	1	2	2
	Barbados	39	119	60	9	0
Lettuce ³	United States	56,118	60,145	70,849	66,187	69,974
	Saint Pierre and Miquelon	2	3	3	18	21
	United Kingdom	0	0	0	2	20
	Trinidad and Tobago	0	0	0	3	8
	France	10	10	5	4	3
Carrots	United States	64,760	71,930	71,381	66,700	68,878
	France	4	4	3	5	3
	Saint Pierre and Miquelon	1	1	1	2	3
	Barbados	71	132	61	9	0
	Jamaica	0	0	0	2	0
Onions and shallots	United States	53,745	58,688	55,289	56,029	67,887
	Jamaica	43	65	8	0	9
	Saint Pierre and Miquelon	1	1	1	6	6
	France	1	2	5	5	6
	Barbados	12	5	4	1	0
Beans ⁴	United States	65,575	58,055	53,634	51,893	50,784
	Cuba	0	0	0	0	39
	France	73	165	54	181	32

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes kohlrabi and kale and similar edible brassicas.
3. Includes cabbage lettuce (head lettuce).
4. Includes frozen.

Source: Statistics Canada. (CATSnet, May 2022)



2.2.6. Destinations of top 5 Canadian field vegetable¹ exports – by volume (metric tons)

		2017	2018	2019	2020	2021
Carrots	United States	96,575	93,614	100,690	86,101	91,999
	France	9	10	8	12	7
	Saint Pierre and Miquelon	1	1	1	5	6
	Barbados	168	309	124	22	0
	Jamaica	0	0	0	3	0
Cabbages ²	United States	64,347	83,506	71,298	71,635	84,563
	Trinidad and Tobago	217	152	246	378	330
	France	6	6	4	3	3
	Saint Pierre and Miquelon	1	1	1	2	1
	Barbados	24	94	60	8	0
Onions and shallots	United States	64,676	66,650	61,217	61,797	63,275
	Jamaica	98	133	27	0	10
	Saint Pierre and Miquelon	1	1	1	5	6
	France	1	2	6	6	7
	Barbados	14	6	4	1	0
Sweet potatoes	Netherlands	25,051	29,504	34,048	33,888	32,292
	Israel	1,870	3,080	3,834	3,925	3,636
	United States	2,365	1,488	1,798	1,889	1,848
	Norway	209	2,325	2,485	3,129	2,732
	Switzerland	0	0	0	0	418
Lettuce ³	United States	38,757	37,624	40,299	31,990	39,388
	Saint Pierre and Miquelon	2	3	2	17	20
	United Kingdom	0	0	0	3	19
	Trinidad and Tobago	0	0	0	4	13
	France	9	9	5	3	3

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes kohlrabi and kale and similar edible brassicas.
3. Includes cabbage lettuce (head lettuce).

Source: Statistics Canada. (CATSNET, May 2022)



2.3 Imports

2.3.1. Canada's field vegetable¹ imports by commodity – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Lettuce ²	551,042	539,261	581,568	575,354	559,200	15.5%
Cabbages ³	374,847	380,289	416,774	407,352	419,161	11.6%
Onions and shallots	178,611	193,406	237,177	215,342	236,781	6.6%
Tomatoes	234,159	266,115	270,662	265,225	230,250	6.4%
Peppers	182,789	206,548	232,760	226,843	228,068	6.3%
Cauliflowers and headed broccoli	189,110	188,498	200,784	199,545	192,265	5.3%
Spinach ⁴	161,440	161,820	159,619	166,838	157,002	4.3%
Carrots	139,341	150,872	147,874	149,821	142,246	3.9%
Asparagus	111,090	110,175	110,189	116,354	111,175	3.1%
Beans ⁴	94,277	101,285	108,001	111,525	105,385	2.9%
Celery	91,787	85,828	145,122	94,942	87,288	2.4%
Peas ⁴	85,693	90,375	89,320	88,652	85,475	2.4%
Sweet corn ⁴	75,121	68,333	70,552	78,758	81,325	2.3%
Sweet potatoes	60,359	66,581	75,102	86,688	77,925	2.2%
Pumpkins, squash and gourds	74,870	74,239	74,499	89,611	73,917	2.0%
Garlic	62,931	48,607	60,495	73,144	70,507	2.0%
Eggplants (aubergines)	37,362	35,362	41,242	48,506	45,738	1.3%
Yams ⁴	35,413	31,054	39,841	47,206	41,035	1.1%
Brussels sprouts	28,067	27,331	33,688	35,191	34,024	0.9%
Cucumbers and gherkins	43,157	44,622	41,820	40,673	33,645	0.9%
Bamboo shoots and cactus leaves	26,582	28,102	29,617	29,599	29,119	0.8%
Okra	21,528	20,468	23,846	27,005	27,365	0.8%
Radishes	16,077	16,763	19,231	20,591	21,211	0.6%
Parsely	17,892	18,036	19,565	19,191	19,465	0.5%
Leeks	11,717	11,510	13,945	15,091	15,596	0.4%
Other vegetables ⁴	450,223	468,739	521,695	505,687	489,095	13.5%
Total	3,355,483	3,434,219	3,764,987	3,734,732	3,614,262	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes cabbage lettuce (head lettuce).
3. Includes kohlrabi and kale and similar edible brassicas.
4. Includes frozen.

Source: Statistics Canada. (CATSNET, May 2022)



2.3.2. Canada's field vegetable¹ imports by commodity – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Lettuce ²	278,990	271,831	278,521	257,051	267,154	13.5%
Onions and shallots	179,212	187,087	206,850	210,754	248,445	12.6%
Cabbages ³	169,557	176,504	188,418	178,686	188,966	9.5%
Tomatoes	137,017	158,823	151,989	121,450	125,371	6.3%
Cauliflowers and headed broccoli	105,024	110,080	110,568	109,012	124,844	6.3%
Carrots	112,982	115,073	109,786	107,915	109,757	5.5%
Peppers	89,891	91,695	98,748	89,950	100,527	5.1%
Celery	86,871	88,271	81,683	92,649	87,046	4.4%
Sweet potatoes	66,242	72,402	68,573	76,285	81,274	4.1%
Sweet corn ⁴	64,505	58,542	59,995	51,670	64,295	3.2%
Pumpkins, squash and gourds	56,589	55,580	57,611	60,003	59,562	3.0%
Spinach ⁴	46,588	46,620	45,947	47,969	48,419	2.4%
Beans ⁴	38,450	40,530	42,531	41,446	38,529	1.9%
Eggplants (aubergines)	25,095	25,253	26,217	27,374	28,211	1.4%
Asparagus	20,118	24,015	23,421	24,852	27,496	1.4%
Cucumbers and gherkins	30,934	30,566	28,664	29,106	26,774	1.4%
Peas ⁴	19,414	21,643	21,314	22,645	24,621	1.2%
Garlic	18,648	21,391	20,685	24,240	22,921	1.2%
Yams ⁴	20,296	17,128	19,437	20,206	19,951	1.0%
Radishes	14,922	15,773	17,724	18,213	17,858	0.9%
Bamboo shoots and cactus leaves	12,701	12,985	13,474	14,145	14,666	0.7%
Brussels sprouts	9,318	10,466	10,475	11,897	12,626	0.6%
Parsley	9,716	9,596	10,045	9,180	8,872	0.4%
Okra	6,776	7,049	7,709	7,507	8,101	0.4%
Leeks	5,623	5,348	6,397	6,746	6,463	0.3%
Other vegetables ⁴	180,815	198,060	230,725	209,188	216,842	11.0%
Total	1,806,293	1,872,312	1,937,506	1,870,141	1,979,591	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes cabbage lettuce (head lettuce).
3. Includes kohlrabi and kale and similar edible brassicas.
4. Includes frozen.

