
Dairy Products



United States
Department of
Agriculture
Washington, D.C. 20250

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NOVEMBER 1987 HIGHLIGHTS

BUTTER production was 88.2 million pounds (40.0 thousand metric tons), 10 percent above November last year but 2 percent below October 1987.

AMERICAN TYPE CHEESE production totaled 210 million pounds (95.3 thousand metric tons), 8 percent above November 1986 but 3 percent below October 1987.

TOTAL CHEESE output (excluding cottage cheese) during November was 429 million pounds (195 thousand metric tons), 7 percent above November a year ago but 4 percent below October 1987.

CREAMED COTTAGE CHEESE production was 51.2 million pounds (23.2 thousand metric tons), about the same as November 1986 but 7 percent below October 1987.

LOWFAT COTTAGE CHEESE production was 19.0 million pounds (8630 metric tons), about the same as November last year but 12 percent below October 1987.

CANNED EVAPORATED AND CONDENSED WHOLE MILK production 45.4 million pounds (20.6 thousand metric tons), 1 percent less than November 1986 and 2 percent below October 1987.

FROZEN DESSERTS: (Comparisons with November 1986)
Ice cream (hard) -- 58.0 million gallons (220 million liters), unchanged.
Ice milk -- 20.9 million gallons (79.1 million liters), up 14 percent.
Sherbet -- 2.83 million gallons (10.7 million liters), up 10 percent.

DRY MILK PRODUCTS: (Comparisons with November 1986)
Nonfat dry milk for human food -- 65.0 million pounds (29.5 thousand metric tons), down 3 percent.
Dry whole milk -- 12.7 million pounds (5780 metric tons), up 11 percent.
Dry buttermilk -- 4.34 million pounds (1970 metric tons), up 28 percent.

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* * *
* The next issue of this report will be published February 3, 1988 *

BUTTER PACKAGING SURVEY

The results for September and October 1987 surveys are shown below. Total supply of butter includes butter produced, interplant movement and bulk packaged butter removed from manufacturers' owned storage. Supply is the sum of butter bulk packaged, printed, and used in other products.

MONTHLY BUTTER PACKAGING

ITEM	SEP	OCT
	1,000 pounds	
Total Supply	121,077	120,458
	PERCENT OF DISPOSITION	
Packed in Bulk	32.2	36.0
Printed	64.2	59.3
Used in Other Products	3.6	4.7
	PERCENT OF PRINTED	
Printed in:		
Quarters	35.8	43.3
One Pound Solids	40.7	35.7
Individual Portions	12.0	10.0
Other Sizes	11.5	11.0
	PERCENT OF PACKAGED IN BULK	
Bulk Packaged:		
Shipped to Other Plants	24.6	25.1
Shipped to Distributors & Wholesalers	28.6	22.4
Shipped to Food Processors	11.2	16.0
Others (Institutions, CCC, Storage)	35.6	36.5

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,
AND PRICES 1/, UNITED STATES, NOVEMBER 1987

PRODUCT	NOV	OCT	NOV	PERCENT OF	
	1986	1987	1987	NOV	OCT
				1986	1987
	PRODUCTION			PERCENT	
	1,000 POUNDS				
CONDENSED WHEY, SOLIDS CONTENT 2/:					
SWEET-TYPE, HUMAN FOOD	5,919	6,041	6,097	103	101
SWEET-TYPE, ANIMAL FEED	1,789	2,246	1,312	73	58
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	59,722	68,872	67,871	114	99
DRY WHEY, ANIMAL FEED	12,322	16,325	15,008	122	92
REDUCED LACTOSE AND MINERALS					
HUMAN FOOD	4,006	5,494	3,484	87	63
ANIMAL FEED	1,757	1,978	2,295	131	116
LACTOSE, HUMAN FOOD	8,997	11,129	10,678	119	96
LACTOSE, ANIMAL FEED	1,423	858	869	61	101
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,267	2,706	2,488	110	92
ANIMAL FEED	7,659	9,930	11,238	147	113
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	4,561	6,018	6,781	149	113
ANIMAL FEED	1,246	1,549	1,495	120	97
	MANUFACTURERS' STOCKS, END OF MONTH 3/			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY					
HUMAN FOOD	32,950	21,474	26,109	79	122
ANIMAL FEED	14,357	7,780	7,013	49	90
REDUCED LACTOSE AND MINERALS					
HUMAN AND ANIMAL 4/	15,296	6,367	5,524	36	87
LACTOSE, HUMAN FOOD	8,832	15,036	15,216	172	101
LACTOSE, ANIMAL FEED	444	1,671	2,025	456	121
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	2,879	2,497	2,511	87	101
ANIMAL FEED	395	89	404	102	454
	MANUFACTURERS' SELLING PRICE 5/			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	8.1	16.9	15.8	+7.7	-1.1
SWEET-TYPE, ANIMAL FEED	2.6	6.0	6.3	+3.7	+0.3
DRY WHEY, HUMAN FOOD	14.6	28.4	26.8	+12.2	-1.6
DRY WHEY, ANIMAL FEED	12.4	22.4	23.0	+10.6	+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, 1986-87

