



Statistical Overview of the Canadian Field Vegetable Industry 2023

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Overview

This report provides a statistical overview of the vegetable industry including the number of farms, total farm area, production, farm gate¹ value (FGV), consumption and trade in the sector. It largely focuses on field vegetables. Separate reports for potatoes, greenhouse vegetables and mushrooms² are prepared annually.

In 2023, Canada produced over 2.2 million metric tons of field vegetables, a decrease of 2.5% in production over the previous year. Tomatoes, which represent the largest proportion of field vegetable production (23.9%), saw production grow by 2.7% in 2023. In contrast, other top field vegetable commodities, such as carrots and dry onions (which represent 14.9% and 12.2% of total Canadian field vegetable production, respectively) saw production decreases of 1.8% and 3.8%.

Ontario remained the largest producing province, accounting for more than 58% of Canada's total production of field vegetables in 2023, followed by Quebec with over 30%. British Columbia, Nova Scotia and Alberta each contributed between 2.6% and 3.2% to total production, while other field vegetable producing provinces each accounted for 1% or less of Canada's total production. With generally favourable weather conditions having been reported for the 2023 growing season, Ontario's total field vegetable production increased by 1% over 2022. Conversely, Quebec field vegetable producers experienced a cold, wet season which resulted in reported production declines for all main vegetables produced in the province, including cabbage, carrots and dry onions. In British Columbia, total field vegetable production rose by 1.7% in 2023, while Atlantic provinces may have been affected by above-average precipitation, which saw decreases in total field vegetable production for the second year in a row.

Total farm gate value for Canadian field vegetables increased by 1.8% to \$1.59 billion in 2023. The combined farm gate values for dry onions (\$160.4 million), carrots (\$155.0 million), tomatoes (\$135.2 million), cabbage (\$108.1 million), lettuce (\$99.9 million) and peppers (\$94.0 million) comprised nearly 50% of the total value of all field vegetables grown in Canada last year.

While dry onions represent Canada's most important field vegetable crop in terms of value (\$160.4 million in 2023), they represent the third-most important field vegetable crop in terms of production volume (276,565 metric tons in 2023). Planted area for dry onions in 2023 (6,129 hectares) increased by 2.5% compared to 2022 (5,979 hectares). Dry onions are mainly produced in Quebec (44%), Ontario (38%) and Alberta (10%). As already noted, total production of dry onions decreased by 3.8% in 2023 over 2022, although overall farm gate value for dry onions increased by 1.8%.

Carrots are Canada's second-most important field vegetable crop in 2023 in terms of value (\$155.0 million), and serve as the second-most important in terms of total production volume (337,810 metric tons), and the third-most significant crop in terms of planted area (8,805 hectares). Planted area decreased by 7.0% in 2023 compared to 2022. Carrots are produced across Canada, with the bulk of carrot production taking place in Ontario (46%), Quebec (32%) and Nova Scotia (14%). In 2023, total production of carrots declined by 1.8% over the previous year, while overall farm gate value for carrots grew by 3.7%.

Canada's most important field vegetable crop in terms of total production volume continues to be field tomatoes (543,051 metric tons in 2023). Field tomatoes are also the third-most important crop in terms of value (\$135.2 million in 2023), with production being heavily concentrated in Ontario (98%). The majority (92%) of Canada's production of field tomatoes is destined for the processing market. In 2023, total acreage for field tomatoes (6,243 hectares) increased by 0.4%, with total production and farm gate value having increased by 2.7% and 5.3% respectively.

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 Since mushrooms are usually produced indoors, they are grouped with greenhouse vegetables.



With reduced domestic production in 2023, total Canadian field vegetable export values fell by 0.4% over the previous year to \$1.01 billion. Canada ranked as the sixth top fresh vegetable exporter with a 3.9% global share. Although export values surged over 2022 for top commodities like carrots (+43.1%) and cabbages (+7.4%), export values for most other field vegetables, such as cucumbers and gherkins (-38.7%), onions and shallots (-24.1%) and peppers (-20.3%), declined over highs recorded in the previous year. The United States remained Canada's largest purchaser in 2023, importing 95.9% of Canada's total field vegetable exports in terms of value.

Given its geographical location and short growing season, Canada is highly dependent on imports to satisfy domestic demand for vegetables year-round. Canada's field vegetable trade deficit was \$3.01 billion in 2023. As the fifth-largest fresh vegetable importer worldwide by value with a 5.6% share, Canada imported more than \$3.9 billion in fresh vegetables in 2023, representing an increase of 2.1% over 2022. Nearly \$2.4 billion in field vegetable imports (60.1%) were sourced from the United States. Mexico was the second-largest source of Canadian field vegetable imports, with over \$968 million (24.3%) in import value. In 2023, the top imported field vegetable crops in terms of value included lettuce (16.2% of all field vegetable imports), cauliflowers and headed broccoli (8.6%), onions and shallots (7.3%), cabbages (6.9%) and tomatoes (5.6%).

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)

	2019	2020	2021	2022	2023	2023 % Share
Corn, sweet	17,516	17,405	17,725	17,126	16,821	16.1%
Peas, green	11,493	12,272	11,099	12,186	11,559	11.0%
Carrots ¹	8,461	9,198	9,677	9,470	8,805	8.4%
Beans, green or wax	8,092	8,485	7,588	8,618	8,375	8.0%
Tomatoes	6,216	6,272	6,523	6,216	6,243	6.0%
Dry onions	5,702	5,936	6,041	5,979	6,129	5.9%
Cabbage ²	5,600	5,982	6,410	6,346	5,590	5.3%
Pumpkins	3,275	3,854	4,714	4,594	4,681	4.5%
Broccoli	4,550	4,323	4,350	4,147	4,104	3.9%
Lettuce ³	3,902	3,367	3,420	3,862	3,851	3.7%
Squash and zucchinis	3,042	2,998	3,377	3,425	3,388	3.2%
Asparagus	2,431	2,438	2,411	2,736	2,633	2.5%
Cucumbers and gherkins	2,465	2,382	2,518	2,544	2,470	2.4%
Peppers	2,262	2,441	2,462	2,383	2,377	2.3%
Beets	1,817	2,011	2,144	1,950	1,988	1.9%
Cauliflowers	1,882	1,896	2,024	1,953	1,898	1.8%
Rutabagas and turnips	1,524	1,593	1,652	1,520	1,422	1.4%
Sweet potatoes	811	808	1,008	1,138	1,144	1.1%
Radishes ⁴	1,061	1,244	1,203	1,181	1,138	1.1%
Garlic	566	850	948	948	950	0.9%
Spinach	707	619	853	902	866	0.8%
Celery	781	795	894	886	864	0.8%
Watermelons	719	668	767	811	840	0.8%
Shallots and green onions	806	671	801	888	815	0.8%
Brussels sprouts	650	675	745	788	792	0.8%
Other melons	465	428	466	476	463	0.4%
Leeks	350	352	359	351	352	0.3%
Other fine herbs	337	322	344	347	346	0.3%
Parsnips	349	350	271	264	264	0.3%
Aubergines (egg-plants)	241	215	230	245	248	0.2%
Rhubarb	198	193	222	196	194	0.2%
Parsley	134	127	156	169	163	0.2%
Other vegetables	3,888	3,222	2,929	2,916	2,855	2.7%
Total⁵	102,292	104,393	106,334	107,563	104,631	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*.

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)

	2019	2020	2021	2022	2023	2023 % Share
Newfoundland and Labrador	260	264	279	264	264	0.3%
Prince Edward Island	904	871	868	730	691	0.7%
Nova Scotia	2,223	2,260	2,228	2,178	2,196	2.1%
New Brunswick	556	526	603	581	561	0.5%
Quebec	37,862	38,567	39,001	39,933	38,571	36.9%
Ontario	49,295	50,880	51,663	52,697	51,273	49.0%
Manitoba	1,524	1,455	1,437	1,292	1,279	1.2%
Saskatchewan	326	376	390	464	458	0.4%
Alberta	3,762	3,974	4,140	3,986	3,981	3.8%
British Columbia	5,579	5,219	5,725	5,439	5,357	5.1%
Canada²	102,292	104,393	106,334	107,563	104,631	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)

