

Dairy Products



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NOVEMBER 1988 HIGHLIGHTS

BUTTER production was 92.2 million pounds, 5 percent above November 1987 but the same as October 1988.

AMERICAN TYPE CHEESE production totaled 214 million pounds, 3 percent above November 1987 but 4 percent below October 1988.

TOTAL CHEESE output (excluding cottage cheese) during November was 454 million pounds, 5 percent above November 1987 but 3 percent below October 1988.

CREAMED COTTAGE CHEESE production was 49.1 million pounds, 4 percent below November 1987 and 3 percent below October 1988.

LOWFAT COTTAGE CHEESE production was 22.0 million pounds, 12 percent above November 1987 but 1 percent below October 1988.

CANNED EVAPORATED AND CONDENSED WHOLE MILK, production, at 40.4 million pounds, 19 percent below November 1987 and 2 percent below October 1988.

FROZEN DESSERTS: (Comparisons with November 1987)
Ice Cream (hard) -- 57.8 million gallons, up 1 percent.
Ice Milk -- 22.8 million gallons, up 11 percent.
Sherbet -- 2.80 million gallons, up 6 percent.

DRY MILK PRODUCTS: (Comparisons with November 1987)
Nonfat dry milk for human food -- 56.0 million pounds, down 14 percent.
Dry whole milk -- 12.7 million pounds, down 1 percent.
Dry buttermilk -- 3.30 million pounds, down 23 percent.

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BUTTER PACKAGING SURVEY

The results for May through October surveys are shown below. Note corrections in percent for printed and bulk dispositions. 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	MAY	JUN	JUL	AUG	SEP	OCT		
	1,000 POUNDS							
TOTAL SUPPLY	135,614	122,834	92,565	91,647	98,980	123,001		
	PERCENT OF DISPOSITION							
PRINTED	49.8	53.3	48.9	51.7	50.7	58.5		
PACKAGED IN BULK	47.1	42.4	46.2	41.2	45.7	37.9		
USED IN OTHER PRODUCTS	3.1	4.3	4.9	6.1	3.6	3.6		
	PERCENT OF PRINTED 1/							
PRINTED IN:								
QUARTERS	36.4	43.8	44.1	42.7	43.9	41.8		
ONE POUND SOLIDS (COMM'L.)	37.0	36.3	33.7	36.5	35.0	27.2		
INDIVIDUAL PORTIONS	9.6	12.9	18.0	17.0	14.2	10.0		
ONE POUND SOLIDS (GOV.)	16.6	6.7	3.1	2.5	5.3	20.7		
OTHER SIZES	0.4	0.3	1.1	1.3	1.6	0.3		
	PERCENT OF PACKAGED IN BULK							
BULK PACKAGED:								
SHIPPED TO OTHER PLANTS	14.6	13.4	24.6	26.2	28.1	17.8		
SHIPPED TO DISTRIBUTORS & WHOLESALERS	15.0	22.6	25.6	31.4	29.8	17.5		
SHIPPED TO FOOD PROCESSORS	12.7	13.4	18.7	14.3	12.9	14.9		
INSTITUTIONS, CCC,	37.3	32.1	15.1	12.8	13.9	22.1		
STORAGE FOR LATER USE	20.4	18.5	16.0	15.3	15.3	27.7		

1/ A CHANGE IN QUESTION WORDING MAY HAVE ALTERED RELATIONSHIP IN THE REPORTED CATEGORIES OF PRINTED BUTTER.

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,
AND PRICES 1/, UNITED STATES, NOVEMBER 1988