MONTH	BY MONTH			CUMULATIVE		
	1986	1987	: 1987 : : AS % OF : : 1986 :	1986	1987	: 1987 : : AS % OF : : 1986 :
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
BUTTER						
JAN	136,712	109,218	80	136,712	109,218	80
FEB	119,343	97,835	82	256,055	207,053	81
MAR	119,190	107,588	90	375,245	314,641	84
APR	122,698	104,250	85	497,943	418,891	84
MAY	114,747	101,745	89	612,690	520,636	85
JUN	92,994	83,061	89	705,684	603,697	86
JUL	79,668	76,163	96	785,352	679,860	87
AUG	69,923	67,587	97	855,275	747,447	87
SEP	80,190	78,131	97	935,465	825,578	88
OCT	85,342	90,163	106	1,020,807	915,741	90
NOV	80,295	88,207	110	1,101,102	1,003,948	91
DEC	101,290			1,202,392		
AMERICAN CHEESE						
JAN	241,122	219,545	91	241,122	219,545	91
FEB	225,116	211,151	94	466,238	430,696	92
MAR	255,398	238,712	93	721,636	669,408	93
APR	264,840	245,961	93	986,476	915,369	93
MAY	281,942	264,274	94	1,268,418	1,179,643	93
JUN	262,018	246,105	94	1,530,436	1,425,748	93
JUL	242,063	240,554	99	1,772,499	1,666,302	94
AUG	219,227	208,541	95	1,991,726	1,874,843	94
SEP	198,207	206,488	104	2,189,933	2,081,331	95
OCT	196,382	217,649	111	2,386,315	2,298,980	96
NOV	194,134	210,163	108	2,580,449	2,509,143	97
DEC	217,711			2,798,160		
ITALIAN CHEESE						
JAN	134,310	135,117	101	134,310	135,117	101
FEB	121,007	132,585	110	255,317	267,702	105
MAR	139,129	150,107	108	394,446	417,809	106
APR	134,080	149,181	111	528,526	566,990	107
MAY	135,903	153,078	113	664,429	720,068	108
JUN	132,488	149,107	113	796,917	869,175	109
JUL	130,504	150,460	115	927,421	1,019,635	110
AUG	136,862	145,820	107	1,064,283	1,165,455	110
SEP	141,585	148,807	105	1,205,868	1,314,262	109
OCT	139,253	150,260	108	1,345,121	1,464,522	109
NOV	136,511	142,639	104	1,481,632	1,607,161	108
DEC	151,206			1,632,838		
TOTAL CHEESE						
JAN	433,883	413,560	95	433,883	413,560	95
FEB	399,916	400,865	100	833,799	814,425	98
MAR	457,058	455,928	100	1,290,857	1,270,353	98
APR	459,485	458,319	100	1,750,342	1,728,672	99
MAY	482,454	484,700	100	2,232,796	2,213,372	99
JUN	457,415	463,785	101	2,690,211	2,677,157	100
JUL	436,580	458,119	105	3,126,791	3,135,276	100
AUG	421,723	423,544	100	3,548,514	3,558,820	100
SEP	410,108	427,007	104	3,958,622	3,985,827	101
OCT	410,164	445,719	109	4,368,786	4,431,546	101
NOV	400,971	429,106	107	4,769,757	4,860,652	102
DEC	439,412			5,209,169		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1986-87

