

DAIRY PRODUCTS



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OCTOBER HIGHLIGHTS

Butter production was 71.1 million pounds in October, 10 percent more than September but 16 percent less than October 1977.

American type cheese totaled 159 million pounds, 7 percent above last month and 9 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 279 million pounds, up 5 percent from the previous month and 9 percent more than the previous year.

Creamed cottage cheese, 72.0 million pounds, up 4 percent from a year ago.

Lowfat cottage cheese, 12.4 million pounds, 9 percent more than a year earlier.

Canned evaporated and condensed whole milk, 58.9 million pounds, up 10 percent from October 1977.

Frozen desserts: (Comparisons with October 1977)

Ice cream--64.7 million gallons, up 8 percent.

Ice milk--22.2 million gallons, up 6 percent.

Sherbet--3.72 million gallons, up 16 percent.

Dry milk products: (Comparisons with October 1977)

Nonfat dry milk for human food--49.0 million pounds, down 30 percent.

Dry whole milk--4.90 million pounds, up 13 percent.

Dry buttermilk--2.82 million pounds, down 31 percent.

MANUFACTURING GRADE MILK PRICES CONTINUE TO INCREASE

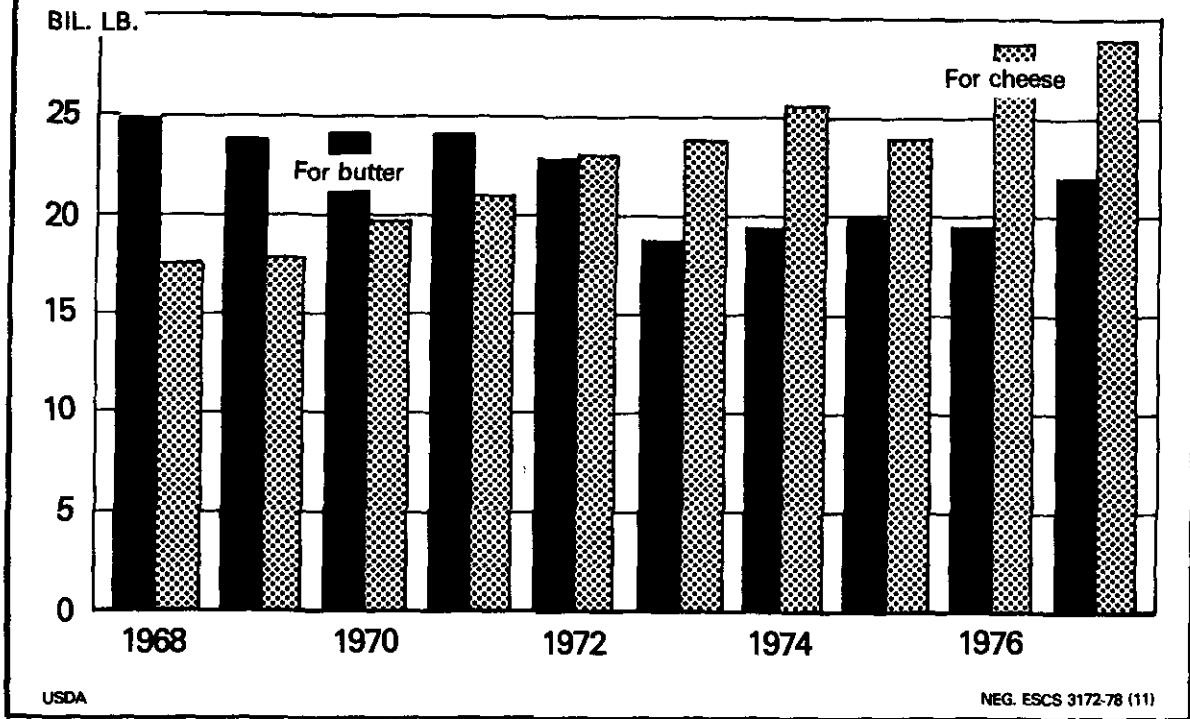
Butter-powder, \$10.24, up 41 cents from September, and \$1.29 above October 1977.

American cheese, \$10.59, an increase of 58 cents from the previous month and \$1.52 above the previous year.