	2019	2020	2021	2022	2023	2023 % Share
Tomatoes	490,286	492,072	515,013	528,938	543,051	23.9%
Carrots ¹	362,984	360,226	355,271	343,966	337,810	14.9%
Dry onions	250,847	232,800	244,015	287,499	276,565	12.2%
Corn, sweet	189,554	197,966	195,786	196,241	186,164	8.2%
Cabbage ²	163,881	169,512	175,280	174,116	153,323	6.7%
Pumpkins	75,925	96,938	84,005	86,785	85,326	3.8%
Lettuce ³	84,902	66,813	75,612	79,362	76,217	3.4%
Peppers	63,438	67,747	69,815	68,832	67,069	3.0%
Cucumbers and gherkins	59,344	57,655	57,720	60,682	59,213	2.6%
Beets	46,325	48,403	56,339	49,725	47,785	2.1%
Squash and zucchinis	53,877	49,496	45,035	48,210	47,165	2.1%
Beans, green or wax	58,417	52,270	45,240	48,254	46,983	2.1%
Peas, green	48,662	50,178	42,251	46,927	43,661	1.9%
Rutabagas and turnips	45,737	45,077	43,016	42,369	38,584	1.7%
Watermelons	32,942	33,562	34,780	35,012	36,283	1.6%
Broccoli	42,313	38,250	40,709	36,034	35,137	1.5%
Celery	32,441	30,758	32,756	31,732	30,236	1.3%
Cauliflowers	31,598	29,794	30,659	29,350	27,460	1.2%
Sweet potatoes	13,690	10,911	14,797	16,883	18,166	0.8%
Shallots and green onions	16,269	13,716	14,210	18,616	17,430	0.8%
Radishes ⁴	15,618	15,167	15,752	15,427	14,350	0.6%
Asparagus	10,235	7,761	8,936	9,938	10,664	0.5%
Other melons	12,472	11,058	10,939	10,804	10,351	0.5%
Brussels sprouts	6,394	6,541	5,686	6,874	6,672	0.3%
Spinach	4,607	4,154	6,406	6,677	6,407	0.3%
Leeks	6,413	6,713	6,785	6,647	6,380	0.3%
Parsnips	6,264	6,078	5,638	6,032	6,259	0.3%
Aubergines (egg-plants)	3,475	3,383	3,028	3,806	4,308	0.2%
Other fine herbs	1,580	1,971	2,227	2,218	2,095	0.1%
Garlic	1,248	1,840	1,938	1,968	1,947	0.1%
Parsley	1,898	1,814	1,799	1,791	1,712	0.1%
Rhubarb	1,656	1,281	1,423	1,245	1,249	0.1%
Other vegetables	35,837	33,035	26,750	27,816	25,861	1.1%
Total⁵	2,271,130	2,244,939	2,269,618	2,330,776	2,271,882	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*.

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)

	2019	2020	2021	2022	2023	2023 % Share
Newfoundland and Labrador	3,333	3,265	3,470	2,893	2,769	0.1%
Prince Edward Island	24,145	24,804	19,993	13,757	13,408	0.6%
Nova Scotia	57,655	68,421	73,406	70,066	69,057	3.0%
New Brunswick	7,800	6,839	8,182	7,449	7,500	0.3%
Quebec	704,491	665,215	744,153	757,991	689,697	30.4%
Ontario	1,306,839	1,310,972	1,265,530	1,319,866	1,332,502	58.7%
Manitoba	27,356	25,875	22,790	21,736	21,856	1.0%
Saskatchewan	3,972	3,595	3,137	3,771	3,846	0.2%
Alberta	54,645	59,016	59,091	62,362	59,156	2.6%
British Columbia	80,894	76,936	69,865	70,884	72,090	3.2%
Canada²	2,271,130	2,244,939	2,269,618	2,330,776	2,271,882	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)

	2019	2020	2021	2022	2023	2023 % Share
Dry onions	112,449	115,651	118,572	157,494	160,374	10.1%
Carrots ²	139,818	136,105	139,265	149,420	154,958	9.8%
Tomatoes	109,857	116,706	117,162	128,375	135,196	8.5%
Cabbage ³	87,945	99,755	107,715	115,389	108,070	6.8%
Lettuce ⁴	82,370	77,971	84,967	100,798	99,948	6.3%
Peppers	74,405	82,162	87,575	92,602	94,025	5.9%
Corn, sweet	78,373	84,272	84,781	90,101	89,590	5.6%
Broccoli	79,364	77,937	84,679	78,772	79,715	5.0%
Squash and zucchinis	42,164	46,113	50,996	54,936	55,971	3.5%
Asparagus	45,130	41,726	42,875	48,677	53,695	3.4%
Cucumbers and gherkins	37,491	39,509	46,413	49,303	49,947	3.1%
Shallots and green onions	32,686	32,488	31,852	46,389	47,876	3.0%
Beans, green or wax	39,159	39,803	35,662	45,879	46,629	2.9%
Cauliflowers	36,670	36,650	39,541	38,334	39,357	2.5%
Pumpkins	32,101	36,226	33,085	36,802	38,935	2.5%
Rutabagas and turnips	31,297	31,155	31,279	32,697	31,560	2.0%
Peas, green	23,969	25,585	23,262	27,522	27,226	1.7%
Celery	19,896	22,150	25,178	24,746	24,686	1.6%
Beets	19,037	20,708	20,893	23,704	23,974	1.5%
Garlic	14,245	20,815	23,044	23,116	22,918	1.4%
Radishes ⁵	19,135	20,836	22,173	23,471	22,541	1.4%
Watermelons	13,649	15,559	17,791	18,322	19,866	1.3%
Sweet potatoes	13,507	11,526	12,627	15,806	18,210	1.1%
Spinach	10,355	10,416	15,605	17,136	17,794	1.1%
Brussels sprouts	13,078	14,256	13,326	16,001	16,067	1.0%
Leeks	12,316	13,685	14,441	14,872	14,745	0.9%
Other melons	8,737	9,012	9,364	9,330	9,210	0.6%
Parsnips	8,179	8,506	6,651	x	8,375	0.5%
Aubergines (egg-plants)	4,789	5,094	5,524	7,135	8,268	0.5%
Other fine herbs	5,368	6,410	7,941	7,945	7,677	0.5%
Parsley	5,071	5,202	5,260	5,233	5,190	0.3%
Rhubarb	2,809	2,322	3,065	2,826	2,973	0.2%
Other vegetables	48,259	55,432	48,275	49,978	53,055	3.3%
Total⁶	1,303,677	1,361,744	1,410,842	1,560,605	1,588,618	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*.

x: Suppressed to meet the confidentiality requirements of the *Statistics Act*.

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)

	2019	2020	2021	2022	2023	2023 % Share
Newfoundland and Labrador	5,110	5,535	6,061	5,334	5,490	0.3%
Prince Edward Island	13,635	13,871	11,939	10,609	10,337	0.7%
Nova Scotia	28,986	30,753	29,697	31,175	33,169	2.1%
New Brunswick	7,836	7,348	9,782	9,305	9,872	0.6%
Quebec	490,124	507,230	572,624	630,062	614,305	38.7%
Ontario	567,328	591,933	582,915	656,965	688,504	43.3%
Manitoba	32,995	33,045	29,630	29,636	31,876	2.0%
Saskatchewan	6,801	6,569	5,960	7,661	8,112	0.5%
Alberta	46,798	52,336	52,843	60,415	61,194	3.9%
British Columbia	104,064	113,122	109,391	119,445	125,760	7.9%
Canada²	1,303,677	1,361,744	1,410,842	1,560,605	1,588,618	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)

	2019	2020	2021	2022	2023
Exports	770,609	722,599	758,718	1,017,808	974,526
Imports	3,757,441	3,727,824	3,607,388	3,985,634	3,989,037
Trade balance (exports - imports)	-2,986,832	-3,005,225	-2,848,670	-2,967,826	-3,014,511

Notes:

1. Includes frozen vegetables.

2. Excludes greenhouse vegetables, potatoes and mushrooms.

Source: Statistics Canada (CATSNET, May 2024)

2.2. Exports

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

	2019	2020	2021	2022	2023	2023 % Share
Carrots	71,446	66,610	68,304	84,753	121,291	12.0%
Cabbages ³	68,056	67,118	76,026	87,344	93,819	9.3%
Lettuce ²	70,857	66,284	69,807	97,210	90,809	9.0%
Onions and shallots	55,525	55,922	65,434	103,040	78,199	7.7%
Beans ⁴	57,205	56,079	52,429	55,278	54,827	5.4%
Cucumbers and gherkins	32,309	27,129	18,366	64,398	39,492	3.9%
Peppers	38,964	42,597	33,264	48,660	38,781	3.8%
Sweet potatoes	30,175	31,230	29,846	34,633	34,318	3.4%
Cauliflowers and headed broccoli	30,498	19,553	30,289	35,842	29,648	2.9%
Sweet corn ⁴	23,285	22,969	24,423	24,154	29,297	2.9%
Peas ⁴	24,074	21,871	15,508	22,719	27,183	2.7%
Pumpkins, squash and gourds	27,452	30,456	26,878	34,252	26,840	2.6%
Spinach ⁴	7,113	8,870	8,706	22,255	25,665	2.5%
Tomatoes	29,247	28,056	27,261	26,964	23,706	2.3%
Asparagus	11,973	7,691	10,205	10,711	16,619	1.6%
Leeks ⁵	1,914	2,601	2,861	10,637	13,955	1.4%
Celery	4,842	3,315	5,177	8,085	10,128	1.0%
Aubergines (egg-plants)	7,527	11,602	7,489	8,186	7,609	0.8%
Brussels sprouts	4,054	4,066	2,911	4,101	3,814	0.4%
Garlic	525	829	996	1,237	1,307	0.1%
Turnips	784	479	410	752	731	0.1%
Other vegetables ⁶	172,783	147,272	182,128	232,595	245,268	24.2%
Total	770,609	722,599	758,718	1,017,808	1,013,307	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.
5. Includes other alliaceous vegetables.
6. Other vegetables include, among others, mixtures of frozen vegetables, not elsewhere specified frozen vegetables, and salad beetroot, salsify, celeriac, radishes and similar edible roots.

