

DAIRY PRODUCTS

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SEPTEMBER HIGHLIGHTS

Butter production in the United States was 75.5 million pounds in September, down 3 percent from August but up 18 percent from September 1976. Production in September was largest for the month since 1964.

American type cheese totaled 143 million pounds, 12 percent below last month and 8 percent below a year earlier.

Total cheese output (excluding cottage cheese) was 251 million pounds, down 7 percent from the previous month and 4 percent from the previous year.

Creamed cottage cheese, 72.2 million pounds, 1 percent less than a year ago.

Lowfat cottage cheese, 11.1 million pounds, off 2 percent from a year earlier.

Canned evaporated and condensed whole milk, 59.6 million pounds, down 2 percent from September 1976.

Frozen desserts: (Comparisons with September 1976)

Ice cream--74.1 million gallons, down slightly.

Ice milk--26.4 million gallons, up 5 percent and the largest September output on record.

Sherbet--4.4 million gallons, up 5 percent.

Dry milk products: (Comparisons with September 1976)

Nonfat dry milk for human food--78.4 million pounds, up 40 percent.

Dry whole milk--4.2 million pounds, down 19 percent.

Dry buttermilk--2.9 million pounds, up 10 percent.

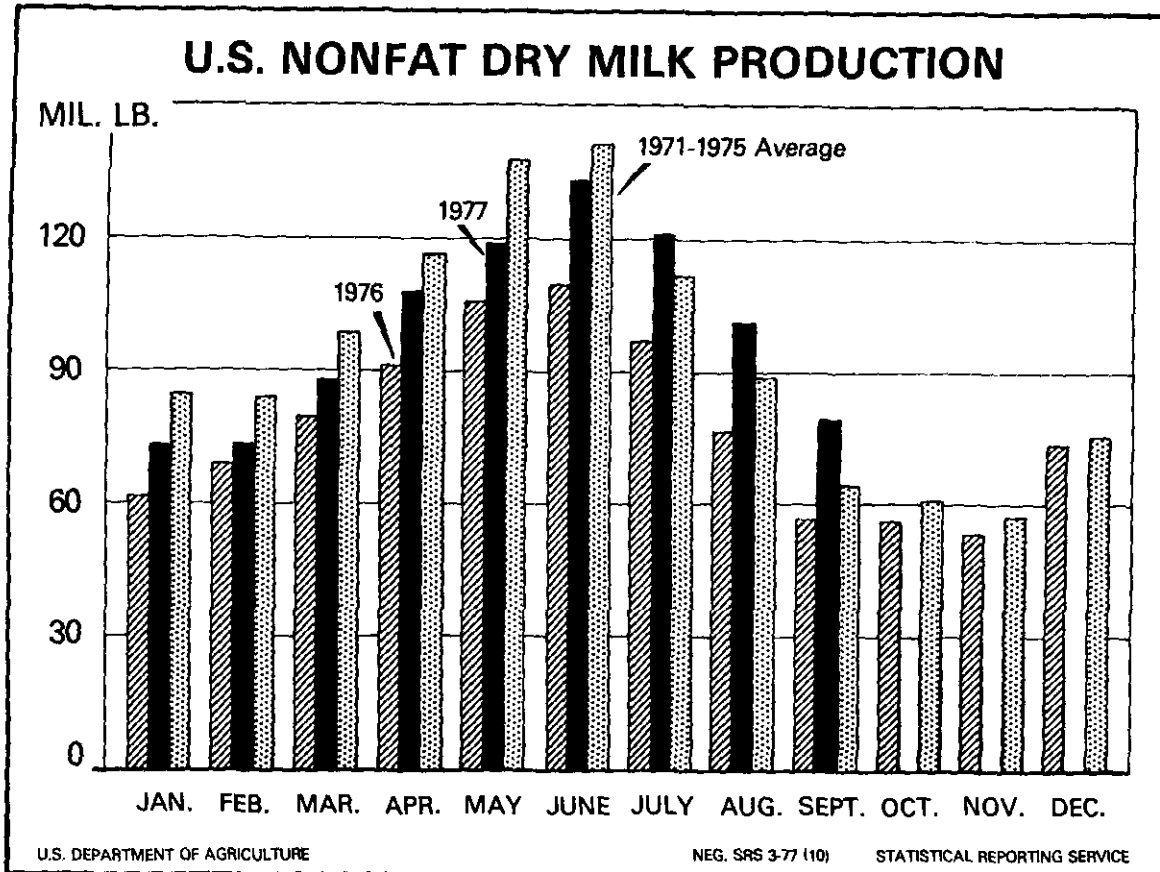
MANUFACTURING GRADE MILK PRICES

Butter-powder, \$8.71, up 17 cents from August, and up 26 cents from September 1976.

American cheese, \$8.88, up 20 cents from the previous month and 21 cents above the previous year.

Miscellaneous cheese, \$9.00, up 20 cents from August, and 15 cents above September 1976.

Evaporated milk (canned), \$8.63, up 13 cents from last month, and 8 cents above the previous year.



