

# Dairy Products



National  
Agricultural  
Statistics  
Service  
Fact Finding  
for Agriculture

United States  
Department of  
Agriculture

Agricultural  
Statistics  
Board

Washington, D.C.

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## MARCH 1989 HIGHLIGHTS

BUTTER production was 136 million pounds, 18 percent above March 1988 and 9 percent above February 1989.

AMERICAN TYPE CHEESE production totaled 232 million pounds, 7 percent below March 1988 but 11 percent above February 1989.

TOTAL CHEESE output (excluding cottage cheese) during March was 488 million pounds, 1 percent below March 1988 but 16 percent above February 1989.

CREAMED COTTAGE CHEESE production was 52.0 million pounds, 13 percent below March 1988 but 11 percent above February 1989.

LOWFAT COTTAGE CHEESE production was 26.8 million pounds, 3 percent above March 1988 and 11 percent above February 1989.

CANNED EVAPORATED AND CONDENSED WHOLE MILK production, at 49.0 million pounds, 8 percent below March 1988 but 18 percent above February 1989.

FROZEN DESSERTS: (Comparisons with March 1988)  
Ice Cream (hard) -- 72.4 million gallons, down 5 percent.  
Ice Milk -- 31.1 million gallons, up 5 percent.  
Sherbet -- 4.54 million gallons, up 2 percent.

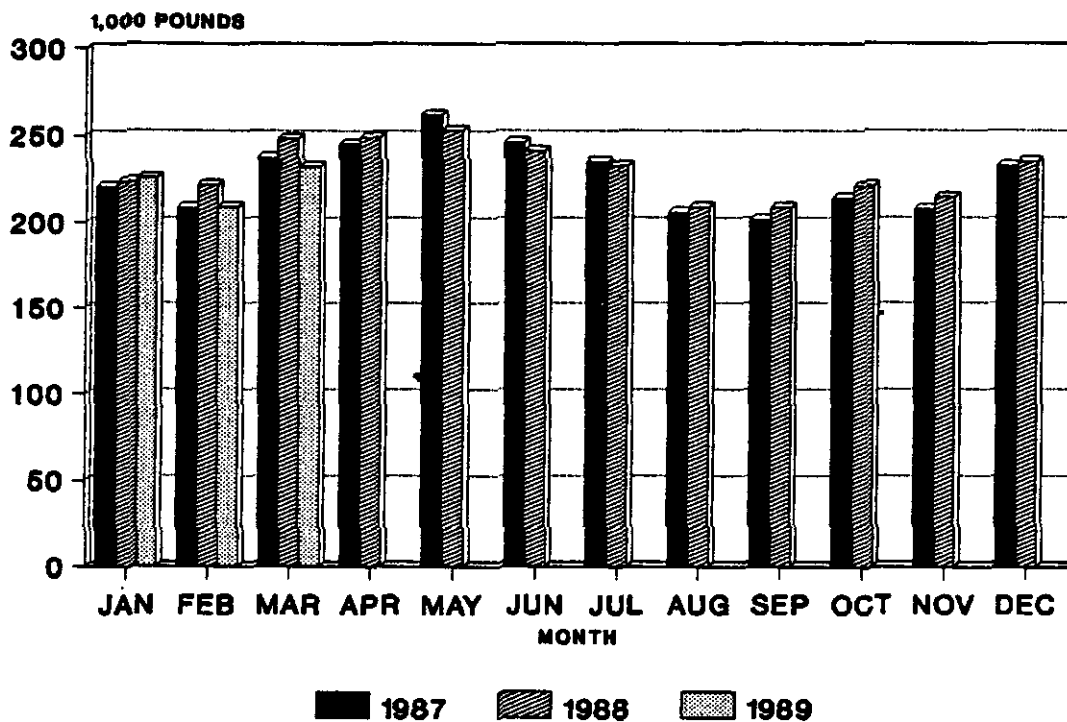
DRY MILK PRODUCTS: (Comparisons with March 1988)  
Nonfat dry milk for human food -- 95.7 million pounds, up slightly.  
Dry whole milk -- 13.5 million pounds, up 6 percent.  
Dry buttermilk -- 6.70 million pounds, up 8 percent.