Source: Statistics Canada. (CATSNET, May 2022)



2.3.3. Top field vegetable¹ import sources – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
United States	2,220,727	2,214,241	2,373,838	2,312,460	2,224,413	61.5%
Mexico	676,815	757,725	856,244	860,489	842,014	23.3%
China	176,796	148,401	161,401	166,899	160,488	4.4%
Guatemala	28,233	38,580	48,821	57,916	56,120	1.6%
Peru	47,078	42,386	41,484	47,752	40,159	1.1%
Spain	30,969	37,506	51,925	45,172	35,833	1.0%
Honduras	20,658	22,002	28,462	32,855	32,244	0.9%
India	17,823	19,647	24,195	25,217	29,299	0.8%
Belgium	8,218	13,237	20,908	20,541	21,931	0.6%
Ecuador	5,657	7,889	15,700	18,803	15,134	0.4%
Dominican Republic	16,692	12,499	11,796	12,093	12,325	0.3%
Jamaica	8,534	9,279	10,120	12,040	11,798	0.3%
Costa Rica	9,583	10,316	11,126	9,374	10,845	0.3%
Poland	6,727	9,489	9,399	8,933	10,330	0.3%
Nicaragua	5,967	5,919	7,237	9,500	9,945	0.3%
Others	75,005	85,102	92,331	94,688	101,382	2.8%
Total	3,355,483	3,434,219	3,764,987	3,734,732	3,614,262	100.0%

Note:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

Source: Statistics Canada. (CATSNET, May 2022)



2.3.4. Top field vegetable¹ import sources – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
United States	1,247,350	1,255,960	1,265,408	1,217,307	1,300,530	65.7%
Mexico	368,698	406,596	428,777	413,798	439,558	22.2%
China	74,042	79,022	88,003	85,455	78,664	4.0%
Spain	13,308	16,912	23,287	20,694	17,676	0.9%
Belgium	4,173	8,001	13,456	12,986	14,192	0.7%
Honduras	8,941	9,732	12,103	12,288	13,208	0.7%
Peru	11,221	11,754	11,887	13,649	12,823	0.6%
Guatemala	7,480	10,960	12,830	12,443	11,787	0.6%
India	5,784	6,610	8,343	8,697	10,199	0.5%
Costa Rica	7,642	7,805	7,692	8,128	9,944	0.5%
Poland	5,384	7,125	8,086	7,009	8,890	0.4%
Ecuador	2,667	3,756	7,471	8,936	7,453	0.4%
Dominican Republic	10,841	8,196	7,765	6,895	6,593	0.3%
Turkey	823	664	786	1,024	4,845	0.2%
Israel	7,015	5,715	5,067	3,830	4,473	0.2%
Others	30,922	33,506	36,546	37,002	38,756	2.0%
Total	1,806,293	1,872,312	1,937,506	1,870,141	1,979,591	100.0%

Note:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

Source: Statistics Canada. (CATSNET, May 2022)



2.3.5. Sources of top 5 Canadian field vegetable¹ imports – by value (CAN\$ '000)

		2017	2018	2019	2020	2021
Lettuce ²	United States	538,905	524,049	559,615	553,219	524,457
	Mexico	9,702	13,376	19,638	20,263	33,418
	China	614	684	1,128	1,038	446
	Spain	1,126	379	366	157	313
	Netherlands	203	97	124	82	178
Cabbages ³	United States	314,193	314,624	329,457	312,055	333,278
	Mexico	55,540	58,571	76,163	84,247	76,863
	Guatemala	59	16	957	4,940	5,233
	China	2,551	2,802	3,185	3,078	2,177
	Spain	1,530	3,185	5,206	1,745	793
Onions and shallots	United States	117,023	122,495	158,035	140,266	161,431
	Mexico	49,095	55,506	63,171	57,843	56,047
	Peru	6,699	7,060	7,596	9,601	9,046
	Spain	1,021	1,505	1,454	1,531	2,056
	Netherlands	1,326	2,377	959	1,732	1,994
Tomatoes	Mexico	133,111	171,119	173,171	160,415	143,927
	United States	98,134	93,246	94,456	101,095	84,881
	Guatemala	554	857	2,522	2,869	1,321
	Dominican Republic	526	255	27	56	120
	New Zealand	518	450	484	746	0
Peppers	Mexico	85,148	104,384	119,653	112,997	132,305
	United States of America	71,818	72,077	73,886	78,495	67,165
	Honduras	7,331	7,159	10,313	11,551	10,058
	Spain	7,888	10,356	16,844	12,311	7,928
	Dominican Republic	5,457	4,546	4,094	5,785	6,641

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes cabbage lettuce (head lettuce).
3. Includes kohlrabi and kale and similar edible brassicas.