Miscellaneous cheese, \$10.69, up 55 cents from September, and \$1.51 higher than October 1977.

Evaporated milk (canned), \$9.87, 43 cents above last month, and \$1.16 above the previous year.

U.S. EQUIVALENTS OF MILK FOR PRODUCTION OF BUTTER AND CHEESE



U.S. EQUIVALENTS OF MILK REQUIRED FOR THE PRODUCTION OF BUTTER AND CHEESE,
1968-77

YEAR	PRODUCT		YEAR	PRODUCT	
	FOR BUTTER 1/	FOR CHEESE		FOR BUTTER	FOR CHEESE
	1,000 LBS			1,000 LBS	
1968	24,913	17,376	1973	18,609	23,605
1969	23,664	17,626	1974	19,334	25,669
1970	23,934	19,541	1975	19,873	23,883
1971	23,904	20,962	1976	19,404	28,763
1972	22,744	22,855	1977	21,854	28,858

1/ EXCLUDES MILK EQUIVALENTS OF BUTTER FROM WHEY CREAM.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, OCTOBER 1978

PRODUCT	OCT 1976	OCT 1977	SEP 1978	OCT 1978	PERCENT OF	
					OCT 1977	SEP 1978
	1,000 POUNDS				PERCENT	
BUTTER	78,072	84,547	64,543	71,136	84	110
CHEESE:						
AMERICAN TYPES <u>1/</u>	150,243	146,245	149,231	158,987	109	107
SWISS	15,382	12,651	15,575	14,803	117	95
BRICK AND MUNSTER	6,257	6,693	5,879	6,202	93	105
CREAM AND NEUFCHATTEL	17,360	17,098	16,920	19,231	112	114
BLUE	3,146	3,057	2,824	2,852	93	101
MOZZARELLA	39,796	46,469	49,091	51,209	110	104
OTHER ITALIAN TYPES	18,510	20,025	21,288	21,447	107	101
TOTAL ITALIAN TYPES	58,306	66,494	70,379	72,656	109	103
ALL OTHER TYPES <u>2/</u>	3,809	4,550	4,111	4,665	103	113
TOTAL	254,503	256,788	264,919	279,396	109	105
COTTAGE CHEESE, CURD <u>3/</u>	56,249	56,375	59,657	58,617	104	98
COTTAGE CHEESE, CREAMED <u>4/</u>	69,534	69,471	72,221	72,017	104	100
COTTAGE CHEESE, LOWFAT <u>5/</u>	10,729	11,367	12,913	12,366	109	96
CANNED EVAPORATED AND CONDENSED WHOLE MILK	59,215	53,486	58,195	58,944	110	101
DRY WHOLE MILK	4,557	4,346	5,029	4,899	113	97
NONFAT DRY MILK FOR HUMAN FOOD	56,480	70,285	59,128	48,959	70	83
DRY SKIM MILK FOR ANIMAL FEED	538	822	647	444	54	69
DRY BUTTERMILK	3,959	4,085	2,701	2,818	69	104
	1,000 GALLONS				PERCENT	
ICE CREAM	59,805	59,629	73,059	64,656	108	88
ICE MILK	19,975	20,877	25,954	22,190	106	85
SHERBET	3,088	3,210	4,089	3,717	116	91
MELLORINE-TYPE FROZEN DESSERTS <u>6/</u>	1,628	1,289	1,583	1,500	116	95

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.

ESTIMATES IN THIS REPORT ARE BASED ON DATA PROVIDED BY MANUFACTURERS OF DAIRY PRODUCTS TO THE ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE. IN ADDITION, STATE DEPARTMENTS OF AGRICULTURE IN 32 STATES ASSIST IN COLLECTING DATA. DATA ARE COLLECTED BY MAIL, PERSONAL AND TELEPHONE INTERVIEWS FOLLOWING THE CLOSE OF EACH MONTH. REPORTS ARE RECEIVED FROM ALL DAIRY PLANTS IN THOSE STATES WITH SMALL NUMBERS OF PLANTS, BUT IN STATES WITH LARGE NUMBERS OF PLANTS, SURVEY PROCEDURES ARE DESIGNED TO OBTAIN REPORTS FROM ALL PLANTS IN THE LARGER SIZE STRATA AND FROM A SAMPLE OF PLANTS IN THE SMALLER SIZE STRATA. ESTIMATES ARE BASED UPON RETURNS FROM ABOUT 70 PERCENT OF PLANTS WHICH ACCOUNT FOR 75 TO 90 PERCENT OF THE TOTAL PRODUCTION OF MAJOR DAIRY PRODUCTS.