PRODUCT	NOV	OCT	NOV	PERCENT OF	
	1987	1988	1988	NOV	OCT
				1987	1988
	PRODUCTION			PERCENT	
	1,000 POUNDS				
CONDENSED WHEY, SOLIDS CONTENT 2/:					
SWEET-TYPE, HUMAN FOOD	6,577	6,705	7,222	110	108
SWEET-TYPE, ANIMAL FEED	1,312	1,100	1,983	151	180
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	64,311	68,901	65,065	101	94
DRY WHEY, ANIMAL FEED	15,467	16,278	15,658	101	96
REDUCED LACTOSE AND MINERALS					
HUMAN FOOD	4,557	7,889	7,966	175	101
ANIMAL FEED	2,295	2,004	1,997	87	100
LACTOSE, HUMAN FOOD	10,467	10,893	11,600	111	106
LACTOSE, ANIMAL FEED	869	483	609	70	126
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,488	1,679	1,260	51	75
ANIMAL FEED	11,238	9,707	9,551	85	98
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	6,410	7,178	6,656	104	93
ANIMAL FEED	1,491	1,664	1,618	109	97
	MANUFACTURERS' STOCKS, END OF MONTH 3/			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY					
HUMAN FOOD	25,812	36,127	31,259	121	87
ANIMAL FEED	7,005	11,626	11,604	166	100
REDUCED LACTOSE AND MINERALS					
HUMAN AND ANIMAL 4/	5,524	11,094	10,786	195	97
LACTOSE, HUMAN FOOD	14,815	14,863	13,879	94	93
LACTOSE, ANIMAL FEED	2,025	880	873	43	99
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	2,428	2,612	1,862	77	71
ANIMAL FEED	416	23	35	8	152
	MANUFACTURERS' SELLING PRICE 5/			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	15.8	10.6	8.6	-7.2	-2.0
SWEET-TYPE, ANIMAL FEED	6.3	6.0	6.0	-0.3	N.C.
DRY WHEY, HUMAN FOOD	26.8	16.7	14.8	-12.0	-1.9
DRY WHEY, ANIMAL FEED	23.0	15.0	13.7	-9.3	-1.3

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, 1987-88

MONTH	BY MONTH			CUMULATIVE		
	1987	1988	: 1988 : AS % OF : 1987	1987	1988	: 1988 : AS % OF : 1987
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
BUTTER						
JAN	111,870	124,711	111	111,870	124,711	111
FEB	97,437	117,088	120	209,307	241,799	116
MAR	105,403	116,435	110	314,710	358,234	114
APR	102,599	111,655	109	417,309	469,889	113
MAY	98,169	107,866	110	515,478	577,755	112
JUN	81,477	91,671	113	596,955	669,426	112
JUL	75,203	75,945	101	672,158	745,371	111
AUG	66,356	74,234	112	738,514	819,605	111
SEP	77,933	83,012	107	816,447	902,617	111
OCT	91,217	92,245	101	907,664	994,862	110
NOV	87,922	92,184	105	995,586	1,087,046	109
DEC	108,549			1,104,135		
AMERICAN CHEESE						
JAN	220,621	225,806	102	220,621	225,806	102
FEB	208,583	221,040	106	429,204	446,846	104
MAR	237,064	244,590	103	666,268	691,436	104
APR	245,216	251,819	103	911,484	943,255	103
MAY	262,184	258,692	99	1,173,668	1,201,947	102
JUN	245,921	245,185	100	1,419,589	1,447,132	102
JUL	235,324	235,857	100	1,654,913	1,682,989	102
AUG	205,889	213,669	104	1,860,802	1,896,658	102
SEP	201,796	210,065	104	2,062,598	2,106,723	102
OCT	214,099	224,136	105	2,276,697	2,330,859	102
NOV	207,399	214,056	103	2,484,096	2,544,915	102
DEC	232,563			2,716,659		
ITALIAN CHEESE						
JAN	140,217	148,232	106	140,217	148,232	106
FEB	133,024	146,694	110	273,241	294,926	108
MAR	153,465	165,776	108	426,706	460,702	108
APR	153,059	156,519	102	579,765	617,221	106
MAY	149,287	159,453	107	729,052	776,674	107
JUN	149,981	156,478	104	879,033	933,152	106
JUL	149,622	152,759	102	1,028,655	1,085,911	106
AUG	149,229	154,723	104	1,177,884	1,240,634	105
SEP	154,397	158,003	102	1,332,281	1,398,637	105
OCT	154,952	159,556	103	1,487,233	1,558,193	105
NOV	148,304	157,586	106	1,635,537	1,715,779	105
DEC	164,233			1,799,770		
TOTAL CHEESE						
JAN	421,953	432,771	103	421,953	432,771	103
FEB	398,637	428,823	108	820,590	861,594	105
MAR	457,447	483,860	106	1,278,037	1,345,454	105
APR	462,054	473,102	102	1,740,091	1,818,556	105
MAY	477,848	490,164	103	2,217,939	2,308,720	104
JUN	465,602	474,447	102	2,683,541	2,783,167	104
JUL	453,831	454,200	100	3,137,372	3,237,367	103
AUG	426,017	441,669	104	3,563,389	3,679,036	103
SEP	430,668	448,542	104	3,994,057	4,127,578	103
OCT	448,593	467,544	104	4,442,650	4,595,122	103
NOV	431,849	453,981	105	4,874,499	5,049,103	104
DEC	469,724			5,344,223		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1987-88

