

# DAIRY PRODUCTS

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## OCTOBER HIGHLIGHTS

Butter production in the United States was 84.9 million pounds in October, up 12 percent from September and 9 percent from October 1976.

American type cheese totaled 145 million pounds, 2 percent above last month but 4 percent below a year earlier.

Total cheese output (excluding cottage cheese) was 254 million pounds, up 1 percent from the previous month but down 1 percent from the previous year.

Creamed cottage cheese, 69.5 million pounds, slightly below a year ago.

Lowfat cottage cheese, 10.9 million pounds, 2 percent more than a year earlier.

Canned evaporated and condensed whole milk, 53.3 million pounds, off 6 percent from October 1976.

Frozen desserts: (Comparisons with October 1976)

Ice cream--60.9 million gallons, up 2 percent.

Ice milk--21.2 million gallons, up 6 percent.

Sherbet--3.3 million gallons, up 7 percent.

Dry milk products: (Comparisons with October 1976)

Nonfat dry milk for human food--71.5 million pounds, up 27 percent.

Dry whole milk--4.2 million pounds, down 8 percent.

Dry buttermilk--4.0 million pounds, up slightly.

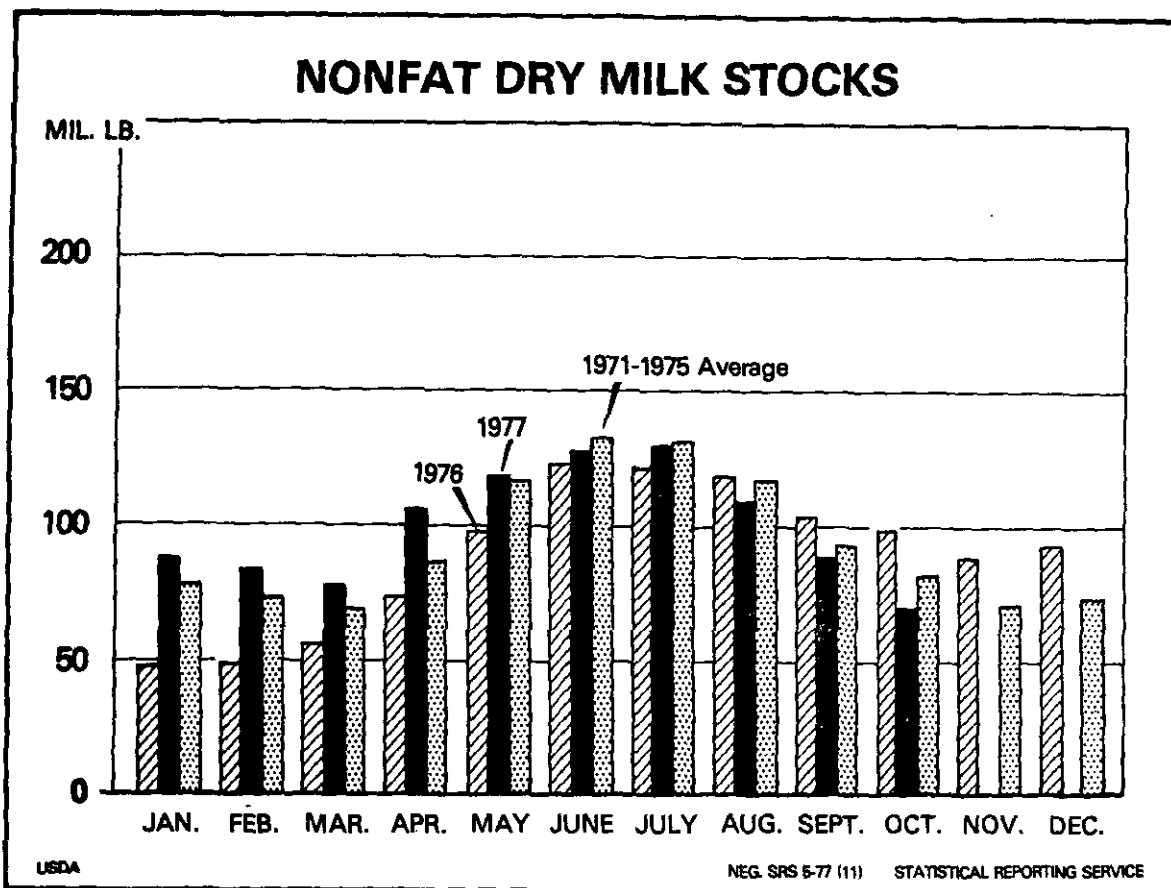
## MANUFACTURING GRADE MILK PRICES

Butter-powder, \$8.91, up 20 cents from September, and 61 cents from October 1976.