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,
AND PRICES, UNITED STATES, OCTOBER 1978

PRODUCT	OCT 1977	SEP 1978 1/	OCT 1978	PERCENT OF	
				OCT 1977	SEP 1978
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT 2/					
SWEET-TYPE, HUMAN FOOD	9,196	9,034	9,361	102	104
SWEET-TYPE, ANIMAL FEED	1,468	2,451	2,894	197	118
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED:	805	675	801	100	119
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	36,190	39,038	40,273	111	103
DRY WHEY, ANIMAL FEED	9,337	15,198	11,079	119	73
PARTIALLY DELACTOSED					
HUMAN FOOD	2,000	2,140	3,039	152	142
ANIMAL FEED	10,704	11,120	10,449	98	94
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,678	2,998	1,328	50	44
ANIMAL FEED	3/	3/	3/		
PARTIALLY DELACTOSED/ Demineralized, HUMAN FOOD	665	466	908	137	195
PARTIALLY DELACTOSED/ Demineralized, ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	7,680	7,708	8,168	106	106
LACTOSE, ANIMAL FEED	311	400	404	130	101
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	1,974	3,103	2,988	151	96
ANIMAL FEED	4,602	4,867	5,708	124	117
	MANUFACTURERS' STOCKS, END OF MONTH 5/			PERCENT	
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD 6/	21,537	32,734	38,702	180	118
ANIMAL FEED 6/	9,029	27,679	27,375	303	99
PARTIALLY DEMINERALIZED					
HUMAN FOOD	1,889	2,170	1,547	82	71
PARTIALLY DELACTOSED/ Demineralized, HUMAN FOOD	807	759	1,160	144	153
PARTIALLY DELACTOSED/ Demineralized, ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	5,559	11,222	12,014	216	107
LACTOSE, ANIMAL FEED	2,256	4/	4/		
	MANUFACTURERS' SELLING PRICE 7/			CENTS CHANGE	
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	9.6	8.1	7.7	-1.9	-0.4
SWEET-TYPE, ANIMAL FEED	2.1	2.8	3.9	+1.8	+1.1
ACID-TYPE, HUMAN FOOD	3/	3/	3/		
ACID-TYPE, ANIMAL FEED	4/	4/	4/		
DRY WHEY, HUMAN FOOD	14.9	14.0	14.0	-0.9	NC
DRY WHEY, ANIMAL FEED	10.4	11.7	11.4	+1.0	-0.3

1/ 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/ NONE REPORTED. 4/ NOT PUBLISHED TO AVOID DISCLOSURE OF INDIVIDUAL PLANT OPERATIONS. 5/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT. 6/ DRY WHEY AND PARTIALLY DELACTOSED WHEY STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. 7/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1976-78