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\* The next issue of this report will be published June 6, 1989. \*  
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UNITED STATES AMERICAN CHEESE PRODUCTION

MONTH	1987	1988	1989
1,000 POUNDS			
JAN	220,621	223,469	225,614
FEB	208,583	221,467	208,748
MAR	237,064	248,157	231,907
APR	245,216	248,863	
MAY	262,184	253,138	
JUN	245,921	241,237	
JUL	235,324	232,540	
AUG	205,889	208,836	
SEP	201,796	208,476	
OCT	214,099	220,857	
NOV	207,399	214,528	
DEC	232,563	235,009	

UNITED STATES AMERICAN CHEESE PRODUCTION





WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,  
AND PRICES 1/, UNITED STATES, MARCH 1989

PRODUCT	PRODUCTION 1,000 POUNDS			PERCENT OF	
	MAR 1988	FEB 1989	MAR 1989	MAR 1988	FEB 1989
CONDENSED WHEY, SOLIDS CONTENT 2/					
SWEET-TYPE, HUMAN FOOD	3,703	5,852	4,093	111	70
SWEET-TYPE, ANIMAL FEED	1,484	2,343	2,564	173	109
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	82,428	67,885	77,382	94	114
DRY WHEY, ANIMAL FEED	17,778	14,993	21,570	121	144
REDUCED LACTOSE AND MINERALS					
HUMAN FOOD	7,757	8,810	8,963	116	102
ANIMAL FEED	2,552	2,032	2,262	89	111
LACTOSE, HUMAN FOOD	14,496	13,211	15,903	110	120
LACTOSE, ANIMAL FEED	1,014	487	472	47	97
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,914	1,133	1,067	37	94
ANIMAL FEED	8,584	8,059	9,180	107	114
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	9,650	9,699	10,423	108	107
ANIMAL FEED	2,026	1,720	2,024	100	118
	MANUFACTURERS' STOCKS, END-OF-MONTH 3/			PERCENT	
DRY WHEY PRODUCTS	1,000 POUNDS				
DRY WHEY					
HUMAN FOOD	26,368	37,950	37,481	142	99
ANIMAL FEED	8,000	15,834	19,107	239	121
REDUCED LACTOSE AND MINERALS					
HUMAN AND ANIMAL 4/	7,141	11,759	11,996	168	102
LACTOSE, HUMAN FOOD	16,665	12,445	11,770	71	95
LACTOSE, ANIMAL FEED	3,180	337	627	20	186
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	2,993	4,146	5,449	182	131
ANIMAL FEED	35	410	295	843	72
	MANUFACTURERS' SELLING PRICE 5/			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	9.5	11.9	11.9	2.4	0.0
SWEET-TYPE, ANIMAL FEED	5.0	6.0	6.0	1.0	0.0
DRY WHEY, HUMAN FOOD	15.1	16.5	16.9	1.8	0.4
DRY WHEY, ANIMAL FEED	13.6	13.8	14.4	0.8	0.6

1/ STOCKS AND PRICES REVISED. 2/ FINAL MARKETABLE PRODUCT ONLY. DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED WHEY PRODUCTS. 3/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT. 4/ REDUCED LACTOSE AND MINERALS STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. 5/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1988-89