MONTH	BY MONTH			CUMULATIVE		
	1987	1988	1988 AS % OF 1987	1987	1988	1988 AS % OF 1987
	1,000 GALLONS		PERCENT	1,000 GALLONS		PERCENT
ICE CREAM (HARD)						
JAN	58,466	54,544	93	58,466	54,544	93
FEB	67,264	63,184	94	125,730	117,728	94
MAR	77,460	76,402	99	203,190	194,130	96
APR	78,128	73,636	94	281,318	267,766	95
MAY	81,538	80,885	99	362,856	348,651	96
JUN	92,620	94,056	102	455,476	442,707	97
JUL	92,010	88,763	96	547,486	531,470	97
AUG	84,347	87,678	104	631,833	619,148	98
SEP	75,623	74,604	99	707,456	693,752	98
OCT	63,495	62,621	99	770,951	756,373	98
NOV	57,093	57,768	101	828,044	814,141	98
DEC	58,521			886,565		
ICE MILK						
JAN	19,138	18,809	98	19,138	18,809	98
FEB	21,634	21,273	98	40,772	40,082	98
MAR	27,437	29,463	107	68,209	69,545	102
APR	29,109	29,594	102	97,318	99,139	102
MAY	31,715	34,710	109	129,033	133,849	104
JUN	36,725	39,066	106	165,758	172,915	104
JUL	37,205	37,519	101	202,963	210,434	104
AUG	32,863	39,437	120	235,826	249,871	106
SEP	27,980	31,194	111	263,806	281,065	107
OCT	24,982	25,420	102	288,788	306,485	106
NOV	20,572	22,816	111	309,360	329,301	106
DEC	20,952			330,312		
SHERBET (HARD)						
JAN	2,951	2,693	91	2,951	2,693	91
FEB	3,153	3,170	101	6,104	5,863	96
MAR	3,775	4,494	119	9,879	10,357	105
APR	4,424	4,628	105	14,303	14,985	105
MAY	4,515	4,512	100	18,818	19,497	104
JUN	5,463	5,837	107	24,281	25,334	104
JUL	5,297	5,755	109	29,578	31,089	105
AUG	4,608	5,212	113	34,186	36,301	106
SEP	3,854	4,182	109	38,040	40,483	106
OCT	2,923	3,467	119	40,963	43,950	107
NOV	2,641	2,797	106	43,604	46,747	107
DEC	2,969			46,573		
MELLORINE-TYPE FROZEN DESSERT						
JAN	586	439	75	586	439	75
FEB	686	667	97	1,272	1,106	87
MAR	861	942	109	2,133	2,048	96
APR	815	1,096	134	2,948	3,144	107
MAY	973	1,171	120	3,921	4,315	110
JUN	1,194	1,248	105	5,115	5,563	109
JUL	1,180	1,193	101	6,295	6,756	107
AUG	1,104	1,240	112	7,399	7,996	108
SEP	967	1,058	109	8,366	9,054	108
OCT	677	865	128	9,043	9,919	110
NOV	556	601	108	9,599	10,520	110
DEC	511			10,110		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1987-88