MONTH	BY MONTH				CUMULATIVE			
	1976	1977	1978	1978 AS % OF 1977	1976	1977	1978	1978 AS % OF 1977
	1,000 POUNDS			PERCENT	1,000 POUNDS			PERCENT
BUTTER								
JAN	92,519	105,455	108,336	103	92,519	105,455	108,336	103
FEB	84,961	95,431	95,682	100	177,480	200,886	204,018	102
MAR	90,021	98,402	97,720	99	267,501	299,288	301,738	101
APR	87,021	99,946	98,506	99	354,522	399,234	400,244	100
MAY	91,397	103,180	96,727	94	445,919	502,414	496,971	99
JUN	83,937	93,019	84,664	91	529,856	595,433	581,635	98
JUL	71,487	81,762	73,656	90	601,343	677,195	655,291	97
AUG	65,074	77,803	64,151	82	666,417	754,998	719,442	95
SEP	64,046	75,033	64,543	86	730,463	830,031	783,985	94
OCT	78,072	84,547	71,136	84	808,535	914,578	855,121	93
NOV	77,551	81,528			886,086	996,106		
DEC	92,545	89,489			978,631	1,085,595		
AMERICAN CHEESE								
JAN	147,402	168,720	163,578	97	147,402	168,720	163,578	97
FEB	146,134	159,125	154,279	97	293,536	327,845	317,857	97
MAR	168,356	183,500	182,934	100	461,892	511,345	500,791	98
APR	188,550	194,358	190,839	98	650,442	705,703	691,630	98
MAY	206,618	212,035	208,207	98	857,060	917,738	899,837	98
JUN	208,235	201,285	209,299	104	1,065,295	1,119,023	1,109,136	99
JUL	187,764	175,220	183,402	105	1,253,059	1,294,243	1,292,538	100
AUG	176,861	164,904	167,456	102	1,429,920	1,459,147	1,459,994	100
SEP	154,456	141,446	149,231	106	1,584,370	1,600,593	1,609,225	101
OCT	150,243	146,245	158,987	109	1,734,619	1,746,838	1,768,212	101
NOV	145,796	135,403			1,880,415	1,882,241		
DEC	168,413	160,129			2,048,828	2,042,370		
CREAMED COTTAGE CHEESE								
JAN	69,330	68,424	68,777	101	69,330	68,424	68,777	101
FEB	68,466	68,893	67,919	99	137,796	137,317	136,696	100
MAR	82,157	81,522	80,410	99	219,953	218,839	217,106	99
APR	75,817	75,697	75,478	100	295,770	294,536	292,584	99
MAY	76,419	78,411	81,112	103	372,189	372,947	373,696	100
JUN	78,235	77,347	77,505	100	450,424	450,294	451,201	100
JUL	75,937	74,305	73,240	99	526,361	524,599	524,441	100
AUG	74,428	77,210	77,225	100	600,789	601,809	601,666	100
SEP	73,089	73,632	72,221	98	673,878	675,441	673,887	100
OCT	69,534	69,471	72,017	104	743,412	744,912	745,904	100
NOV	67,871	69,478			811,283	814,390		
DEC	63,322	63,256			874,605	877,646		
LOWFAT COTTAGE CHEESE								
JAN	10,987	10,945	11,548	106	10,987	10,945	11,548	106
FEB	10,637	10,711	11,174	104	21,624	21,656	22,722	105
MAR	12,712	13,086	13,999	107	34,336	34,742	36,721	106
APR	12,010	12,185	12,773	105	46,346	46,927	49,494	105
MAY	11,980	12,232	13,685	112	58,326	59,159	63,179	107
JUN	12,240	12,393	13,467	109	70,566	71,552	76,646	107
JUL	11,790	11,271	12,683	113	82,356	82,823	89,329	108
AUG	11,270	12,231	13,700	112	93,626	95,054	103,029	108
SEP	11,428	11,403	12,913	113	105,054	106,457	115,942	109
OCT	10,729	11,367	12,366	109	115,783	117,824	128,308	109
NOV	10,304	10,961			126,087	128,785		
DEC	9,277	10,222			135,364	139,007		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1976-78