Source: Statistics Canada. (CATSNET, May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Carrots	100,824	85,983	91,147	98,221	107,176	16.1%
Cabbages ²	71,608	72,010	83,462	79,685	81,684	12.3%
Onions and shallots	61,485	61,682	60,727	82,595	64,872	9.7%
Sweet potatoes	42,236	42,982	40,985	47,102	46,702	7.0%
Cucumbers and gherkins	38,763	31,772	25,561	46,294	39,369	5.9%
Peppers	40,740	40,087	32,034	41,550	33,594	5.0%
Pumpkins, squash and gourds	36,836	44,571	37,440	37,199	30,842	4.6%
Lettuce ³	40,306	32,082	39,239	36,685	28,556	4.3%
Beans ⁴	34,264	34,304	33,634	31,132	26,326	4.0%
Cauliflowers and headed broccoli	23,768	15,410	23,782	24,574	22,943	3.4%
Sweet corn ⁴	17,297	17,583	18,824	17,459	20,605	3.1%
Peas ⁴	13,645	12,781	10,721	13,950	14,374	2.2%
Tomatoes	13,365	8,309	10,918	11,317	12,423	1.9%
Celery	7,910	4,508	6,313	8,232	8,874	1.3%
Leeks ⁵	701	951	940	3,317	4,559	0.7%
Spinach ⁴	1,445	1,464	1,610	2,900	2,915	0.4%
Asparagus	2,087	1,289	1,897	2,020	2,787	0.4%
Aubergines (egg-plants)	2,399	2,885	2,175	2,325	2,105	0.3%
Brussels sprouts	1,346	1,428	806	1,067	763	0.1%
Turnips	558	362	329	761	749	0.1%
Garlic	107	147	237	301	360	0.1%
Other vegetables ⁶	104,829	93,842	113,402	127,713	112,781	17.0%
Total	656,517	606,433	636,185	716,398	665,361	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 alliaceae vegetables.
6. Other vegetables include, among others, mixtures of frozen vegetables, not elsewhere specified frozen vegetables, and salad beetroot, salsify, celeriac, radishes and similar edible roots.

Source: Statistics Canada. (CATSNET, May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
United States	730,216	682,326	716,837	975,688	971,668	95.9%
Netherlands	23,765	23,804	22,703	20,577	14,803	1.5%
Belgium	38	55	0	7,071	13,937	1.4%
Israel	2,696	2,728	2,542	3,614	2,244	0.2%
China	973	818	1,066	1,720	1,169	0.1%
Trinidad and Tobago	370	441	330	1,358	1,149	0.1%
Kuwait	748	678	790	1,038	811	0.1%
Saint Pierre and Miquelon	573	570	579	598	593	0.1%
United Arab Emirates	215	1,273	975	246	542	0.1%
Saint Lucia	22	117	455	557	521	0.1%
Argentina	0	0	0	0	482	0.0%
Senegal	0	0	0	0	436	0.0%
Thailand	203	148	137	140	390	0.0%
Switzerland	0	0	295	389	380	0.0%
United Kingdom	6	6	21	250	369	0.0%
Others	10,784	9,634	11,987	4,563	3,811	0.4%
Total	770,609	722,599	758,718	1,017,808	1,013,307	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

2. Includes frozen.

Source: Statistics Canada. (CATSNET, May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
United States	607,903	555,818	583,916	662,315	612,105	92.0%
Netherlands	34,048	33,993	32,346	29,158	20,790	3.1%
Belgium	13	56	0	9,865	19,827	3.0%
Israel	3,851	3,925	3,636	5,071	3,183	0.5%
China	1,234	915	1,388	2,272	1,393	0.2%
Trinidad and Tobago	343	474	417	1,714	1,300	0.2%
Argentina	0	0	0	0	526	0.1%
Switzerland	0	0	418	553	525	0.1%
Senegal	0	0	0	0	474	0.1%
Saint Pierre and Miquelon	396	429	402	455	457	0.1%
United Arab Emirates	109	1,576	1,254	122	430	0.1%
Kuwait	365	328	407	485	405	0.1%
Saint Lucia	14	89	344	417	394	0.1%
Thailand	161	117	132	96	350	0.1%
United Kingdom	3	5	20	237	280	0.0%
Others	8,077	8,709	11,505	3,638	2,920	0.4%
Total	656,517	606,433	636,185	716,398	665,361	100.0%

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

2. Includes frozen.

Source: Statistics Canada. (CATSNET, May 2024)

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

		2019	2020	2021	2022	2023
Carrots	United States	71,381	66,591	68,298	84,393	121,215
	Trinidad and Tobago	0	0	0	350	67
	Eswatini	0	0	1	6	3
	Saint Pierre and Miquelon	1	2	3	0	3
	France	3	5	3	4	2
	Others	61	12	0	0	0
	Total	71,446	66,610	68,304	84,753	121,291
Cabbages ²	United States of America	67,802	66,838	75,833	86,452	93,116
	Trinidad and Tobago	186	263	186	887	698
	France	6	5	5	4	3
	Saint Pierre and Miquelon	1	2	2	1	1
	Others	60	9	0	0	0
	Total	68,056	67,118	76,026	87,344	93,819
Lettuce ³	United States of America	70,849	66,187	69,722	96,926	90,658
	United Kingdom	0	2	20	250	117
	Saint Pierre and Miquelon	3	18	21	29	29
	France	5	4	3	6	5
	Others	0	73	41	0	0
	Total	70,857	66,284	69,807	97,210	90,809
Onions and shallots	United States	55,289	55,768	65,412	103,024	77,479
	Trinidad and Tobago	0	0	0	0	231
	Netherlands	0	76	0	0	202
	Jamaica	8	0	9	0	192
	France	5	5	6	10	85
	Others	223	74	7	6	10
	Total	55,525	55,922	65,434	103,040	78,199
Beans ⁴	United States	53,634	51,893	50,779	53,651	53,659
	United Kingdom	0	3	0	0	251
	France	54	181	32	103	52
	Others	2,575	1,838	0	0	0
	Total	56,263	53,915	50,810	53,754	53,963

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 2024)

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

		2019	2020	2021	2022	2023
Carrots	United States	100,690	85,941	91,131	97,364	106,996
	Trinidad and Tobago	0	0	0	834	158
	Eswatini	0	0	2	14	8
	Saint Pierre and Miquelon	1	5	6	1	8
	France	8	12	7	8	6
	Others	124	26	0	0	0
	Total	100,824	85,983	91,147	98,221	107,176
Cabbages ²	United States	71,298	71,619	83,129	78,867	80,988
	Trinidad and Tobago	246	378	330	815	693
	France	4	3	3	3	2
	Saint Pierre and Miquelon	1	2	1	1	1
	Others	60	8	0	0	0
	Total	71,608	72,010	83,462	79,685	81,684
Onions and shallots	United States	61,217	61,470	60,703	82,577	63,975
	Trinidad and Tobago	0	0	0	0	277
	Jamaica	27	0	10	0	265
	Netherlands	0	105	0	0	236
	France	6	6	7	12	108
	Others	236	101	7	7	11
	Total	61,485	61,682	60,727	82,595	64,872
Sweet potatoes	Netherlands	34,048	33,888	32,292	29,152	20,396
	Belgium	0	0	0	9,705	19,817
	Israel	3,834	3,925	3,636	5,021	3,183
	United States	1,798	1,889	1,848	2,380	2,585
	Switzerland	0	0	418	553	492
	Others	2,557	3,280	2,791	290	229
	Total	42,236	42,982	40,985	47,102	46,702
Cucumbers and gherkins	United States	38,738	31,772	25,561	46,294	39,369
	Others	25	0	0	0	0
	Total	38,763	31,772	25,561	46,294	39,369

Notes:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

2. Includes kohlrabi and kale and similar edible brassicas.

Source: Statistics Canada. (CATSNET, May 2024)