MONTH	BY MONTH			CUMULATIVE		
	1987	1988	1988 AS % OF 1987	1987	1988	1988 AS % OF 1987
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
NONFAT DRY MILK HUMAN FOOD						
JAN	82,014	83,781	102	82,014	83,781	102
FEB	79,139	85,789	108	161,153	169,570	105
MAR	92,556	95,801	104	253,709	265,371	105
APR	107,690	102,596	95	361,399	367,967	102
MAY	122,578	104,115	85	483,977	472,082	98
JUN	109,208	104,569	96	593,185	576,651	97
JUL	99,549	79,501	80	692,734	656,152	95
AUG	80,391	66,607	83	773,125	722,759	93
SEP	65,668	60,139	92	838,793	782,898	93
OCT	64,739	56,044	87	903,532	838,942	93
NOV	65,506	56,035	86	969,038	894,977	92
DEC	90,011			1,059,049		
TOTAL DRY WHEY 1/						
JAN	78,557	89,349	114	78,557	89,349	114
FEB	75,641	83,648	111	154,198	172,997	112
MAR	89,567	94,856	106	243,765	267,853	110
APR	91,335	90,920	100	335,100	358,773	107
MAY	98,286	96,987	99	433,386	455,760	105
JUN	90,762	93,251	103	524,148	549,011	105
JUL	87,956	89,770	102	612,104	638,781	104
AUG	84,501	90,660	107	696,605	729,441	105
SEP	85,333	86,469	101	781,938	815,910	104
OCT	82,116	85,179	104	864,054	901,089	104
NOV	79,778	80,723	101	943,832	981,812	104
DEC	90,468			1,034,300		
CREAMED COTTAGE CHEESE						
JAN	55,875	51,025	91	55,875	51,025	91
FEB	53,317	53,702	101	109,192	104,727	96
MAR	60,358	58,586	97	169,550	163,313	96
APR	58,474	54,863	94	228,024	218,176	96
MAY	59,061	57,581	97	287,085	275,757	96
JUN	60,488	57,025	94	347,573	332,782	96
JUL	58,669	56,012	95	406,242	388,794	96
AUG	56,902	59,339	104	463,144	448,133	97
SEP	56,181	52,607	94	519,325	500,740	96
OCT	54,496	50,498	93	573,821	551,238	96
NOV	51,279	49,057	96	625,100	600,295	96
DEC	49,438			674,538		
LOWFAT COTTAGE CHEESE						
JAN	21,899	20,954	96	21,899	20,954	96
FEB	22,150	21,640	98	44,049	42,594	97
MAR	23,945	23,715	99	67,994	66,309	98
APR	23,347	23,103	99	91,341	89,412	98
MAY	23,686	25,123	106	115,027	114,535	100
JUN	24,738	25,562	103	139,765	140,097	100
JUL	23,261	24,655	106	163,026	164,752	101
AUG	23,463	25,691	109	186,489	190,443	102
SEP	23,354	24,035	103	209,843	214,478	102
OCT	22,163	22,270	100	232,006	236,748	102
NOV	19,678	22,003	112	251,684	258,751	103
DEC	18,601			270,285		

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, NOVEMBER 1988

STATE	NOV	OCT	NOV	PERCENT OF	
	1987	1988	1988	NOV	OCT
1,000 POUNDS			PERCENT		
CALIF	17,143	20,600	16,800	98	82
IDAHO	7,169	6,045	5,646	79	93
IND	2,517	2,434	2,041	81	84
IOWA	9,862	11,166	10,834	110	97
KANS	2,023	2,414	2,438	121	101
KY	1,246	1,045	837	67	80
MICH	1,465	2,752	1,612	110	59
MINN	43,059	51,370	49,713	115	97
MO	4,127	4,630	5,340	129	115
N Y	5,668	5,900	6,400	113	108
N DAK	3,276	2,570	2,590	79	101
OHIO	1,495	1,280	1,200	80	94
OREG	2,256	2,500	2,600	115	104
S DAK	5,839	5,657	5,570	95	98
UTAH	2,743	3,142	3,337	122	106
WASH	2,689	2,337	2,424	90	104
WIS	77,351	81,200	78,000	101	96
OTH STS	17,471	17,094	16,674	95	98
U S	207,399	224,136	214,056	103	96

BUTTER: PRODUCTION BY STATES, NOVEMBER 1988

STATE	NOV	OCT	NOV	PERCENT OF	
	1987	1988	1988	NOV	OCT
1,000 POUNDS			PERCENT		
CALIF	16,411	19,900	18,400	112	92
KANS	1,405	1,734	1,927	137	111
MICH	2,715	2,078	2,136	79	103
MINN	11,011	7,554	8,319	76	110
MO	1,296	960	724	56	75
N Y	1,404	1,530	1,547	110	101
N DAK	456	350	260	57	74
OHIO	1,153	1,300	1,330	115	102
OKLA	1,167	1,338	1,175	101	88
OREG	1,006	800	850	84	106
PA	3,844	4,325	4,915	128	114
UTAH	993	1,168	1,305	131	112
WASH	5,985	7,208	7,698	129	107
WIS	22,284	23,200	22,500	101	97
OTH STS	16,792	18,800	19,098	114	102
U S	87,922	92,245	92,184	105	100