MONTH	BY MONTH				CUMULATIVE			
	1976	1977	1978	1978 AS % OF 1977	1976	1977	1978	1978 AS % OF 1977
	1,000 GALLONS			PERCENT	1,000 GALLONS			PERCENT
<u>ICE CREAM</u>								
JAN	54,570	50,928	52,459	103	54,570	50,928	52,459	103
FEB	57,453	55,510	56,472	102	112,023	106,438	108,931	102
MAR	73,742	73,140	70,735	97	185,765	179,578	179,666	100
APR	70,757	67,751	65,320	96	256,522	247,329	244,986	99
MAY	70,189	70,742	72,991	103	326,711	318,071	317,977	100
JUN	83,783	83,324	85,493	103	410,494	401,395	403,470	101
JUL	82,482	78,767	80,228	102	492,976	480,162	483,698	101
AUG	79,178	83,081	84,481	102	572,154	563,243	568,179	101
SEP	74,187	71,650	73,059	102	646,341	634,893	641,238	101
OCT	59,805	59,629	64,656	108	706,146	694,522	705,894	102
NOV	57,190	56,306			763,336	750,828		
DEC	54,905	53,304			818,241	804,132		
<u>ICE MILK</u>								
JAN	15,343	15,138	14,046	93	15,343	15,138	14,046	93
FEB	17,571	16,946	16,332	96	32,914	32,084	30,378	95
MAR	24,568	24,413	23,872	98	57,482	56,497	54,250	96
APR	26,078	26,067	25,701	99	83,560	82,564	79,951	97
MAY	28,161	30,441	30,524	100	111,721	113,005	110,475	98
JUN	32,436	33,909	34,603	102	144,157	146,914	145,078	99
JUL	33,334	34,439	33,886	98	177,491	181,353	178,964	99
AUG	31,470	32,502	33,382	103	208,961	213,855	212,346	99
SEP	25,242	26,129	25,954	99	234,203	239,984	238,300	99
OCT	19,975	20,877	22,190	106	254,178	260,861	260,490	100
NOV	16,293	17,171			270,471	278,032		
DEC	15,705	15,268			286,176	293,300		
<u>SHERBET</u>								
JAN	3,015	2,894	3,012	104	3,015	2,894	3,012	104
FEB	3,013	2,830	2,745	97	6,028	5,724	5,757	101
MAR	4,310	4,206	4,041	96	10,338	9,930	9,798	99
APR	4,444	4,211	4,193	100	14,782	14,141	13,991	99
MAY	4,771	4,903	4,706	96	19,553	19,044	18,697	98
JUN	5,966	5,928	5,923	100	25,519	24,972	24,620	99
JUL	5,755	5,697	5,315	93	31,274	30,669	29,935	98
AUG	5,045	5,716	5,207	91	36,319	36,385	35,142	97
SEP	4,215	4,281	4,089	96	40,534	40,666	39,231	96
OCT	3,088	3,210	3,717	116	43,622	43,876	42,948	98
NOV	2,873	2,961			46,495	46,837		
DEC	3,094	3,133			49,589	49,970		
<u>MELLORINE-TYPE FROZEN DESSERT</u>								
JAN	1,795	1,214	1,174	97	1,795	1,214	1,174	97
FEB	1,765	1,426	1,233	86	3,560	2,640	2,407	91
MAR	2,275	1,826	1,563	86	5,835	4,466	3,970	89
APR	2,151	1,625	1,704	105	7,986	6,091	5,674	93
MAY	2,100	1,802	1,826	101	10,086	7,893	7,500	95
JUN	2,463	2,079	2,056	99	12,549	9,972	9,556	96
JUL	2,403	1,838	1,823	99	14,952	11,810	11,379	96
AUG	2,253	1,944	1,785	92	17,205	13,754	13,164	96
SEP	2,085	1,619	1,583	98	19,290	15,373	14,747	96
OCT	1,628	1,289	1,500	116	20,918	16,662	16,247	98
NOV	1,249	1,156			22,167	17,818		
DEC	1,117	977			23,284	18,795		

PRODUCTION OF NONFAT DRY MILK FOR HUMAN FOOD: BY MONTHS, UNITED STATES,
OCTOBER 1978

MONTH	BY MONTHS				CUMULATIVE			
	1976	1977	1978	1978 AS % OF 1977	1976	1977	1978	1978 AS % OF 1977
	1,000 POUNDS			PERCENT	1,000 POUNDS			PERCENT
JAN	61,084	70,259	79,703	113	61,084	70,259	79,703	113
FEB	68,425	71,663	70,617	99	129,509	141,922	150,320	106
MAR	78,836	87,970	84,431	96	208,345	229,892	234,751	102
APR	91,640	105,891	96,414	91	299,985	335,783	331,165	99
MAY	105,513	119,829	103,001	86	405,498	455,612	434,166	95
JUN	108,078	130,224	113,472	87	513,576	585,836	547,638	93
JUL	96,278	123,236	98,168	80	609,854	709,072	645,806	91
AUG	76,193	105,970	78,561	74	686,047	815,042	724,367	89
SEP	56,087	77,558	59,128	76	742,134	892,600	783,495	88
OCT	56,480	70,285	48,959	70	798,614	962,885	832,454	86
NOV	53,901	65,132			852,515	1,028,017		
DEC	73,668	77,954			926,183	1,105,971		