MONTH	BY MONTH			CUMULATIVE		
	1986	1987	1987 AS % OF 1986	1986	1987	1987 AS % OF 1986
	1,000 GALLONS		PERCENT	1,000 GALLONS		PERCENT
ICE CREAM (HARD)						
JAN	59,554	57,564	97	59,554	57,564	97
FEB	63,630	65,954	104	123,184	123,518	100
MAR	73,739	76,461	104	196,923	199,979	102
APR	76,497	78,331	102	273,420	278,310	102
MAY	84,013	82,250	98	357,433	360,560	101
JUN	88,617	93,516	106	446,050	454,076	102
JUL	92,131	93,569	102	538,181	547,645	102
AUG	87,305	85,320	98	625,486	632,965	101
SEP	74,782	76,776	103	700,268	709,741	101
OCT	70,278	65,370	93	770,546	775,111	101
NOV	57,907	57,992	100	828,453	833,103	101
DEC	58,249			886,702		
ICE MILK						
JAN	18,979	19,444	102	18,979	19,444	102
FEB	19,499	21,078	108	38,478	40,522	105
MAR	25,781	27,354	106	64,259	67,876	106
APR	28,908	30,257	105	93,167	98,133	105
MAY	32,640	32,039	98	125,807	130,172	103
JUN	33,833	35,714	106	159,640	165,886	104
JUL	35,113	36,969	105	194,753	202,855	104
AUG	32,324	33,322	103	227,077	236,177	104
SEP	26,116	27,968	107	253,193	264,145	104
OCT	24,352	26,874	110	277,545	291,019	105
NOV	18,276	20,896	114	295,821	311,915	105
DEC	18,852			314,673		
SHERBET (HARD)						
JAN	2,965	2,914	98	2,965	2,914	98
FEB	3,065	2,941	96	6,030	5,855	97
MAR	3,744	3,695	99	9,774	9,550	98
APR	4,219	4,443	105	13,993	13,993	100
MAY	4,919	4,545	92	18,912	18,538	98
JUN	5,383	5,346	99	24,295	23,884	98
JUL	5,781	5,408	94	30,076	29,292	97
AUG	4,740	4,663	98	34,816	33,955	98
SEP	3,673	3,804	104	38,489	37,759	98
OCT	3,151	2,957	94	41,640	40,716	98
NOV	2,575	2,828	110	44,215	43,544	98
DEC	3,016			47,231		
MELLORINE-TYPE FROZEN DESSERT						
JAN	470	579	123	470	579	123
FEB	584	628	108	1,054	1,207	115
MAR	811	769	95	1,865	1,976	106
APR	815	747	92	2,680	2,723	102
MAY	874	892	102	3,554	3,615	102
JUN	847	1,083	128	4,401	4,698	107
JUL	920	1,092	119	5,321	5,790	109
AUG	867	990	114	6,188	6,780	110
SEP	754	864	115	6,942	7,644	110
OCT	736	626	85	7,678	8,270	108
NOV	369	475	129	8,047	8,745	109
DEC	382			8,429		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1986-87

