

Saskatchewan Agriculture Exports 2021



June 2022

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All export calculations are based on international exports from Saskatchewan. Some of the totals of Saskatchewan's lesser exported commodities may have been over or under-reported, which is a result of interprovincial trade. All trade statistics were taken from Global Trade Tracker and are subject to revision and change.

Export values are rounded totals. The year-to-year percentage change is calculated using actual export values. This approach was used in all subsequent tables.

Fundamental Factors

Strong global demand for agri-food products and appealing prices led to record exports from Saskatchewan in 2020. The fast pace of export at the beginning of 2021 slowed only when it was clear the upcoming harvest was significantly lower than expected. The lack of soil moisture at the beginning of the season and severe drought that hit Western Canada and the Northern United States (U.S.) plains slashed grain production by almost half. By the end of 2021, available grain stocks reached their lowest levels in recent years in Canada and the U.S. This situation has stimulated prices even more.

Although the COVID-19 pandemic situation improved in 2021 with most countries progressively lifting restrictions and opening for business, lingering effects heavily impacted the whole supply chain. For agri-food supply chains, high freight costs and lack of containers made it harder to export overseas. China's zero tolerance policy regarding COVID-19 resulted in many cities and ports shut down for extended periods of time, adding to already problematic logistics.

Saskatchewan exports declined in volume due to small production and depleted stocks, but significantly higher commodity prices more than compensated for the volume, resulting in another revenue record in 2021.



Agri-food exports

Saskatchewan's agricultural exports were worth a total of \$17.5 billion in 2021 — setting a new record for the province.

The 2021 export value was an increase of almost seven per cent over the previous record of \$16.4 billion set in 2020, which itself surpassed the previous year by 27 per cent. Leading agri-food export commodities in 2021 continue to be canola seed, canola oil, non-durum wheat, lentils, durum, and dry peas. The top five international market destinations include the U.S., China, Japan, Mexico and the United Arab Emirates (UAE).

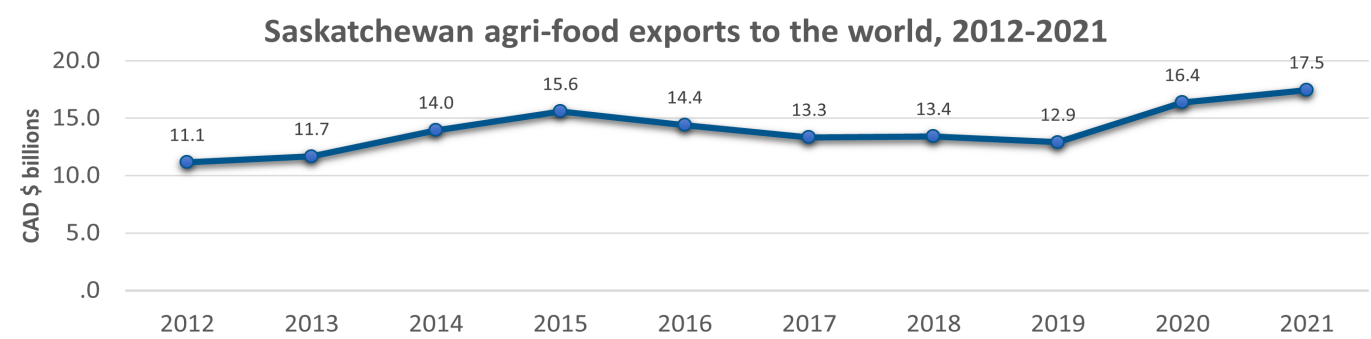
Agri-food exports represent more than 47 per cent of total Saskatchewan exports in 2021, valued at \$36.9 billion. Saskatchewan overcame multiple challenges, including infrastructure disruptions due to adverse weather events in British Columbia, as well as constraints in the supply chain related to railroad service, lack of containers and labour issues, to retain its global reputation as a reliable supplier of safe, high quality, sustainably produced agri-food products.

Nationally, Canadian agri-food exports to the world in 2021 were up 11 per cent in value, with sales of \$82.3 billion. Saskatchewan is the nation's second largest agri-food exporter, representing 21 per cent of total Canadian agri-food exports, behind Ontario by over \$2 billion.

Saskatchewan has grown its agricultural exports by more than 56 per cent since 2012. The province's ongoing international market expansion plans are progressing with the establishment of new trade and investment offices in the United Kingdom (U.K.), UAE, Mexico and Vietnam in addition to existing offices in Japan, India, China and Singapore.

The value-added processing and agriculture sectors are major components of Saskatchewan's Growth Plan goals, which include increasing crop production to 45 million tonnes, agriculture exports to \$20 billion, and value-added revenue to \$10 billion by 2030. The most recent example of progress toward these targets is the announcement by Federated Co-operatives Ltd. of their plans to develop a renewable diesel facility as well as a canola crushing plant in Regina, in partnership with AGT Foods, with a capacity of 1.1 million tonnes and combined economic benefits estimated at \$4.5 billion.

Value of major Saskatchewan agri-food exports to the world



Value of major Saskatchewan agri-food exports to the world, 2021

(CAD\$ millions)

Commodity	2019	2020	2021	Percentage of change from 2020-2021
Canola seed	2,445.8	3,601.4	3,591.9	-0.3%
Canola oil	1,706.0	1,761.0	2,659.8	51.0%
Non-durum wheat	2,379.0	2,751.6	2,622.0	-4.7%
Lentils	1,107.3	1,933.5	1,704.4	-11.9%
Durum	1,311.4	1,736.3	1,498.0	-13.7%
Peas	738.0	896.3	1,045.8	16.7%
Canola meal	665.3	803.3	869.7	8.3%
Soybeans	424.6	575.5	701.8	21.9%
Barley	396.3	476.3	674.2	41.5%
Oats	326.2	364.8	295.0	-19.1%
Flaxseed	218.2	266.2	271.7	2.1%
Cereal grains (hulled, rolled, flaked)	150.6	200.2	204.0	1.9%
Live cattle	142.9	133.1	152.4	14.5%
Chickpeas	91.5	69.5	149.0	114.3%
Canary seed	103.2	95.6	99.7	4.3%
Malt	120.7	96.6	92.7	-4.1%
Total agri-food exports	12,897.2	16,358.9	17,450.3	6.7%

Volume of major Saskatchewan agri-food exports to the world, 2021

(tonnes); Live cattle per head

Commodity	2019	2020	2021	Percentage of change from 2020-2021
Non-durum wheat	7,629,981	8,764,825	6,865,746	-21.7%
Canola seed	4,728,063	6,757,990	4,701,958	-30.4%
Durum	4,139,248	4,862,175	3,731,154	-23.3%
Peas	1,938,183	2,143,109	2,225,383	3.8%
Canola meal	1,823,031	2,115,654	2,220,872	5.0%
Barley	1,234,452	1,665,318	2,045,861	22.9%
Lentils	1,939,545	2,715,077	1,877,489	-30.8%
Canola oil	1,546,980	1,542,852	1,509,358	-2.2%
Soybeans	910,197	1,069,913	1,132,126	5.8%
Oats	1,058,340	1,183,010	871,171	-26.4%
Flaxseed	329,353	378,107	301,867	-20.2%
Cereal grains (hulled, rolled, flaked)	170,118	217,680	274,040	25.9%
Chickpeas	109,606	90,514	159,908	76.7%
Malt	180,631	140,821	146,716	4.2%
Canary seed	152,713	125,837	113,116	-10.1%
Live cattle	89,753	84,582	105,707	25.0%
Total agri-food exports	29,523,528	36,824,636	32,645,027	-11.4%

Price of major Saskatchewan agri-food exports to the world, 2021 (CAD\$/tonne); Live cattle per head				
Commodity	2019	2020	2021	Percentage of change from 2020-2021
Canola oil	1,102.8	1,141.4	1,762.2	54.4%
Live cattle	1,592.2	1,573.9	1,441.4	-8.4%
Lentils	570.9	712.1	907.8	27.5%
Flaxseed	662.6	704.0	900.2	27.9%
Canary seed	675.7	759.9	881.4	16.0%
Canola seed	517.3	532.9	763.9	43.4%
Cereal grains (hulled, rolled, flaked)	885.2	919.6	744.2	-19.1%
Malt	668.0	686.2	631.5	-8.0%
Soybeans	466.5	537.9	619.9	15.2%
Peas	380.8	418.2	469.9	12.4%
Durum	316.8	357.1	401.5	12.4%
Canola meal	365.0	379.7	391.6	3.1%
Non-durum wheat	311.8	313.9	381.9	21.6%
Oats	308.2	308.4	338.6	9.8%
Barley	321.0	286.0	329.5	15.2%

Agri-food export by Product

Saskatchewan exported more than \$7.1 billion worth of canola products, \$5.4 billion worth of cereal grains, and \$2.9 billion worth of pulse products in 2021. Compared to 2020, canola oil exports increased by 51 per cent, with the U.S. and South Korea experiencing increases of 73 per cent and 106 per cent respectively.