MONTH	BY MONTH			CUMULATIVE		
	1988	1989	1989 : AS % OF : 1988	1988	1989	1989 : AS % OF : 1988
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
<b>BUTTER</b>						
JAN	126,080	128,988	102	126,080	128,988	102
FEB	119,706	124,706	104	245,786	253,694	103
MAR	115,474	135,722	118	361,260	389,416	108
APR	113,830			475,090		
MAY	108,009			583,099		
JUN	90,809			673,908		
JUL	76,335			750,243		
AUG	74,098			824,341		
SEP	83,288			907,629		
OCT	92,322			999,951		
NOV	95,560			1,095,511		
DEC	112,029			1,207,540		
<b>AMERICAN CHEESE</b>						
JAN	223,469	225,614	101	223,469	225,614	101
FEB	221,467	208,748	94	444,936	434,362	98
MAR	248,157	231,907	93	693,093	666,269	96
APR	248,863			941,956		
MAY	253,138			1,195,094		
JUN	241,237			1,436,331		
JUL	232,540			1,668,871		
AUG	208,836			1,877,707		
SEP	208,476			2,086,183		
OCT	220,857			2,307,040		
NOV	214,528			2,521,568		
DEC	235,009			2,756,577		
<b>ITALIAN CHEESE</b>						
JAN	156,032	165,274	106	156,032	165,274	106
FEB	152,045	151,245	99	308,077	316,519	103
MAR	170,559	180,608	106	478,636	497,127	104
APR	162,190			640,826		
MAY	163,175			804,001		
JUN	161,622			965,623		
JUL	156,184			1,121,807		
AUG	158,095			1,279,902		
SEP	161,560			1,441,462		
OCT	164,448			1,605,910		
NOV	160,384			1,766,294		
DEC	170,824			1,937,118		
<b>TOTAL CHEESE</b>						
JAN	439,517	456,560	104	439,517	456,560	104
FEB	436,187	419,528	96	875,704	876,088	100
MAR	491,637	488,434	99	1,367,341	1,364,522	100
APR	475,263			1,842,604		
MAY	488,231			2,330,835		
JUN	476,673			2,807,508		
JUL	454,867			3,262,375		
AUG	441,963			3,704,338		
SEP	451,898			4,156,236		
OCT	469,985			4,626,221		
NOV	458,893			5,085,114		
DEC	486,509			5,571,623		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1988-89

MONTH	BY MONTH			CUMULATIVE		
	1988	1989	1989 AS % OF 1988	1988	1989	1989 AS % OF 1988
	1,000 GALLONS		PERCENT	1,000 GALLONS		PERCENT
<b>ICE CREAM (HARD)</b>						
JAN	54,297	55,964	103	54,297	55,964	103
FEB	62,832	59,040	94	117,129	115,004	98
MAR	76,448	72,404	95	193,577	187,408	97
APR	71,605			265,182		
MAY	77,814			342,996		
JUN	89,698			432,694		
JUL	84,590			517,284		
AUG	85,671			602,955		
SEP	71,321			674,276		
OCT	60,428			734,704		
NOV	55,056			789,760		
DEC	53,750			843,510		
<b>ICE MILK</b>						
JAN	17,895	21,336	119	17,895	21,336	119
FEB	22,055	24,091	109	39,950	45,427	114
MAR	29,506	31,062	105	69,456	76,489	110
APR	29,637			99,093		
MAY	34,432			133,525		
JUN	39,403			172,928		
JUL	36,682			209,610		
AUG	41,022			250,632		
SEP	31,613			282,245		
OCT	26,174			308,419		
NOV	23,558			331,977		
DEC	22,269			354,246		
<b>SHERBET (HARD)</b>						
JAN	2,593	3,194	123	2,593	3,194	123
FEB	3,224	3,457	107	5,817	6,651	114
MAR	4,439	4,535	102	10,256	11,186	109
APR	4,436			14,692		
MAY	4,502			19,194		
JUN	5,718			24,912		
JUL	5,572			30,484		
AUG	5,395			35,879		
SEP	4,004			39,883		
OCT	3,380			43,263		
NOV	2,818			46,081		
DEC	3,081			49,162		
<b>MELLORINE-TYPE FROZEN DESSERT</b>						
JAN	477	493	103	477	493	103
FEB	724	689	95	1,201	1,182	98
MAR	948	863	91	2,149	2,045	95
APR	956			3,105		
MAY	1,046			4,151		
JUN	1,141			5,292		
JUL	1,024			6,316		
AUG	1,051			7,367		
SEP	915			8,282		
OCT	763			9,045		
NOV	553			9,598		
DEC	390			9,988		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1988-89