BUTTER: PRODUCTION BY STATES, OCTOBER 1978

STATE	OCT	OCT	SEP	OCT	PERCENT OF	
	1976	1977	1978	1978	OCT 1977	SEP 1978
	1,000 POUNDS				PERCENT	
CALIF	11,857	13,232	11,100	9,600	73	86
IDAHO	652	681	554	573	84	103
ILL	1,025	739	275	255	35	93
IND	1,575	810	581	971	120	167
IOWA	2,526	3,195	1,960	1,547	48	79
KANS	1,520	1,438	796	1,089	76	137
KY	1,648	1,407	976	1,266	90	130
MICH	2,202	2,881	1,650	2,100	73	127
MINN	11,690	13,025	11,700	12,495	96	107
MO	1,691	1,660	1,542	2,131	128	138
NEBR	1,456	1,276	1,219	1,479	116	121
N Y	2,139	2,852	1,455	1,820	64	125
N DAK	385	453	453	496	109	109
OHIO	1,974	2,799	1,661	2,170	78	131
OKLA	1,926	1,472	1,033	1,921	131	186
OREG	988	1,321	1,100	1,250	95	114
PA	2,110	3,083	2,150	2,745	89	128
S DAK	745	817	797	742	91	93
TENN	1,524	1,726	1,005	1,808	105	180
UTAH	467	363	278	306	84	110
VT	950	248	391	364	147	93
WASH	2,940	2,430	2,443	2,160	89	88
WIS	18,767	20,306	16,250	17,550	86	108
OTH STS	5,315	6,333	3,174	4,298	68	135
U S	78,072	84,547	64,543	71,136	84	110

AMERICAN CHEESE: PRODUCTION BY STATES, OCTOBER 1978

STATE	OCT 1976	OCT 1977	SEP 1978	OCT 1978	PERCENT OF	
	1,000 POUNDS				OCT 1977	SEP 1978
					PERCENT	
IDAHO	4,675	5,054	6,234	5,459	108	88
ILL	824	984	674	530	54	79
IND	2,071	2,407	2,091	2,116	88	101
IOWA	7,866	6,321	5,923	6,830	108	115
KANS	1,590	1,111	1,318	1,571	141	119
KY	3,710	3,698	3,340	3,153	85	94
MICH	1,531	1,790	1,950	2,050	115	105
MINN	28,608	25,453	25,015	31,555	124	126
MO	3,924	3,573	3,330	3,700	104	111
NEBR	2,489	2,095	2,200	2,075	99	94
N Y	5,125	4,856	6,440	5,800	119	90
N DAK	3,503	3,657	3,787	3,746	102	99
S DAK	3,197	3,147	3,157	3,253	103	103
TENN	1,162	1,265	1,355	1,393	110	103
UTAH	3,096	2,766	3,111	2,664	96	86
VT	1,137	1,499	1,634	1,599	107	98
WIS	62,251	62,509	64,700	67,300	108	104
OTH STS	13,484	14,060	12,972	14,193	101	109
U S	150,243	146,245	149,231	158,987	109	107

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, OCTOBER 1978

PRODUCT	CCC PURCHASES (DELIVERY BASIS)			UNCOMMITTED CCC INVENTORIES	
	OCT 1977	OCT 1978		OCT 31, 1977	OCT 31, 1978 1/
	1,000 POUNDS				
BUTTER	6,972	0		163,401	195,877
CHEESE	1,409	0		69,329	23,606
NONFAT DRY MILK	26,422	6,927		645,213	560,856

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 31,558,000 POUNDS; PROCESSED CHEESE, 23,606,000 POUNDS; AND FORTIFIED NONFAT DRY MILK, 32,243,000 POUNDS.

