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Overview

North America was solely responsible for global maple syrup production in 2022. The Canadian maple syrup industry accounts for approximately 78% of the world's maple syrup production, with 92% of the Canadian production originating from Quebec, 5% from New Brunswick, 3% from Ontario, and less than 1% from Nova Scotia. The United States is the world's second-largest producer, accounting for approximately 22% of global production, with 51% of United States production originating from Vermont, 17% from New York, and 13% from Maine. Maple products accounted for 6% of all Canadian horticulture¹ farm cash receipts² in 2022

Contrary to the general trend where a decrease in the number of agricultural farms was observed in previous censuses following the consolidation of farms and the aging of farm operators, the number of maple product farms increased by 19.2% from 2016 (5,340 farms) to 2021 (6,364 farms). This growth was most notable in Quebec, where in recent years, there has been an increasing trend in the number of producers specializing in maple syrup production, especially following the 2017 release of 5 million maple taps by the Federation of Quebec Maple Syrup Producers (QMSP).

Canadian maple producers harvested a record-high 104.6 million kilograms (17.4 million gallons) of maple syrup in 2022, representing a 53.9% rise from 2021. Production was up across all maple-producing provinces largely because of favourable weather conditions and continued expansions in the industry. Higher yields in 2022 followed the previous year's lower production that featured a short maple season attributable to warm spring temperatures in 2021.

In 2022, the total production of maple syrup in Quebec was 95.8 million kilograms (15.9 million gallons), a 59.1% increase from 2021 and a record-high harvest for Canada's top maple-producing province. This rise in production allowed the QMSP to replenish its strategic reserve, which was accessed in 2021 to meet domestic and export demand for the sweetener.

Canadian maple syrup exports totaled 69.6 million kilograms (11,583 gallons) in 2022, a decrease of 5.1% from the 73.3 million kilograms exported in 2021. In terms of value, Canadian exports of maple products amounted to \$616 million in 2022, up 4.1% from 2021. Canadian maple products were exported to 72 different countries around the world in 2022; 61.9% of the exports were destined to the United States, 9.8% to Germany, 5.0% to France, 5.0% to the United Kingdom, 4.6% to Japan, and 4.2% to Australia, with the other export destinations accounting for the remaining 9.6% of total export values.

¹ The Canadian horticultural sector includes the fruit, vegetable, ornamental, ginseng, honey and maple products sub-sectors.

² Farm cash receipts measure gross revenue of farm businesses. They represent the cash income received from the sale of agricultural commodities.



1. Production

1.1. Number of maple farms¹ by province

	2011	2016	2021	2021 % Share
Newfoundland and Labrador	1	0	0	0.0%
Prince Edward Island	2	1	2	0.0%
Nova Scotia	36	48	39	0.6%
New Brunswick	108	111	114	1.8%
Quebec	4,674	4,776	5,812	91.3%
Ontario	416	391	389	6.1%
Manitoba	6	6	5	0.1%
Saskatchewan	0	2	1	0.0%
Alberta	0	0	0	0.0%
British Columbia	5	5	2	0.0%
Canada	5,248	5,340	6,364	100.0%

Note:

1. Number of farms includes all farms reported maple taps and on which maple syrup production represents 50% or more of total farm cash receipts.

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

1.2. Number of maple taps by province

	2011	2016	2021	2021 % Share
Newfoundland and Labrador	x	0	0	0.0%
Prince Edward Island	9,693	9,760	10,299	0.0%
Nova Scotia	372,452	446,300	420,383	0.8%
New Brunswick	1,896,773	2,285,785	3,523,948	6.4%
Quebec	40,632,512	42,529,033	48,672,648	89.1%
Ontario	1,508,651	1,713,022	2,013,549	3.7%
Manitoba	8,251	5,961	4,581	0.0%
Saskatchewan	5,917	1,490	332	0.0%
Alberta	x	0	0	0.0%
British Columbia	3,609	4,009	1,851	0.0%
Canada	44,440,024	46,995,360	54,647,591	100.0%

Note:

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

Source: Statistics Canada. Table 32-10-0161-01 Maple taps, Census of Agriculture historical data



1.3. Maple syrup production¹ by province (kilograms)

	2018	2019	2020	2021	2022	2022 % Share
Nova Scotia	330,495	420,630	336,504	216,324	F	N/A
New Brunswick	2,169,249	3,593,382	3,371,049	4,723,074	4,873,299	4.7%
Quebec	53,564,226	72,306,297	79,438,980	60,252,243	95,843,550	91.6%
Ontario	2,794,185	3,016,518	2,806,203	2,776,158	3,545,310	3.4%
Canada	58,864,164	79,342,836	85,952,736	67,967,799	104,592,654	100.0%

Notes:

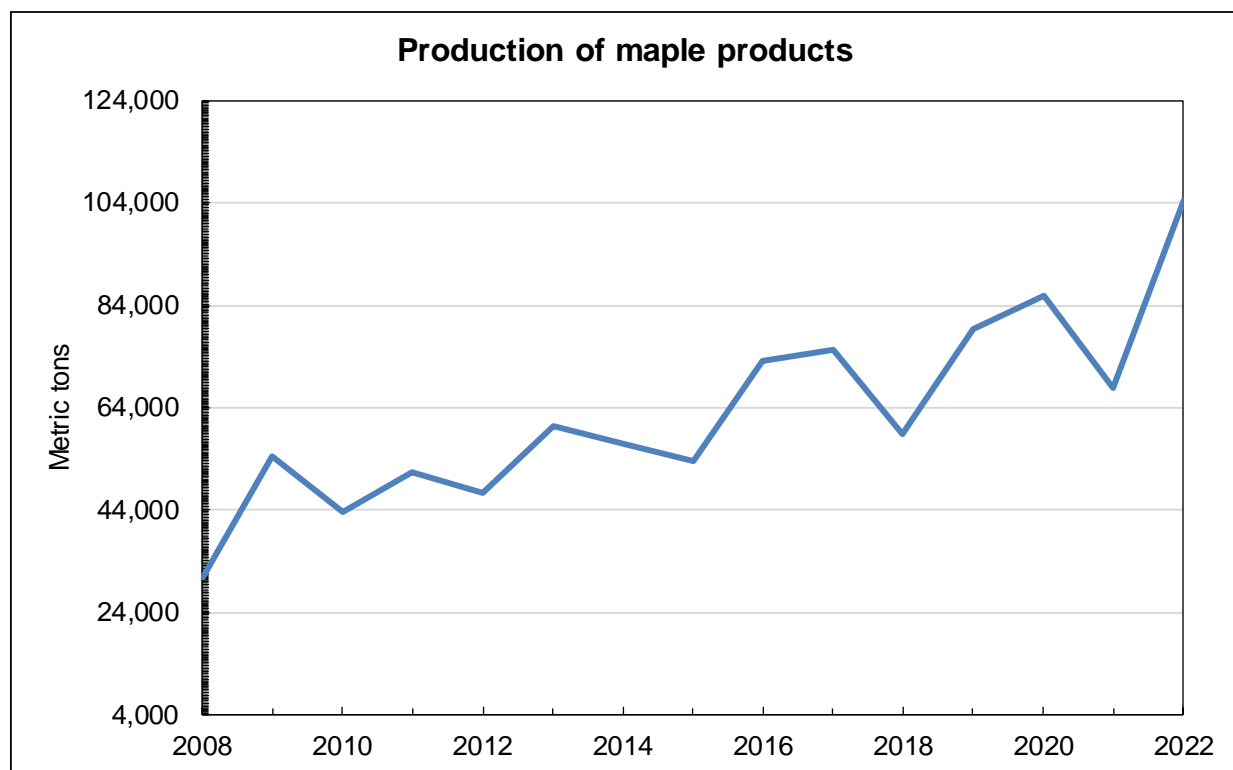
1. Maple products such as taffy, sugar and maple butter have been converted to syrup equivalent.

F: Too unreliable to be published.

N/A: Not applicable.

Source: Statistics Canada. Table 32-10-0354-01 Production and value of maple products (x 1,000)

1.4. Production of maple products – 15-year trend



Source: Statistics Canada. Table 32-10-0354-01 Production and value of maple products (x 1,000)



1.5. Farm cash receipts of maple products by province (thousands of Canadian dollars)

	2018	2019	2020	2021	2022	2022 % Share
Nova Scotia	3,060	3,837	2,840	1,943	2,961	0.4%
New Brunswick	13,688	23,198	20,610	31,642	32,991	4.8%
Quebec	342,439	461,503	510,747	390,763	621,558	90.2%
Ontario	22,970	25,897	24,973	25,725	31,214	4.5%
Canada	382,158	514,434	559,170	450,072	688,724	100.0%

Source: Statistics Canada. Table 32-10-0045-01 Farm cash receipts, annual (x 1,000)



2. Trade

2.1. Exports

2.1.1. Maple products¹ exports by province – by value (thousands of Canadian dollars)

	2018	2019	2020	2021	2022	2022 % Share
Newfoundland and Labrador	0	5	0	0	0	0.0%
Prince Edward Island	211	3	7	171	0	0.0%
Nova Scotia	129	210	196	383	326	0.1%
New Brunswick	9,660	10,811	13,859	15,238	17,633	2.9%
Quebec	394,824	417,486	497,391	570,380	594,701	96.5%
Ontario	356	963	4,208	5,267	2,900	0.5%
Manitoba	0	0	0	0	44	0.0%
Saskatchewan	50	0	0	0	0	0.0%
Alberta	1	74	0	1	0	0.0%
British Columbia	419	393	355	462	586	0.1%
Canada	405,649	429,944	516,016	591,902	616,189	100.0%

