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# 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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RELEASED: June 6, 1989  
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## APRIL 1989 HIGHLIGHTS

BUTTER production was 125 million pounds, 10 percent above April 1988 but 8 percent below March 1989.

AMERICAN TYPE CHEESE production totaled 236 million pounds, 5 percent below April 1988 but 2 percent above March 1989.

TOTAL CHEESE output (excluding cottage cheese) during April was 473 million pounds, 1 percent below April 1988 and 3 percent below March 1989.

CREAMED COTTAGE CHEESE production was 48.6 million pounds, 11 percent below April 1988 and 7 percent below March 1989.

LOWFAT COTTAGE CHEESE production was 25.6 million pounds, 7 percent above April 1988 but 5 percent below March 1989.

CANNED EVAPORATED AND CONDENSED WHOLE MILK production, at 47.7 million pounds, 15 percent below April 1988 and 3 percent below March 1989.

FROZEN DESSERTS: (Comparisons with April 1988)  
Ice Cream (hard) — 68.8 million gallons, down 4 percent.  
Ice Milk — 31.2 million gallons, up 5 percent.  
Sherbet — 4.30 million gallons, down 3 percent.

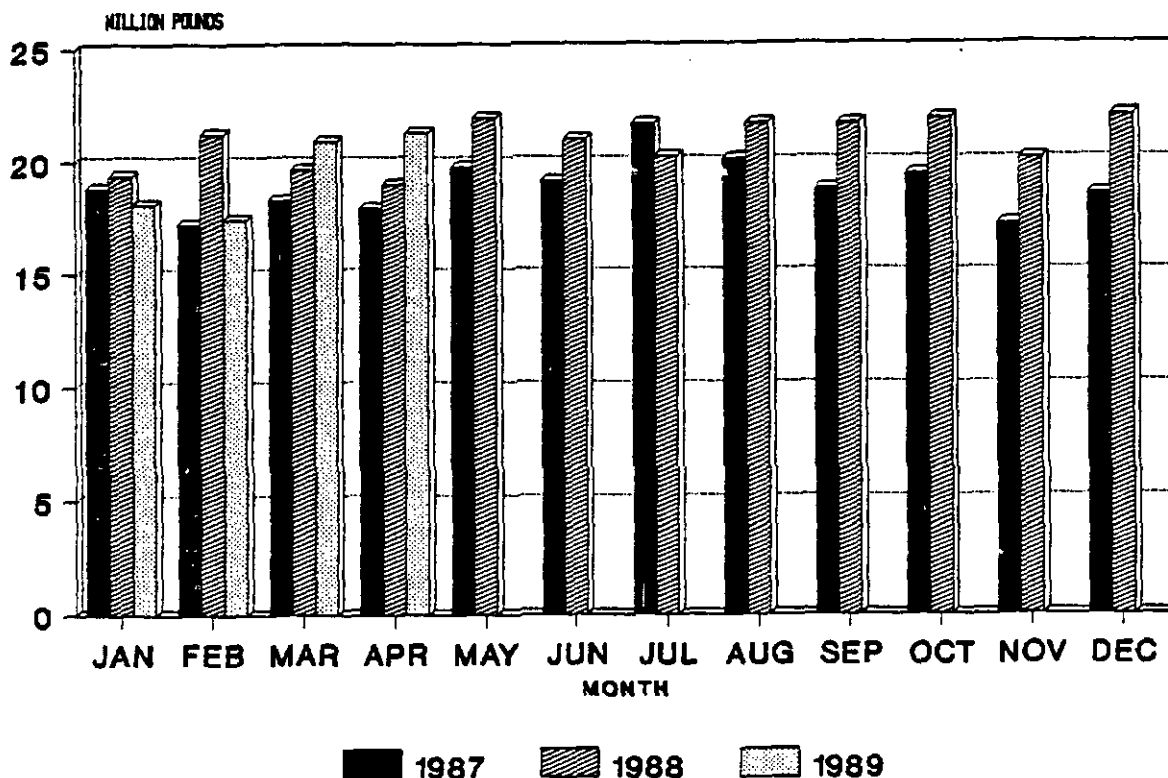
DRY MILK PRODUCTS: (Comparisons with April 1988)  
Nonfat dry milk for human food — 99.8 million pounds, down 6 percent.  
Dry whole milk — 14.3 million pounds, down 9 percent.  
Dry buttermilk — 6.10 million pounds, down 5 percent.