Source: Statistics Canada. (CATSNET, May 2022)



2.3.6. Sources of top 5 Canadian field vegetable¹ imports – by volume (metric tons)

		2017	2018	2019	2020	2021
Lettuce ²	United States	271,701	263,431	268,010	246,907	253,074
	Mexico	6,270	7,623	9,493	9,379	13,624
	China	334	393	668	536	230
	Netherlands	55	23	26	20	71
	Spain	455	136	116	48	56
Onions and shallots	United States	145,643	148,853	168,571	171,352	204,960
	Mexico	23,996	27,041	27,202	26,920	29,109
	Peru	4,386	4,555	4,708	5,942	5,718
	Spain	1,327	2,236	1,777	2,249	3,205
	Netherlands	1,633	2,102	591	1,543	2,184
Cabbages ³	United States	126,373	127,123	131,223	121,397	133,051
	Mexico	37,346	42,043	46,277	50,028	51,446
	China	3,945	4,116	5,117	3,944	2,325
	Guatemala	25	5	167	863	961
	Spain	868	1,928	3,438	1,302	501
Tomatoes	Mexico	73,769	94,386	92,993	72,432	76,626
	United States	62,029	63,644	57,771	47,759	48,241
	Guatemala	259	336	1,045	947	387
	Dominican Republic	253	128	9	38	116
	New Zealand	288	240	169	252	0
Cauliflowers and headed broccoli	United States	89,224	96,307	91,899	89,115	103,880
	Mexico	14,720	12,987	17,045	18,645	20,435
	Spain	603	496	1,231	809	439
	China	241	159	262	162	52
	Guatemala	3	0	56	249	17

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.
2. Includes cabbage lettuce (head lettuce).
3. Includes kohlrabi and kale and similar edible brassicas.

Source: Statistics Canada. (CATSNET, May 2022)



3. Availability for consumption

3.1. Fresh vegetable available¹ for consumption² in Canada (kilograms per person)

	2017	2018	2019	2020	2021	2021 % Share
Onions and shallots fresh	8.68	8.44	8.86	9.56	9.31	13.3%
Lettuce fresh ³	8.48	8.20	8.29	7.44	7.84	11.2%
Tomatoes fresh ³	7.88	8.42	7.87	7.08	7.23	10.3%
Carrots fresh	7.19	7.27	6.46	6.70	6.40	9.1%
Peppers fresh ³	4.36	4.33	4.31	3.95	4.77	6.8%
Cabbage fresh	4.00	4.26	4.50	4.36	4.22	6.0%
Cauliflower fresh	2.88	3.01	2.80	2.87	3.02	4.3%
Pumpkins and squash fresh	3.44	3.20	3.17	3.45	2.99	4.3%
Corn fresh	3.01	2.84	2.78	2.60	2.93	4.2%
Cucumbers fresh ³	3.18	3.56	3.24	3.41	2.87	4.1%
Celery fresh	2.80	2.69	2.43	2.77	2.61	3.7%
Broccoli fresh	2.31	2.45	2.37	2.29	2.49	3.6%
Mushrooms fresh	2.16	2.13	2.10	1.86	1.70	2.4%
Chinese cabbage fresh ⁴	0.94	1.62	1.69	1.64	1.69	2.4%
Potatoes sweet fresh	1.13	1.11	0.89	1.00	1.23	1.8%
Beets fresh	0.98	0.97	0.94	0.91	0.97	1.4%
Spinach fresh	0.97	0.94	0.92	0.93	0.97	1.4%
Rutabagas and turnips fresh	0.98	1.17	0.91	0.97	0.95	1.4%
Beans green and wax fresh	0.86	0.89	0.92	0.86	0.88	1.3%
Asparagus fresh	0.68	0.75	0.75	0.74	0.81	1.2%

Notes:

1. Food available per person is calculated by dividing the domestic disappearance by the Canadian population as of July 1st of the reference year, at the retail level.

Domestic disappearance represents the total food available for human consumption from the Canadian food supply chain.

Total Supply = Beginning stocks + Production + Imports

Domestic Disappearance = Total supply – Exports – Manufacturing - Waste - Ending stocks

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

3. Includes greenhouse vegetables.

4. "Chinese cabbage fresh" is included in cabbage.

Source: Statistics Canada. Table 32-10-0054-01 Food available in Canada

...cont'd



3.1. Fresh vegetable available¹ for consumption² in Canada (kilograms per person) – cont'd

	2017	2018	2019	2020	2021	2021 % Share
Kale fresh ³	..	0.79	0.77	0.68	0.71	1.0%
Eggplants fresh	0.58	0.62	0.63	0.63	0.68	1.0%
Garlic fresh	0.44	0.49	0.47	0.55	0.52	0.7%
Brussels sprouts fresh	0.29	0.34	0.33	0.38	0.39	0.6%
Radishes fresh	0.44	0.35	0.37	0.44	0.32	0.5%
Leeks fresh	0.27	0.27	0.30	0.31	0.30	0.4%
Parsley fresh	0.32	0.30	0.30	0.27	0.26	0.4%
Peas fresh	0.31	0.32	0.26	0.22	0.21	0.3%
Okra fresh	0.16	0.17	0.18	0.17	0.19	0.3%
Rappini fresh	0.21	0.18	0.18	0.17	0.17	0.2%
Manioc fresh	0.11	0.12	0.13	0.16	0.16	0.2%
Parsnips fresh	0.23	0.19	0.16	0.16	0.13	0.2%
Other edible roots fresh	0.06	0.05	0.06	0.05	0.07	0.1%
Artichokes fresh	0.03	0.04	0.03	0.04	0.04	0.1%
Olives fresh	0.01	0.00	0.01	0.01	0.00	0.0%
Kohlrabi fresh	0.88	..	..	..	..	..
Total	71.25	72.48	70.38	69.63	70.03	100.0%

Notes:

1. Food available per person is calculated by dividing the domestic disappearance by the Canadian population as of July 1st of the reference year, at the retail level.

Domestic disappearance represents the total food available for human consumption from the Canadian food supply chain.

Total Supply = Beginning stocks + Production + Imports

Domestic Disappearance = Total supply – Exports – Manufacturing - Waste - Ending stocks

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

3. "Kale fresh" is included in cabbage.

.. Data not available for a specific period.

Source: Statistics Canada. Table 32-10-0054-01 Food available in Canada



3.2. Fresh vegetable available¹ for consumption adjusted for losses² in Canada (kilograms per person)

	2017	2018	2019	2020	2021	2021 % Share
Tomatoes fresh ³	5.71	6.10	5.70	5.13	5.24	15.3%
Onions and shallots fresh	4.16	4.05	4.25	4.59	4.47	13.1%
Lettuce fresh ³	4.53	4.38	4.42	3.98	4.19	12.2%
Carrots fresh	3.92	3.96	3.52	3.65	3.49	10.2%
Cabbage fresh	2.25	2.40	2.53	2.45	2.37	6.9%
Peppers fresh ³	1.95	1.94	1.92	1.76	2.13	6.2%
Celery fresh	1.39	1.34	1.21	1.37	1.30	3.8%
Broccoli fresh	1.16	1.23	1.19	1.15	1.25	3.6%
Cucumbers fresh ³	1.39	1.55	1.41	1.49	1.25	3.6%
Mushrooms fresh	1.37	1.35	1.33	1.18	1.08	3.2%
Chinese cabbage fresh ⁴	0.53	0.91	0.95	0.93	0.95	2.8%
Cauliflower fresh	0.85	0.88	0.82	0.84	0.89	2.6%
Corn fresh	0.72	0.68	0.67	0.62	0.70	2.0%
Beets fresh	0.54	0.53	0.51	0.50	0.53	1.5%
Pumpkins and squash fresh	0.61	0.57	0.56	0.61	0.53	1.5%
Spinach fresh	0.52	0.50	0.49	0.50	0.52	1.5%
Potatoes sweet fresh	0.44	0.43	0.34	0.39	0.48	1.4%
Beans green and wax fresh	0.45	0.47	0.48	0.45	0.46	1.3%
Eggplants fresh	0.27	0.30	0.30	0.30	0.32	0.9%
Asparagus fresh	0.25	0.28	0.27	0.27	0.30	0.9%
Brussels sprouts fresh	0.22	0.25	0.25	0.28	0.29	0.8%
Garlic fresh	0.21	0.23	0.22	0.26	0.25	0.7%