In 2021, the value of Saskatchewan agri-food exports increased for half of Saskatchewan's top 10 export commodities. The most significant increases were seen in canola oil, barley and soybeans. The volume of exports decreased for most products by 20 to 30 per cent in 2021 compared to 2020. Barley, canola meal, soybeans, and peas were the exception with increased export volumes. Severe drought across Western Canada slashed production for most crops in 2021 to almost half, and available stocks have significantly decreased, thus hindering export capacity.

Oilseeds

In 2021, Saskatchewan exported \$4.7 billion worth of oilseeds (canola seeds, soybeans and flaxseed) to the world, up three per cent compared to 2020 (\$4.6 billion). Key markets continued to be China, Japan, Mexico, the UAE and the U.S. Exports to the European Union (EU) decreased by 43 per cent, down from \$1.0 billion in 2020 to \$586 million in 2021. The EU imports canola seed/rapeseed primarily for their biofuels industry.

Canola

Saskatchewan's canola seed exports remained constant compared to 2020, with an export value of \$3.6 billion. Significant decrease in export volume (30 per cent) was compensated by a price hike (43 per cent in average). Saskatchewan export value increased for three of our top export markets, including China (19 per cent), Japan (33 per cent) and Mexico (66 per cent). Export value decreases occurred in Bangladesh (67 per cent), Pakistan (35 per cent) and the EU, (by over 50 per cent) in 2021 compared to 2020.

Saskatchewan canola oil exports decreased by 2.2 per cent in volume, but higher market prices resulted in an export value increase of over 50 per cent in 2021, jumping from \$1.8 billion in 2020 to \$2.7 billion in 2021. The U.S. was Saskatchewan's top canola oil market in 2021, with exports valued at \$1.9 billion, an increase of over 70 per cent compared to 2020. Canola oil exports to South Korea more than doubled in 2021, while Mexico's increased by 95 per cent.

Saskatchewan's exports of canola meal increased in volume by five per cent and in value by 8.3 per cent in 2021, bringing exports to \$870 million. The U.S. and China are Saskatchewan's top canola meal markets. Exports to the U.S. increased by nine per cent, with exports worth \$491 million in 2021. Canola meal exports to China grew less than one per cent, with exports of \$349 million in 2021.



Other Oilseeds

Saskatchewan's exports of soybeans increased in 2021 to a record \$702 million, an increase of 180 per cent over the last five years. Compared to 2020, exports increased by six percent in volume and by 22 per cent in value. Top soybean markets included China, Algeria and Bangladesh, representing together 57 per cent of trade.

Saskatchewan's exports of flaxseed increased slightly in 2021 to \$272 million (from \$266 million in 2020), although export volume decreased by 20 per cent. The U.S. and China remain the province's major markets for flaxseed with \$106 million and \$78 million respectively.

Cereal Grains

Exports of Saskatchewan cereal grains decreased slightly in 2021, from \$5.5 billion in 2020 to \$5.4 billion in 2021. A significant increase in prices, especially for wheat, was not enough to make up for decreased exported volume (16 per cent) in 2021.

Non-Durum Wheat

Overall, the province's exports of non-durum wheat decreased by 22 per cent in volume, but decreased by five per cent in value, reaching \$2.6 billion in 2021. Major export destinations including China, Indonesia and Japan saw decreases in non-durum wheat shipments in 2021, while emerging markets in Latin America including Colombia, Peru and Ecuador saw increases.

Durum

Saskatchewan's exports of durum decreased 14 per cent to \$1.5 billion in 2021, from \$1.7 billion in 2020. The volume of exports decreased by 23 per cent, reaching 3.7 million metric tonnes (MMT), the lowest levels in the last three years. In 2021, Algeria was our top durum export destination with sales of \$325 million, an increase of 133 per cent compared to 2020. Exports to Italy, Morocco and the U.S. declined by 41 per cent, 22 per cent and 27 per cent respectively.

Other Cereal Grains

In 2021, the province's exports of oats decreased by 19 per cent, from \$365 million to \$295 million. Lower stocks from the previous year, combined with a smaller crop in 2021, resulted in lower supplies and exportable amounts. The U.S. is the largest oats destination by far, accounting for 84 per cent of oats exports. Other key markets such as Mexico, Chile and Japan saw export decreases in 2021.

Saskatchewan's exports of barley increased by 42 per cent in 2021, from \$476 million in 2020 to \$674 million. Despite severely drought-affected production in 2021, available carry-over stocks provided ample quantities for exports in 2021, which jumped to 2.1 MMT, up from 1.7 MMT in 2020. Exports to China showed the highest growth, increasing 80 per cent with sales of \$627 million in 2021. Barley exports to Japan dropped 88 per cent to \$11 million in 2021.

Pulses

Saskatchewan's total pulse (lentils, peas and chickpeas) exports in 2021 were similar to 2020 and valued at \$2.9 billion, in spite of a 14 per cent decrease in exported volumes.

Lentils

In 2021, lentil exports decreased by 31 per cent in volume, and by 12 per cent in value, compared to 2020. Saskatchewan exported 1.9 MMT of lentils worth \$1.7 billion in 2021. India, Turkey and the UAE continue to dominate lentil trade with 57 per cent. Exports to India continued to be hindered by high tariffs and fumigation requirements, which resulted in sales volumes dwindling to 466,500 metric tonnes in 2021, down 34 per cent from 2020. Trade with Bangladesh was also lowered by 39 per cent for the same period. Lentil exports to Turkey decreased in volume by 22 per cent, but the value increased by six per cent due to price hikes.

Dry Peas

Peas exports continued their upward trend in 2021, underpinned by a strong global demand for plant-based protein. Saskatchewan exported 2.2 MMT of peas in 2021, worth more than \$1 billion dollars. This is an increase of four per cent in volume and 17 per cent in value compared to 2020.

The pea trade dominance shifted over the last few years from India to China. In 2021, Saskatchewan's exports to China reached 1.4 MMT worth \$610 million, up 28 per cent from 2020. Exports to the U.S. recovered from disappointing trade in 2020. Exports to the U.S. moved from 44,200 metric tonnes worth \$28 million in 2020 to 171,000 metric tonnes worth \$100 million in 2021.

Chickpeas

Saskatchewan's chickpea export market was worth \$149 million in 2021, with Pakistan and the U.S. dominating destinations with 30 and 23 per cent, respectively, of total Saskatchewan exports. Other destinations include the Middle East countries, Italy, the U.K. and Sri Lanka.



Livestock

Saskatchewan's livestock industry depends on both inter-provincial and international trade. Based on Saskatchewan cattle permits in 2021, close to 1.3 million head of cattle left the province. The majority of Saskatchewan inter-provincial export of cattle was to Alberta in 2021, at over 987,500 head.

The U.S. market makes up 100 per cent of Saskatchewan's international live cattle exports. In 2021, Saskatchewan's exports of live cattle increased by 25 per cent in number (105,707 cattle) and 15 per cent in value, reaching \$152 million.

The U.S. herd is decreasing which may explain the upward trend for imports of our cattle. Saskatchewan average prices in 2021 for feeder cattle were up 2.2 per cent compared with 2020. This could be a contributing factor to an increase in value.

Exports of live swine increased in 2021 by seven per cent from \$56 million to \$60 million. The U.S. is Saskatchewan's largest swine export market, with exports of \$47 million in 2021, an increase of over 80 per cent compared to 2020. Vietnam and Russia are emerging live swine export markets, accounting for 11 per cent and eight per cent, respectively, of exports in 2021.

Saskatchewan's Top 15 Agri-Food Export Markets

Out of Saskatchewan's top 15 agri-food export markets, eight countries showed growth in the value of exports in 2021. The most significant increases were seen in the U.S., China, Mexico and Algeria. Bangladesh, India, Italy and Morocco saw their imports from Saskatchewan decline.

In 2021, Saskatchewan exported over \$350 million worth of agri-food products to each of 10 different countries. Saskatchewan agri-food export markets, however, continue to be dominated by the U.S. with 25 per cent, followed by China with 20 per cent, and Japan with eight per cent. Mexico and the UAE markets are expanding, while India has seen its contribution significantly dropping from five per cent to two per cent in the last five years.