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

MONTH	1987	1988	1989
1,000 POUNDS			
JAN	18,865	19,411	18,121
FEB	17,196	21,267	17,406
MAR	18,331	19,699	20,947
APR	17,954	19,026	21,314
MAY	19,806	21,975	
JUN	19,210	21,021	
JUL	21,708	20,247	
AUG	20,149	21,706	
SEP	18,825	21,687	
OCT	19,471	21,921	
NOV	17,205	20,111	
DEC	18,521	22,040	

UNITED STATES SWISS CHEESE PRODUCTION



PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, APRIL 1989

PRODUCT	APR 1988	MAR 1989	APR 1989	PERCENT OF	
				APR 1988	MAR 1989
	1,000 POUNDS			PERCENT	
BUTTER	113,830	135,722	124,735	110	92
CHEESE:					
AMERICAN TYPES 1/	248,863	231,907	236,214	95	102
SWISS	19,026	20,947	21,314	112	102
BRICK AND MUNSTER	8,759	9,736	9,201	105	95
CREAM AND NEUFCHATEL	24,998	32,572	27,680	111	85
BLUE	3,008	2,763	2,866	95	104
MOZZARELLA	123,271	134,875	129,179	105	96
OTHER ITALIAN TYPES	38,919	45,733	37,666	97	82
TOTAL ITALIAN TYPES	162,190	180,608	166,845	103	92
ALL OTHER TYPES 2/	8,419	9,901	8,515	101	86
TOTAL	475,263	488,434	472,635	99	97
COTTAGE CHEESE, CURD 3/	47,417	45,372	43,948	93	97
COTTAGE CHEESE, CREAMED 4/	54,445	52,032	48,637	89	93
COTTAGE CHEESE, LOWFAT, 5/	23,887	26,835	25,560	107	95
CANNED EVAPORATED AND CONDENSED WHOLE MILK	55,825	49,015	47,664	85	97
DRY WHOLE MILK	15,764	13,470	14,323	91	106
NONFAT DRY MILK FOR HUMAN FOOD	106,111	95,671	7/99,752	94	104
DRY SKIM MILK FOR ANIMAL FEED	1,739	1,201	838	48	70
DRY BUTTERMILK	6,445	6,696	6,097	95	91
YOGURT (PLAIN & FLAVORED)		83,443	76,412		92
	1,000 GALLONS			PERCENT	
FROZEN PRODUCTS:					
ICE CREAM (HARD)	71,605	72,404	68,762	96	95
ICE MILK (HARD)	7,364	10,536	10,552	143	100
ICE MILK (SOFT)	22,273	20,526	20,651	93	101
ICE MILK (TOTAL)	29,637	31,062	31,203	105	100
SHERBET (HARD)	4,436	4,535	4,295	97	95
MELLORINE 6/	956	863	839	88	97
WATER AND JUICE ICES	5,475	4,662	4,729	86	101
OTHER FROZEN DAIRY PRODUCTS	3,621	2,903	2,881	80	99
FROZEN YOGURT		6,173	6,752		109
MIX FOR PRODUCTS:					
ICE CREAM MIX	38,827	37,744	35,148	91	93
ICE MILK MIX	19,405	19,229	19,321	100	100
SHERBET MIX	3,072	3,141	2,923	95	93
MELLORINE MIX 6/	506	473	451	89	95
YOGURT MIX		4,115	4,501		109

1/ WHOLE MILK CHEESE, INCLUDING CHEDDAR, COLBY, WASHED CURD, STIRRED CURD, MONTEREY AND JACK. 2/ INCLUDES LIMBURGER FORMERLY PUBLISHED SEPARATELY. 3/ MOSTLY USED FOR PROCESSING INTO CREAMED OR LOWFAT COTTAGE CHEESE. 4/ FAT CONTENT 4 PERCENT OR MORE. 5/ FAT CONTENT LESS THAN 4 PERCENT. 6/ MADE WITH FATS AND OILS OTHER THAN MILKFAT. 7/ INCLUDES COMBINED MINN & WIS PRODUCTION OF 14,045 THOUSAND POUNDS.