Note:

1. Maple Products include both maple sugar and maple syrup.

Source: Statistics Canada (CATSNet, March 2023)

2.1.2. Maple products¹ exports by province – by volume (kilograms)

	2018	2019	2020	2021	2022	2022 % Share
Newfoundland and Labrador	44	501	0	0	0	0.0%
Prince Edward Island	27,387	254	808	20,377	0	0.0%
Nova Scotia	14,436	19,297	31,119	45,293	28,242	0.0%
New Brunswick	1,168,890	1,339,734	1,585,644	1,674,914	1,811,856	2.6%
Quebec	47,077,786	49,178,196	59,059,057	70,788,487	67,350,338	96.8%
Ontario	52,487	135,161	677,894	774,167	345,745	0.5%
Manitoba	0	0	0	0	4,105	0.0%
Saskatchewan	4,610	0	0	0	0	0.0%
Alberta	89	12,708	7	112	0	0.0%
British Columbia	36,581	34,319	32,508	41,328	60,647	0.1%
Canada	48,382,310	50,720,170	61,387,037	73,344,678	69,600,933	100.0%

Note:

1. Maple Products include both maple sugar and maple syrup.

Source: Statistics Canada (CATSNet, March 2023)



2.1.3. Top maple products export destinations – by value (thousands of Canadian dollars)

	2018	2019	2020	2021	2022	2022 % Share
United States	250,472	266,559	304,354	348,733	381,204	61.9%
Germany	44,872	42,121	50,381	55,947	60,570	9.8%
France	13,436	16,705	22,438	27,947	30,656	5.0%
United Kingdom	18,567	21,698	30,906	34,319	30,628	5.0%
Japan	22,233	23,441	25,045	33,486	28,086	4.6%
Australia	17,500	18,832	27,025	23,736	26,115	4.2%
South Korea	5,303	4,720	7,746	9,857	9,779	1.6%
Denmark	6,327	7,510	8,710	9,119	9,038	1.5%
Netherlands	4,325	4,032	5,221	6,592	5,197	0.8%
Italy	2,634	2,893	3,742	6,224	4,465	0.7%
Others	19,980	21,432	30,450	35,940	30,452	4.9%
Total	405,649	429,944	516,016	591,902	616,189	100.0%

Source: Statistics Canada (CATSNet, March 2023)

2.1.4. Top maple products export destinations – by volume (kilograms)

	2018	2019	2020	2021	2022	2022 % Share
United States	30,217,674	32,121,874	36,972,645	44,497,394	44,553,308	64.0%
Germany	5,003,007	4,867,966	5,489,090	6,436,647	6,447,399	9.3%
United Kingdom	2,422,084	2,467,531	3,614,627	3,927,635	3,586,007	5.2%
France	1,654,308	2,103,193	2,975,166	4,326,908	3,127,415	4.5%
Japan	2,410,106	2,506,567	2,746,789	3,563,452	2,806,960	4.0%
Australia	2,130,864	2,114,086	3,065,233	2,683,484	2,752,890	4.0%
Denmark	908,839	994,561	1,248,573	1,288,604	1,280,691	1.8%
South Korea	670,121	528,207	829,675	1,055,693	1,038,807	1.5%
Netherlands	482,083	433,496	564,763	776,455	576,573	0.8%
Italy	270,003	332,713	399,840	678,340	443,313	0.6%
Others	2,213,221	2,249,976	3,480,636	4,110,066	2,987,570	4.3%
Total	48,382,310	50,720,170	61,387,037	73,344,678	69,600,933	100.0%

Source: Statistics Canada (CATSNet, March 2023)



3. Availability for consumption

3.1. Maple products available¹ for consumption² (kilograms per person)

	2018	2019	2020	2021	2022
Maple Sugar	0.40	0.39	0.52	0.47	0.42

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 or restaurants, or losses during preparation.