ICE CREAM: PRODUCTION BY STATES, OCTOBER 1978

STATE	OCT 1976	OCT 1977	SEP 1978	OCT 1978	PERCENT OF	
	1,000 GALLONS				OCT 1977	SEP 1978
					PERCENT	
ALA	888	917	856	862	94	101
ARIZ	520	555	546	485	87	89
CALIF	6,429	6,557	6,900	8,200	125	119
COLO	591	665	659	707	106	107
CONN	1,166	790	1,400	1,570	199	112
FLA	2,120	2,301	2,684	2,303	100	86
GA	446	449	442	427	95	97
ILL	3,276	2,991	4,020	3,180	106	79
IND	2,033	1,809	2,674	2,123	117	79
IOWA	845	715	920	925	129	101
KANS	534	538	509	439	82	86
KY	331	380	458	388	102	85
LA	796	824	810	630	76	78
MD 1/	1,314	1,380	2,040	1,800	130	88
MASS	3,429	3,339	3,560	3,180	95	89
MICH	2,537	2,648	3,300	2,850	108	86
MINN	2,054	2,103	2,875	2,460	117	86
MO	1,410	1,195	1,800	1,345	113	75
NEBR	619	782	950	1,025	131	108
N J	1,140	825	700	400	48	57
N Y	4,579	4,172	6,300	4,100	98	65
N C	2,016	2,016	2,550	2,100	104	82
OHIO	3,649	3,693	4,200	3,650	99	87
OKLA	658	765	687	748	98	109
OREG	580	474	570	610	129	107
PA	4,965	5,215	6,740	6,090	117	90
S C	759	854	1,370	1,151	135	84
TENN	1,210	1,350	1,634	1,396	103	85
TEX	2,649	2,977	3,408	2,985	100	88
UTAH	497	511	621	670	131	108
VA	592	638	720	690	108	96
WASH	1,230	1,306	1,228	1,319	101	107
WIS	1,360	1,408	1,900	1,300	92	68
OTH STS	2,583	2,487	3,028	2,548	102	84
U S	59,805	59,629	73,059	64,656	108	88

1/ INCLUDES DISTRICT OF COLUMBIA.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED PRIMARILY FOR CANNED EVAPORATED MILK BY REGIONS, OCTOBER 1978

REGION	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	OCT 1977	SEP 1978	OCT 1978	OCT 1977	SEP 1978	OCT 1978	OCT 1977	SEP 1978	OCT 1978
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.69	9.34	9.83	3.76	3.60	3.71	2.31	2.59	2.65
S ATL & CENTRAL	8.70	9.51	9.94	3.88	3.62	3.84	2.24	2.63	2.59
WEST	8.81	9.53	9.81	3.46	3.45	3.55	2.55	2.76	2.76
U S	8.71	9.44	9.87	3.75	3.58	3.73	2.32	2.64	2.65

1/ AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,
STOCKS AND SELLING PRICES, OCTOBER 1978

PRODUCT	OCT 1976	OCT 1977	SEP 1978	OCT 1978	PERCENT OF	
	MANUFACTURERS' SHIPMENTS ^{1/} 1,000 POUNDS				OCT 1977	SEP 1978
					PERCENT	
DRY WHOLE MILK	3,952	4,815	5,729	6,102	127	107
NONFAT DRY MILK FOR HUMAN FOOD	52,060	79,305	51,787	49,453	62	95
DRY SKIM MILK FOR ANIMAL FEED	377	1,048	661	477	46	72
DRY BUTTERMILK, FOR HUMAN FOOD	1,760	3,331	2,212	1,950	59	88
DRY BUTTERMILK, TOTAL	1,817	3,442	2,300	2,037	59	89
	MANUFACTURERS' STOCKS, END-OF-MONTH ^{2/} 1,000 POUNDS				PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	131,705	134,311	135,972	113,826	85	84
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	10,456	5,763	7,398	5,319	92	72
DRY SKIM MILK FOR ANIMAL FEED	104,752	68,019	64,066	54,657	80	85
DRY BUTTERMILK, FOR HUMAN FOOD	2,847	2,329	1,193	1,094	47	92
DRY BUTTERMILK, TOTAL	7,035	3,394	1,843	1,927	57	105
	MANUFACTURERS' SELLING PRICES ^{3/} CENTS PER POUND				CHANGE-CENTS	
DRY WHOLE MILK	78.39	82.33	92.61	94.89	+ 12.56	+2.28
NONFAT DRY MILK FOR HUMAN FOOD	63.14	67.94	72.46	73.20	+5.26	+ .74
DRY SKIM MILK FOR ANIMAL FEED	33.33	30.93	34.68	31.29	+ .36	-3.39
DRY BUTTERMILK, FOR HUMAN FOOD	61.14	61.76	68.97	70.63	+8.87	+1.66
DRY BUTTERMILK, FOR ANIMAL FEED	30.38	28.89	28.81	33.71	+4.82	+4.90