American cheese, \$9.02, up 14 cents from the previous month and 46 cents above the previous year.

Miscellaneous cheese, \$9.14, up 14 cents from September, and 38 cents above October 1976.

Evaporated milk (canned), \$8.76, up 13 cents from last month, and 32 cents above the previous year.



U. S. - NONFAT DRY MILK STOCKS

MONTH	AVERAGE 1971-75	1976	1977
1,000 POUNDS			
JAN	75,384	47,155	87,793
FEB	72,692	49,454	84,852
MAR	69,336	55,111	78,943
APR	86,035	74,914	106,631
MAY	115,989	97,098	119,706
JUN	132,784	122,473	127,096
JUL	130,486	121,031	128,764
AUG	116,667	118,218	109,449
SEP	94,472	104,114	88,552
OCT	81,411	99,765	69,288
NOV	70,083	89,214	
DEC	74,242	94,008	

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, OCTOBER 1977

PRODUCT	OCT 1975	OCT 1976	SEP 1977	OCT 1977	PERCENT OF	
					OCT 1976	SEP 1977
1,000 POUNDS					PERCENT	
BUTTER	68,182	78,072	75,501	84,934	109	112
CHEESE:						
AMERICAN TYPES <u>1/</u>	119,975	151,280	142,763	145,224	96	102
SWISS	12,686	15,382	14,599	12,624	82	86
BRICK AND MUNSTER	6,282	6,257	6,157	6,892	110	112
CREAM AND NEUFCHATEL	16,300	17,360	17,450	17,018	98	98
BLUE	2,377	3,146	2,979	3,027	96	102
MOZZARELLA	39,376	39,796	44,393	45,902	115	103
OTHER ITALIAN TYPES	18,798	18,501	19,075	19,193	104	101
TOTAL ITALIAN TYPES	58,174	58,297	63,468	65,095	112	103
ALL OTHER TYPES <u>2/</u>	4,420	3,919	3,992	4,406	112	110
TOTAL	220,214	255,641	251,408	254,286	99	101
COTTAGE CHEESE, CURD <u>3/</u>	58,110	56,249	58,424	56,289	100	96
COTTAGE CHEESE, CREAMED <u>4/</u>	71,404	69,534	72,223	69,527	100	96
COTTAGE CHEESE, LOWFAT <u>5/</u>	10,573	10,729	11,145	10,919	102	98
CANNED EVAPORATED AND CONDENSED WHOLE MILK	67,226	56,569	59,621	53,333	94	89
DRY WHOLE MILK	5,309	4,557	4,199	4,198	92	100
NONFAT DRY MILK						
FOR HUMAN FOOD	45,173	56,480	78,405	71,530	127	91
DRY SKIM MILK						
FOR ANIMAL FEED	449	538	444	835	155	188
DRY BUTTERMILK	2,498	3,959	2,852	3,974	100	139
1,000 GALLONS					PERCENT	
ICE CREAM	66,357	59,783	74,090	60,911	102	82
ICE MILK	22,024	19,909	26,442	21,162	106	80
SHERBET	3,307	3,088	4,421	3,290	107	74
MELLORINE-TYPE FROZEN DESSERTS <u>6/</u>	2,222	1,628	1,692	1,360	84	80

- 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 STATISTICAL REPORTING 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 1977

PRODUCT	OCT 1976	SEP 1977 <sup>1/</sup>	OCT 1977	PERCENT OF	
				OCT 1976	SEP 1977
	PRODUCTION			PERCENT	
	1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	8,926	8,922	9,097	102	102
SWEET-TYPE, ANIMAL FEED	3,618	2,331	2,321	64	100
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	824	907	822	100	91
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	38,167	33,422	37,304	98	112
DRY WHEY, ANIMAL FEED	9,087	9,960	9,170	101	92
PARTIALLY DELACTOSED					
HUMAN FOOD	2,051	1,916	1,971	96	103
ANIMAL FEED	8,404	10,994	10,704	127	97
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,451	2,495	2,678	109	107
ANIMAL FEED	3/	3/	3/		
PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD	633	588	644	102	110
PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	7,504	9,059	7,812	104	86
LACTOSE, ANIMAL FEED	2,587	3,306	3,060	118	93
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	1,908	1,903	2,048	107	108
ANIMAL FEED	3,906	3,980	4,301	110	108
	MANUFACTURERS' STOCKS, END OF MONTH <sup>5/</sup>			PERCENT	
	1,000 POUNDS			PERCENT	
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD <sup>6/</sup>	23,973	19,868	21,537	90	108
ANIMAL FEED <sup>6/</sup>	20,339	12,388	9,029	44	73
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,163	1,644	1,889	87	115
PARTIALLY DELACTOSED/ DEMINERALIZED HUMAN FOOD	1,999	1,258	807	40	64
PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED	4/	3/	4/		
LACTOSE, HUMAN FOOD	15,565	6,444	5,599	36	87
LACTOSE, ANIMAL FEED	1,907	2,089	2,256	118	108
	MANUFACTURERS' SELLING PRICE <sup>7/</sup>			CENTS CHANGE	
	CENTS PER POUND			CENTS CHANGE	
CONDENSED WHEY SOLIDS <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	5.5	8.8	9.6	+4.1	+0.8
SWEET-TYPE, ANIMAL FEED	4.8	2.0	2.0	-2.8	0.0
ACID-TYPE, HUMAN FOOD	4.0	3/	3/		
ACID-TYPE, ANIMAL FEED	3.7	4/	4/		
DRY WHEY, HUMAN FOOD	7.4	13.2	14.9	+7.5	+1.7
DRY WHEY, ANIMAL FEED	5.8	9.3	10.4	+4.6	+1.7