Saskatchewan's agri-food exports to many countries in the EU, North Africa and Middle East fluctuate depending on weather conditions and their impact on local productions, available supplies and prices from other competitors, and other market considerations (stocks, supply chain, tariffs and trade policies).

Over the last year and going into 2022, fundamental factors including the war on Ukraine, lingering supply chain issues and the energy crisis have shifted the global focus toward food security. The situation in the Black Sea, combined with limited supplies from major exporters, is increasing concern in the global community about the possible inability of current agri-food supplies to satisfy global demand.

Some international markets are increasing barriers to trade to test for crop protection products, weed seeds and presence of biotechnology products. These new requirements add costs and complexity to international trade.

Despite a severe drought in 2021 and numerous constraints in the supply chain, Canada and Saskatchewan have delivered outstanding results and are recognized as a trusted, safe, stable and reliable supplier of a wide range of agri-food products and commodities.

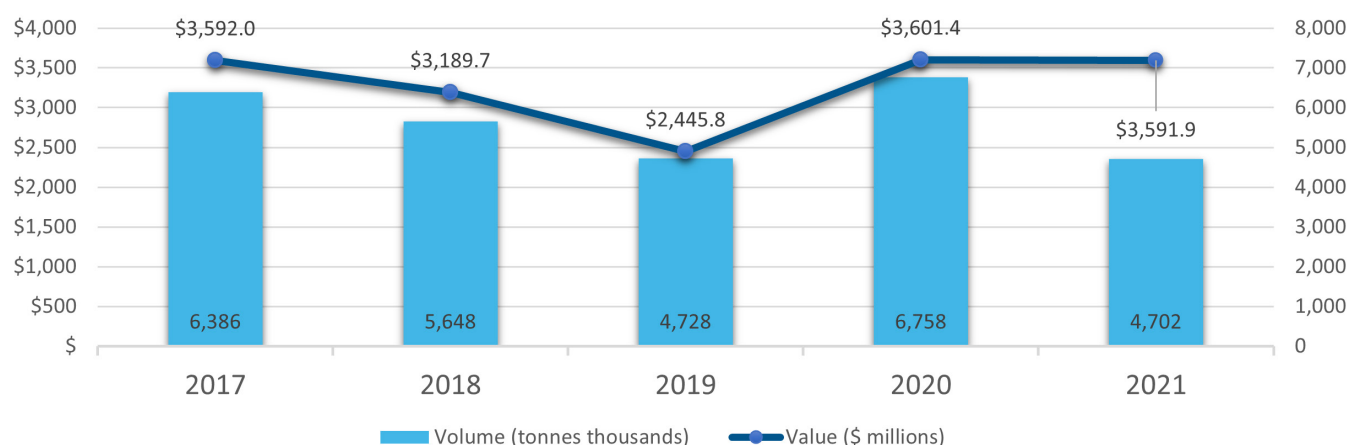
Value of major Saskatchewan agri-food export markets, 2021 (CAD\$ millions)				
Country	2019	2020	2021	Percentage of change from 2020-2021
United States	3,236.4	3,301.2	4,294.0	30.1%
China (People's Republic of)	2,027.3	2,964.7	3,560.0	20.1%
Japan	1,073.0	1,232.1	1,326.8	7.7%
Mexico	548.7	673.2	958.8	42.4%
United Arab Emirates	411.4	627.4	635.9	1.4%
Algeria	364.7	292.1	556.5	90.5%
Bangladesh	587.3	601.9	482.4	-19.8%
India	329.4	498.7	398.9	-20.0%
Turkey	259.2	440.0	387.0	-12.0%
Italy	286.2	528.6	354.6	-32.9%
Colombia	257.6	277.0	317.2	14.5%
Peru	209.6	321.7	303.6	-5.6%
Morocco	243.9	424.0	298.1	-29.7%
Belgium	151.6	262.9	279.6	6.4%
Indonesia	322.1	306.0	270.0	-11.8%

Canola seed

Value of canola seed exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	2,445.8	3,601.4	3,591.9	-0.3%
1	China (People's Republic of)	471.3	829.3	984.9	18.8%
2	Japan	616.6	697.8	926.9	32.8%
3	Mexico	299.2	377.9	626.7	65.8%
4	United Arab Emirates	207.0	347.8	336.3	-3.3%
5	France	184.8	364.4	237.3	-34.9%
6	United States	170.2	173.4	162.3	-6.4%
7	Pakistan	224.8	236.1	152.8	-35.3%
8	Belgium	65.3	65.3	64.4	-1.4%
9	Bangladesh	64.7	133.1	43.5	-67.3%
10	Netherlands	0.0	150.2	40.0	-73.4%

Volume of canola seed exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	4,728,063	6,757,990	4,701,958	-30.4%
1	China (People's Republic of)	885,215	1,477,948	1,267,567	-14.2%
2	Japan	1,188,674	1,319,634	1,125,382	-14.7%
3	Mexico	593,976	730,552	818,092	12.0%
4	United Arab Emirates	426,729	658,730	421,868	-36.0%
5	France	376,737	725,491	383,512	-47.1%
6	United States	280,520	299,198	230,285	-23.0%
7	Pakistan	442,627	453,418	216,193	-52.3%
8	Belgium	142,937	124,278	93,959	-24.4%
9	Bangladesh	116,112	257,590	64,778	-74.9%
10	Netherlands	0.0	272,531	56,906	-79.1%

Value and volume of canola seed exports to the world

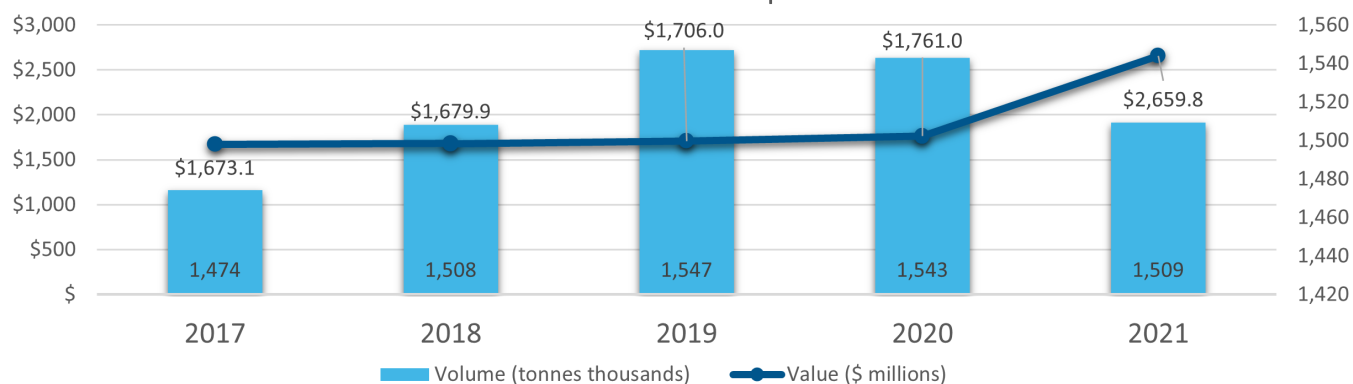


Canola oil

Value of canola oil exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,706.0	1,761.0	2,659.8	51.0%
1	United States	1,062.9	1,092.3	1,884.9	72.6%
2	China (People's Republic of)	380.1	363.7	351.2	-3.4%
3	Korea (Rep. of)	62.4	71.0	146.4	106.3%
4	Chile	82.5	110.9	124.1	11.9%
5	Mexico	60.0	59.1	115.0	94.7%
6	Japan	15.5	26.4	14.1	-46.6%
7	Taiwan	7.2	8.1	9.1	12.0%
8	Hong Kong	20.6	18.0	8.6	-52.3%
9	Colombia	0.9	1.0	4.4	323.2%
10	United Arab Emirates	0.2	0.0	0.6	---

Volume of canola oil exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,546,980	1,542,852	1,509,358	-2.2%
1	United States	901,428	890,580	1,018,326	14.3%
2	China (People's Republic of)	384,154	357,843	241,738	-32.4%
3	Korea (Rep. of)	65,496	66,503	85,790	29.0%
4	Chile	83,392	107,476	76,899	-28.4%
5	Mexico	53,434	55,249	62,817	13.7%
6	Japan	14,888	25,653	7,503	-70.8%
7	Hong Kong	20,843	17,259	6,101	-64.7%
8	Taiwan	7,002	7,818	6,020	-23.0%
9	Colombia	1,003	1,002	2,918	191.2%
10	United Arab Emirates	192	0	361	---