ICE CREAM (HARD): PRODUCTION BY STATES, NOVEMBER 1988

STATE	NOV	OCT	NOV	PERCENT OF	
	1987	1988	1988	NOV	OCT
	1,000 GALLONS			PERCENT	
ALA	1,426	1,579	1,405	99	89
ARIZ	444	604	407	92	67
CALIF	7,100	7,450	6,900	97	93
COLO	888	998	620	70	62
FLA	1,875	1,915	2,085	111	109
GA	615	608	561	91	92
ILL	1,795	1,866	1,804	101	97
IND	1,596	1,688	1,565	98	93
IOWA	1,313	1,472	1,457	111	99
KANS	464	408	360	78	88
MD 1/	1,088	1,113	995	91	89
MASS	3,368	2,700	2,730	81	101
MICH	1,735	1,840	1,645	95	89
MINN	2,814	2,648	2,646	94	100
MO	1,156	1,190	920	80	77
N J	638	1,700	1,800	282	106
N Y	2,242	4,100	3,400	152	83
N C	2,356	2,607	2,437	103	93
OHIO	2,585	3,000	2,600	101	87
OKLA	821	865	857	104	99
OREG	633	580	580	92	100
PA	5,760	6,200	6,275	109	101
S C	989	1,007	952	96	95
TENN	836	1,337	1,236	148	92
TEX	3,440	3,520	3,310	96	94
UTAH	702	535	581	83	109
VA	1,276	629	802	63	128
WASH	1,264	1,783	1,187	94	67
WIS	1,301	1,600	1,300	100	81
OTH STS	4,573	5,079	4,351	95	86
U S	57,093	62,621	57,768	101	92

1/ INCLUDES DISTRICT OF COLUMBIA.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,
STOCKS AND SELLING PRICES, NOVEMBER 1988

PRODUCT	NOV	OCT	NOV	PERCENT OF	
	1987	1988	1988	NOV	OCT
				1987	1988
	MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS				
				PERCENT	
DRY WHOLE MILK	10,489	12,141	10,623	101	87
NONFAT DRY MILK					
FOR HUMAN FOOD	62,079	59,607	55,355	89	93
DRY SKIM MILK					
FOR ANIMAL FEED	664	393	441	66	112
DRY BUTTERMILK,					
FOR HUMAN FOOD	3,807	3,278	3,565	94	109
	MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 4/ 1,000 POUNDS				
				PERCENT	
CANNED EVAPORATED:					
AND CONDENSED					
WHOLE MILK	34,765	89,383	51,547	148	58
DRY WHOLE MILK	6,543	10,618	10,774	165	101
NONFAT DRY MILK					
FOR HUMAN FOOD	45,122	49,938	39,116	87	78
DRY SKIM MILK					
FOR ANIMAL FEED	922	821	821	89	100
DRY BUTTERMILK,					
TOTAL	3,664	3,879	4,158	113	107
	MANUFACTURERS' SELLING PRICES 3/ 4/ CENTS PER POUND				
				CHANGE CENTS	
DRY WHOLE MILK	113.88	120.07	121.86	+7.98	+1.79
NONFAT DRY MILK					
FOR HUMAN FOOD	78.28	82.60	84.14	+5.86	+1.54
DRY SKIM MILK					
FOR ANIMAL FEED	40.06	50.79	54.40	+14.34	+3.61
DRY BUTTERMILK,					
FOR HUMAN FOOD	76.52	81.96	81.28	+4.76	-0.68

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 1988

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	NOV	NOV	OCT 1, 1987	OCT 1, 1988	NOV 30,	NOV 30,
	1987	1988	THROUGH	THROUGH	1987	1988 1/
			NOV 30, 1987:	NOV 30, 1988:		
			1,000 POUNDS			
BUTTER	10,884	9,173	33,124	24,386	66,817	133,188
CHEESE 2/:	21,952	2,343	44,325	4,501	70,623	16,083
NONFAT						
DRY MILK:	24,155	0	54,547	0	6,554	6,050

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PRINT BUTTER 19,154,348 POUNDS; PROCESS CHEESE, 7,925,059 POUNDS; AND INSTANT FORTIFIED NONFAT DRY MILK, 5,229,000 POUNDS. 2/ AMERICAN AND MOZZARELLA CHEESE.