Notes:

1. Food available per person is calculated by dividing the domestic disappearance by the Canadian population as of July 1st of the reference year, at the retail level.

Domestic disappearance represents the total food available for human consumption from the Canadian food supply chain.

Total Supply = Beginning stocks + Production + Imports

Domestic Disappearance = Total supply – Exports – Manufacturing - Waste - Ending stocks

2. Experimental, use with caution. The data have been adjusted for retail, household, cooking and plate loss.

3. Includes greenhouse vegetables.

4. "Chinese cabbage fresh" is included in cabbage.

Source: Statistics Canada. Table 32-10-0054-01 Food available in Canada

...cont'd



3.2. Fresh vegetable available¹ for consumption adjusted for losses² in Canada (kilograms per person) - cont'd

	2017	2018	2019	2020	2021	2021 % Share
Kale fresh ³	..	0.22	0.21	0.19	0.20	0.6%
Rutabagas and turnips fresh	0.16	0.19	0.15	0.16	0.15	0.4%
Leeks fresh	0.13	0.13	0.14	0.15	0.14	0.4%
Parsley fresh	0.16	0.15	0.15	0.14	0.13	0.4%
Radishes fresh	0.16	0.13	0.13	0.16	0.12	0.4%
Manioc fresh	0.07	0.08	0.09	0.11	0.11	0.3%
Peas fresh	0.16	0.17	0.14	0.12	0.11	0.3%
Rappini fresh	0.11	0.09	0.10	0.09	0.09	0.3%
Okra fresh	0.07	0.07	0.07	0.07	0.08	0.2%
Parsnips fresh	0.13	0.10	0.09	0.09	0.07	0.2%
Other edible roots fresh	0.04	0.03	0.05	0.04	0.05	0.1%
Artichokes fresh	0.01	0.01	0.01	0.01	0.01	0.0%
Kohlrabi fresh	0.62	..	..	..	..	..
Total	35.26	35.70	34.67	34.03	34.25	100.0%

Notes:

1. Food available per person is calculated by dividing the domestic disappearance by the Canadian population as of July 1st of the reference year, at the retail level.

Domestic disappearance represents the total food available for human consumption from the Canadian food supply chain.

Total Supply = Beginning stocks + Production + Imports

Domestic Disappearance = Total supply – Exports – Manufacturing - Waste - Ending stocks

2. Experimental, use with caution. The data have been adjusted for retail, household, cooking and plate loss.

3. "Kale fresh" is included in cabbage.

.. Data not available a specific reference period.

Source: Statistics Canada. Table 32-10-0054-01 Food available in Canada



4. World data

4.1. World production

4.1.1. World fresh vegetable production^{1,2,3} by commodity – by volume (thousands of metric tons)

	2016	2017	2018	2019	2020	2020 % Share
Tomatoes	177,383	178,024	180,231	183,015	186,821	16.3%
Onions, dry	94,949	96,780	96,879	99,521	104,554	9.1%
Cucumbers and gherkins	80,778	82,294	84,864	87,976	91,258	7.9%
Cabbages and other brassicas	70,846	71,059	69,592	70,259	70,862	6.2%
Eggplants (aubergines)	51,680	52,883	54,122	55,377	56,619	4.9%
Mushrooms and truffles	38,661	39,857	40,600	41,736	42,793	3.7%
Carrots and turnips	39,626	40,345	39,793	41,249	40,952	3.6%
Chillies and peppers, green	33,607	35,028	35,717	36,026	36,137	3.1%
Spinach	26,706	27,794	28,962	30,132	30,995	2.7%
Garlic	25,853	26,473	26,990	28,043	28,054	2.4%
Pumpkins, squash and gourds	26,217	26,634	27,116	27,299	27,963	2.4%
Lettuce and chicory	26,355	26,657	27,064	27,285	27,660	2.4%
Cauliflowers and broccoli	24,444	25,207	25,321	25,786	25,531	2.2%
Beans, green	22,377	22,712	23,332	22,950	23,277	2.0%
Peas, green	18,623	19,269	19,463	19,564	19,867	1.7%
Okra	8,830	9,156	9,575	9,957	10,549	0.9%
Maize, green	11,498	11,469	9,035	8,765	8,773	0.8%
Asparagus	8,267	8,388	8,513	8,404	8,452	0.7%
Onions, shallots, green	4,581	4,674	4,569	4,360	4,453	0.4%
Leeks, other alliaceous vegetables	2,119	2,172	2,119	2,150	2,120	0.2%
Vegetables, leguminous nes ⁴	1,541	1,527	1,627	1,528	1,597	0.1%
Artichokes	1,412	1,660	1,629	1,583	1,517	0.1%
String beans	1,919	1,925	1,445	1,445	1,389	0.1%
Cassava leaves	84	84	85	84	84	0.0%
Vegetables, fresh nes ⁴	289,472	297,274	292,402	295,179	296,169	25.8%
Total	1,087,829	1,109,345	1,111,046	1,129,673	1,148,446	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2021 was not yet available at the time of writing this report.
4. nes: Not elsewhere specified.