Value and volume of canola oil exports to the world

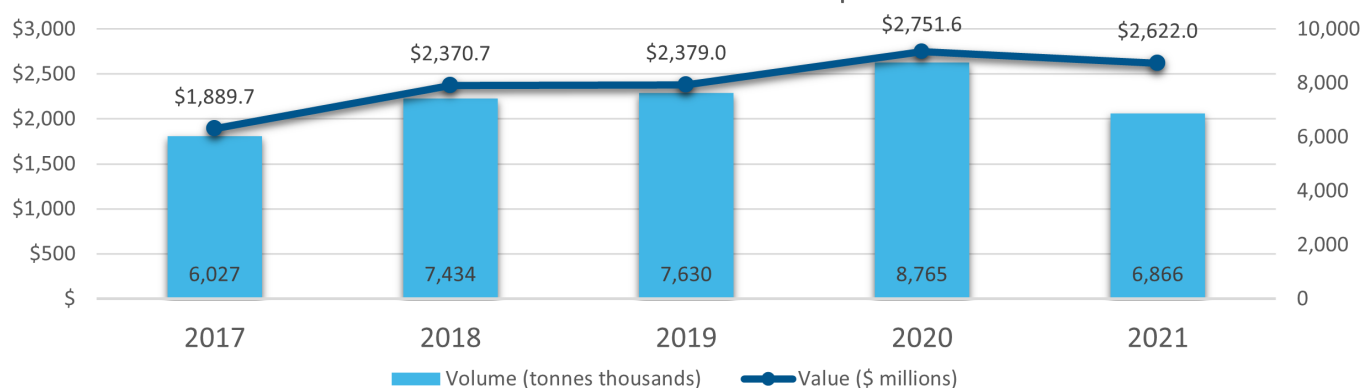


Non-durum wheat

Value of non durum wheat exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	2,379.0	2,751.6	2,622.0	-4.7%
1	China (People's Republic of)	187.0	409.4	339.0	-17.2%
2	Indonesia	298.0	290.4	253.4	-12.8%
3	Japan	237.2	257.7	234.7	-8.9%
4	Colombia	163.3	167.6	207.5	23.8%
5	Peru	132.0	194.6	206.5	6.1%
6	Ecuador	72.9	81.4	159.1	95.5%
7	United States	168.1	178.7	150.9	-15.5%
8	Bangladesh	173.1	152.3	131.7	-13.5%
9	Nigeria	96.5	107.3	112.6	4.9%
10	Mexico	88.3	95.8	90.2	-5.8%

Volume of non durum wheat exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	7,629,981	8,764,825	6,865,746	-21.7%
1	China (People's Republic of)	553,163	1,221,252	935,951	-23.4%
2	Indonesia	970,120	980,886	672,508	-31.4%
3	Japan	736,763	767,976	591,071	-23.0%
4	Peru	457,463	666,355	570,599	-14.4%
5	Colombia	563,867	561,444	545,771	-2.8%
6	Ecuador	247,430	272,508	415,701	52.5%
7	United States	541,732	556,432	415,081	-25.4%
8	Bangladesh	561,435	492,441	357,501	-27.4%
9	Nigeria	305,261	344,802	274,283	-20.5%
10	Mexico	287,419	318,014	229,258	-27.9%

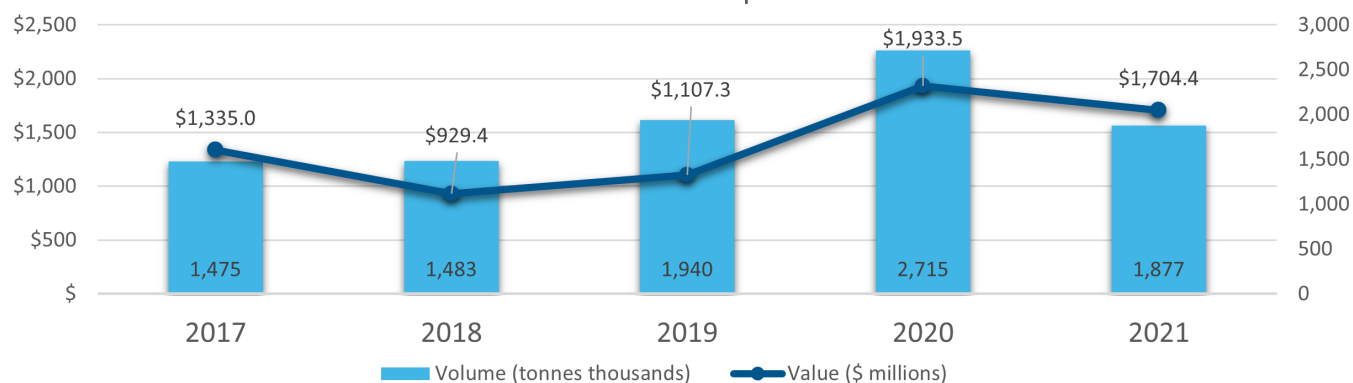
Value and volume of non durum wheat exports to the world



Value of lentils exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,107.3	1,933.5	1,704.4	-11.9%
1	India	267.4	474.8	391.2	-17.6%
2	Turkey	95.1	320.8	339.4	5.8%
3	United Arab Emirates	114.0	207.9	238.4	14.7%
4	Bangladesh	94.7	130.8	93.6	-28.5%
5	Colombia	63.5	68.0	70.0	2.9%
6	Algeria	34.3	42.3	66.0	56.1%
7	United States	46.7	49.4	57.6	16.5%
8	Pakistan	60.1	55.8	51.6	-7.6%
9	Egypt	25.3	58.8	47.5	-19.3%
10	Peru	25.9	47.4	36.3	-23.4%

Volume of lentils exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,939,545	2,715,077	1,877,489	-30.8%
1	India	508,227	703,167	466,525	-33.7%
2	Turkey	187,672	479,336	373,901	-22.0%
3	United Arab Emirates	193,947	290,349	271,553	-6.5%
4	Bangladesh	214,267	214,850	130,539	-39.2%
5	Colombia	100,913	89,916	69,360	-22.9%
6	United States	60,538	62,325	64,772	3.9%
7	Algeria	50,843	53,725	59,936	11.6%
8	Pakistan	112,003	86,561	58,731	-32.2%
9	Egypt	48,252	90,081	52,429	-41.8%
10	Peru	39,859	60,339	34,146	-43.4%

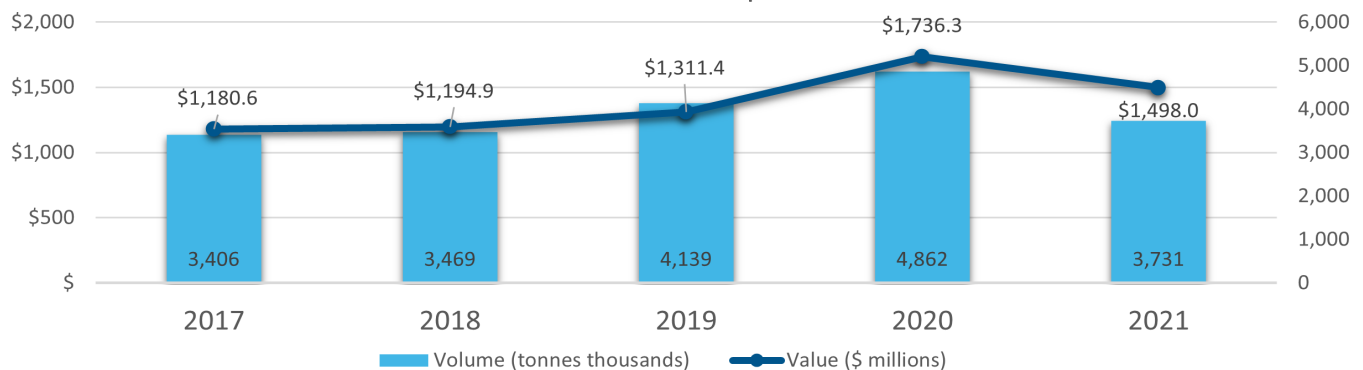
Value and volume of lentils exports to the world



Value of durum exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,311.4	1,736.3	1,498.0	-13.7%
1	Algeria	279.0	139.4	324.5	132.8%
2	Italy	235.5	462.3	271.6	-41.2%
3	Morocco	214.6	346.3	271.2	-21.7%
4	United States	132.6	134.1	97.9	-27.0%
5	Belgium	17.9	57.8	97.0	67.9%
6	Nigeria	17.9	64.4	77.5	20.5%
7	Japan	38.3	73.1	72.6	-0.7%
8	Tunisia	49.6	105.7	48.2	-54.4%
9	Venezuela	6.4	15.9	42.3	166.4%
10	Peru	38.2	52.2	41.3	-20.8%