2.3 Imports

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

	2019	2020	2021	2022	2023	2023 % Share
Lettuce ²	581,568	575,353	559,266	715,215	644,993	16.2%
Cauliflowers and headed broccoli	200,784	199,578	192,275	316,043	342,406	8.6%
Onions and shallots	237,177	215,364	236,682	317,138	290,305	7.3%
Cabbages ³	416,774	407,366	419,173	305,244	275,168	6.9%
Tomatoes	270,662	265,250	230,262	236,300	223,884	5.6%
Peppers	232,760	226,875	228,073	216,060	211,150	5.3%
Carrots	147,874	149,821	142,282	153,389	163,916	4.1%
Spinach ⁴	159,619	166,838	157,020	156,971	142,572	3.6%
Beans ⁴	108,001	111,538	105,391	116,108	123,995	3.1%
Celery	145,122	94,965	87,296	101,900	121,753	3.1%
Sweet corn ⁴	70,552	78,758	81,300	87,662	108,321	2.7%
Asparagus	110,189	116,376	111,172	103,374	102,724	2.6%
Peas ⁴	89,320	88,652	85,460	89,310	89,173	2.2%
Pumpkins, squash and gourds	74,499	89,610	73,929	78,717	88,184	2.2%
Sweet potatoes	75,102	86,722	77,915	78,897	86,157	2.2%
Garlic	60,495	73,144	70,505	78,140	84,116	2.1%
Aubergines (egg-plants)	41,242	48,507	45,711	50,459	57,624	1.4%
Yams	39,841	47,206	41,013	41,650	45,822	1.1%
Bamboo shoots and cactus leaves	29,617	29,599	29,108	35,649	43,416	1.1%
Brussels sprouts	33,688	35,191	34,035	36,206	37,812	0.9%
Okra	23,846	27,005	27,289	31,465	34,548	0.9%
Cucumbers and gherkins	41,820	40,673	33,644	26,335	27,999	0.7%
Parsley	19,565	19,194	19,478	21,229	23,353	0.6%
Radishes	19,231	20,587	21,208	21,860	23,231	0.6%
Leeks	13,945	15,092	15,597	17,840	18,900	0.5%
Other vegetables ⁴	514,149	498,560	482,304	552,473	577,516	14.5%
Total	3,757,441	3,727,824	3,607,388	3,985,634	3,989,037	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 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Lettuce ²	278,521	257,053	267,180	265,222	273,525	15.1%
Onions and shallots	206,850	210,761	248,417	225,544	226,584	12.5%
Cauliflowers and headed broccoli	110,568	109,035	124,820	153,860	158,656	8.8%
Tomatoes	151,989	121,460	125,430	120,059	117,103	6.5%
Cabbages ³	188,418	178,690	188,973	120,612	112,250	6.2%
Carrots	109,786	107,915	109,792	98,626	96,384	5.3%
Peppers	98,748	89,958	100,556	84,156	78,942	4.4%
Sweet potatoes	68,573	76,306	81,287	81,950	77,573	4.3%
Celery	81,683	92,665	87,053	77,837	77,128	4.3%
Sweet corn ⁴	59,995	51,670	64,158	51,037	61,247	3.4%
Pumpkins, squash and gourds	57,611	60,001	59,571	53,052	51,376	2.8%
Spinach ⁴	45,947	47,964	48,423	47,902	41,990	2.3%
Beans ⁴	42,531	41,455	38,532	39,566	39,323	2.2%
Aubergines (egg-plants)	26,217	27,374	28,212	26,511	27,502	1.5%
Garlic	20,685	24,240	22,921	24,474	24,188	1.3%
Peas ⁴	21,314	22,645	24,620	23,031	22,558	1.2%
Yams	19,437	20,206	19,942	18,491	18,125	1.0%
Radishes	17,724	18,209	17,857	16,259	17,679	1.0%
Asparagus	23,421	24,855	27,496	21,875	17,640	1.0%
Cucumbers and gherkins	28,664	29,105	26,782	18,800	16,985	0.9%
Bamboo shoots and cactus leaves	13,474	14,145	14,672	14,212	14,714	0.8%
Brussels sprouts	10,475	11,897	12,632	11,513	11,010	0.6%
Parsley	10,045	9,181	8,880	8,503	8,619	0.5%
Okra	7,709	7,507	8,084	7,143	8,340	0.5%
Cassava	5,150	6,315	6,213	5,965	6,741	0.4%
Other vegetables ⁴	225,915	202,963	209,931	209,089	201,808	11.2%
Total	1,931,449	1,863,574	1,972,431	1,825,289	1,807,988	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 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
United States	2,371,947	2,310,313	2,222,318	2,476,264	2,396,715	60.1%
Mexico	856,204	860,553	842,230	910,194	968,901	24.3%
China	161,288	166,693	160,536	185,949	199,100	5.0%
Guatemala	48,821	57,916	56,116	59,193	61,600	1.5%
Spain	49,048	43,560	34,013	40,504	37,494	0.9%
India	23,410	24,252	27,988	32,522	36,922	0.9%
Peru	41,465	47,727	40,147	39,473	34,878	0.9%
Honduras	28,462	32,854	32,186	30,614	32,772	0.8%
Belgium	20,908	20,541	21,931	19,459	24,614	0.6%
Costa Rica	11,126	9,374	10,843	14,337	18,746	0.5%
Ecuador	15,700	18,802	15,134	16,570	18,055	0.5%
Jamaica	10,114	12,040	11,797	11,873	14,503	0.4%
Dominican Republic	11,782	12,064	12,317	12,723	13,734	0.3%
Egypt	6,073	7,509	6,250	9,150	12,534	0.3%
Poland	9,398	8,933	10,329	12,996	11,416	0.3%
Others	91,696	94,692	103,255	113,814	107,052	2.7%
Total	3,757,441	3,727,824	3,607,388	3,985,634	3,989,037	100.0%

Note:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

Source: Statistics Canada. (CATSNET, May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
United States	1,262,774	1,213,589	1,296,325	1,178,975	1,170,248	64.7%
Mexico	428,724	413,811	439,699	415,417	405,391	22.4%
China	87,969	85,393	78,673	76,887	94,804	5.2%
Spain	21,640	19,900	16,797	22,243	13,599	0.8%
Belgium	13,456	12,986	14,192	12,049	12,706	0.7%
Guatemala	12,830	12,443	11,787	10,931	11,276	0.6%
Costa Rica	7,692	8,128	9,944	9,300	10,832	0.6%
India	7,480	7,451	8,670	8,765	10,719	0.6%
Honduras	12,103	12,288	13,199	9,739	9,071	0.5%
Peru	11,884	13,643	12,819	10,895	8,594	0.5%
Ecuador	7,471	8,936	7,453	7,268	6,784	0.4%
Poland	8,086	7,009	8,890	8,763	6,466	0.4%
Dominican Republic	7,757	6,888	6,590	6,601	6,441	0.4%
Egypt	3,504	3,353	3,274	3,531	5,388	0.3%
France	4,494	4,021	4,037	4,998	3,509	0.2%
Others	33,586	33,735	40,082	38,926	32,161	1.8%
Total	1,931,449	1,863,574	1,972,431	1,825,289	1,807,988	100.0%

Note:

1. Excludes greenhouse vegetables, potatoes and mushrooms.

Source: Statistics Canada. (CATSNET, May 2024)

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

		2019	2020	2021	2022	2023
Lettuce ²	United States	559,615	553,218	524,455	653,946	586,457
	Mexico	19,638	20,263	33,486	58,020	55,575
	China	1,128	1,038	446	324	1,035
	Spain	366	157	313	2,085	871
	Others	821	678	567	840	1,055
	Total		581,568	575,353	559,266	715,215
Cauliflowers and headed broccoli	United States	167,140	164,844	161,411	244,928	254,379
	Mexico	30,075	32,018	29,924	64,046	79,025
	Guatemala	188	843	58	6,116	6,945
	Spain	2,862	1,524	765	658	1,011
	Others	518	349	118	295	1,047
	Total		200,784	199,578	192,275	316,043
Onions and shallots	United States	158,035	140,265	161,327	211,187	197,890
	Mexico	63,171	57,866	56,051	80,988	75,031
	Peru	7,596	9,601	9,047	9,615	8,580
	India	730	542	1,306	1,485	1,994
	China	1,629	1,618	1,931	1,307	1,787
	Others	6,016	5,472	7,022	12,558	5,024
	Total		237,177	215,364	236,682	317,138
Cabbages ³	United States	329,457	312,068	333,253	246,447	206,563
	Mexico	76,163	84,247	76,900	56,721	63,840
	China	3,185	3,078	2,177	1,609	2,709
	South Korea	1,098	713	308	196	1,669
	India	6	8	4	60	92
	Others	6,864	7,252	6,531	211	295
	Total		416,774	407,366	419,173	305,244
Tomatoes	Mexico	173,171	160,443	143,976	135,852	133,875
	United States	94,456	101,092	84,843	98,574	88,159
	Guatemala	2,522	2,869	1,321	1,454	1,794
	Morocco	0	0	0	355	46
	Moldova	0	0	0	0	5
	Others	513	846	121	65	4
	Total		270,662	265,250	230,262	236,300