<sup>1/</sup> REVISED.

<sup>2/</sup> FINAL MARKETABLE PRODUCT ONLY. DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED WHEY PRODUCTS.

<sup>3/</sup> NONE REPORTED.

<sup>4/</sup> NOT PUBLISHED TO AVOID DISCLOSURE OF INDIVIDUAL PLANT OPERATIONS.

<sup>5/</sup> STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT.

<sup>6/</sup> DRY WHEY AND PARTIALLY DELACTOSED WHEY STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

<sup>7/</sup> PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1975-77

MONTH	BY MONTHS				CUMULATIVE			
	1975	1976	1977	1977	1975	1976	1977	1977
	1,000 POUNDS			AS %	1,000 POUNDS			AS %
			OF 1976				OF 1976	
	PERCENT				PERCENT			
<u>BUTTER</u>								
JAN	100,527	92,519	105,624	114	100,527	92,519	105,624	114
FEB	90,795	84,961	96,205	113	191,322	177,480	201,829	114
MAR	98,128	90,021	98,397	109	289,450	267,501	300,226	112
APR	103,157	87,021	100,446	115	392,607	354,522	400,672	113
MAY	101,904	91,397	103,905	114	494,511	445,919	504,577	113
JUN	88,339	83,937	95,049	113	582,850	529,856	599,626	113
JUL	69,204	71,487	84,226	118	652,054	601,343	683,852	114
AUG	57,745	65,074	78,201	120	709,799	666,417	762,053	114
SEP	58,012	64,046	75,501	118	767,811	730,463	837,554	115
OCT	68,182	78,072	84,934	109	835,993	808,535	922,488	114
NOV	63,959	77,551			899,952	886,086		
DEC	83,839	92,545			983,791	978,631		
<u>AMERICAN CHEESE</u>								
JAN	128,555	148,341	166,812	112	128,555	148,341	166,812	112
FEB	122,932	147,166	158,795	108	251,487	295,507	325,607	110
MAR	143,113	169,351	183,408	108	394,600	464,858	509,015	109
APR	151,515	189,732	193,751	102	546,115	654,590	702,766	107
MAY	170,317	207,796	211,919	102	716,432	862,386	914,685	106
JUN	169,387	209,670	200,271	96	885,819	1,072,056	1,114,956	104
JUL	150,122	189,378	176,207	93	1,035,941	1,261,434	1,291,163	102
AUG	131,843	178,234	162,726	91	1,167,784	1,439,668	1,453,889	101
SEP	116,465	155,623	142,763	92	1,284,249	1,595,291	1,596,652	100
OCT	119,975	151,280	145,224	96	1,404,224	1,746,571	1,741,876	100
NOV	115,528	146,797			1,519,752	1,893,368		
DEC	134,828	169,076			1,654,580	2,062,444		
<u>CREAMED COTTAGE CHEESE</u>								
JAN	71,207	69,330	69,932	101	71,207	69,330	69,932	101
FEB	68,082	68,466	69,499	102	139,289	137,796	139,431	101
MAR	74,651	82,157	81,545	99	213,940	219,953	220,976	100
APR	75,639	75,817	77,344	102	289,579	295,770	298,320	101
MAY	79,013	76,419	78,172	102	368,592	372,189	376,492	101
JUN	76,771	78,235	77,625	99	445,363	450,424	454,117	101
JUL	76,604	75,937	74,790	98	521,967	526,361	528,907	100
AUG	71,258	74,428	76,631	103	593,225	600,789	605,538	101
SEP	70,866	73,089	72,223	99	664,091	673,878	677,761	101
OCT	71,404	69,534	69,527	100	735,495	743,412	747,288	101
NOV	63,129	67,871			798,624	811,283		
DEC	63,045	63,322			861,669	874,605		
<u>LOWFAT COTTAGE CHEESE</u>								
JAN	10,376	10,987	11,386	104	10,376	10,987	11,386	104
FEB	10,189	10,637	10,776	101	20,565	21,624	22,162	102
MAR	11,240	12,712	12,833	101	31,805	34,336	34,995	102
APR	11,066	12,010	12,060	100	42,871	46,346	47,055	102
MAY	12,332	11,980	12,056	101	55,203	58,326	59,111	101
JUN	11,439	12,240	12,221	100	66,642	70,566	71,332	101
JUL	11,492	11,790	11,229	95	78,134	82,356	82,561	100
AUG	10,949	11,270	12,154	108	89,083	93,626	94,715	101
SEP	10,852	11,428	11,145	98	99,935	105,054	105,860	101
OCT	10,573	10,729	10,919	102	110,508	115,783	116,779	101
NOV	9,549	10,304			120,057	126,087		
DEC	9,259	9,277			129,316	135,364		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1975-77