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

PRODUCT	APR	MAR	APR	PERCENT OF	
	1988	1989	1989	APR : 1988:	MAR : 1989
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT 2/					
SWEET-TYPE, HUMAN FOOD	3,622	4,093	4,388	121	107
SWEET-TYPE, ANIMAL FEED	944	2,564	2,585	274	101
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	82,806	77,382	76,568	92	99
DRY WHEY, ANIMAL FEED	17,232	21,570	15,345	89	71
REDUCED LACTOSE AND MINERALS					
HUMAN FOOD	9,172	8,963	8,463	92	94
ANIMAL FEED	2,374	2,262	2,100	88	93
LACTOSE, HUMAN FOOD	14,037	15,903	15,609	111	98
LACTOSE, ANIMAL FEED	967	472	636	66	135
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,772	1,067	1,102	40	103
ANIMAL FEED	7,343	9,180	7,278	99	79
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	10,840	10,423	10,823	100	104
ANIMAL FEED	1,781	2,024	1,862	105	92
	MANUFACTURERS' STOCKS, END-OF-MONTH 3/ 1,000 POUNDS			PERCENT	
DRY WHEY PRODUCTS					
DRY WHEY					
HUMAN FOOD	23,314	37,488	40,983	176	109
ANIMAL FEED	8,465	19,013	14,274	169	75
REDUCED LACTOSE AND MINERALS					
HUMAN AND ANIMAL 4/	9,772	11,996	11,999	123	100
LACTOSE, HUMAN FOOD	18,796	11,770	11,754	63	100
LACTOSE, ANIMAL FEED	2,401	627	449	19	72
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	3,529	5,483	5,925	168	108
ANIMAL FEED	22	295	360	1636	122
	MANUFACTURERS' SELLING PRICE 5/ CENTS PER POUND			CENTS CHANGE	
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	10.6	11.9	12.6	2.0	0.7
SWEET-TYPE, ANIMAL FEED	6.0	6.0	6.0	0.0	0.0
DRY WHEY, HUMAN FOOD	15.8	16.9	17.4	1.6	0.5
DRY WHEY, ANIMAL FEED	13.9	14.4	15.9	2.0	1.5

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	124,735	110	475,090	514,151	108
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	236,214	95	941,956	902,483	96
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	166,845	103	640,826	663,972	104
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	472,635	99	1,842,604	1,837,157	100
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
ICE CREAM (HARD)						
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	68,762	96	265,182	256,170	97
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		
ICE MILK						
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	31,203	105	99,093	107,692	109
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		
SHERBET (HARD)						
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	4,295	97	14,692	15,481	105
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		
MELLORINE-TYPE FROZEN DESSERT						
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	839	88	3,105	2,884	93
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
NONFAT DRY MILK						
HUMAN FOOD						
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	99,752	94	373,061	368,164	99
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		
TOTAL DRY WHEY 1/						
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	91,913	92	382,416	366,772	96
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		
CREAMED COTTAGE						
CHEESE						
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	48,637	89	220,563	195,195	88
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		
LOWFAT COTTAGE						
CHEESE						
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	25,560	107	95,386	100,593	105
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, APRIL 1989

STATE	APR 1988	MAR 1989	APR 1989	PERCENT OF	
				APR 1988	MAR 1989
	1,000 POUNDS			PERCENT	
CALIF	22,286	17,100	20,400	92	119
IDAHO	8,215	8,170	8,161	99	100
IND	3,178	2,211	2,660	84	120
IOWA	11,130	11,312	10,500	94	93
KANS	3,433	3,524	3,499	102	99
KY	1,430	1,185	867	61	73
MICH	1,108	2,282	1,834	166	80
MINN	49,626	47,934	45,315	91	95
MO	8,214	8,128	8,625	105	106
N Y	8,402	8,200	8,400	100	102
N DAK	3,919	3,540	3,500	89	99
OHIO	1,504	950	1,100	73	116
OREG	2,699	3,000	3,100	115	103
S DAK	6,682	5,336	6,471	97	121
UTAH	2,609	2,737	2,803	107	102
WASH	1,951	2,501	2,319	119	93
WIS	87,787	82,500	83,500	95	101
OTH STS	24,690	21,297	23,160	94	109
U S	248,863	231,907	236,214	95	102