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 2024)

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

		2019	2020	2021	2022	2023
Lettuce ²	United States	268,010	246,909	253,083	244,386	251,745
	Mexico	9,493	9,379	13,642	20,029	20,641
	China	668	536	230	174	511
	Spain	116	48	56	420	176
	Others	233	180	169	213	452
	Total		278,521	257,053	267,180	265,222
Onions and shallots	United States	168,571	171,352	204,930	176,505	187,170
	Mexico	27,202	26,927	29,111	31,208	30,608
	Peru	4,708	5,942	5,718	5,055	4,207
	India	174	104	181	206	382
	China	1,179	1,138	990	723	1,529
	Others	5,016	5,298	7,487	11,846	2,688
	Total		206,850	210,761	248,417	225,544
Cabbages ³	United States	131,223	121,400	133,049	85,415	74,826
	Mexico	46,277	50,028	51,455	33,543	32,071
	China	5,117	3,944	2,325	1,333	3,572
	South Korea	1,567	654	327	211	1,617
	India	2	2	1	13	22
	Others	4,231	2,662	1,816	96	143
	Total		188,418	178,690	188,973	120,612
Cauliflowers and headed broccoli	United States	91,899	89,138	103,858	118,269	117,528
	Mexico	17,045	18,645	20,433	34,296	39,141
	Guatemala	56	249	17	982	1,042
	Spain	1,231	809	439	216	449
	Others	337	193	73	96	497
	Total		110,568	109,035	124,820	153,860
Tomatoes	Mexico	92,993	72,442	76,700	68,778	65,446
	United States	57,771	47,759	48,226	50,774	51,228
	Guatemala	1,045	947	387	414	418
	Morocco	0	0	0	64	8
	Moldova	0	0	0	0	2
	Others	180	312	116	28	1
	Total		151,989	121,460	125,430	120,059

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 2024)

3. Availability for consumption

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

	2019	2020	2021	2022	2023	2023 % Share
Onions and shallots fresh	8.86	9.57	9.38	9.48	10.42	16.8%
Lettuce fresh ³	8.28	7.45	7.85	7.69	7.77	12.5%
Tomatoes fresh ³	7.86	7.09	7.23	7.49	7.36	11.8%
Carrots fresh	6.46	6.71	6.27	5.98	5.49	8.8%
Peppers fresh ³	4.30	3.95	4.21	3.88	4.22	6.8%
Cabbage fresh	4.50	4.36	4.25	4.24	3.59	5.8%
Pumpkins and squash fresh	3.17	3.45	2.99	2.88	2.83	4.6%
Broccoli fresh	2.37	2.29	2.49	2.96	2.81	4.5%
Corn fresh	2.78	2.60	2.93	2.44	2.36	3.8%
Cucumbers fresh ³	3.24	3.41	2.87	2.32	2.16	3.5%
Celery fresh	2.43	2.77	2.61	2.28	2.14	3.4%
Mushrooms fresh	2.10	1.86	1.82	1.66	1.60	2.6%
Cauliflower fresh	2.80	2.87	3.03	1.43	1.56	2.5%
Chinese cabbage fresh ⁴	1.69	1.64	1.69	1.68	1.53	2.5%
Potatoes sweet fresh	0.89	1.00	1.19	1.08	0.98	1.6%
Beets fresh	0.94	0.91	0.98	0.90	0.86	1.4%
Beans green and wax fresh	0.92	0.87	0.88	0.86	0.81	1.3%
Rutabagas and turnips fresh	0.91	0.97	0.95	0.88	0.76	1.2%
Spinach fresh	0.92	0.93	0.97	0.87	0.76	1.2%
Aubergines (egg-plants) fresh	0.63	0.63	0.68	0.64	0.65	1.0%
Kale fresh ³	0.77	0.68	0.70	0.71	0.60	1.0%

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. 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

	2019	2020	2021	2022	2023	2023 % Share
Asparagus fresh	0.75	0.74	0.81	0.67	0.55	0.9%
Garlic fresh	0.47	0.55	0.52	0.54	0.52	0.8%
Brussels sprouts fresh	0.33	0.38	0.39	0.38	0.35	0.6%
Radishes fresh	0.37	0.44	0.33	0.23	0.28	0.5%
Parsley fresh	0.30	0.27	0.26	0.25	0.24	0.4%
Leeks fresh	0.30	0.31	0.30	0.24	0.19	0.3%
Okra fresh	0.18	0.17	0.19	0.16	0.18	0.3%
Rappini fresh	0.18	0.17	0.17	0.19	0.17	0.3%
Manioc fresh	0.13	0.16	0.16	0.15	0.16	0.3%
Peas fresh	0.26	0.22	0.20	0.19	0.16	0.3%
Parsnips fresh	0.16	0.16	0.13	0.14	0.13	0.2%
Other edible roots fresh	0.06	0.05	0.07	0.07	0.08	0.1%
Artichokes fresh	0.03	0.04	0.04	0.03	0.03	0.0%
Olives fresh	0.01	0.01	0s	0s	0s	0.0%
Total⁴	67.88	67.35	67.15	63.20	62.17	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 preparation.

3. "Kale fresh" is included in cabbage.

4. Does not include potatoes.

0s: Value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded.

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)

	2019	2020	2021	2022	2023	2023 % Share
Tomatoes fresh ³	5.70	5.13	5.24	5.42	5.33	17.2%
Onions and shallots fresh	4.25	4.59	4.50	4.55	5.00	16.1%
Lettuce fresh ³	4.42	3.98	4.19	4.11	4.15	13.4%
Carrots fresh	3.52	3.66	3.42	3.26	2.99	9.7%
Cabbage fresh	2.53	2.45	2.39	2.39	2.02	6.5%
Peppers fresh ³	1.92	1.77	1.88	1.73	1.89	6.1%
Broccoli fresh	1.19	1.15	1.25	1.48	1.41	4.6%
Celery fresh	1.21	1.37	1.30	1.13	1.06	3.4%
Mushrooms fresh	1.33	1.18	1.15	1.05	1.01	3.3%
Cucumbers fresh ³	1.41	1.49	1.25	1.01	0.94	3.0%
Chinese cabbage fresh ⁴	0.95	0.93	0.95	0.95	0.86	2.8%
Corn fresh	0.67	0.62	0.70	0.58	0.57	1.8%
Pumpkins and squash fresh	0.56	0.61	0.53	0.51	0.50	1.6%
Beets fresh	0.51	0.50	0.53	0.49	0.47	1.5%
Cauliflower fresh	0.82	0.84	0.89	0.42	0.46	1.5%
Beans green and wax fresh	0.48	0.45	0.46	0.45	0.42	1.4%
Spinach fresh	0.49	0.50	0.52	0.46	0.41	1.3%
Potatoes sweet fresh	0.34	0.39	0.46	0.42	0.38	1.2%
Aubergines (egg-plants) fresh	0.30	0.30	0.32	0.30	0.31	1.0%
Brussels sprouts fresh	0.25	0.28	0.29	0.28	0.26	0.8%
Garlic fresh	0.22	0.26	0.25	0.26	0.24	0.8%
Asparagus fresh	0.27	0.27	0.30	0.25	0.20	0.6%

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

	2019	2020	2021	2022	2023	2023 % Share
Kale fresh ³	0.21	0.19	0.20	0.20	0.17	0.5%
Parsley fresh	0.15	0.14	0.13	0.12	0.12	0.4%
Rutabagas and turnips fresh	0.15	0.16	0.15	0.14	0.12	0.4%
Manioc fresh	0.09	0.11	0.11	0.10	0.11	0.4%
Radishes fresh	0.13	0.16	0.12	0.09	0.10	0.3%
Leeks fresh	0.14	0.15	0.15	0.12	0.09	0.3%
Peas fresh	0.14	0.12	0.10	0.10	0.09	0.3%
Rappini fresh	0.10	0.09	0.09	0.10	0.09	0.3%
Okra fresh	0.07	0.07	0.08	0.07	0.08	0.3%
Parsnips fresh	0.09	0.09	0.07	0.07	0.07	0.2%
Other edible roots fresh	0.05	0.04	0.05	0.05	0.06	0.2%
Artichokes fresh	0.01	0.01	0.01	0.01	0.01	0.0%
Olives fresh	0s	0s	0s	0s	0s	0.0%
Total⁴	33.51	32.93	32.88	31.52	30.96	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.

4. Does not include potatoes.

0s: Value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded.