Volume of durum exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	4,139,248	4,862,175	3,731,154	-23.3%
1	Algeria	857,666	361,634	826,922	128.7%
2	Italy	754,526	1,368,351	669,037	-51.1%
3	Morocco	666,403	919,181	655,917	-28.6%
4	United States	445,275	401,672	341,241	-15.0%
5	Belgium	49,656	151,655	224,330	47.9%
6	Japan	117,901	200,662	187,548	-6.5%
7	Nigeria	51,482	168,821	160,090	-5.2%
8	Tunisia	155,750	281,146	121,037	-56.9%
9	Turkey	518,689	326,605	93,428	-71.4%
10	Peru	119,578	153,794	92,342	-40.0%

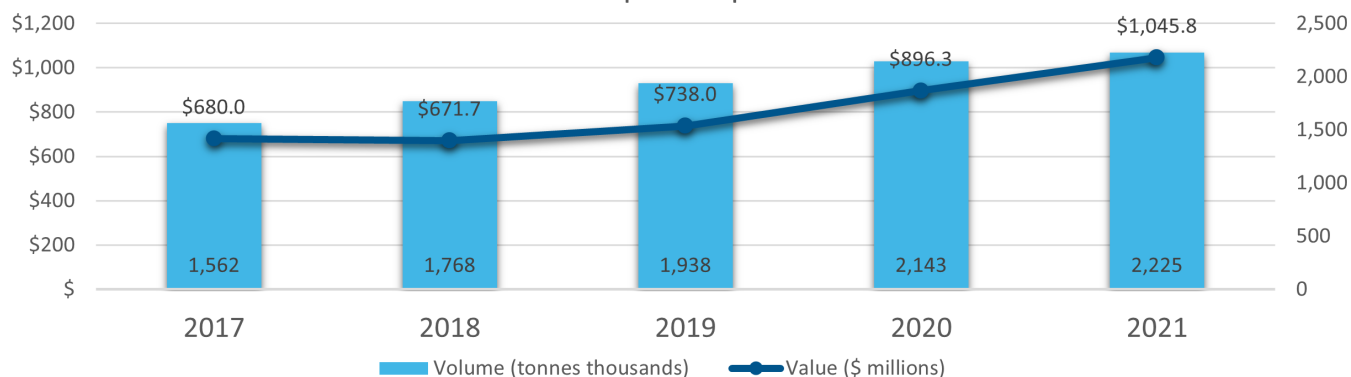
Value and volume of durum exports to the world



Value of peas exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	738.0	896.3	1,045.8	16.7%
1	China (People's Republic of)	371.2	477.8	609.6	27.6%
2	Bangladesh	92.6	134.0	119.1	-11.1%
3	United States	65.0	27.9	100.4	259.9%
4	Nepal	42.0	37.7	30.0	-20.6%
5	Cuba	7.5	24.4	27.0	10.4%
6	Colombia	8.7	20.5	19.1	-6.7%
7	Venezuela	1.3	4.2	14.3	241.5%
8	Philippines	10.3	18.7	14.3	-23.4%
9	United Arab Emirates	19.2	15.6	14.2	-8.7%
10	Peru	3.1	8.4	11.9	42.1%

Volume of peas exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,938,183	2,143,109	2,225,383	3.8%
1	China (People's Republic of)	1,042,364	1,270,897	1,415,387	11.4%
2	Bangladesh	292,327	349,968	286,244	-18.2%
3	United States	160,145	44,218	170,929	286.6%
4	Cuba	20,249	68,400	65,000	-5.0%
5	Nepal	96,762	74,971	51,818	-30.9%
6	Colombia	18,980	37,984	30,829	-18.8%
7	United Arab Emirates	53,116	29,140	24,121	-17.2%
8	Philippines	20,495	36,349	22,567	-37.9%
9	Venezuela	2,646	6,390	19,401	203.6%
10	Peru	5,830	13,422	16,427	22.4%

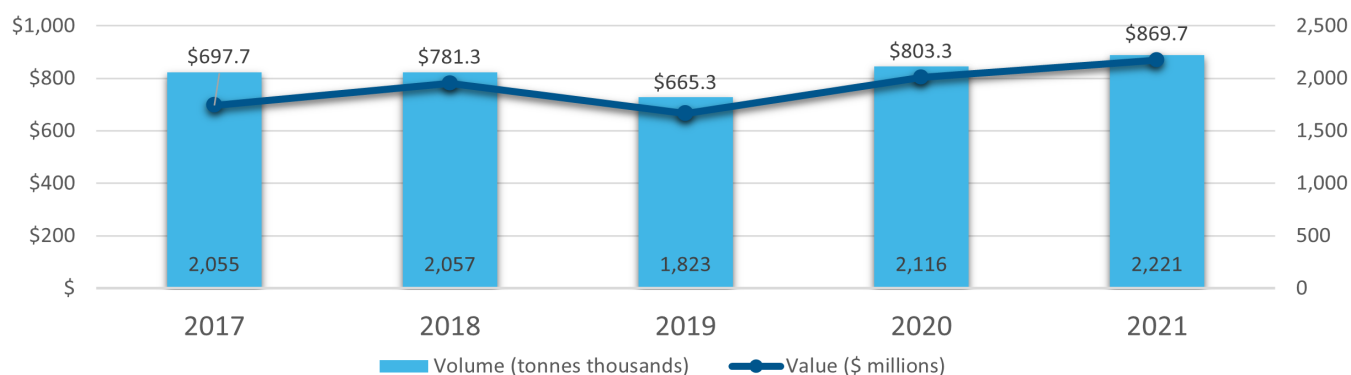
Value and volume of peas exports to the world



Value of canola meal exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	665.3	803.3	869.7	8.3%
1	United States	453.8	451.0	490.5	8.8%
2	China (People's Republic of)	196.0	347.2	348.9	0.5%
3	United Kingdom	0.0	0.0	15.1	---
4	Thailand	8.2	0.0	5.5	---
5	Ecuador	0.0	1.8	5.4	205.1%
6	Mexico	3.2	2.7	4.1	49.6%
7	Viet-Nam	2.7	0.0	0.4	---
8	Taiwan	0.0	0.0	0.0	---
9	Nepal	0.0	0.5	0.0	-100.0%
10	Indonesia	0.0	0.0	0.0	---

Volume of canola meal exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,823,031	2,115,654	2,220,872	5.0%
1	United States	1,256,326	1,172,509	1,113,832	-5.0%
2	China (People's Republic of)	522,546	928,681	997,279	7.4%
3	United Kingdom	0	0	61,301	---
4	Thailand	23,197	0	17,329	---
5	Ecuador	0	4,950	15,750	218.2%
6	Mexico	8,688	7,703	14,455	87.7%
7	Viet-Nam	8,238	0	926	---
8	Taiwan	0	0	0	---
9	Nepal	0	1,812	0	-100.0%
10	Indonesia	0	0	0	---

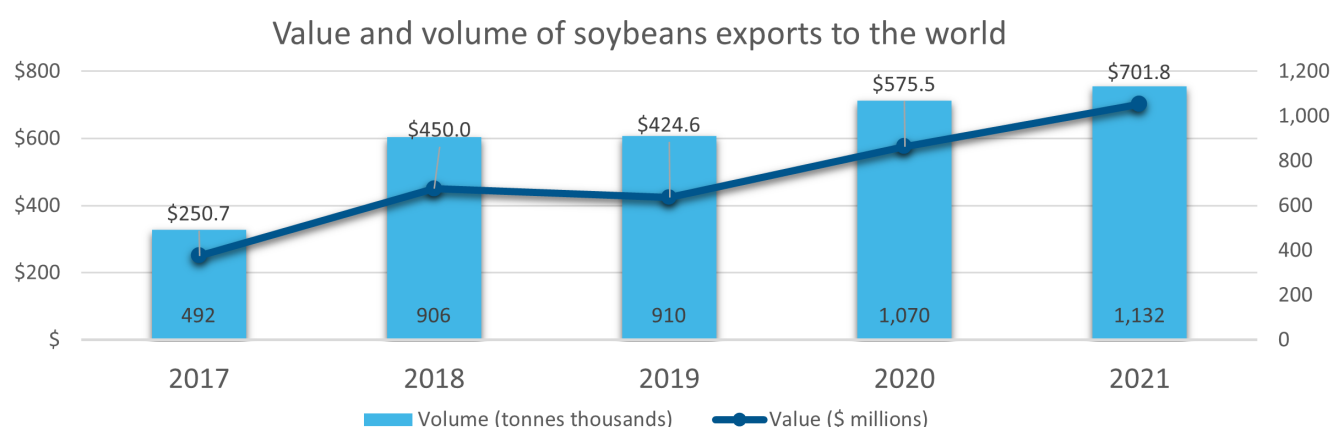
Value and volume of canola meal exports to the world