^{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.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED
 PRIMARILY FOR SPECIFIED USES, OCTOBER 1978

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	OCT 1977	SEP 1978	OCT 1978	OCT 1977	SEP 1978	OCT 1978	OCT 1977	SEP 1978	OCT 1978
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR:</u>									
BUTTER AND BY-PRODUCTS	8.95	9.83	10.24	3.73	3.58	3.69	2.40	2.75	2.78
AMERICAN CHEESE	9.07	10.01	10.59	3.78	3.65	3.77	2.40	2.74	2.81
MISC CHEESE:									
SWISS	9.22	10.15	10.52	3.74	3.60	3.72	2.47	2.82	2.83
BRICK & MUNSTER	9.33	10.16	10.95	3.82	3.65	3.82	2.44	2.78	2.87
ITALIAN	9.16	10.14	10.72	3.81	3.65	3.81	2.40	2.78	2.81
ALL OTHER	9.03	10.05	10.55	3.86	3.68	3.82	2.34	2.73	2.76
ALL MISC CHEESE	9.18	10.14	10.69	3.80	3.64	3.79	2.42	2.79	2.82
ALL CHEESE	9.10	10.05	10.62	3.79	3.65	3.78	2.40	2.75	2.81

1/ AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED PRIMARILY
 FOR BUTTER AND AMERICAN CHEESE, BY STATES, OCTOBER 1978

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	OCT 1977	SEP 1978 2/	OCT 1978	OCT 1977	SEP 1978 2/	OCT 1978	OCT 1977	SEP 1978 2/	OCT 1978
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR BUTTER AND BY-PRODUCTS</u>									
CALIF	9.03	9.60	9.88	3.98	3.86	3.92	2.27	2.49	2.52
IOWA	8.98	10.02	10.29	3.68	3.58	3.66	2.44	2.80	2.81
MINN	8.86	9.75	10.15	3.66	3.51	3.61	2.42	2.78	2.81
S DAK	8.86	9.86	10.40	3.60	3.46	3.58	2.46	2.85	2.91
WIS	9.25	10.18	10.80	3.89	3.67	3.88	2.38	2.77	2.78
U S	8.95	9.83	10.24	3.73	3.58	3.69	2.40	2.75	2.78
<u>MILK FOR AMERICAN CHEESE</u>									
IDAHO	9.07	10.00	10.35	3.62	3.50	3.62	2.51	2.86	2.86
IOWA	8.83	9.91	10.62	3.68	3.60	3.74	2.40	2.75	2.84
KANS	8.70	9.50	10.10	3.73	3.50	3.70	2.33	2.71	2.73
KY	8.50	9.32	9.75	3.88	3.68	3.80	2.19	2.53	2.57
MINN	8.95	9.88	10.27	3.69	3.57	3.66	2.43	2.77	2.81
MO	8.70	9.40	9.75	3.72	3.59	3.71	2.34	2.62	2.63
NEBR	8.70	9.79	10.30	3.68	3.53	3.68	2.36	2.77	2.80
N DAK	8.65	9.60	10.10	3.71	3.61	3.68	2.33	2.66	2.74
S DAK	8.95	9.82	10.51	3.70	3.57	3.70	2.42	2.75	2.84
TENN	8.14	9.05	9.40	4.08	3.80	3.89	2.00	2.38	2.42
WIS	9.31	10.28	10.98	3.87	3.74	3.88	2.41	2.75	2.83
U S	9.07	10.01	10.59	3.78	3.65	3.77	2.40	2.74	2.81

1/ AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.

2/ CORRECTIONS OF PREVIOUS MONTH DATA ARE ENTERED FOR S DAK, WIS, AND THE U S.

