

U.S. Exports

U.S. dairy export volume hits 2-year high

In May, U.S. export volume was the most in more than two years, paced by record sales of nonfat dry milk/skim milk powder (NDM/SMP), improved shipments of cheese, strong exports of lactose and steady volume of whey products.

Southeast Asia remained the number-one market for U.S. dairy, once again posting record-high volume. Sales to China continued to improve. Exports to Mexico are still lagging year-ago levels, but the May volume was an improvement on April.

In May, U.S. suppliers shipped 210,429 tons of milk powders, cheese, whey products, lactose and butterfat, 18% more than the year before. This was the highest figure since April 2018. On a solids basis, exports were also up 18%. The value of all exports was \$585.2 million, 8% more than a year ago.

Exports of NDM/SMP were 79,163 tons in May, the most ever, and up 24% from a year ago. Sales to Southeast Asia nearly doubled, and exports to the region accounted for almost half of all NDM/SMP volume. In the first five months of the year, U.S. powder exports to Southeast Asia were up 55% from last year, an increase of more than 10,600 tons per month.

Meanwhile, NDM/SMP sales to the Middle East/North Africa (MENA) region were the most in almost six years, and shipments to China were up more than six-fold from a year ago. In contrast, powder exports to Mexico continue to lag, with volume down 28% from last May.

Cheese exports rebounded to 35,605 tons, up 8%. May was the second-best month ever. Shipments to South Korea (+40% to a record high) and Japan (+45% to the most in almost six years) drove the gains, while sales to Australia and China more than doubled. Meanwhile, shipments to the MENA region, Mexico and Central America were lower.

May **whey** exports were 44,304 tons, on par with previous months. This volume was up 16% from the depressed levels of last year, though it still trailed the strong pace of 2018. All the growth in May came from China, where volume was up 153% from last year. Relative to a year ago, whey volume was lower to Mexico, South Korea and Canada. Shipments of whey protein isolate (WPI) dipped to a seven-month low, though they were still 20% above last year. Gains were posted in volume to China, the EU and Southeast Asia.

U.S. **lactose** exports reached a 10-month high of 36,429 tons, up 18%. Suppliers increased sales to Southeast Asia, China and Japan.

U.S. Exports

	LATEST MONTH		MAY (VOLUME, MT)			YEAR-TO-DATE		JANUARY-MAY (VOLUME, MT)	
	2018	2019	2020	% CHG		2018	2019	2020	% CHG
NDM/SMP*	70,204	63,607	79,163	+24	NDM/SMP*	326,938	285,190	333,460	+16
WMP*	4,064	2,675	4,909	+83	WMP*	20,539	11,841	17,116	+44
Cheese	29,877	33,005	35,605	+8	Cheese	151,841	162,297	154,604	-5
Butterfat	3,955	2,345	2,186	-7	Butterfat	17,184	11,474	9,110	-21
Total Whey	53,296	38,165	44,304	+16	Total Whey	255,116	183,870	212,228	+15
-Dry whey	22,417	12,971	16,394	+26	-Dry whey	102,693	68,681	79,422	+15
-WPC	14,975	12,051	12,723	+6	-WPC	78,000	46,031	56,280	+21
-Modified whey	11,813	9,518	10,849	+14	-Modified whey	57,346	50,303	52,586	+4
-WPI	4,090	3,625	4,339	+20	-WPI	17,076	18,855	23,941	+26
Lactose	34,867	30,815	36,429	+18	Lactose	173,305	152,131	166,775	+9
MPC	2,882	3,296	3,885	+18	MPC	12,665	14,675	19,607	+33
Food preps (blends)	5,754	4,992	3,949	-21	Food preps (blends)	27,255	22,206	24,010	+7
Aggregate volume**	204,898	178,900	210,429	+18	Aggregate volume**	984,843	843,684	936,911	+10
Milk/cream (000 liters)	9,533	11,790	10,988	-7	Milk/cream (000 liters)	45,826	53,950	50,889	-6
Total Value (millions) **	\$ 510.9	\$ 541.3	\$ 585.2	+8	Total Value (millions) **	\$ 2,422.0	\$ 2,473.8	\$ 2,781.9	+12

* U.S. Census Bureau data for NDM/SMP and WMP since June 2016 adjusted to reflect shipments to Mexico misclassified as WMP.

** Aggregate volume includes the products listed above, except fluid milk. Total value includes other products in addition to the ones listed here.