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



4. World data

4.1. World imports

4.1.1. Top importers of maple sugar and maple syrup – by value (thousands of Canadian dollars)

	2018	2019	2020	2021	2022	2022 % Share
United States	250,537	266,617	304,500	348,758	381,260	49.8%
Netherlands	19,659	11,574	22,114	25,482	63,165	8.3%
Germany	36,683	37,605	44,019	50,590	41,132	5.4%
France	16,349	23,512	26,608	31,182	38,087	5.0%
United Kingdom	25,264	31,417	37,347	38,645	37,506	4.9%
Japan	27,428	28,783	28,825	37,013	35,266	4.6%
Australia	19,985	22,021	27,291	25,708	28,349	3.7%
Canada¹	14,780	14,709	15,495	11,011	16,937	2.2%
Denmark	8,529	8,469	10,422	11,322	11,606	1.5%
South Korea	6,137	5,276	9,139	11,913	11,293	1.5%
Italy	5,772	8,274	10,112	13,663	10,268	1.3%
Poland	6,787	7,316	7,063	8,218	8,225	1.1%
Switzerland	5,305	5,409	7,494	7,434	7,858	1.0%
Ireland	3,259	3,521	6,115	5,921	6,464	0.8%
Israel	2,796	2,773	4,686	6,396	5,970	0.8%
Others	44,865	48,439	61,120	69,727	62,040	8.1%
Total	494,135	525,715	622,350	702,983	765,426	100.0%
Note:						
1. 100% of Canadian imports of maple products are sourced from the United States.						
Source: Global Trade Tracker (March 2023)						



4.1.2. Top importers of maple sugar and maple syrup – by volume (metric tons)

	2018	2019	2020	2021	2022	2022 % Share
United States	30,229	32,126	36,990	44,503	44,556	40.4%
Netherlands	2,107	1,155	2,288	2,566	26,758	24.3%
United Kingdom	4,498	4,943	4,741	4,705	4,300	3.9%
Germany	3,732	4,052	4,538	5,417	4,153	3.8%
France	1,776	2,563	2,608	3,123	3,703	3.4%
Japan	2,469	2,588	2,577	3,333	3,023	2.7%
Canada¹	2,506	2,594	2,624	1,895	2,907	2.6%
Australia	2,509	2,493	2,826	2,840	2,832	2.6%
Ghana	445	987	833	1,164	2,145	1.9%
Italy	531	744	1,619	2,482	1,879	1.7%
Denmark	1,210	1,174	1,407	1,529	1,471	1.3%
Sweden	89	577	996	1,310	1,299	1.2%
Spain	252	287	765	1,422	1,299	1.2%
South Korea	532	506	846	1,100	1,037	0.9%
New Zealand	504	562	658	682	806	0.7%
Others	6,918	10,603	8,834	9,007	7,988	7.3%
Total	60,307	67,954	75,150	87,078	110,156	100.0%

Note:

1. 100% of Canadian imports of maple products are sourced from the United States.

Source: Global Trade Tracker (March 2023)



4.2. A Comparison: United States national statistics for maple syrup

4.2.1. United States maple syrup production by state (gallons)

	2018	2019	2020	2021	2022	2022 % Share
Vermont	1,940,000	2,070,000	1,950,000	1,750,000	2,550,000	50.7%
New York	806,000	820,000	804,000	647,000	845,000	16.8%
Maine	539,000	520,000	590,000	514,000	672,000	13.4%
Wisconsin	225,000	270,000	265,000	365,000	440,000	8.8%
Michigan	165,000	195,000	170,000	150,000	190,000	3.8%
Pennsylvania	142,000	157,000	178,000	168,000	164,000	3.3%
New Hampshire	163,000	148,000	154,000	127,000	167,000	3.3%
Others	219,000	0	0	0	0	0.0%
United States	4,199,000	4,180,000	4,111,000	3,721,000	5,028,000	100.0%

Source: USDA, National Agricultural Statistics Service - <http://www.nass.usda.gov/>

4.2.2. United States maple syrup production value by state (thousands of US dollars)

	2017	2018	2019	2020	2021	2021 % Share
Vermont	54,000	54,320	57,960	105,300	56,000	41.9%
New York	29,640	26,114	26,404	55,316	24,457	18.3%
Maine	24,096	21,668	14,664	41,182	19,840	14.8%
Wisconsin	6,500	7,290	8,775	15,424	12,082	9.0%
New Hampshire	6,960	9,144	6,704	16,046	8,242	6.2%
Michigan	7,680	6,419	9,477	16,524	6,945	5.2%
Pennsylvania	5,660	5,538	5,495	13,670	6,082	4.6%
Others	10,810	11,332	0	0	0	0.0%
United States	145,346	141,825	129,479	263,462	133,648	100.0%

Note:

2022 maple syrup production value data was not available at the time of writing.

Source: USDA, National Agricultural Statistics Service - <http://www.nass.usda.gov/>



5. Key resources

Global Trade Tracker

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

Statistics Canada. Table 32-10-0161-01 Maple taps, Census of Agriculture historical data

Statistics Canada. Table 32-10-0354-01 Production and value of maple products

Statistics Canada. Table 32-10-0045-01 Farm cash receipts, annual (x 1,000)

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

Statistics Canada. CATSNET

USDA. National Agricultural Statistics Service

Import and export data is based on the following Harmonized System Codes (H.S. Codes):

Maple for import: 1702200010, 1702200020

Maple for export: 17022010, 17022020, 17022021, 17022029