MONTH	BY MONTH			CUMULATIVE		
	1988	1989	1989 AS % OF 1988	1988	1989	1989 AS % OF 1988
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
<b>NONFAT DRY MILK HUMAN FOOD</b>						
JAN	85,782	87,096	102	85,782	87,096	102
FEB	85,880	85,645	100	171,662	172,741	101
MAR	95,288	95,671	100	266,950	268,412	101
APR	106,111			373,061		
MAY	106,637			479,698		
JUN	104,332			584,030		
JUL	80,140			664,170		
AUG	68,088			732,258		
SEP	59,249			791,507		
OCT	56,848			848,355		
NOV	54,325			902,680		
DEC	75,803			978,483		
<b>TOTAL DRY WHEY 1/</b>						
JAN	93,891	93,029	99	93,891	93,029	99
FEB	88,281	82,878	94	182,172	175,907	97
MAR	100,206	98,952	99	282,378	274,859	97
APR	100,038			382,416		
MAY	103,161			485,577		
JUN	99,166			584,743		
JUL	95,378			680,121		
AUG	94,365			774,486		
SEP	90,531			865,017		
OCT	90,587			955,604		
NOV	87,926			1,043,530		
DEC	93,457			1,136,987		
<b>CREAMED COTTAGE CHEESE</b>						
JAN	51,552	47,591	92	51,552	47,591	92
FEB	54,822	46,935	86	106,374	94,526	89
MAR	59,744	52,032	87	166,118	146,558	88
APR	54,445			220,563		
MAY	57,594			278,157		
JUN	56,959			335,116		
JUL	55,998			391,114		
AUG	58,520			449,634		
SEP	51,860			501,494		
OCT	50,036			551,530		
NOV	49,069			600,599		
DEC	46,484			647,083		
<b>LOWFAT COTTAGE CHEESE</b>						
JAN	21,855	24,101	110	21,855	24,101	110
FEB	23,550	24,097	102	45,405	48,198	106
MAR	26,094	26,835	103	71,499	75,033	105
APR	23,887			95,386		
MAY	26,191			121,577		
JUN	25,872			147,449		
JUL	25,201			172,650		
AUG	26,692			199,342		
SEP	25,045			224,387		
OCT	23,229			247,616		
NOV	22,359			269,975		
DEC	20,879			290,854		

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, MARCH 1989

STATE	MAR 1988	FEB 1989	MAR 1989	PERCENT OF	
				MAR 1988	FEB 1989
	1,000 POUNDS			PERCENT	
CALIF	19,181	13,500	17,100	89	127
IDAHO	8,493	8,201	8,170	96	100
IND	2,789	2,056	2,211	79	108
IOWA	11,227	9,981	11,312	101	113
KANS	3,578	3,226	3,524	98	109
KY	1,072	1,008	1,185	111	118
MICH	1,187	3,438	2,282	192	66
MINN	50,614	42,981	47,934	95	112
MO	8,208	6,665	8,128	99	122
N Y	8,138	7,470	8,200	101	110
N DAK	3,732	2,530	3,540	95	140
OHIO	1,393	1,000	950	68	95
OREG	2,663	2,450	3,000	113	122
S DAK	6,442	5,026	5,336	83	106
UTAH	2,913	3,120	2,737	94	88
WASH	2,546	2,261	2,501	98	111
WIS	90,211	75,000	82,500	91	110
OTH STS	23,770	18,835	21,297	90	113
U S	248,157	208,748	231,907	93	111

BUTTER: PRODUCTION BY STATES, MARCH 1989

STATE	MAR 1988	FEB 1989	MAR 1989	PERCENT OF	
				MAR 1988	FEB 1989
	1,000 POUNDS			PERCENT	
CALIF	20,411	21,600	22,700	111	105
KANS	1,827	1,672	1,815	99	109
MICH	3,402	2,759	3,317	98	120
MINN	13,518	13,391	14,536	108	109
N Y	2,787	3,540	4,330	155	122
N DAK	622	505	684	110	135
OKLA	1,802	1,677	2,395	133	143
OREG	1,434	1,300	1,321	92	102
PA	7,119	6,350	7,940	112	125
UTAH	887	1,074	1,058	119	99
WASH	8,620	7,500	8,549	99	114
WIS	27,582	30,800	33,500	121	109
OTH STS	25,463	32,538	33,577	132	103
U S	115,474	124,706	135,722	118	109