Soybeans

Value of soybeans exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	424.6	575.5	701.8	21.9%
1	China (People's Republic of)	0.2	76.2	156.7	105.5%
2	Algeria	31.7	102.8	150.7	46.5%
3	Bangladesh	161.8	51.6	94.5	83.0%
4	Netherlands	60.0	100.7	79.8	-20.7%
5	Iran (Islamic Rep. of)	62.4	126.8	76.3	-39.8%
6	Norway	14.2	20.7	40.3	94.8%
7	Germany	14.8	31.8	39.2	23.5%
8	Italy	6.7	14.6	21.1	45.2%
9	Israel	0.0	0.0	19.9	---
10	Japan	28.9	22.8	15.5	-32.2%

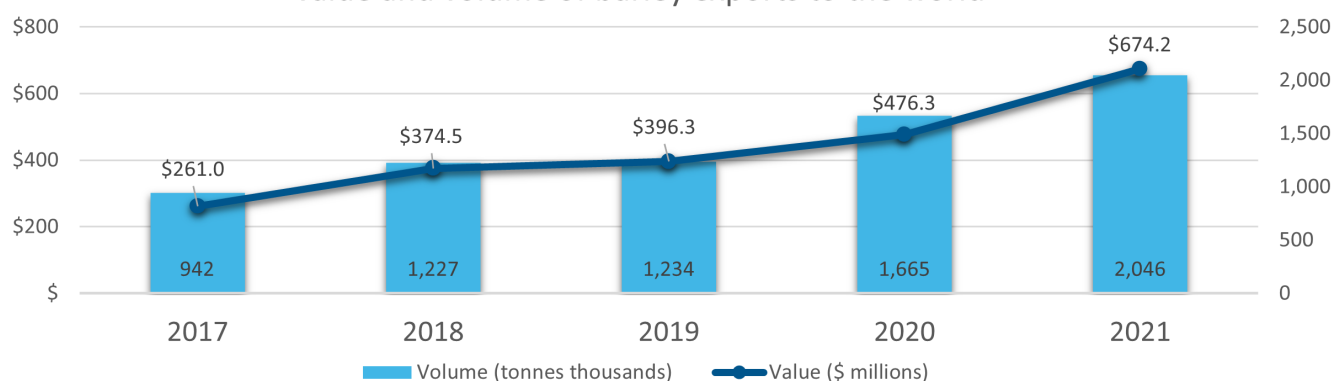
Volume of soybeans exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	910,197	1,069,913	1,132,126	5.8%
1	China (People's Republic of)	486	138,865	245,285	76.6%
2	Algeria	69,690	184,922	243,206	31.5%
3	Bangladesh	370,766	99,110	150,307	51.7%
4	Netherlands	131,796	187,653	129,970	-30.7%
5	Iran (Islamic Rep. of)	136,228	247,632	127,092	-48.7%
6	Norway	25,000	34,752	71,713	106.4%
7	Germany	32,989	59,586	64,976	9.0%
8	Italy	14,744	32,300	34,828	7.8%
9	Israel	0	0	29,500	---
10	Japan	41,350	33,139	23,446	-29.2%



Value of barley exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	396.3	476.3	674.2	41.5%
1	China (People's Republic of)	290.3	348.3	627.1	80.1%
2	United States	26.6	29.5	36.3	23.0%
3	Japan	57.8	89.0	10.6	-88.0%
4	Lithuania	0.0	0.0	0.1	---
5	Korea (Rep. of)	2.0	0.0	0.0	-39.4%
6	Malaysia	0.0	0.0	0.0	-33.9%
7	Guyana	0.0	0.0	0.0	-73.6%
8	Russian Federation	0.0	0.0	0.0	---
9	Ukraine	0.0	0.0	0.0	---
10	Mexico	0.0	9.2	0.0	-100.0%

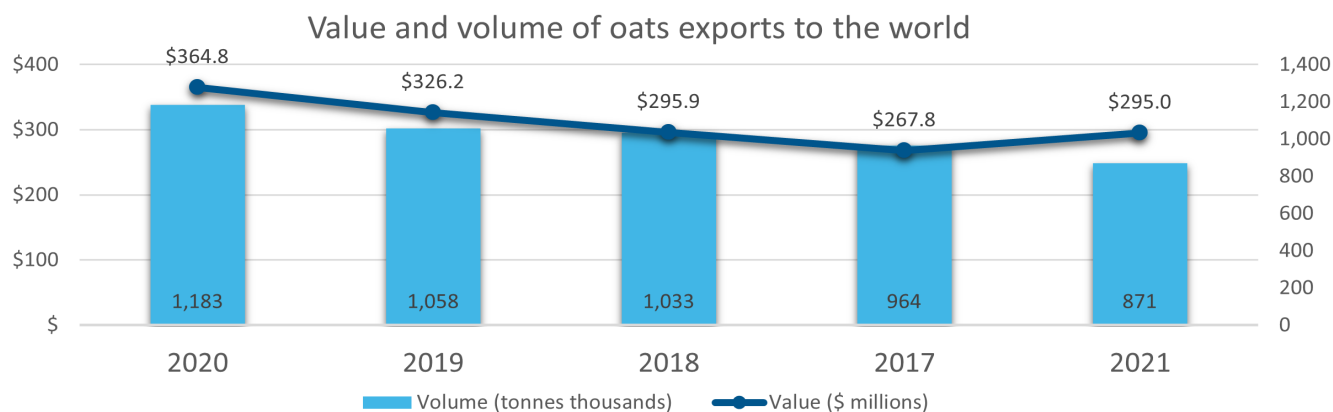
Volume of barley exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,234,452	1,665,318	2,045,861	22.9%
1	China (People's Republic of)	887,848	1,232,987	1,924,814	56.1%
2	United States	80,779	89,632	89,824	0.2%
3	Japan	195,759	315,260	30,750	-90.2%
4	Lithuania	0	0	362	---
5	Korea (Rep. of)	6,590	129	73	-43.4%
6	Malaysia	40	45	30	-33.3%
7	Guyana	0	23	6	-73.9%
8	Russian Federation	0	0	2	---
9	Mexico	0	26,623	0	-100.0%
10	St Vincent and the Grenadines	0	0	0	---

Value and volume of barley exports to the world



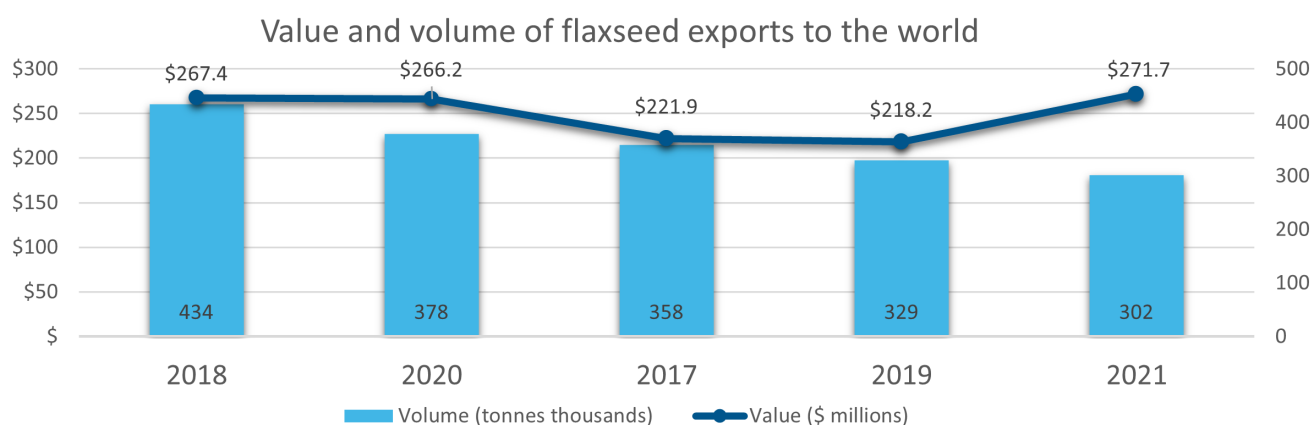
Value of oats exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	326.2	364.8	295.0	-19.1%
1	United States	271.9	274.6	246.7	-10.2%
2	Mexico	22.1	27.8	14.6	-47.6%
3	Chile	0.0	26.2	10.8	-58.8%
4	Japan	8.2	8.9	8.6	-4.1%
5	China (People's Republic of)	1.2	3.0	4.7	58.0%
6	Peru	5.4	9.1	3.1	-66.2%
7	Korea (Rep. of)	4.5	4.9	2.7	-44.8%
8	United Arab Emirates	7.0	5.4	1.7	-68.2%
9	Sri Lanka	2.6	1.6	1.5	-9.5%
10	Philippines	0.1	0.3	0.2	-29.5%