MONTH	BY MONTHS				CUMULATIVE			
	1975	1976	1977	1977	1975	1976	1977	1977
	1,000 GALLONS			AS %	1,000 GALLONS			AS %
			OF 1976				OF 1976	
	PERCENT				PERCENT			
<b>ICE CREAM</b>								
JAN	56,460	54,545	51,547	95	56,460	54,545	51,547	95
FEB	57,547	57,430	55,516	97	114,007	111,975	107,063	96
MAR	67,594	73,715	72,048	98	181,601	185,690	179,111	96
APR	68,986	70,754	67,596	96	250,587	256,444	246,707	96
MAY	76,682	70,162	69,352	99	327,269	326,606	316,059	97
JUN	84,678	83,731	81,699	98	411,947	410,337	397,758	97
JUL	87,182	82,454	79,122	96	499,129	492,791	476,880	97
AUG	81,840	79,143	83,390	105	580,969	571,934	560,270	98
SEP	74,388	74,132	74,090	100	655,357	646,066	634,360	98
OCT	66,357	59,783	60,911	102	721,714	705,849	695,271	99
NOV	56,572	57,165			778,860	763,014		
DEC	58,266	54,876			836,552	817,890		
<b>ICE MILK</b>								
JAN	16,625	15,304	15,535	102	16,625	15,304	15,535	102
FEB	17,238	17,523	17,313	99	33,863	32,827	32,848	100
MAR	22,713	24,501	24,948	102	56,576	57,328	57,796	101
APR	25,309	26,002	26,243	101	81,885	83,330	84,039	101
MAY	32,065	28,067	30,054	107	113,950	111,397	114,093	102
JUN	34,262	32,324	33,395	103	148,212	143,721	147,488	103
JUL	36,656	33,212	34,028	102	184,868	176,933	181,516	103
AUG	33,099	31,349	32,872	105	217,967	208,282	214,388	103
SEP	25,832	25,148	26,442	105	243,799	233,430	240,830	103
OCT	22,024	19,909	21,162	106	265,823	253,339	261,992	100
NOV	16,989	16,246			282,812	269,585		
DEC	15,977	15,649			298,789	285,234		
<b>SHERBET</b>								
JAN	3,119	3,015	2,836	94	3,119	3,015	2,836	94
FEB	2,963	3,013	2,910	97	6,082	6,028	5,746	95
MAR	3,695	4,310	4,144	96	9,777	10,338	9,890	96
APR	4,014	4,444	4,197	94	13,791	14,782	14,087	95
MAY	4,847	4,771	4,871	102	18,638	19,553	18,958	97
JUN	5,868	5,966	5,738	96	24,506	25,519	24,696	97
JUL	5,874	5,755	5,705	99	30,380	31,274	30,401	97
AUG	4,934	5,045	5,660	112	35,314	36,319	36,061	99
SEP	4,120	4,215	4,421	105	39,434	40,534	40,482	100
OCT	3,307	3,088	3,290	107	42,741	43,622	43,772	100
NOV	2,710	2,873			45,451	46,495		
DEC	3,091	3,094			48,542	49,589		
<b>MELLORINE-TYPE FROZEN DESSERT</b>								
JAN	2,199	1,795	1,281	71	2,199	1,795	1,281	71
FEB	2,394	1,765	1,463	83	4,593	3,560	2,744	77
MAR	2,593	2,275	1,917	84	7,186	5,835	4,661	80
APR	2,776	2,151	1,694	79	9,962	7,986	6,355	80
MAY	3,125	2,100	1,840	88	13,087	10,086	8,195	81
JUN	3,257	2,463	2,097	85	16,344	12,549	10,292	82
JUL	3,169	2,403	1,876	78	19,513	14,952	12,168	81
AUG	2,843	2,253	1,973	88	22,356	17,205	14,141	82
SEP	2,381	2,085	1,692	81	24,737	19,290	15,833	82
OCT	2,222	1,628	1,360	84	26,959	20,918	17,193	82
NOV	1,590	1,249			28,549	22,167		
DEC	1,489	1,117			30,038	23,284		