Source: Food and Agriculture Organization (FAO) of the United Nations | © FAO Statistics Division 2022



4.1.2. World fresh vegetable production^{1,2,3} by country – by volume (thousands of metric tons)

	2016	2017	2018	2019	2020	2020 % Share
China	557,352	573,645	578,575	584,809	594,049	51.7%
India	125,447	131,334	135,591	137,402	141,195	12.3%
United States	34,135	32,079	31,732	32,983	33,124	2.9%
Turkey	24,421	24,923	24,173	25,382	25,961	2.3%
Viet Nam	15,193	15,717	16,264	16,671	17,002	1.5%
Egypt	15,257	15,517	15,385	16,007	16,135	1.4%
Nigeria	14,124	14,596	15,435	15,779	15,706	1.4%
Mexico	14,250	15,435	16,087	15,132	15,098	1.3%
Russia	13,191	13,629	13,716	14,153	13,951	1.2%
Spain	13,137	13,147	12,455	13,259	12,669	1.1%
Iran	13,391	10,832	10,632	11,474	12,623	1.1%
Indonesia	10,887	11,384	11,755	11,968	12,582	1.1%
Italy	13,047	12,487	10,352	10,437	10,849	0.9%
Japan	10,224	10,256	10,120	10,389	10,222	0.9%
Uzbekistan	11,237	10,096	9,123	9,975	9,904	0.9%
Ukraine	9,498	9,304	9,458	9,707	9,675	0.8%
South Korea	9,094	9,619	10,178	9,664	9,477	0.8%
Brazil	8,901	8,925	8,765	8,576	8,374	0.7%
Algeria	6,447	6,524	6,909	7,294	7,986	0.7%
Bangladesh	5,204	5,824	5,759	6,301	7,139	0.6%
Philippines	6,492	6,631	6,550	6,622	6,624	0.6%
Pakistan	4,937	5,049	5,456	5,463	5,573	0.5%
Netherlands	4,973	5,431	4,681	5,369	5,293	0.5%
Myanmar	4,845	4,756	4,783	4,782	4,820	0.4%
Kazakhstan	3,766	3,760	4,006	4,272	4,451	0.4%
...						
Canada⁴	2,349	2,319	2,287	2,287	2,241	0.2%
Total	1,087,829	1,109,345	1,111,046	1,129,673	1,148,446	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2021 was not yet available at the time of writing this report.
4. In 2020, Canada ranked as the 48th largest global producer of vegetables by volume.

Source: Food and Agriculture Organization (FAO) of the United Nations | © FAO Statistics Division 2022



4.1.3. World fresh vegetable production^{1,2,3} by commodity – by area (hectares)

	2016	2017	2018	2019	2020	2020 % Share
Onions, dry	5,076,328	5,144,037	5,146,725	5,152,420	5,478,651	9.4%
Tomatoes	4,854,457	4,876,142	5,004,555	4,999,181	5,051,983	8.7%
Okra	2,166,811	2,141,973	2,454,500	2,528,065	2,531,557	4.3%
Peas, green	2,400,926	2,457,804	2,498,791	2,495,074	2,531,503	4.3%
Cabbages and other brassicas	2,424,564	2,424,482	2,407,529	2,413,686	2,414,288	4.1%
Cucumbers and gherkins	2,196,558	2,177,465	2,156,042	2,210,939	2,261,318	3.9%
Chillies and peppers, green	1,913,487	1,948,488	1,986,279	1,963,089	2,069,990	3.6%
Pumpkins, squash and gourds	1,939,120	1,985,264	1,981,331	1,980,450	2,019,564	3.5%
Eggplants (aubergines)	1,782,236	1,849,441	1,844,211	1,846,564	1,876,710	3.2%
Garlic	1,492,411	1,544,611	1,585,933	1,629,344	1,631,869	2.8%
Beans, green	1,527,479	1,545,165	1,560,043	1,548,089	1,579,489	2.7%
Asparagus	1,562,376	1,530,886	1,550,165	1,551,246	1,546,315	2.7%
Cauliflowers and broccoli	1,307,782	1,357,462	1,356,858	1,360,864	1,357,186	2.3%
Lettuce and chicory	1,204,427	1,223,888	1,235,748	1,221,200	1,226,370	2.1%
Carrots and turnips	1,144,231	1,154,932	1,122,447	1,141,436	1,125,644	1.9%
Maize, green	1,171,355	1,176,483	1,096,998	1,017,852	1,016,651	1.7%
Spinach	907,420	914,370	922,173	928,545	920,804	1.6%
Mushrooms and truffles	153,722	164,993	189,241	218,611	276,951	0.5%
Vegetables, leguminous nes ⁴	240,547	238,081	239,749	241,611	255,359	0.4%
Onions, shallots, green	222,036	227,667	223,696	214,335	208,347	0.4%
String beans	200,406	191,165	157,276	143,164	146,350	0.3%
Leeks, other alliaceous vegetables	131,649	136,468	136,556	133,480	133,553	0.2%
Artichokes	122,310	129,314	124,879	121,797	115,897	0.2%
Cassava leaves	7,742	7,750	7,842	7,778	7,790	0.0%
Vegetables, fresh nes ⁴	20,187,413	20,374,746	20,409,735	20,456,197	20,513,861	35.2%
Total	56,337,793	56,923,077	57,399,302	57,525,017	58,298,000	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2021 was not yet available at the time of writing this report.
4. nes: Not elsewhere specified.

Source: Food and Agriculture Organization (FAO) of the United Nations | © FAO Statistics Division 2022



4.1.4. World fresh vegetable production^{1,2,3} by country – by area (hectares)

	2016	2017	2018	2019	2020	2020 % Share
China	22,863,161	23,046,189	23,215,444	23,127,329	23,221,660	39.8%
India	8,517,322	8,765,605	8,946,159	8,991,794	9,138,225	15.7%
Nigeria	3,558,368	3,662,188	4,122,374	4,161,467	4,222,093	7.2%
Indonesia	1,077,575	1,172,543	1,176,053	1,132,232	1,187,013	2.0%
Viet Nam	955,311	984,607	1,006,559	990,900	996,741	1.7%
United States	992,339	962,542	934,849	860,051	848,827	1.5%
Cameroon	707,370	742,896	716,316	739,785	760,092	1.3%
Philippines	745,919	758,381	752,089	755,891	754,988	1.3%
Turkey	726,228	737,995	704,075	720,039	744,527	1.3%
Bangladesh	572,895	616,549	616,749	651,082	725,428	1.2%
Mexico	707,232	697,268	697,343	673,013	692,770	1.2%
Egypt	617,578	618,832	624,045	647,218	654,345	1.1%
Russia	552,969	549,732	562,104	579,085	629,459	1.1%
Ukraine	451,794	446,613	440,506	452,703	465,118	0.8%
Tanzania	406,184	417,945	420,223	414,783	417,652	0.7%
Pakistan	405,630	407,346	421,370	411,980	413,695	0.7%
Iran	459,713	354,261	344,370	367,678	396,311	0.7%
Japan	375,389	374,593	373,461	372,037	372,373	0.6%
Myanmar	375,062	367,737	371,523	373,068	371,406	0.6%
Thailand	363,668	365,170	366,514	364,884	361,639	0.6%
Brazil	363,441	356,264	350,002	346,401	344,858	0.6%
Italy	476,762	463,926	334,230	337,350	331,240	0.6%
Spain	327,119	330,669	313,650	323,960	325,710	0.6%
Ethiopia	300,422	309,712	311,791	315,770	324,324	0.6%
Algeria	295,858	295,736	299,308	304,359	314,988	0.5%
..						
Canada⁴	98,387	92,477	91,348	89,421	88,622	0.2%
Total	56,337,793	56,923,077	57,399,302	57,525,017	58,298,000	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2021 was not yet available at the time of writing this report.
4. In 2020, Canada ranked as the 48th largest global producer of vegetables by volume.