MONTH	BY MONTH			CUMULATIVE		
	1986	1987	1987 AS % OF 1986	1986	1987	1987 AS % OF 1986
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
NONFAT DRY MILK HUMAN FOOD						
JAN	122,446	82,105	67	122,446	82,105	67
FEB	113,920	80,295	70	236,366	162,400	69
MAR	127,210	87,802	69	363,576	250,202	69
APR	139,055	101,443	73	502,631	351,645	70
MAY	147,417	118,635	80	650,048	470,280	72
JUN	133,670	104,828	78	783,718	575,108	73
JUL	110,940	98,571	89	894,658	673,679	75
AUG	90,380	79,996	89	985,038	753,675	77
SEP	74,265	65,667	88	1,059,303	819,342	77
OCT	68,764	65,630	95	1,128,067	884,972	78
NOV	66,691	64,981	97	1,194,758	949,953	80
DEC	89,385			1,284,143		
TOTAL DRY WHEY 1/						
JAN	87,567	80,414	92	87,567	80,414	92
FEB	79,825	76,868	96	167,392	157,282	94
MAR	91,853	90,882	99	259,245	248,164	96
APR	92,806	90,322	97	352,051	338,486	96
MAY	98,168	98,842	101	450,219	437,328	97
JUN	98,325	93,392	95	548,544	530,720	97
JUL	89,510	88,449	99	638,054	619,169	97
AUG	82,816	83,803	101	720,870	702,972	98
SEP	79,195	86,941	110	800,065	789,913	99
OCT	77,642	85,197	110	877,707	875,110	100
NOV	72,044	82,879	115	949,751	957,989	101
DEC	81,282			1,031,033		
CREAMED COTTAGE CHEESE						
JAN	59,348	55,566	94	59,348	55,566	94
FEB	55,630	52,686	95	114,978	108,252	94
MAR	60,257	59,087	98	175,235	167,339	95
APR	62,083	58,842	95	237,318	226,181	95
MAY	63,321	58,553	92	300,639	284,734	95
JUN	59,616	59,141	99	360,255	343,875	95
JUL	62,944	58,986	94	423,199	402,861	95
AUG	61,221	57,451	94	484,420	460,312	95
SEP	57,615	55,875	97	542,035	516,187	95
OCT	60,361	55,212	91	602,396	571,399	95
NOV	51,160	51,196	100	653,556	622,595	95
DEC	51,263			704,819		
LOWFAT COTTAGE CHEESE						
JAN	20,807	21,149	102	20,807	21,149	102
FEB	21,219	21,229	100	42,026	42,378	101
MAR	22,267	22,848	103	64,293	65,226	101
APR	23,642	22,792	96	87,935	88,018	100
MAY	25,316	22,719	90	113,251	110,737	98
JUN	23,564	23,149	98	136,815	133,886	98
JUL	24,055	22,463	93	160,870	156,349	97
AUG	23,383	22,985	98	184,253	179,334	97
SEP	22,202	22,972	103	206,455	202,306	98
OCT	22,029	21,671	98	228,484	223,977	98
NOV	18,977	19,019	100	247,461	242,996	98
DEC	18,014			265,475		

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, NOVEMBER 1987

STATE	NOV	OCT	NOV	PERCENT OF	
	1986	1987	1987	NOV	OCT
	1,000 POUNDS			PERCENT	
				1986	1987
CALIF	14,823	17,200	17,190	116	100
IDAHO	7,133	8,103	8,384	118	103
IND	2,566	2,941	2,517	98	86
IOWA	8,238	9,614	10,177	124	106
KANS	1,773	1,523	2,023	114	133
KY	2,038	1,743	1,246	61	71
MICH	2,333	1,259	1,464	63	116
MINN	36,416	42,610	43,064	118	101
MO	3,785	4,575	4,130	109	90
NEBR	1,113	928	918	82	99
N Y	5,197	6,250	5,671	109	91
N DAK	3,081	3,300	3,245	105	98
OHIO	2,181	1,800	1,400	64	78
OREG	1,789	2,330	2,260	126	97
S DAK	5,552	5,765	5,838	105	101
UTAH	1,850	2,749	2,743	148	100
WASH	2,421	3,594	2,689	111	75
WIS	76,448	83,500	78,500	103	94
OTH STS	15,397	17,865	16,704	108	94
U S	194,134	217,649	210,163	108	97

BUTTER: PRODUCTION BY STATES, NOVEMBER 1987

STATE	NOV	OCT	NOV	PERCENT OF	
	1986	1987	1987	NOV	OCT
	1,000 POUNDS			PERCENT	
				1986	1987
CALIF	14,189	17,900	16,411	116	92
KANS	1,046	1,076	1,405	134	131
MICH	1,846	1,991	2,715	147	136
MINN	10,876	11,197	11,010	101	98
MO	1,807	1,072	1,296	72	121
N Y	1,751	1,606	1,571	90	98
N DAK	300	490	455	152	93
OHIO	1,100	1,302	1,145	104	88
OREG	1,133	1,100	1,000	88	91
PA	4,078	3,825	3,645	89	95
UTAH	586	792	993	169	125
WASH	5,367	6,184	5,985	112	97
WIS	19,001	23,000	22,500	118	98
OTH STS	17,215	18,628	18,076	105	97
U S	80,295	90,163	88,207	110	98