PRODUCTION OF NONFAT DRY MILK FOR HUMAN FOOD: BY MONTHS, UNITED STATES, 1975-77

MONTH	BY MONTHS				CUMULATIVE			
	1975	1976	1977	1977	1975	1976	1977	1977
	1,000 POUNDS			AS % OF 1976	1,000 POUNDS			AS % OF 1976
JAN	84,587	61,084	71,474	117	84,587	61,084	71,474	117
FEB	83,325	68,425	72,273	106	167,912	129,509	143,747	111
MAR	99,305	78,836	87,502	111	267,217	208,345	231,249	111
APR	109,846	91,540	107,074	117	377,063	299,985	338,323	113
MAY	128,655	105,513	119,570	113	505,718	405,498	457,893	113
JUN	123,099	108,078	132,718	123	628,817	513,576	590,611	115
JUL	92,457	96,278	120,680	125	721,274	609,854	711,291	117
AUG	68,811	76,193	100,569	132	790,085	686,047	811,860	118
SEP	48,782	56,087	78,405	140	838,867	742,134	890,265	120
OCT	45,173	56,480	71,530	127	884,040	798,614	961,795	120
NOV	50,322	53,901			934,362	852,515		
DEC	67,092	73,668			1,001,454	926,183		

BUTTER: PRODUCTION BY STATES, OCTOBER 1977

STATE	OCT	OCT	SEP	OCT	PERCENT OF	
	1975	1976	1977	1977	OCT	SEP
	1,000 POUNDS				PERCENT	
CALIF	10,564	11,857	11,850	13,100	110	111
IDAHO	752	652	1,030	720	110	70
ILL	1,049	1,025	580	900	88	155
IND	1,443	1,575	745	787	50	106
IOWA	2,355	2,526	2,990	3,220	127	108
KANS	730	1,520	973	1,438	95	148
KY	1,541	1,648	763	1,407	85	184
MICH	1,511	2,202	2,750	2,850	129	104
MINN	12,153	11,690	14,230	13,205	113	93
MO	1,510	1,691	1,468	1,723	102	117
NEBR	1,636	1,456	1,242	1,276	88	103
N Y	1,705	2,139	1,950	2,840	133	146
N DAK	610	385	470	456	118	97
OHIO	1,630	1,974	2,326	2,799	142	120
OKLA	1,400	1,926	799	1,472	76	184
OREG	1,003	988	1,150	1,275	129	111
PA	1,658	2,110	2,220	2,430	115	109
S DAK	739	745	723	753	101	104
TENN	1,405	1,524	1,368	1,726	113	126
UTAH	567	467	344	363	78	106
VT	290	950	767	950	100	124
WASH	2,532	2,940	2,655	2,414	82	91
WIS	16,522	18,767	17,500	20,500	109	117
OTHER STATES	2,877	5,315	4,608	6,330	119	137
U S	68,182	78,072	75,501	84,934	109	112

AMERICAN CHEESE: PRODUCTION BY STATES, OCTOBER 1977

STATE	OCT 1975	OCT 1976	SEP 1977	OCT 1977	PERCENT OF	
					OCT 1976	SEP 1977
T,000 POUNDS					PERCENT	
IDAHO	4,666	4,675	5,390	5,300	113	98
ILL	1,326	824	1,015	1,120	136	110
IND	1,755	2,071	2,156	2,172	105	101
IOWA	5,570	9,013	6,400	6,200	69	97
KANS	1,614	1,590	1,207	1,085	68	90
KY	2,142	3,710	4,049	3,698	100	91
MICH	1,323	1,531	1,750	1,950	127	111
MINN	21,218	28,608	22,255	25,340	89	114
MO	3,206	3,924	3,570	3,615	92	101
NEBR	2,286	2,489	1,800	1,700	68	94
N Y	3,307	5,125	5,580	5,150	100	92
N DAK	2,882	3,503	3,900	3,708	106	95
OHIO	1,243	1,806	1,836	1,790	99	97
S DAK	3,098	3,197	3,143	3,087	97	98
TENN	1,274	1,162	1,352	1,265	109	94
UTAH	2,740	3,096	2,814	2,767	89	98
VT	1,058	1,137	1,390	1,499	132	108
WIS	52,239	62,251	62,000	61,500	99	99
OTH STS	7,028	11,568	11,156	12,278	106	110
U S	119,975	151,280	142,763	145,224	96	102