ICE CREAM (HARD): PRODUCTION BY STATES, MARCH 1989

STATE	1,000 GALLONS			PERCENT OF	
	MAR 1988	FEB 1989	MAR 1989	MAR 1988	FEB 1989
ALA	1,986	1,745	1,954	98	112
ARIZ	704	652	742	105	114
ARK	520	430	459	88	107
CALIF	10,117	6,900	9,510	94	138
COLO	952	633	1,020	107	161
FLA	2,968	1,990	2,790	94	140
GA	750	885	1,059	141	120
ILL	2,588	1,900	1,683	65	89
IND	2,203	1,678	2,118	96	126
IOWA	2,344	1,787	2,633	112	147
KANS	715	465	486	68	105
MD 1/	1,269	1,205	1,464	115	121
MASS	4,291	2,910	3,000	70	103
MICH	2,163	2,110	2,646	122	125
MINN	3,277	2,651	3,406	104	128
MISS	313	92	121	39	132
MO	1,756	1,210	1,356	77	112
N J	1,237	1,350	1,630	132	121
N Y	2,950	3,500	3,900	132	111
N C	3,067	2,427	2,994	98	123
OHIO	3,456	2,950	3,400	98	115
OKLA	1,057	1,045	1,095	104	105
OREG	834	500	450	54	90
PA	7,122	5,065	5,570	78	110
S C	1,463	1,297	1,443	99	111
TENN	1,846	1,318	1,784	97	135
TEX	4,232	2,975	3,790	90	127
UTAH	862	559	745	86	133
VA	821	408	712	87	175
WASH	1,463	1,192	1,617	111	136
WIS	1,871	1,350	1,800	96	133
OTH STS	5,251	3,861	5,027	96	130
U S	76,448	59,040	72,404	95	123

1/ INCLUDES DISTRICT OF COLUMBIA.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,  
STOCKS AND SELLING PRICES, MARCH 1989

PRODUCT	MAR	FEB	MAR	PERCENT OF	
	1988	1989	1989	MAR	FEB
				1988	1989
	MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS			PERCENT	
DRY WHOLE MILK	10,944	11,313	11,116	102	98
NONFAT DRY MILK FOR HUMAN FOOD	93,052	71,461	86,103	93	120
DRY SKIM MILK FOR ANIMAL FEED	612	453	490	80	108
DRY BUTTERMILK, FOR HUMAN FOOD	7,623	4,023	4,787	63	119
	MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 1,000 POUNDS			PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	59,694	75,113	38,361	64	51
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	6,611	10,877	11,284	171	104
DRY SKIM MILK FOR ANIMAL FEED	56,209	79,835	84,644	151	106
DRY BUTTERMILK, TOTAL	1,263	804	889	70	111
	6,683	8,536	7,845	117	92
	MANUFACTURERS' SELLING PRICES 3/ 4/ CENTS PER POUND			CHANGE CENTS	
DRY WHOLE MILK	110.05	119.18	115.89	5.84	-3.29
NONFAT DRY MILK FOR HUMAN FOOD	73.42	84.07	81.57	8.15	-2.50
DRY SKIM MILK FOR ANIMAL FEED	42.32	58.29	56.03	13.71	-2.26
DRY BUTTERMILK, FOR HUMAN FOOD	65.74	79.51	73.98	8.24	-5.53

1/ FOR DRY PRODUCTS, SHIPMENTS OF BULK GOODS ONLY. 2/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT. 3/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS, WEIGHTED BY SHIPMENTS OF EACH FIRM. 4/ REVISED.

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, MARCH 1989

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	MAR 1988	MAR 1989	OCT 1, 1987 THROUGH MAR 31, 1988	OCT 1, 1988 THROUGH MAR 31, 1989	MAR 31, 1988	MAR 31, 1989 1/
	1,000 POUNDS					
BUTTER	36,080	54,398	203,954	239,360	151,403	291,777
CHEESE 2/ NONFAT	34,777	2,982	188,550	23,228	30,159	-3,235
DRY MILK:	49,762	0	234,352	0	-13,674	-547

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PRINT BUTTER 40,775,299 POUNDS. 2/ AMERICAN AND MOZZARELLA CHEESE.