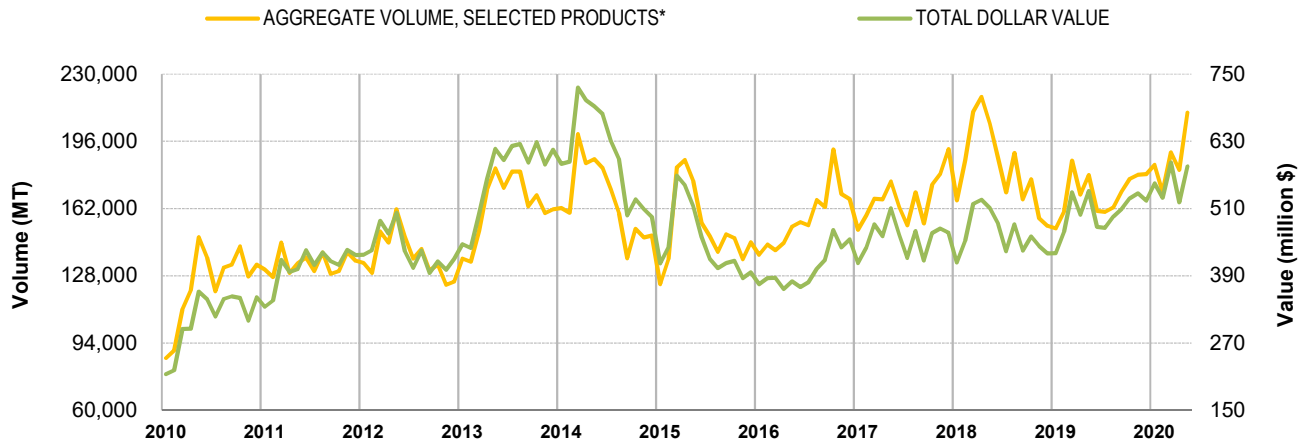
Percent changes adjusted for leap day in 2020.

Source: USDEC, U.S. Bureau of Census.

U.S. Exports

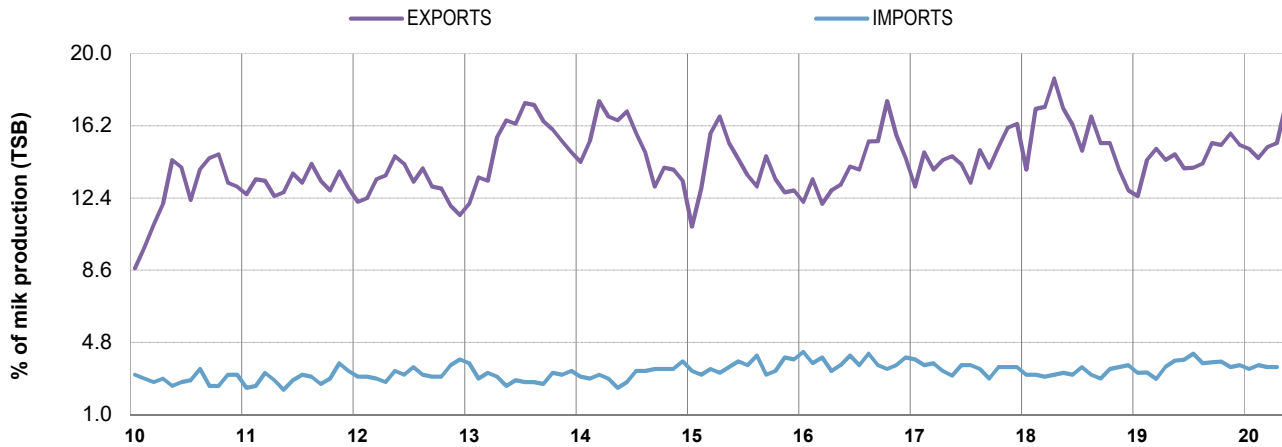
U.S. EXPORTS

VOLUME AND VALUE



* Volume includes SMP, WMP, MPC, whey, cheese, butterfat, lactose

U.S. EXPORTS AND IMPORTS AS A PERCENT OF MILK PRODUCTION



U.S. DAIRY EXPORTS, TOP 10 MARKETS

(million \$)	May 20	vs. yr ago
Southeast Asia	\$139.5	+67%
Mexico	101.1	-28%
Canada	62.2	-20%
China	52.8	+68%
So. Korea	41.8	+22%
Japan	36.1	+42%
Middle East/North Africa	28.0	+37%
Oceania	26.9	+40%
South America	26.3	-10%
Caribbean	15.8	-33%

U.S. EXPORTS AS % OF PRODUCTION

	May	yr ago	Jan-May 20	yr ago
NDM/SMP	85%	70%	69%	61%
Total cheese	7.1%	6.6%	6.3%	6.6%
Butterfat	2.7%	3.0%	2.1%	2.8%
Dry sweet whey	42%	37%	43%	39%
Lactose	86%	60%	80%	62%
Total milk solids	17.4%	14.7%	15.5%	14.2%

ACCESS U.S. EXPORT DATA ONLINE

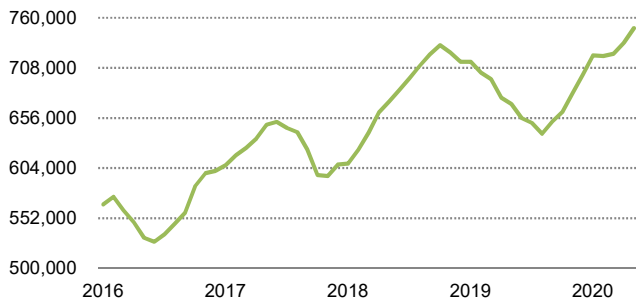
Visit usdec.org/research-and-data/market-data/us-export-data

Percent changes adjusted for leap day.