Source: Food and Agriculture Organization (FAO) of the United Nations | © FAO Statistics Division 2022



4.2. World trade

4.2.1. Top importers of fresh vegetables^{1,2} worldwide – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
United States	10,507,922	11,064,739	12,153,232	13,680,463	13,489,736	23.1%
Germany	6,644,541	6,891,988	6,944,456	7,708,424	7,895,592	13.5%
United Kingdom	4,030,214	4,286,384	4,320,309	4,335,325	3,843,324	6.6%
France	3,226,818	3,216,308	3,263,997	3,484,916	3,558,622	6.1%
Canada	3,278,247	3,310,156	3,583,412	3,567,629	3,504,083	6.0%
Netherlands	2,436,070	2,426,831	2,542,472	2,585,089	2,756,867	4.7%
Russia	1,846,241	1,887,909	2,012,537	1,888,961	1,701,733	2.9%
Belgium	1,324,487	1,231,333	1,236,616	1,335,106	1,337,967	2.3%
Poland	887,139	973,920	1,140,615	1,195,120	1,275,907	2.2%
Italy	1,040,880	1,045,036	1,234,674	1,117,555	1,141,612	2.0%
Hong Kong	592,635	545,081	673,303	934,201	998,741	1.7%
Spain	825,542	926,634	945,187	948,354	967,180	1.7%
Japan	1,089,244	1,181,194	1,053,748	974,680	940,668	1.6%
Indonesia	856,993	747,838	804,985	903,565	935,679	1.6%
Malaysia	855,448	773,479	764,327	841,201	889,797	1.5%
Others	12,165,545	12,170,246	13,172,990	13,673,161	13,214,977	22.6%
Total	51,607,966	52,679,076	55,846,860	59,173,750	58,452,485	100.0%

Notes:

1. Does not include potatoes.

2. Includes greenhouse vegetables and mushrooms.

Source: Global Trade Tracker. (May 2022)



4.2.2. Top importers of fresh vegetables^{1,2} worldwide – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
United States	6,854,776	7,174,573	7,471,782	7,625,677	8,238,603	21.1%
Germany	3,281,295	3,307,256	3,374,409	3,510,698	3,512,672	9.0%
France	1,877,995	1,947,536	1,910,436	1,890,644	1,957,746	5.0%
Canada	1,699,506	1,752,649	1,782,720	1,725,151	1,833,671	4.7%
United Kingdom	2,188,916	2,272,553	2,310,233	2,179,618	1,814,115	4.6%
Netherlands	1,319,181	1,407,602	1,503,377	1,410,912	1,595,924	4.1%
Russian Federation	1,710,313	1,667,893	1,676,149	1,540,829	1,484,929	3.8%
Belgium	1,202,216	1,103,117	1,101,350	1,144,014	1,184,633	3.0%
Malaysia	1,190,546	1,189,796	1,102,400	1,079,029	1,131,145	2.9%
Saudi Arabia	762,427	771,703	1,011,353	954,770	943,196	2.4%
Hong Kong	853,928	780,378	804,569	909,812	916,630	2.3%
Poland	562,521	616,817	830,814	773,459	778,052	2.0%
Indonesia	715,866	716,714	591,427	735,244	730,413	1.9%
Pakistan	192,058	339,182	478,940	745,770	710,830	1.8%
Spain	545,600	655,786	679,605	648,452	701,737	1.8%
Others	11,411,428	11,812,008	12,158,936	12,017,528	11,518,401	29.5%
Total	36,368,572	37,515,563	38,788,500	38,891,607	39,052,697	100.0%

Notes:

1. Does not include potatoes.
2. Includes greenhouse vegetables and mushrooms.

Source: Global Trade Tracker. (May 2022)



4.2.3. Top selected fresh vegetable^{1,2,3} imports worldwide – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Tomatoes	11,497,481	11,761,857	11,816,511	12,822,218	12,624,465	21.6%
Peppers	6,769,065	7,078,902	7,509,178	8,218,279	8,143,665	13.9%
Onions and shallots	3,574,546	3,718,148	4,604,971	4,213,199	3,895,921	6.7%
Cucumbers and gherkins	3,259,544	3,575,202	3,562,651	3,871,941	3,868,895	6.6%
Lettuce ⁴	3,235,573	3,279,080	3,442,364	3,431,081	3,569,577	6.1%
Garlic	3,420,577	2,582,746	3,038,285	3,794,028	3,457,763	5.9%
Mushrooms	2,388,219	2,544,154	2,663,514	2,689,016	2,718,310	4.7%
Cabbages, kohlrabi and kale ⁵	2,370,306	2,303,159	2,595,662	2,700,054	2,655,458	4.5%
Asparagus	2,011,346	1,984,387	2,062,896	2,000,422	2,133,282	3.6%
Pumpkins, squash and gourds	1,791,125	1,789,018	1,859,694	2,236,391	1,970,241	3.4%
Cauliflowers and headed broccoli	1,472,392	1,539,020	1,690,546	1,814,310	1,797,115	3.1%
Carrots and turnips	1,405,118	1,764,950	1,651,370	1,590,666	1,538,642	2.6%
Beans	1,300,997	1,420,845	1,339,260	1,436,847	1,422,420	2.4%
Aubergines "eggplants"	659,151	644,374	668,619	756,879	706,447	1.2%
Peas	523,601	564,821	569,017	605,190	613,438	1.0%
Spinach	436,921	446,745	519,647	584,445	609,589	1.0%
Leeks ⁶	539,103	535,452	519,289	491,839	578,852	1.0%
Celery	366,166	356,607	527,150	481,811	457,122	0.8%
Chicory and witloof chicory	347,026	351,106	333,007	318,628	318,065	0.5%
Brussels sprouts	249,940	247,560	273,886	303,417	313,160	0.5%
Olives	85,158	87,164	121,951	99,629	125,085	0.2%
Leguminous vegetables, nes ⁷	108,188	115,730	115,651	102,682	99,761	0.2%
Globe artichokes	100,466	86,806	98,565	89,997	92,335	0.2%
Other vegetables, nes ⁷	3,694,239	3,898,879	4,260,849	4,519,655	4,742,285	8.1%
Total	51,607,964	52,679,081	55,846,865	59,173,751	58,452,480	100.0%

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.
2. Includes greenhouse vegetables and mushrooms.
3. Does not include potatoes.
4. Includes cabbage lettuce.
5. Includes similar brassicas but excludes cauliflowers, headed broccoli and brussels sprouts.
6. Includes other alliaceous vegetables.
7. nes: Not elsewhere specified.