BUTTER: PRODUCTION BY STATES, APRIL 1989

STATE	APR 1988	MAR 1989	APR 1989	PERCENT OF	
				APR 1988	MAR 1989
	1,000 POUNDS			PERCENT	
CALIF	19,640	22,700	21,000	107	93
KANS	2,041	1,815	1,723	84	95
MICH	3,307	3,317	3,426	104	103
MINN	12,897	14,536	13,706	106	94
MO	2,067	2,501	1,961	95	78
N Y	2,844	4,330	3,547	125	82
N DAK	578	684	515	89	75
OKLA	1,559	2,395	1,841	118	77
OREG	1,336	1,321	1,320	99	100
PA	6,301	7,940	7,910	126	100
UTAH	658	1,058	1,029	156	97
WASH	8,058	8,549	7,782	97	91
WIS	27,960	33,500	31,000	111	93
OTH STS	24,584	31,076	27,975	114	90
U S	113,830	135,722	124,735	110	92



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

STATE	1,000 GALLONS			PERCENT OF	
	APR 1988	MAR 1989	APR 1989	APR 1988	MAR 1989
ALA	1,827	1,954	1,778	97	91
ARIZ	562	742	600	107	81
ARK	541	459	503	93	110
CALIF	9,255	9,510	9,300	100	98
COLO	815	1,020	926	114	91
FLA	2,709	2,790	2,540	94	91
GA	867	1,059	1,019	118	96
ILL	2,454	1,683	1,928	79	115
IND	2,589	2,118	2,136	83	101
IOWA	2,110	2,633	2,179	103	83
KANS	639	486	480	75	99
MD 1/	1,184	1,464	1,516	128	104
MASS	3,411	3,000	3,200	94	107
MICH	2,057	2,646	2,205	107	83
MINN	3,266	3,406	3,034	93	89
MISS	280	121	110	39	91
MO	1,659	1,356	1,325	80	98
N J	1,274	1,630	1,625	128	100
N Y	3,255	3,900	4,000	123	103
N C	2,347	2,994	2,752	117	92
OHIO	3,621	3,400	3,200	88	94
OKLA	1,037	1,095	1,084	105	99
OREG	622	450	500	80	111
PA	6,351	5,570	4,820	76	87
S C	1,265	1,443	1,655	131	115
TENN	1,659	1,784	2,419	146	136
TEX	3,848	3,790	3,575	93	94
UTAH	927	745	550	59	74
VA	964	712	450	47	63
WASH	1,466	1,617	1,282	87	79
WIS	1,811	1,800	1,850	102	103
OTH STS	4,933	5,027	4,221	86	84
U S	71,605	72,404	68,762	96	95

1/ INCLUDES DISTRICT OF COLUMBIA.

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

PRODUCT	APR 1988	MAR 1989	APR 1989	PERCENT OF	
				APR 1988	MAR 1989
				MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS PERCENT	
DRY WHOLE MILK	10,946	11,116	11,541	105	104
NONFAT DRY MILK FOR HUMAN FOOD	83,924	86,103	80,219	96	93
DRY SKIM MILK FOR ANIMAL FEED	537	490	508	95	104
DRY BUTTERMILK, FOR HUMAN FOOD	7,912	4,787	6,367	80	133
				MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 1,000 POUNDS PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	71,298	38,361	90,497	127	236
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	8,355	10,063	11,657	140	116
DRY SKIM MILK FOR ANIMAL FEED	70,839	84,644	97,943	138	116
DRY BUTTERMILK, TOTAL	1,717	889	1,311	76	147
	5,753	7,845	7,275	126	93
				MANUFACTURERS' SELLING PRICES 3/ CENTS PER POUND CHANGE CENTS	
DRY WHOLE MILK	106.16	115.89	114.21	8.05	-1.68
NONFAT DRY MILK FOR HUMAN FOOD	73.38	81.57	82.77	9.39	1.20
DRY SKIM MILK FOR ANIMAL FEED	44.02	56.03	55.35	11.33	-0.68
DRY BUTTERMILK, FOR HUMAN FOOD	67.22	73.98	77.01	9.79	3.03

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, APRIL 1989

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	APR 1988	APR 1989	OCT 1, 1987 THROUGH APR 30, 1988	OCT 1, 1988 THROUGH APR 30, 1989	APR 30, 1988	APR 30, 1989 1/
					1,000 POUNDS	
BUTTER	42,678	70,699	246,632	310,059	178,872	324,369
CHEESE 2/ NONFAT	35,688	6,990	224,238	30,218	29,066	3,521
DRY MILK:	49,168	0	283,521	0	9,909	-544

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PRINT BUTTER 46,304,748 POUNDS.  
2/ AMERICAN AND MOZZARELLA CHEESE.