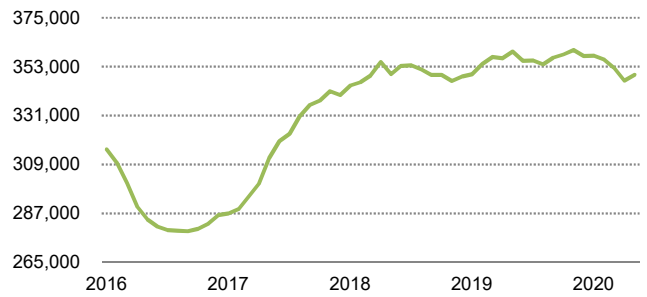
Source: USDEC, National Milk Producers Federation, U.S. Bureau of Census.

U.S. Exports: Rolling 12-Month Volume

U.S. NDM/SMP EXPORTS (MT)



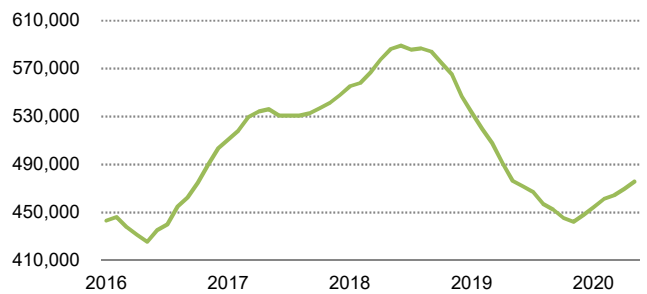
U.S. CHEESE EXPORTS (MT)



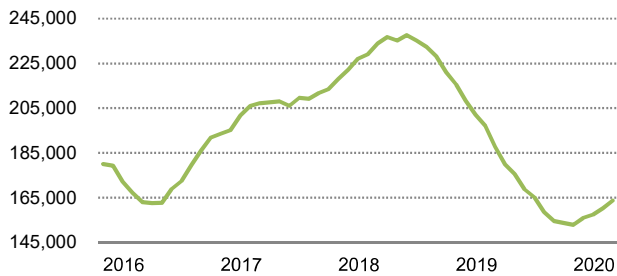
U.S. BUTTERFAT EXPORTS (MT)



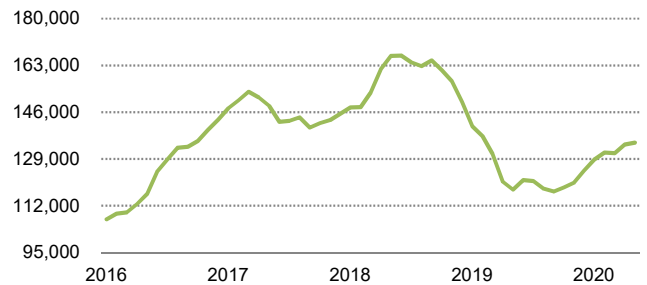
U.S. TOTAL WHEY* EXPORTS (MT)



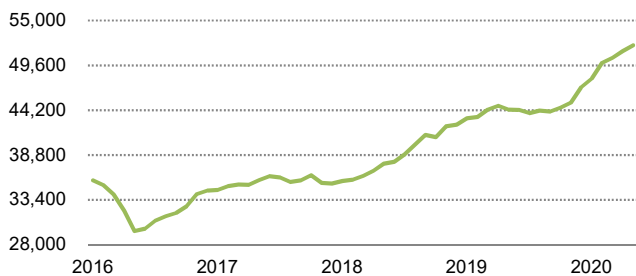
U.S. DRY WHEY EXPORTS (MT)



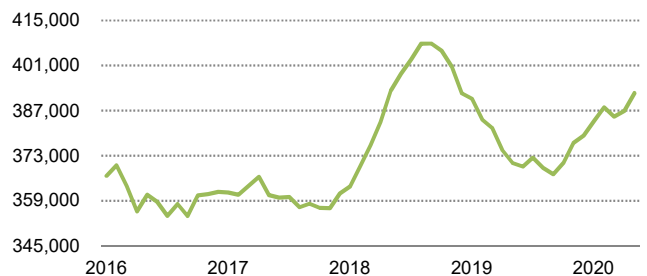
U.S. WPC EXPORTS (MT)



U.S. WPI EXPORTS (MT)



U.S. LACTOSE EXPORTS (MT)



* Total whey includes dry whey, WPC, modified whey products and WPI.

Source: USDEC, U.S. Bureau of Census.