Source: Global Trade Tracker. (May 2022)



4.2.4. Top selected fresh vegetable^{1,2,3} imports worldwide – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Tomatoes	6,665,848	6,936,633	7,040,464	6,986,659	7,155,138	18.3%
Onions and shallots	6,390,163	6,449,706	7,121,294	6,754,996	6,296,624	16.1%
Peppers	3,306,569	3,526,957	3,563,947	3,688,863	3,834,571	9.8%
Cucumbers and gherkins	2,608,235	2,716,047	2,791,452	2,833,380	2,886,645	7.4%
Cabbages, kohlrabi and kale ⁴	2,697,952	2,668,359	2,818,136	2,819,867	2,740,047	7.0%
Carrots and turnips	2,350,393	2,480,180	2,471,119	2,412,668	2,363,937	6.1%
Lettuce ⁵	1,942,273	1,966,787	2,069,920	2,031,647	2,152,357	5.5%
Garlic	1,733,752	1,839,057	1,751,039	2,106,296	2,021,789	5.2%
Pumpkins, squash and gourds	1,421,692	1,515,041	1,570,324	1,625,781	1,649,197	4.2%
Cauliflowers and headed broccoli	1,063,853	1,034,805	1,084,036	1,083,777	1,112,111	2.8%
Mushrooms	673,434	680,542	707,240	702,875	688,402	1.8%
Beans	612,100	647,970	605,659	656,337	670,453	1.7%
Asparagus	388,788	431,831	434,142	427,032	485,498	1.2%
Aubergines "eggplants"	421,861	440,231	435,736	456,528	450,095	1.2%
Celery	385,441	361,368	406,441	424,935	403,777	1.0%
Peas	275,683	277,113	275,849	289,978	327,355	0.8%
Leeks ⁶	327,118	306,860	297,707	289,836	301,403	0.8%
Spinach	192,382	195,677	212,135	210,140	228,688	0.6%
Brussels sprouts	170,710	170,476	171,072	190,103	193,081	0.5%
Chicory and witloof chicory	187,599	175,977	166,347	148,653	159,443	0.4%
Olives	49,863	55,219	88,435	65,795	82,807	0.2%
Leguminous vegetables, nes ⁷	94,567	109,960	95,133	70,684	56,461	0.1%
Globe artichokes	53,398	44,125	52,052	45,395	44,539	0.1%
Other vegetables, nes ⁷	2,353,749	2,483,402	2,557,949	2,569,019	2,744,800	7.0%
Total	36,368,570	37,515,551	38,788,496	38,891,604	39,052,694	100.0%

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.
2. Includes greenhouse vegetables and mushrooms.
3. Does not include potatoes.
4. Includes similar brassicas but excludes cauliflowers, headed broccoli and brussels sprouts.
5. Includes cabbage lettuce.
6. Includes other alliaceae vegetables.
7. nes: Not elsewhere specified.

Source: Global Trade Tracker. (May 2022)



4.2.5. Top exporters of fresh vegetables^{1,2} worldwide – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Mexico	7,744,417	8,308,149	9,341,973	10,392,851	9,871,447	16.7%
Spain	7,558,016	7,957,118	8,430,366	8,993,624	9,613,433	16.2%
Netherlands	7,855,803	8,344,392	8,649,723	8,850,873	8,780,182	14.8%
China	6,268,402	5,421,175	6,590,802	7,115,607	7,277,420	12.3%
United States	2,733,831	2,780,397	2,948,090	2,853,213	2,769,802	4.7%
Italy	1,888,416	2,031,750	2,030,948	2,124,517	2,261,536	3.8%
Canada	1,596,555	1,736,653	1,940,540	2,242,414	2,202,307	3.7%
France	1,606,941	1,521,994	1,594,864	1,654,439	1,760,123	3.0%
Morocco	1,397,424	1,368,536	1,521,436	1,662,319	1,646,982	2.8%
Belgium	1,225,856	1,100,194	1,178,289	1,230,902	1,267,973	2.1%
Poland	935,403	1,064,698	1,125,873	1,083,920	1,136,512	1.9%
Turkey	705,389	726,431	821,961	909,114	1,038,666	1.8%
India	805,718	784,701	739,083	730,420	789,260	1.3%
Peru	678,261	672,520	731,463	725,288	727,999	1.2%
Germany	549,458	602,501	631,338	621,228	641,229	1.1%
Others	7,802,237	8,176,849	8,427,346	7,817,975	7,496,962	12.6%
Total	51,352,127	52,598,058	56,704,095	59,008,704	59,281,833	100.0%

Notes:

1. Does not include potatoes.
2. Includes greenhouse vegetables and mushrooms.

Source: Global Trade Tracker. (May 2022)



4.2.6. Top exporters of fresh vegetables^{1,2} worldwide – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Mexico	6,080,552	6,171,728	12,010,119	8,623,319	7,381,383	17.1%
China	5,542,841	5,680,896	5,854,067	6,340,233	5,776,807	13.4%
Spain	4,869,976	5,109,849	5,396,942	5,378,461	5,421,182	12.5%
Netherlands	5,019,362	5,036,973	5,123,686	5,168,119	5,119,504	11.8%
India	1,893,146	1,966,366	1,734,717	1,773,465	1,745,230	4.0%
United States	1,600,894	1,627,834	1,613,980	1,552,801	1,604,968	3.7%
Turkey	1,084,209	1,035,225	1,141,156	1,186,045	1,488,097	3.4%
Egypt	816,496	811,833	1,104,529	728,717	1,302,240	3.0%
Morocco	879,827	981,222	934,992	1,068,955	1,165,225	2.7%
France	1,072,576	998,333	1,024,892	1,008,871	1,026,080	2.4%
Canada	827,988	841,278	882,066	877,586	946,158	2.2%
Belgium	951,584	832,935	950,363	972,903	893,190	2.1%
Italy	829,464	867,298	844,845	863,425	864,213	2.0%
Poland	737,278	768,334	703,688	685,611	728,400	1.7%
Pakistan	171,105	342,238	272,934	356,672	578,206	1.3%
Others	10,140,974	8,637,994	8,064,344	7,072,313	7,198,229	16.6%
Total	42,518,272	41,710,336	47,657,320	43,657,496	43,239,112	100.0%