Volume of oats exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	1,058,340	1,183,010	871,171	-26.4%
1	United States	885,794	897,878	737,448	-17.9%
2	Mexico	77,307	96,543	49,284	-49.0%
3	Chile	0	87,227	30,413	-65.1%
4	Japan	19,825	20,772	18,160	-12.6%
5	Peru	19,897	31,532	9,194	-70.8%
6	China (People's Republic of)	2,229	5,726	8,766	53.1%
7	Korea (Rep. of)	11,567	11,705	6,448	-44.9%
8	United Arab Emirates	23,810	17,847	5,531	-69.0%
9	Sri Lanka	7,887	5,085	4,461	-12.3%
10	Philippines	244	699	415	-40.6%



Value of flaxseed exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	218.2	266.2	271.7	2.1%
1	United States	80.3	73.3	105.7	44.1%
2	China (People's Republic of)	101.8	84.8	78.4	-7.6%
3	Belgium	17.6	81.8	62.7	-23.4%
4	United Kingdom	1.1	1.4	3.0	120.0%
5	Mexico	1.6	2.2	2.7	23.1%
6	Colombia	1.0	1.9	2.2	13.6%
7	Japan	2.2	1.6	2.0	23.4%
8	Peru	1.7	2.1	1.8	-11.7%
9	Ecuador	0.8	0.7	1.3	96.9%
10	Egypt	0.1	0.0	1.2	---

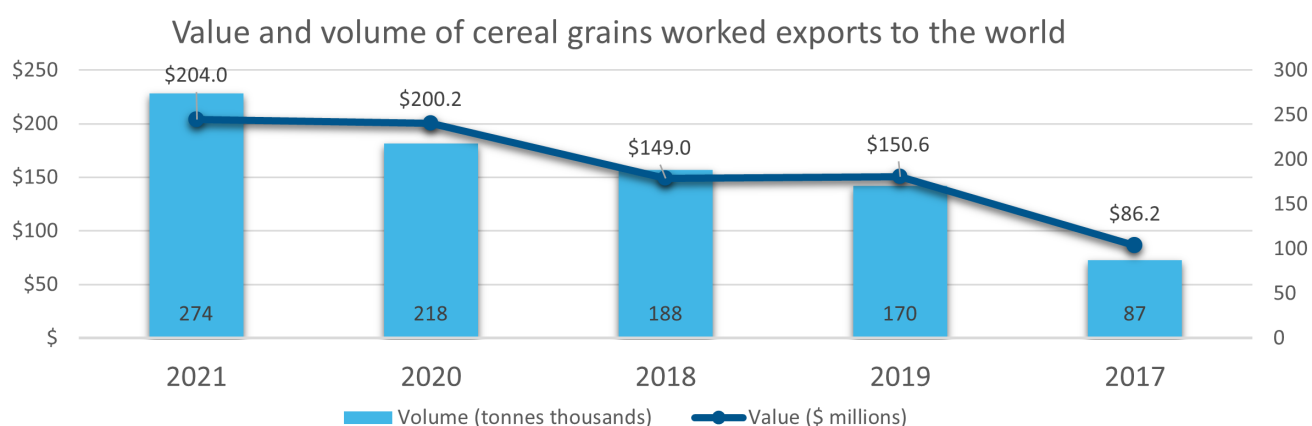
Volume of flaxseed exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	329,353	378,107	301,867	-20.2%
1	China (People's Republic of)	174,679	132,880	104,817	-21.1%
2	United States	100,373	81,664	92,066	12.7%
3	Belgium	30,071	130,622	72,698	-44.3%
4	Mexico	2,273	2,802	4,008	43.0%
5	United Kingdom	1,176	1,989	3,050	53.3%
6	Japan	3,417	2,358	3,047	29.2%
7	Colombia	1,300	2,708	2,912	7.6%
8	Peru	2,057	2,483	2,371	-4.5%
9	Ecuador	1,062	884	1,781	101.4%
10	Egypt	135	0	1,588	---



Cereal grains (hulled, rolled, flaked)

Value of cereal grains worked exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	150.6	200.2	204.0	1.9%
1	United States	144.9	194.7	201.6	3.5%
2	Malaysia	0.5	0.9	0.8	-10.0%
3	New Zealand	0.4	0.6	0.3	-47.4%
4	China (People's Republic of)	0.1	0.4	0.2	-40.9%
5	Taiwan	0.0	0.0	0.2	---
6	Jamaica	0.2	0.6	0.1	-77.2%
7	Australia	0.0	0.1	0.1	68.4%
8	Barbados	0.0	0.3	0.1	-62.8%
9	Philippines	0.5	1.1	0.1	-92.3%
10	South Africa	0.0	0.1	0.1	20.4%

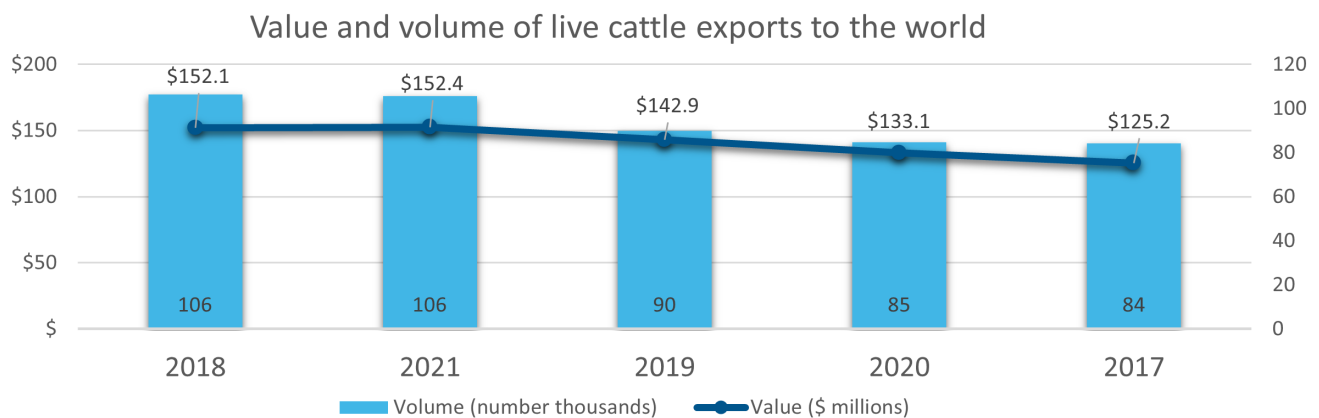
Volume of cereal grains worked exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	170,118	217,680	274,040	25.9%
1	United States	161,149	209,658	270,148	28.9%
2	Malaysia	645	1,233	1,345	9.1%
3	New Zealand	689	1,107	550	-50.3%
4	China (People's Republic of)	212	681	331	-51.5%
5	Taiwan	0	0	278	---
6	Australia	81	125	208	67.0%
7	Jamaica	181	729	198	-72.9%
8	Barbados	69	521	197	-62.2%
9	South Africa	43	117	146	24.7%
10	Zimbabwe	0	131	120	-8.3%



Live cattle

Value of live cattle exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	142.9	133.1	152.4	14.5%
1	Minnesota	63.0	81.5	83.9	2.9%
2	Nebraska	32.2	30.1	50.6	68.3%
3	South Dakota	4.3	5.8	6.9	19.8%
4	Colorado	16.3	6.7	6.9	3.7%
5	Wyoming	2.7	0.1	1.4	970.0%
6	Montana	2.6	2.4	0.6	-73.8%
7	North Dakota	1.0	0.8	0.4	-50.4%
8	Iowa	2.5	2.3	0.3	-85.9%
9	Washington	14.8	0.8	0.2	-79.7%
10	Texas	0.7	0.1	0.1	136.1%