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, OCTOBER 1977 <sup>1/</sup>

PRODUCT	CCC PURCHASES (DELIVERY BASIS)		UNCOMMITTED CCC INVENTORIES	
	OCT 1976	OCT 1977	OCT 31, 1976	OCT 31, 1977
T,000 POUNDS				
BUTTER	4,864	6,972	3,787	<u>2/</u> 163,401
CHEESE	403	1,409		<u>2/</u> 69,329
NONFAT DRY MILK:	16,279	26,422	394,628	<u>2/</u> 645,213

<sup>1/</sup> EFFECTIVE OCTOBER 1, 1977 THE MARKETING YEAR WAS CHANGED FROM APR 1 THROUGH MAR 31 TO OCT 1 THROUGH SEP 30. <sup>2/</sup> INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USES: BUTTER IN ONE-POUND PACKAGES, 46,828,000 POUNDS; PROCESSED CHEESE, 18,609,000 POUNDS AND FORTIFIED NONFAT DRY MILK, 19,141,000 POUNDS.



ICE CREAM: PRODUCTION BY STATES, OCTOBER 1977

STATE	OCT 1975	OCT 1976	SEP 1977	OCT 1977	PERCENT OF	
	T,000 GALLONS				OCT 1976	SEP 1977
					PERCENT	
ALA	991	888	1,070	917	103	86
ARIZ	484	481	575	503	105	87
CALIF	7,406	6,429	8,200	6,950	108	85
COLO	609	591	755	660	112	87
CONN	1,499	1,166	1,125	860	74	76
FLA	2,303	2,120	2,640	2,141	101	81
GA	568	446	404	415	93	103
ILL	3,369	3,276	3,760	3,120	95	83
IND	2,146	2,033	2,420	1,735	85	72
IOWA	866	845	910	660	78	73
KANS	560	534	665	538	101	81
KY	439	348	401	349	100	87
LA	920	796	1,035	820	103	79
MD 1/	1,434	1,314	1,710	1,450	110	85
MASS	3,626	3,429	4,150	3,365	98	81
MICH	2,877	2,537	2,950	2,650	104	90
MINN	2,506	2,054	2,705	2,345	114	87
MO	1,431	1,410	1,775	1,153	82	65
NEBR	732	619	880	800	129	91
N J	968	1,140	1,051	879	77	84
N Y	4,734	4,579	6,520	4,485	98	69
N C	2,337	2,016	2,560	2,150	107	84
OHIO	3,699	3,649	4,440	3,684	101	83
OKLA	781	658	734	746	113	102
OREG	563	580	670	600	103	90
PA	6,060	4,965	6,495	5,385	108	83
S C	738	759	1,015	856	113	84
TENN	1,466	1,210	1,543	1,319	109	85
TEX	2,948	2,649	3,550	3,085	116	87
UTAH	584	497	597	511	103	86
VA	817	592	736	593	100	81
WASH	1,389	1,230	1,538	1,274	104	83
WIS	1,524	1,360	1,400	1,400	103	100
OTH STS	2,983	2,583	3,111	2,513	97	81
U S	66,357	59,783	74,090	60,911	102	82

1/ INCLUDES DISTRICT OF COLUMBIA.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST  
FOR MILK USED PRIMARILY FOR CANNED EVAPORATED MILK  
BY REGIONS, OCTOBER 1977

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	OCT 1976	SEP 1977	OCT 1977	OCT 1976	SEP 1977	OCT 1977	OCT 1976	SEP 1977	OCT 1977
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.48	8.62	8.71	3.79	3.56	3.70	2.24	2.42	2.35
S ATL & CENTRAL	8.48	8.64	8.82	3.92	3.70	3.89	2.16	2.34	2.27
WEST	8.41	8.70	8.76	3.54	3.39	3.47	2.38	2.57	2.52
U S	8.44	8.63	8.76	3.78	3.58	3.73	2.23	2.41	2.35