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)

	2018	2019	2020	2021	2022	2022 % Share
Tomatoes	182,250	181,829	185,235	189,281	186,108	15.9%
Onions and shallots, dry	97,409	100,081	105,111	106,749	110,616	9.4%
Cucumbers and gherkins	84,974	88,194	90,745	92,613	94,718	8.1%
Cabbages and other brassicas	71,252	71,424	71,901	71,968	72,604	6.2%
Aubergines (egg-plants)	54,744	56,104	57,398	58,705	59,313	5.1%
Mushrooms and truffles	40,518	41,707	42,931	44,174	48,336	4.1%
Carrots and turnips	39,432	41,759	40,611	41,922	42,233	3.6%
Chillies and peppers, green	36,039	35,548	36,062	36,338	36,972	3.2%
Spinach	28,964	30,080	31,203	32,258	33,116	2.8%
Garlic	26,801	28,856	28,895	29,028	29,149	2.5%
Lettuce and chicory	27,136	27,574	27,836	27,236	27,149	2.3%
Cauliflowers and broccoli	25,547	25,793	25,696	25,970	26,058	2.2%
Pumpkins, squash and gourds	21,824	22,259	23,049	23,309	22,806	1.9%
Beans, nes ⁴ , green	23,433	23,082	23,425	23,511	23,341	2.0%
Peas, green	19,865	19,824	20,344	20,775	20,945	1.8%
Okra	9,583	9,904	10,445	10,570	11,233	1.0%
Corn (maize), green	10,431	9,974	10,301	9,694	9,868	0.8%
Asparagus	8,523	8,804	8,900	8,780	8,824	0.8%
Onions and shallots, green	5,103	4,929	5,087	5,119	4,971	0.4%
Leeks, other alliaceous vegetables	2,118	2,148	2,141	2,240	2,109	0.2%
Broad beans and horse beans, green	1,737	1,653	1,805	1,684	1,642	0.1%
Artichokes	1,558	1,504	1,440	1,660	1,585	0.1%
String beans	1,467	1,359	1,343	1,315	1,376	0.1%
Other vegetables, nes ⁴ , fresh	287,352	300,909	294,192	295,672	297,996	25.4%
Total	1,108,060	1,135,297	1,146,098	1,160,573	1,173,070	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2023 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 2024

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

	2018	2019	2020	2021	2022	2022 % Share
China	575,894	595,825	596,814	603,791	616,198	52.5%
India	129,944	131,865	135,992	138,405	145,120	12.4%
United States	31,732	29,511	29,222	27,642	27,126	2.3%
Türkiye	24,173	25,442	25,961	26,646	26,607	2.3%
Viet Nam	16,275	16,677	17,010	17,327	17,836	1.5%
Nigeria	15,505	15,573	15,634	15,756	16,094	1.4%
Egypt	15,511	16,109	15,660	15,946	15,820	1.3%
Mexico	16,071	15,142	15,126	14,764	15,580	1.3%
Indonesia	11,608	11,990	12,787	12,938	13,579	1.2%
Russia	13,716	14,153	13,951	13,029	13,231	1.1%
Spain	12,455	13,259	12,669	13,536	11,834	1.0%
Uzbekistan	9,180	10,126	10,046	10,401	11,218	1.0%
Iran	10,746	11,055	10,880	10,691	10,390	0.9%
Italy	10,352	10,437	10,849	11,181	10,345	0.9%
Japan	10,124	10,388	10,305	10,121	10,196	0.9%
South Korea	10,198	9,682	9,506	9,696	9,249	0.8%
Brazil	8,745	8,644	8,437	8,526	8,704	0.7%
Algeria	6,909	7,295	7,987	7,652	8,000	0.7%
Bangladesh	6,155	6,452	6,848	7,318	7,750	0.7%
Ukraine	9,458	9,707	9,675	9,959	7,529	0.6%
Philippines	6,690	6,810	6,731	6,747	6,767	0.6%
Pakistan	5,189	5,136	5,255	6,460	5,964	0.5%
France	4,949	4,875	5,722	6,167	5,155	0.4%
Myanmar	4,841	4,995	4,972	4,905	4,907	0.4%
Poland	4,793	4,607	4,757	4,933	4,832	0.4%
...						
Canada⁴	2,287	2,298	2,275	2,306	2,387	0.2%
Total	1,108,060	1,135,297	1,146,098	1,160,573	1,173,070	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2023 was not yet available at the time of writing this report.
4. In 2022, Canada ranked as the 44th largest global producer of vegetables by volume.

Source: Food and Agriculture Organization (FAO) of the United Nations | © FAO Statistics Division 2024

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

	2018	2019	2020	2021	2022	2022 % Share
Onions and shallots, dry	5,136,769	5,146,820	5,459,688	5,698,402	5,967,491	10.2%
Tomatoes	5,013,718	4,918,332	4,964,947	5,046,596	4,917,735	8.4%
Okra	2,265,689	2,396,933	2,407,121	2,472,573	2,809,360	4.8%
Peas, green	2,549,321	2,531,118	2,583,063	2,619,155	2,618,097	4.5%
Cabbages and other brassicas	2,312,598	2,305,705	2,316,390	2,338,223	2,326,179	4.0%
Cucumbers and gherkins	2,128,731	2,165,145	2,153,402	2,161,283	2,174,347	3.7%
Chillies and peppers, green	1,987,948	1,986,309	2,053,872	2,054,766	2,020,816	3.5%
Aubergines (egg-plants)	1,889,154	1,903,359	1,939,732	1,959,630	1,892,798	3.2%
Garlic	1,590,567	1,626,452	1,617,381	1,668,200	1,662,384	2.9%
Asparagus	1,549,242	1,569,773	1,589,079	1,600,279	1,610,693	2.8%
Beans, nes ⁴ , green	1,557,157	1,594,355	1,593,118	1,603,022	1,594,034	2.7%
Pumpkins, squash and gourds	1,481,175	1,490,286	1,558,730	1,550,044	1,521,943	2.6%
Cauliflowers and broccoli	1,365,204	1,361,387	1,367,080	1,374,629	1,369,832	2.4%
Lettuce and chicory	1,237,680	1,245,135	1,239,170	1,243,756	1,239,487	2.1%
Carrots and turnips	1,106,313	1,111,203	1,113,783	1,123,144	1,110,834	1.9%
Corn (maize), green	1,123,654	1,080,972	1,114,127	1,061,446	1,105,213	1.9%
Spinach	920,609	926,105	911,799	916,970	937,829	1.6%
Broad beans and horse beans, green	254,872	257,405	279,136	266,673	257,815	0.4%
Onions and shallots, green	238,230	229,907	228,232	231,098	230,063	0.4%
String beans	157,598	141,120	145,492	135,869	134,522	0.2%
Leeks, other alliaceous vegetables	135,469	132,170	133,096	134,288	131,690	0.2%
Artichokes	122,560	119,185	114,480	117,128	113,058	0.2%
Other vegetables, nes ⁴ , fresh	20,468,787	20,501,532	20,491,046	20,510,712	20,514,543	35.2%
Total	56,593,045	56,740,708	57,373,964	57,887,886	58,260,763	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
2. Does not include potatoes.
3. FAO production data for the year 2023 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 2024

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

	2018	2019	2020	2021	2022	2022 % Share
China	23,209,986	23,178,826	23,283,613	23,352,851	23,424,841	40.2%
India	8,383,140	8,447,905	8,657,351	8,931,846	9,292,831	16.0%
Nigeria	3,852,049	3,910,196	3,934,670	4,084,721	4,324,947	7.4%
Indonesia	1,156,338	1,147,215	1,221,697	1,189,606	1,245,538	2.1%
Viet Nam	1,008,709	991,735	997,855	1,016,045	1,035,590	1.8%
United States	935,279	860,558	833,741	821,454	786,569	1.4%
Philippines	768,850	778,607	768,401	772,109	772,579	1.3%
Bangladesh	650,990	658,189	680,283	708,712	719,171	1.2%
Mexico	694,468	673,754	694,306	693,539	712,252	1.2%
Cameroon	660,658	660,064	649,575	655,878	666,943	1.1%
Türkiye	669,158	672,329	678,558	676,673	647,099	1.1%
Egypt	637,484	660,123	642,996	615,983	612,198	1.1%
Russia	515,577	507,162	502,405	468,090	468,638	0.8%
Pakistan	416,828	407,176	410,393	460,284	419,405	0.7%
Tanzania	417,382	413,700	416,115	416,162	415,518	0.7%
Ukraine	440,509	452,709	465,128	461,037	375,132	0.6%
Myanmar	376,954	377,117	381,564	375,082	372,938	0.6%
Iran	354,596	375,301	381,542	381,521	367,792	0.6%
Japan	374,082	372,644	369,465	367,198	367,436	0.6%
Thailand	367,376	365,297	365,326	363,876	360,097	0.6%
Brazil	344,098	346,047	341,488	343,568	346,082	0.6%
Ethiopia	303,477	310,826	317,029	325,677	329,940	0.6%
Italy	334,230	337,350	331,240	331,840	316,130	0.5%
Spain	313,100	323,410	325,170	337,530	313,290	0.5%
Algeria	299,308	304,361	314,990	301,201	307,529	0.5%
..						
Canada⁴	91,348	89,673	93,144	94,073	96,536	0.2%
Total	56,592,553	56,740,214	57,373,464	57,887,389	58,260,358	100.0%