Notes:

1. Does not include potatoes.
2. Includes greenhouse vegetables and mushrooms.

Source: Global Trade Tracker. (May 2022)



4.2.7. Top selected fresh vegetable^{1,2,3} exports worldwide – by value (CAN\$ '000)

	2017	2018	2019	2020	2021	2021 % Share
Tomatoes	11,193,681	11,563,053	11,630,456	12,554,163	12,458,549	21.0%
Peppers	6,299,280	6,654,881	7,141,474	7,781,509	7,633,008	12.9%
Onions and shallots	4,054,522	4,429,691	5,325,180	5,007,569	4,630,647	7.8%
Garlic	4,087,487	2,729,320	3,692,510	4,208,173	3,839,538	6.5%
Cucumbers and gherkins	3,051,442	3,374,292	3,379,470	3,661,000	3,819,790	6.4%
Lettuce ⁴	3,051,301	3,263,026	3,453,090	3,474,043	3,729,134	6.3%
Mushrooms	2,311,287	2,568,206	2,721,488	2,847,158	3,056,226	5.2%
Cabbages, kohlrabi and kale ⁵	1,865,416	1,992,366	2,296,724	2,176,905	2,348,317	4.0%
Cauliflowers and headed broccoli	1,762,355	1,846,245	2,396,330	2,138,057	2,171,515	3.7%
Carrots and turnips	1,623,850	1,981,101	1,928,296	1,844,943	1,900,003	3.2%
Pumpkins, squash and gourds	1,602,389	1,654,511	1,703,837	2,070,373	1,841,041	3.1%
Asparagus	1,730,406	1,614,289	1,702,007	1,601,540	1,744,648	2.9%
Beans	1,037,551	1,092,727	1,096,312	1,300,490	1,323,664	2.2%
Spinach	412,145	447,449	526,184	757,852	1,004,118	1.7%
Aubergines "eggplants"	638,493	640,564	648,780	697,235	664,295	1.1%
Peas	491,266	492,411	477,596	491,680	515,875	0.9%
Leeks ⁶	386,448	390,379	423,052	405,135	478,249	0.8%
Celery	361,259	360,691	454,344	438,744	446,187	0.8%
Chicory and witloof chicory	384,633	383,051	401,778	373,002	360,529	0.6%
Brussels sprouts	230,794	223,643	253,622	292,628	313,258	0.5%
Leguminous vegetables, nes ⁷	164,280	159,562	207,180	201,104	179,181	0.3%
Olives	95,285	105,893	95,637	99,202	108,974	0.2%
Globe artichokes	82,591	65,910	77,005	71,766	75,846	0.1%
Other vegetables, nes ⁷	4,433,650	4,564,462	4,671,741	4,514,432	4,639,242	7.8%
Total	51,351,811	52,597,723	56,704,093	59,008,703	59,281,834	100.0%

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.
2. Includes greenhouse vegetables and mushrooms.
3. Does not include potatoes.
4. Includes cabbage lettuce.
5. Includes similar brassicas but excludes cauliflowers, headed broccoli and brussels sprouts.
6. Includes other alliacious vegetables.
7. nes: Not elsewhere specified.

Source: Global Trade Tracker. (May 2022)



4.2.8. Top selected fresh vegetable^{1,2,3} exports worldwide – by volume (metric tons)

	2017	2018	2019	2020	2021	2021 % Share
Onions and shallots	7,818,193	7,961,475	8,616,503	8,484,650	8,453,889	19.6%
Tomatoes	7,558,676	7,765,035	7,524,261	7,097,255	7,343,311	17.0%
Peppers	3,343,071	3,463,467	3,513,764	3,707,952	3,793,585	8.8%
Carrots and turnips	2,683,738	2,847,266	2,894,543	2,813,067	3,101,945	7.2%
Cucumbers and gherkins	2,875,203	2,888,965	2,907,444	2,785,829	2,899,063	6.7%
Cabbages, kohlrabi and kale ⁴	2,271,845	2,334,183	2,866,705	2,372,644	2,414,836	5.6%
Lettuce ⁵	2,052,638	2,119,833	7,039,899	3,610,442	2,397,375	5.5%
Garlic	2,172,561	2,307,229	2,221,232	2,733,181	2,366,871	5.5%
Pumpkins, squash and gourds	1,447,356	1,581,213	1,630,862	1,688,123	1,753,082	4.1%
Cauliflowers and headed broccoli	1,352,926	1,365,315	1,537,516	1,629,581	1,479,291	3.4%
Mushrooms	672,915	705,093	730,855	749,350	785,760	1.8%
Beans	553,917	578,767	548,947	659,877	712,409	1.6%
Aubergines "eggplants"	563,547	588,961	540,900	460,436	468,048	1.1%
Asparagus	380,737	415,663	420,040	396,105	462,711	1.1%
Celery	349,445	341,484	352,045	359,750	380,448	0.9%
Spinach	158,760	164,186	205,289	274,310	349,193	0.8%
Peas	484,393	453,977	318,779	276,854	314,495	0.7%
Leeks ⁶	317,631	289,320	295,828	294,711	305,570	0.7%
Chicory and witloof chicory	216,686	204,007	218,001	193,461	200,653	0.5%
Brussels sprouts	155,404	153,625	155,223	179,835	195,280	0.5%
Leguminous vegetables, nes ⁷	177,301	163,500	135,377	122,910	116,957	0.3%
Olives	69,135	78,587	78,361	63,209	94,101	0.2%
Globe artichokes	42,126	35,044	40,958	34,557	31,606	0.1%
Other vegetables, nes ⁷	4,799,934	2,904,003	2,863,984	2,669,405	2,818,632	6.5%
Total	42,518,138	41,710,198	47,657,316	43,657,494	43,239,111	100.0%

Notes:

1. Only "fresh or chilled" vegetables were considered in calculations for this table.
2. Includes greenhouse vegetables and mushrooms.
3. Does not include potatoes.
4. Includes similar brassicas but excludes cauliflowers, headed broccoli and brussels sprouts.
5. Includes cabbage lettuce.
6. Includes other alliaceous vegetables.
7. nes: Not elsewhere specified.

Source: Global Trade Tracker. (May 2022)



5. Key resources

FAOSTAT

Global Trade Tracker

Statistics Canada. Table 32-10-0166-01 Farms classified by farm type, Census of Agriculture historical data

Statistics Canada. Table 32-10-0365-01 Area, production and farm gate value of vegetables

Statistics Canada. Table 32-10-0054-01 Food available in Canada

Statistics Canada. CATSNET