ICE CREAM (HARD): PRODUCTION BY STATES, NOVEMBER 1987

STATE	NOV	OCT	NOV	PERCENT OF	
	1986	1987	1987	NOV	OCT
	1,000 GALLONS			PERCENT	
ALA	1,047	1,588	1,397	133	88
ARIZ	337	572	444	132	78
CALIF	6,837	7,900	6,800	99	86
COLO	566	962	883	156	92
FLA	2,445	1,750	1,650	67	94
GA	614	695	617	100	89
ILL	1,718	1,765	1,690	98	96
IND	1,692	1,778	1,620	96	91
IOWA	1,394	1,499	1,305	94	87
KANS	446	564	464	104	82
LA	480	500	448	93	90
MD 1/	1,215	1,289	970	80	75
MASS	3,208	3,382	3,587	112	106
MICH	1,952	2,100	1,850	95	88
MINN	2,641	3,189	2,873	109	90
MO	1,151	1,340	1,150	100	86
N J	885	1,725	1,035	117	60
N Y	2,603	3,050	2,770	106	91
N C	1,960	2,285	2,356	120	103
OHIO	3,085	3,400	2,640	86	78
OKLA	804	879	821	102	93
OREG	431	610	540	125	89
PA	5,821	7,145	6,070	104	85
S C	851	1,304	989	116	76
TENN	1,500	1,225	836	56	68
TEX	3,177	3,559	3,440	108	97
UTAH	590	842	704	119	84
VA	1,176	1,300	1,350	115	104
WASH	1,636	1,213	1,221	75	101
WIS	1,384	1,700	1,500	108	88
OTH STS	4,261	4,260	3,972	93	93
U S	57,907	65,370	57,992	100	89

1/ INCLUDES DISTRICT OF COLUMBIA.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,
STOCKS AND SELLING PRICES, NOVEMBER 1987

PRODUCT	NOV 1986	OCT 1987	NOV 1987	PERCENT OF	
				NOV 1986	OCT 1987
	MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS			PERCENT	
DRY WHOLE MILK	8,257	11,974	10,489	127	88
NONFAT DRY MILK FOR HUMAN FOOD	55,639	69,457	62,079	112	89
DRY SKIM MILK FOR ANIMAL FEED	694	1,564	664	96	42
DRY BUTTERMILK, FOR HUMAN FOOD	3,460	4,784	3,807	110	80
	MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 1,000 POUNDS			PERCENT	
CANNED EVAPORATED: AND CONDENSED WHOLE MILK	62,118	64,158	34,765	56	54
DRY WHOLE MILK	5,634	6,404	6,543	116	102
NONFAT DRY MILK FOR HUMAN FOOD	43,700	44,992	45,122	103	100
DRY SKIM MILK FOR ANIMAL FEED	1,300	1,010	922	71	91
DRY BUTTERMILK, TOTAL	2,876	3,252	3,664	127	113
	MANUFACTURERS' SELLING PRICES 3/ CENTS PER POUND			CHANGE CENTS	
DRY WHOLE MILK	115.56	115.70	113.88	-1.68	-1.82
NONFAT DRY MILK FOR HUMAN FOOD	81.62	79.30	78.28	-3.34	-1.02
DRY SKIM MILK FOR ANIMAL FEED	38.43	38.27	40.06	+1.63	+1.79
DRY BUTTERMILK, FOR HUMAN FOOD	56.28	76.39	76.52	+20.24	+0.13

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, NOVEMBER 1987

PRODUCT	CCC PURCHASES (DELIVERY BASIS)			UNCOMMITTED CCC INVENTORIES		
	NOV 1986	NOV 1987	OCT 1, 1986 THROUGH NOV 30, 1986	OCT 1, 1987 THROUGH NOV 30, 1987	NOV 30, 1986	NOV 30, 1987 1/
	1,000 POUNDS					
BUTTER	0	10,884	0	33,124	151,827	66,817
CHEESE 2/ NONFAT	4,195	21,952	12,933	44,325	432,109	70,623
DRY MILK:	25,023	24,155	47,471	54,547	558,990	6,554

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PRINT BUTTER 31,794,148 POUNDS; PROCESS CHEESE 55,265,780 POUNDS; AND FORTIFIED NONFAT DRY MILK 30,289,148 POUNDS.
2/ AMERICAN AND MOZZARELLA CHEESE.