Notes:

1. Includes greenhouse vegetables and mushrooms.
 2. Does not include potatoes.
 3. FAO production data for the year 2023 was not yet available at the time of writing this report.
 4. In 2022, Canada ranked as the 62th largest global producer of vegetables by volume.
- Source: Food and Agriculture Organization (FAO) of the United Nations | © FAO Statistics Division 2024

4.2. World trade

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

	2019	2020	2021	2022	2023	2023 % Share
United States	12,153,222	13,676,712	13,480,444	14,951,300	16,372,925	23.4%
Germany	6,944,456	7,708,424	8,020,010	7,509,787	8,822,794	12.6%
United Kingdom	4,015,961	4,080,591	3,843,390	4,416,244	5,193,492	7.4%
France	3,263,997	3,484,959	3,558,932	3,764,966	4,492,294	6.4%
Canada	3,583,412	3,567,824	3,504,056	3,842,794	3,923,865	5.6%
Netherlands	2,542,472	2,585,089	2,736,765	2,793,549	3,302,661	4.7%
Poland	1,140,615	1,195,120	1,275,907	1,374,180	1,854,011	2.6%
Italy	1,234,674	1,117,555	1,141,612	1,355,675	1,671,443	2.4%
Belgium	1,236,115	1,340,654	1,342,138	1,294,092	1,585,563	2.3%
Spain	945,187	948,354	967,180	1,110,756	1,369,740	2.0%
Russia	2,012,537	1,888,961	1,701,733	1,121,724	1,229,782	1.8%
Malaysia	764,327	841,201	889,797	911,724	1,056,582	1.5%
Indonesia	804,985	903,565	935,679	944,670	1,056,052	1.5%
Hong Kong	673,303	934,201	998,741	978,584	1,027,744	1.5%
Switzerland	711,244	816,191	885,176	838,367	964,164	1.4%
Others	13,550,829	13,882,170	14,016,939	14,958,745	16,071,659	23.0%
Total	55,577,336	58,971,571	59,298,499	62,167,157	69,994,771	100.0%

Notes:

1. Does not include potatoes.

2. Includes greenhouse vegetables and mushrooms.

Source: Global Trade Tracker. (May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
United States	7,471,780	7,621,703	8,230,445	8,389,769	8,348,067	20.8%
Germany	3,374,409	3,510,698	3,570,919	3,208,269	3,203,458	8.0%
United Kingdom	2,093,757	2,030,095	1,814,137	2,041,066	2,061,039	5.1%
France	1,910,436	1,890,609	1,958,175	1,926,624	1,889,778	4.7%
Canada	1,782,720	1,725,223	1,833,693	1,685,813	1,697,066	4.2%
Netherlands	1,503,377	1,410,912	1,589,359	1,443,496	1,583,127	3.9%
Malaysia	1,102,400	1,079,029	1,131,145	1,215,625	1,339,833	3.3%
Viet-Nam	679,410	650,271	807,243	1,065,289	1,178,583	2.9%
Belgium	1,100,852	1,146,435	1,154,979	1,067,287	1,075,507	2.7%
Saudi Arabia	1,011,353	954,770	943,196	1,019,608	1,026,827	2.6%
Russia	1,676,149	1,540,829	1,484,929	864,449	932,925	2.3%
Poland	830,814	773,459	778,052	907,364	912,505	2.3%
Thailand	657,119	621,957	586,932	654,999	804,947	2.0%
Spain	679,605	648,452	701,737	749,179	777,470	1.9%
Italy	736,188	653,251	644,003	684,467	757,787	1.9%
Others	12,489,788	13,017,793	12,993,670	13,164,471	12,626,528	31.4%
Total	39,100,157	39,275,486	40,222,614	40,087,775	40,215,447	100.0%

Notes:

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

Source: Global Trade Tracker. (May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Tomatoes	11,782,049	12,795,383	12,700,907	13,369,321	15,434,844	22.1%
Peppers	7,472,418	8,182,381	8,170,952	8,148,286	9,407,978	13.4%
Onions and shallots	4,563,550	4,213,146	4,030,454	4,724,099	5,491,444	7.8%
Cucumbers and gherkins	3,550,442	3,862,169	3,882,830	4,484,729	5,122,740	7.3%
Lettuce ⁴	3,429,006	3,418,348	3,617,433	4,085,341	4,290,737	6.1%
Garlic	3,033,273	3,778,340	3,593,878	3,559,095	3,807,398	5.4%
Mushrooms	2,627,899	2,664,087	2,790,611	2,888,707	3,135,284	4.5%
Cabbages, kohlrabi and kale ⁵	2,580,463	2,683,251	2,702,344	2,603,588	2,887,871	4.1%
Cauliflowers and headed broccoli	1,669,018	1,796,528	1,818,196	2,065,207	2,410,151	3.4%
Pumpkins, squash and gourds	1,852,602	2,228,955	1,991,246	2,247,496	2,299,177	3.3%
Carrots and turnips	1,645,481	1,585,211	1,585,729	1,626,428	2,029,213	2.9%
Asparagus	2,062,357	2,000,342	2,136,854	1,898,995	1,963,118	2.8%
Beans	1,333,694	1,434,372	1,432,441	1,340,630	1,503,044	2.1%
Aubergines (egg-plants)	664,360	753,053	716,870	754,533	835,404	1.2%
Spinach	512,775	577,237	619,387	638,504	679,280	1.0%
Leeks ⁶	514,974	487,945	581,869	528,829	645,135	0.9%
Peas	568,619	607,304	609,353	571,099	573,349	0.8%
Celery	526,924	480,855	462,907	477,948	545,848	0.8%
Chicory and witloof chicory	331,389	317,446	320,917	305,583	372,279	0.5%
Brussels sprouts	270,342	301,247	318,806	336,529	349,810	0.5%
Olives	121,845	99,659	126,073	138,443	212,607	0.3%
Leguminous vegetables, nes ⁷	115,309	102,481	108,746	95,350	118,781	0.2%
Globe artichokes	98,335	89,914	96,833	141,311	99,525	0.1%
Other vegetables, nes ⁷	4,249,957	4,511,794	4,882,632	5,134,913	5,777,684	8.3%
Total	55,577,081	58,971,448	59,298,268	62,164,964	69,992,701	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 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Onions and shallots	7,200,549	6,899,101	6,656,926	7,365,873	7,393,131	18.4%
Tomatoes	7,037,527	6,992,244	7,259,799	7,064,601	6,967,861	17.3%
Peppers	3,546,427	3,664,108	3,854,817	3,684,364	3,635,088	9.0%
Cucumbers and gherkins	2,783,986	2,826,774	2,891,973	2,907,825	3,025,933	7.5%
Cabbages, kohlrabi and kale ⁴	2,939,895	2,898,602	2,998,179	2,752,319	2,815,625	7.0%
Carrots and turnips	2,546,869	2,497,120	2,504,249	2,427,207	2,505,354	6.2%
Lettuce ⁵	2,061,866	2,022,242	2,191,361	2,157,915	2,082,683	5.2%
Garlic	1,837,737	2,196,832	2,053,465	2,118,820	2,075,413	5.2%
Pumpkins, squash and gourds	1,565,748	1,620,890	1,668,769	1,583,397	1,562,322	3.9%
Cauliflowers and headed broccoli	1,092,164	1,094,035	1,152,542	1,256,243	1,239,045	3.1%
Mushrooms	725,710	730,892	743,512	738,332	730,316	1.8%
Beans	592,749	655,349	672,677	621,541	592,354	1.5%
Aubergines (egg-plants)	433,461	454,629	459,116	434,381	461,400	1.1%
Celery	405,910	423,750	408,245	373,241	369,563	0.9%
Asparagus	433,795	427,002	486,056	416,539	366,099	0.9%
Leeks ⁶	295,079	287,789	303,451	323,373	339,874	0.8%
Spinach	201,511	206,658	228,371	217,282	226,142	0.6%
Peas	277,812	292,938	322,005	249,798	223,846	0.6%
Brussels sprouts	169,998	189,366	205,788	202,916	189,667	0.5%
Chicory and witloof chicory	166,548	148,411	160,565	151,466	153,319	0.4%
Olives	88,416	65,624	84,374	93,353	121,811	0.3%
Globe artichokes	52,016	45,384	47,898	78,923	44,047	0.1%
Leguminous vegetables, nes ⁷	95,071	70,623	58,806	45,477	56,177	0.1%
Other vegetables, nes ⁷	2,549,307	2,565,118	2,809,671	2,822,589	3,038,374	7.6%
Total	39,100,151	39,275,481	40,222,615	40,087,775	40,215,444	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 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Mexico	9,341,973	10,392,851	9,871,447	10,143,970	11,670,998	16.2%
Spain	8,430,366	8,993,624	9,613,433	9,656,416	11,209,875	15.6%
Netherlands	8,649,723	8,850,873	8,771,288	8,492,846	10,007,006	13.9%
China	6,590,802	7,115,607	7,277,420	7,757,097	9,143,702	12.7%
United States	2,948,087	2,853,873	2,785,148	3,059,330	2,987,785	4.2%
Canada	1,940,540	2,241,828	2,196,231	2,566,748	2,812,439	3.9%
Italy	2,030,948	2,124,517	2,261,536	2,198,091	2,718,983	3.8%
Morocco	1,521,436	1,662,319	1,646,982	2,071,657	2,437,488	3.4%
France	1,594,915	1,660,284	1,762,616	1,881,547	2,426,223	3.4%
Poland	1,125,873	1,083,920	1,136,512	1,307,921	1,560,732	2.2%
Türkiye	821,961	909,114	1,038,666	1,063,747	1,479,507	2.1%
Belgium	1,178,529	1,228,244	1,288,253	1,190,902	1,387,554	1.9%
Iran	1,240,526	1,164,290	1,050,087	1,041,750	1,241,998	1.7%
India	739,083	730,420	789,260	913,810	1,160,408	1.6%
Peru	731,463	725,288	728,065	722,252	777,985	1.1%
Others	8,429,361	8,313,894	8,352,246	7,882,577	8,934,590	12.4%
Total	57,315,586	60,050,946	60,569,190	61,950,661	71,957,273	100.0%