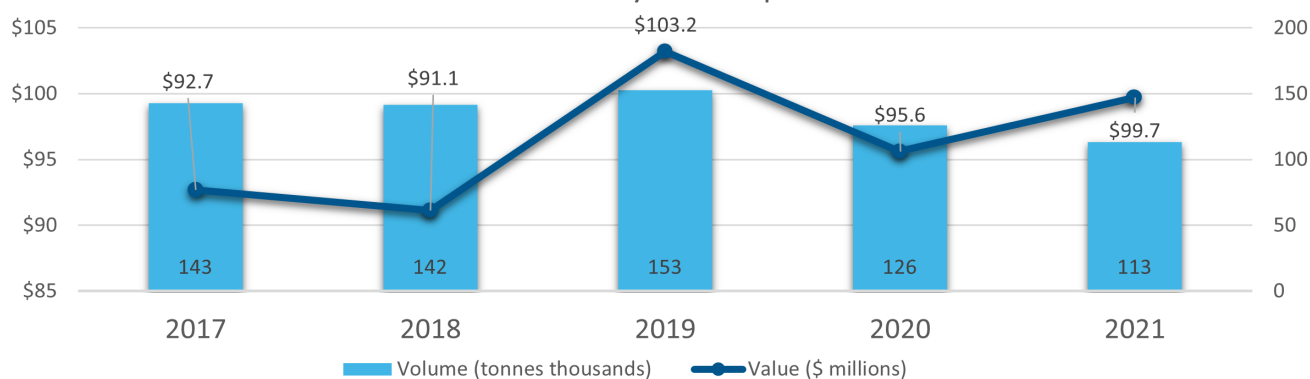
Volume of live cattle exports, 2021 (number)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	89,753	84,582	105,707	25.0%
1	Minnesota	36,097	49,379	57,323	16.1%
2	Nebraska	23,106	21,285	36,425	71.1%
3	South Dakota	3,403	4,038	5,324	31.8%
4	Colorado	11,849	4,489	4,827	7.5%
5	Wyoming	1,934	12	1,112	9166.7%
6	Oklahoma	7	14	143	921.4%
7	Iowa	1,447	1,616	140	-91.3%
8	Montana	1,858	1,452	117	-91.9%
9	North Dakota	178	136	62	-54.4%
10	Washington	7,831	663	50	-92.5%



Value of canary seed exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	103.2	95.6	99.7	4.3%
1	Mexico	22.7	29.0	38.5	32.7%
2	Belgium	14.0	7.7	14.5	88.4%
3	United States	4.2	4.7	6.1	31.7%
4	Spain	6.4	5.8	5.9	2.1%
5	Indonesia	7.4	3.4	4.2	21.8%
6	Colombia	4.8	4.6	3.7	-20.6%
7	Algeria	3.3	3.5	3.2	-8.8%
8	China (People's Republic of)	1.6	2.2	2.4	11.1%
9	Tunisia	1.6	2.4	2.4	-2.4%
10	Morocco	2.0	3.5	2.1	-39.1%

Volume of canary seed exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	152,713	125,837	113,116	-10.1%
1	Mexico	35,275	35,667	43,989	23.3%
2	Belgium	20,637	14,557	13,597	-6.6%
3	Spain	9,424	7,675	7,260	-5.4%
4	United States	6,187	5,942	6,558	10.4%
5	Indonesia	11,227	4,623	4,961	7.3%
6	Colombia	6,990	5,803	4,433	-23.6%
7	Algeria	4,259	4,108	3,834	-6.7%
8	China (People's Republic of)	2,478	3,076	3,002	-2.4%
9	Tunisia	2,212	2,887	2,727	-5.5%
10	Morocco	2,974	4,393	2,574	-41.4%

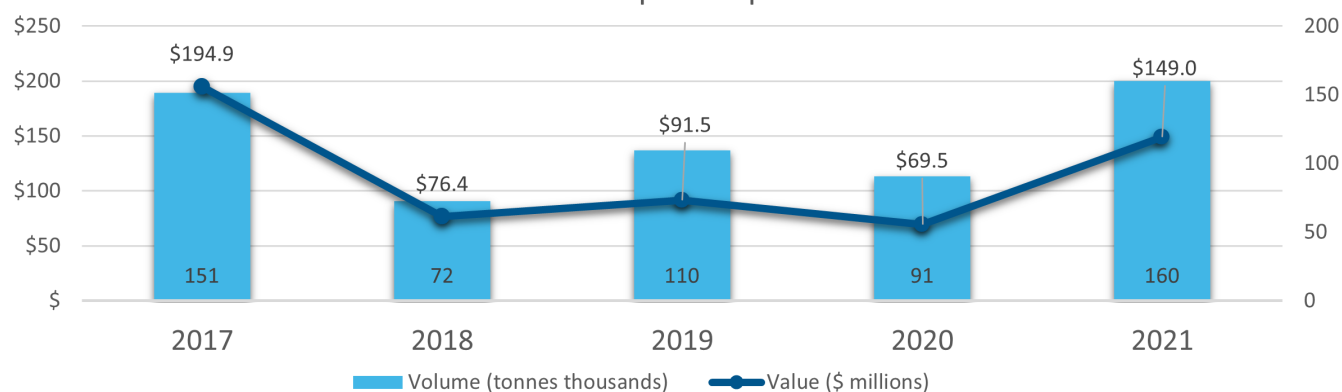
Value and volume of canary seed exports to the world



Value of chickpeas exports, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	91.5	69.5	149.0	114.3%
1	Pakistan	25.6	17.7	44.1	148.7%
2	United States	18.7	23.9	34.9	45.9%
3	Turkey	0.9	1.4	7.9	455.3%
4	Syrian Arab Republic	5.3	0.5	7.3	1315.3%
5	Italy	1.4	2.2	7.2	233.2%
6	Israel	1.4	2.4	5.8	143.6%
7	Lebanon	1.8	0.9	5.5	526.5%
8	United Arab Emirates	2.9	0.5	5.4	1001.8%
9	United Kingdom	4.0	3.9	4.1	5.9%
10	Korea (Rep. of)	0.5	0.5	3.2	557.5%

Volume of chickpeas exports, 2021 (Tonnes)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	109,606	90,514	159,908	76.7%
1	Pakistan	33,962	25,388	48,889	92.6%
2	United States	18,139	32,510	43,892	35.0%
3	Syrian Arab Republic	6,147	544	7,832	1338.8%
4	Turkey	776	1,597	7,760	386.0%
5	Italy	1,952	2,772	7,345	165.0%
6	Lebanon	2,101	1,380	5,744	316.2%
7	United Arab Emirates	3,666	624	5,178	730.1%
8	Israel	1,779	2,527	4,842	91.6%
9	United Kingdom	5,098	3,811	3,393	-11.0%
10	Sri Lanka	1,776	495	2,820	470.1%

Value and volume of chickpeas exports to the world



Value of Saskatchewan agri-food imports, 2021

Value of Saskatchewan top 10 agri-food import markets, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	974.0	890.9	1,121.2	25.8%
1	United States	861.9	778.0	1,014.2	30.4%
2	Mexico	20.9	22.2	21.6	-3.0%
3	Belgium	7.8	1.3	11.3	783.5%
4	Colombia	3.5	11.1	11.1	0.2%
5	Chile	6.9	13.4	10.5	-21.4%
6	India	3.4	2.9	5.6	93.3%
7	Peru	1.4	3.0	4.8	61.4%
8	United Kingdom	5.9	6.0	4.4	-26.7%
9	Guatemala	4.5	3.2	4.1	29.8%
10	Philippines	9.0	2.5	3.1	26.3%

Value of Saskatchewan top 10 agri-food import commodities, 2021 (CAD\$ millions)					
Rank	Country	2019	2020	2021	Percentage of change from 2020-2021
	The World	974.0	890.9	1,121.2	25.8%
1	Cereals	152.7	53.8	237.1	340.9%
2	Food Waste *	85.5	125.6	186.0	48.1%
3	Vegetables	164.7	203.7	155.0	-23.9%
4	Meat	132.5	115.4	116.3	0.7%
5	Prepared Meat, Fish	123.6	105.8	99.6	-5.8%
6	Baking	76.4	80.1	70.7	-11.8%
7	Misc. Food	58.2	60.5	52.4	-13.4%
8	Beverages	55.3	46.9	48.3	3.0%
9	Edible Fruit, Nuts	31.0	26.0	37.8	45.2%

*Residue and waste from the food industry, i.e., dog/cat food for retail sale, and brewing and distilling waste, which makes up over 70 per cent of food waste sales.