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

DRY MILK: MANUFACTURERS' REPORTED SHIPMENTS AT SPECIFIED  
PRICE RANGES, F.O.B. PLANT, OCTOBER 1977 1/

PRICE PER POUND 2/	NONFAT DRY MILK, HUMAN FOOD (BULK GOODS) SPRAY AND ROLLER PROCESS	: DRY SKIM : MILK FOR : ANIMAL : FEED	: DRY BUTTERMILK		: DRY : WHOLE : MILK :(BULK GOODS)
			HUMAN FOOD	ANIMAL FEED	
CENTS			POUNDS		
20-20 1/2	:	17,900			
25-25 1/2	:	39,400		46,160	
29 1/2-30	:			2,950	
30-30 1/2	:	223,720			
31-31 1/2	:	124,300			
32-32 1/2	:			44,000	
32 1/2-33	:	34,800			
33-33 1/2	:	29,925		8,700	
33 1/2-34	:	72,900			
34-34 1/2	:	60,500		1,000	
40-40 1/2	:	3,240			
42-42 1/2	:	88,100			
44-44 1/2	:	21,250			
49-49 1/2	:		82,500		
50-50 1/2	:		318,463		
54-54 1/2	:		95,000		
56-56 1/2	:		24,000		
58-58 1/2	:		15,000		
60 1/2-61	:		47,650		
61 1/2-62	:		310,500		
62-62 1/2	:		307,050		
62 1/2-63	:		6,500		
63-63 1/2	:		213,750		
63 1/2-64	:		317,500		
64-64 1/2	:	21,900	338,650		
65-65 1/2	:		5,000		
65 1/2-66	:	828,200			
66-66 1/2	:	1,235,530	855,850		
66 1/2-67	:	1,917,137			
67-67 1/2	:	8,934,256			
67 1/2-68	:	17,465,493			
68-68 1/2	:	32,898,091	5,000		
68 1/2-69	:	3,059,799			
69-69 1/2	:	3,652,656			
69 1/2-70	:	887,482			
70-70 1/2	:	1,190,050			
71-71 1/2	:	117,000			
72-72 1/2	:	77,675			
80 1/2-81 1/2	:				199,900
81 1/2-82 1/2	:				1,380,190
82 1/2-83 1/2	:				690,587
85 1/2-86 1/2	:				670,600
86 1/2-87 1/2	:				10,250
87 1/2-88 1/2	:				194,850

1/ EXCLUDES SHIPMENTS FOR WHICH PRICES WERE NOT REPORTED. FOR TOTAL REPORTED SEE PAGE 11.  
2/ CLASSIFIED ACCORDING TO AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS, STOCKS AND SELLING PRICES, OCTOBER 1977

PRODUCT	OCT 1975	OCT 1976	SEP 1977	OCT 1977	PERCENT OF	
	1,000 POUNDS				OCT 1976	SEP 1977
MANUFACTURERS' SHIPMENTS <u>1/</u>						
DRY WHOLE MILK	5,173	3,952	4,594	4,729	120	103
NONFAT DRY MILK FOR HUMAN FOOD	40,304	49,399	87,720	78,022	158	89
DRY SKIM MILK FOR ANIMAL FEED	347	368	893	864	235	97
DRY BUTTERMILK FOR HUMAN FOOD	1,625	1,760	3,333	3,284	187	99
DRY BUTTERMILK, TOTAL	1,725	1,817	3,495	3,395	187	97
MANUFACTURERS' STOCKS, END OF MONTH <u>2/</u>						
CANNED EVAPORATED AND CONDENSED WHOLE MILK	70,937	131,705	148,612	134,311	102	90
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	4,442	10,456	6,349	5,827	56	92
DRY SKIM MILK FOR ANIMAL FEED	36,031	99,765	88,552	69,288	69	78
DRY BUTTERMILK, TOTAL	1,896	2,740	2,468	2,395	87	97
DRY BUTTERMILK, TOTAL	1,885	6,794	3,727	3,394	50	91
MANUFACTURERS' SELLING PRICES <u>3/</u>						
CENTS PER POUNDS				CHANGE-CENTS		
DRY WHOLE MILK	79.18	78.39	82.17	82.33	+3.94	+0.16
NONFAT DRY MILK FOR HUMAN FOOD	68.87	63.31	68.01	67.95	+4.64	-0.06
DRY SKIM MILK FOR ANIMAL FEED	42.18	33.33	33.27	32.78	-0.55	-0.49
DRY BUTTERMILK FOR HUMAN FOOD	66.22	61.14	59.09	61.48	+0.34	+2.39
DRY BUTTERMILK FOR ANIMAL FEED	33.45	30.38	32.38	28.88	-1.50	-3.50

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.