Notes:

1. Does not include potatoes.

2. Includes greenhouse vegetables and mushrooms.

Source: Global Trade Tracker. (May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
China	5,854,067	6,340,233	5,776,807	6,095,150	7,070,302	15.2%
Mexico	12,010,119	8,623,319	7,381,383	8,654,052	6,933,325	14.9%
Netherlands	5,123,686	5,168,119	5,125,787	5,092,633	4,822,499	10.4%
Spain	5,396,942	5,378,461	5,421,182	4,983,473	4,807,459	10.3%
India	1,734,717	1,773,465	1,745,230	2,421,928	2,903,420	6.2%
Iran	2,262,483	2,524,837	2,611,551	2,952,591	2,829,362	6.1%
United States	1,613,979	1,553,137	1,614,903	1,480,737	1,469,941	3.2%
Türkiye	1,141,156	1,186,045	1,488,097	1,261,319	1,271,409	2.7%
Morocco	934,992	1,068,955	1,165,225	1,307,732	1,184,211	2.5%
Egypt	1,103,390	728,717	954,488	1,174,145	1,127,114	2.4%
France	1,024,932	1,010,525	1,029,479	1,118,515	1,126,390	2.4%
Canada	882,066	876,820	939,915	1,019,879	1,023,161	2.2%
Italy	844,845	863,425	864,213	831,861	887,269	1.9%
Poland	703,688	685,611	728,400	881,976	798,450	1.7%
Belgium	950,557	970,756	897,670	804,782	776,137	1.7%
Others	7,501,485	7,479,828	8,033,213	7,187,927	7,472,280	16.1%
Total	49,083,104	46,232,253	45,777,543	47,268,700	46,502,729	100.0%

Notes:

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

Source: Global Trade Tracker. (May 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Tomatoes	11,821,266	13,026,798	12,966,754	13,451,790	15,524,948	21.6%
Peppers	7,168,441	7,844,979	7,828,097	7,196,331	8,714,015	12.1%
Onions and shallots	5,449,173	5,170,327	4,783,965	5,489,987	6,816,225	9.5%
Cucumbers and gherkins	3,423,918	3,766,428	3,878,421	4,348,334	4,932,141	6.9%
Garlic	3,736,342	4,232,225	3,878,172	3,543,199	4,557,173	6.3%
Lettuce ⁴	3,492,124	3,518,792	3,778,995	4,167,339	4,383,953	6.1%
Mushrooms	2,692,980	2,820,293	3,046,124	2,959,084	3,169,837	4.4%
Cauliflowers and headed broccoli	2,441,585	2,171,742	2,227,800	2,621,242	3,153,183	4.4%
Carrots and turnips	1,939,357	1,872,358	1,922,584	1,987,770	2,526,848	3.5%
Cabbages, kohlrabi and kale ⁵	2,337,350	2,195,210	2,387,479	2,100,726	2,214,115	3.1%
Pumpkins, squash and gourds	1,721,137	2,082,904	1,864,117	2,016,155	2,115,417	2.9%
Asparagus	1,701,655	1,601,668	1,745,476	1,501,599	1,640,729	2.3%
Beans	1,102,611	1,310,956	1,338,717	1,306,421	1,443,805	2.0%
Spinach	525,341	757,685	1,003,654	1,207,166	1,137,958	1.6%
Aubergines (egg-plants)	680,128	757,266	716,741	743,498	832,306	1.2%
Peas	484,541	493,271	523,073	512,764	584,879	0.8%
Celery	455,237	442,924	460,071	467,970	575,193	0.8%
Leeks ⁶	420,745	403,259	475,584	369,067	484,583	0.7%
Chicory and witloof chicory	401,360	372,702	360,488	388,051	438,391	0.6%
Brussels sprouts	253,419	292,557	315,003	335,619	335,326	0.5%
Leguminous vegetables, nes ⁷	209,735	203,128	179,094	164,595	179,606	0.2%
Olives	95,738	99,335	117,266	103,865	154,034	0.2%
Globe artichokes	78,338	71,688	75,990	82,769	93,911	0.1%
Other vegetables, nes ⁷	4,683,061	4,542,449	4,695,525	4,885,322	5,948,698	8.3%
Total	57,315,582	60,050,944	60,569,190	61,950,663	71,957,274	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 2024)

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

	2019	2020	2021	2022	2023	2023 % Share
Onions and shallots	8,938,795	8,986,459	8,794,842	9,612,979	9,636,283	20.7%
Tomatoes	7,861,650	7,852,930	8,226,905	7,932,547	7,936,733	17.1%
Peppers	3,614,414	3,919,985	4,089,224	3,577,059	3,638,461	7.8%
Cucumbers and gherkins	3,007,389	3,039,643	3,059,063	3,041,275	3,073,782	6.6%
Carrots and turnips	2,924,290	2,922,170	2,919,607	2,807,530	3,054,882	6.6%
Garlic	2,253,621	2,763,556	2,399,927	2,608,559	2,673,553	5.7%
Cabbages, kohlrabi and kale ⁴	2,985,418	2,504,307	2,587,555	2,736,186	2,669,736	5.7%
Lettuce ⁵	7,160,194	3,748,586	2,626,775	3,960,563	2,533,965	5.4%
Cauliflowers and headed broccoli	1,640,121	1,745,341	1,627,589	1,991,952	1,780,135	3.8%
Pumpkins, squash and gourds	1,669,632	1,737,043	1,823,540	1,618,568	1,587,305	3.4%
Mushrooms	730,466	750,408	791,218	762,041	751,525	1.6%
Beans	559,899	677,592	745,893	652,388	736,182	1.6%
Aubergines (egg-plants)	607,903	628,863	663,569	623,366	674,799	1.5%
Peas	322,434	278,781	320,344	312,614	429,683	0.9%
Celery	356,420	371,024	401,633	384,741	407,659	0.9%
Spinach	205,082	274,118	349,446	402,990	355,647	0.8%
Asparagus	420,005	396,054	463,201	396,926	348,759	0.7%
Leeks ⁶	293,775	292,785	304,431	281,028	310,424	0.7%
Chicory and witloof chicory	218,754	193,711	199,806	206,185	201,039	0.4%
Brussels sprouts	154,991	179,740	198,396	211,378	178,303	0.4%
Leguminous vegetables, nes ⁷	145,190	132,194	125,857	129,322	114,688	0.2%
Olives	78,391	63,261	106,020	98,031	101,203	0.2%
Globe artichokes	42,660	34,498	33,862	36,097	34,186	0.1%
Other vegetables, nes ⁷	2,891,605	2,739,206	2,918,839	2,884,380	3,273,803	7.0%
Total	49,083,099	46,232,255	45,777,542	47,268,705	46,502,735	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 2024)



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