CANNED EVAPORATED WHOLE MILK: MANUFACTURERS' RANGE OF SELLING PRICES BY REGIONS, OCTOBER 1977 1/

REGION	OCT 1975	OCT 1976 <u>2/</u>	SEP 1977	OCT 1977
DOLLARS PER CASE OF 48 14-1/2 OZ. CANS				
NORTH ATLANTIC	12.81-13.30	12.99-14.15	12.70-14.55	12.76-14.55
SOUTH ATLANTIC	12.85-13.30	13.70-14.15	14.50-14.55	14.50-14.55
NORTH CENTRAL	12.75-13.30	13.60-14.49	14.45-15.16	14.45-15.21
SOUTH CENTRAL	13.30-13.30	14.15-14.15	14.50-14.50	14.50-14.50
WESTERN	11.41-13.38	13.23-14.77	12.79-15.61	12.53-15.61
U S	11.41-13.38	12.99-14.77	12.70-15.61	12.53-15.61

1/ CARLOT SALES, DELIVERED AT MANUFACTURERS' DISTRIBUTING POINTS IN EACH REGION. 2/ REVISED.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST  
FOR MILK USED PRIMARILY FOR SPECIFIED USES, OCTOBER 1977

PRIMARY USE	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	OCT	SEP	OCT	OCT	SEP	OCT	OCT	SEP	OCT
	1976	1977	1977	1976	1977	1977	1976	1977	1977
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR:</u>									
BUTTER AND BY-PRODUCTS	8.30	8.71	8.91	3.71	3.60	3.71	2.24	2.42	2.40
AMERICAN CHEESE	8.56	8.88	9.02	3.77	3.66	3.78	2.27	2.43	2.39
MISC. CHEESE:									
SWISS	9.01	8.99	9.17	3.75	3.61	3.75	2.40	2.49	2.45
BRICK & MUNSTER	8.80	9.00	9.16	3.77	3.64	3.80	2.33	2.47	2.41
ITALIAN	8.66	9.01	9.14	3.79	3.68	3.76	2.28	2.45	2.43
ALL OTHER	8.65	8.97	9.07	3.83	3.71	3.84	2.26	2.42	2.36
ALL MISC. CHEESE	8.76	9.00	9.14	3.78	3.66	3.77	2.32	2.46	2.42
ALL CHEESE	8.62	8.92	9.06	3.77	3.66	3.78	2.29	2.44	2.40

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 1977

PRIMARY USE AND STATE	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	OCT	SEP	OCT	OCT	SEP	OCT	OCT	SEP	OCT
	1976	1977	1977	1976	1977	1977	1976	1977	1977
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR BUTTER AND BY-PRODUCTS</u>									
CALIF	8.07	8.85	8.99	3.94	3.78	3.89	2.05	2.34	2.31
IOWA	8.36	8.67	8.90	3.67	3.59	3.71	2.28	2.42	2.40
MINN	8.25	8.63	8.85	3.64	3.53	3.64	2.27	2.44	2.43
S DAK	8.39	8.69	8.86	3.62	3.51	3.60	2.32	2.48	2.46
WIS	8.71	9.07	9.21	3.84	3.73	3.88	2.27	2.43	2.37
U S	8.30	8.71	8.91	3.71	3.60	3.71	2.24	2.42	2.40
<u>MILK FOR AMERICAN CHEESE</u>									
IDAHO	8.65	8.90	9.20	3.66	3.44	3.55	2.36	2.59	2.59
IOWA	8.43	8.77	8.90	3.68	3.62	3.74	2.29	2.42	2.38
KANS	8.27	8.55	8.70	3.73	3.58	3.73	2.22	2.39	2.33
KY	8.13	8.33	8.54	3.98	3.65	3.85	2.04	2.28	2.22
MINN	8.32	8.81	8.84	3.66	3.59	3.67	2.27	2.45	2.41
MO	8.45	8.70	8.80	3.78	3.63	3.72	2.24	2.40	2.37
NEBR	8.21	8.50	8.70	3.67	3.55	3.68	2.24	2.39	2.36
N DAK	8.28	8.38	8.40	3.69	3.55	3.61	2.24	2.36	2.33
S DAK	8.37	8.76	8.95	3.70	3.61	3.70	2.26	2.43	2.42
TENN	7.62	7.89	8.14	3.97	3.87	4.08	1.92	2.04	2.00
WIS	8.82	9.13	9.27	3.85	3.74	3.89	2.29	2.44	2.38
U S	8.56	8.88	9.02	3.77	3.66	3.78	2.27	2.43	2.39

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