U. S. - NONFAT DRY MILK PRODUCTION

MONTH	AVERAGE 1971-75	1976	1977
1,000 POUNDS			
JAN	83,719	61,084	71,474
FEB	83,570	68,425	72,273
MAR	98,867	78,836	87,502
APR	115,156	91,640	107,074
MAY	137,798	105,513	119,570
JUN	140,677	108,078	132,718
JUL	111,199	96,278	120,680
AUG	88,363	76,193	100,569
SEP	64,458	56,087	78,405
OCT	60,928	56,480	
NOV	56,292	53,901	
DEC	74,764	73,668	

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, SEPTEMBER 1977

PRODUCT	SEP	SEP	AUG	SEP	PERCENT OF	
	1975	1976	1977	1977	SEP	AUG
	1,000 POUNDS				PERCENT	
BUTTER	58,012	64,046	78,201	75,501	118	97
CHEESE:						
AMERICAN TYPES <u>1/</u>	116,465	155,623	162,726	142,763	92	88
SWISS	14,046	16,868	16,624	14,599	87	88
BRICK AND MUNSTER	5,971	6,271	5,970	6,157	98	103
CREAM AND NEUFCHATEL	14,849	15,291	12,820	17,450	114	136
BLUE	2,483	2,951	2,875	2,979	101	104
MOZZARELLA	39,020	41,806	47,060	44,393	106	94
OTHER ITALIAN TYPES	17,810	19,325	19,527	19,075	99	98
TOTAL ITALIAN TYPES	56,830	61,131	66,587	63,468	104	95
ALL OTHER TYPES <u>2/</u>	4,217	4,292	3,966	3,992	93	101
TOTAL	214,801	262,427	271,568	251,408	96	93
COTTAGE CHEESE, CURD <u>3/</u>	58,525	60,082	61,586	58,424	97	95
COTTAGE CHEESE, CREAMED <u>4/</u>	70,866	73,089	76,631	72,223	99	94
COTTAGE CHEESE, LOWFAT <u>5/</u>	10,852	11,428	12,154	11,145	98	92
CANNED EVAPORATED AND CONDENSED WHOLE MILK	70,259	61,080	71,697	59,621	98	83
DRY WHOLE MILK	4,172	5,180	6,485	4,199	81	65
NONFAT DRY MILK FOR HUMAN FOOD	48,782	56,087	100,569	78,405	140	78
DRY SKIM MILK FOR ANIMAL FEED	495	407	564	444	109	79
DRY BUTTERMILK	2,021	2,595	3,803	2,852	110	75
	1,000 GALLONS				PERCENT	
ICE CREAM	74,388	74,132	83,390	74,090	100	89
ICE MILK	25,832	25,148	32,872	26,442	105	80
SHERBET	4,120	4,215	5,660	4,421	105	78
MELLORINE-TYPE FROZEN DESSERTS <u>6/</u>	2,381	2,085	1,973	1,692	81	86

- 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, SEPTEMBER 1977

PRODUCT	SEP 1976	AUG 1977 ^{1/}	SEP 1977	PERCENT OF	
				SEP 1976	AUG 1977
	1,000 POUNDS		PRODUCTION	PERCENT	
CONDENSED WHEY, SOLIDS CONTENT ^{2/}					
SWEET-TYPE, HUMAN FOOD	9,561	9,899	8,922	93	90
SWEET-TYPE, ANIMAL FEED	1,780	3,307	2,331	131	70
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	972	1,260	907	93	72
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	38,888	36,587	33,422	86	91
DRY WHEY, ANIMAL FEED	11,660	11,800	9,960	85	84
PARTIALLY DELACTOSED					
HUMAN FOOD	2,288	1,877	1,916	84	102
ANIMAL FEED	8,792	10,201	10,994	125	108
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,247	2,480	2,495	111	101
ANIMAL FEED	^{3/}	^{4/}	^{3/}		
PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD	755	782	588	78	75
PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED	^{4/}	^{4/}	^{4/}		
LACTOSE, HUMAN FOOD	8,139	8,264	9,059	111	110
LACTOSE, ANIMAL FEED	2,741	3,082	3,306	121	107
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,256	1,722	1,903	84	111
ANIMAL FEED	3,811	3,351	3,980	104	119
	MANUFACTURERS' STOCKS, END OF MONTH ^{5/}				
	1,000 POUNDS			PERCENT	
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD ^{6/}	26,347	23,508	19,868	75	85
ANIMAL FEED ^{6/}	25,255	17,601	12,388	49	70
PARTIALLY DEMINERALIZED					
HUMAN FOOD	1,783	1,878	1,644	92	88
PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD	2,113	1,485	1,258	60	85
PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED	^{4/}	^{4/}	^{3/}		
LACTOSE, HUMAN FOOD	16,366	5,659	6,444	39	114
LACTOSE, ANIMAL FEED	2,064	2,016	2,089	101	104
	MANUFACTURERS' SELLING PRICE ^{7/}				
	CENTS PER POUND			CENTS CHANGE	
CONDENSED WHEY SOLIDS ^{2/}					
SWEET-TYPE, HUMAN FOOD	5.1	6.8	8.8	+3.7	+2.0
SWEET-TYPE, ANIMAL FEED	2.9	2.7	2.0	-0.9	-0.7
ACID-TYPE, HUMAN FOOD	4.0	^{4/}	^{3/}		
ACID-TYPE, ANIMAL FEED	3.8	^{4/}	^{4/}		
DRY WHEY, HUMAN FOOD	6.8	11.7	13.2	+6.4	+1.5
DRY WHEY, ANIMAL FEED	5.6	7.6	9.3	+3.7	+1.7

^{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, 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
BUTTER								
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			835,993	808,535		
NOV	63,959	77,551			899,952	886,086		
DEC	83,839	92,545			983,791	978,631		
AMERICAN CHEESE								
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			1,404,224	1,746,571		
NOV	115,528	146,797			1,519,752	1,893,368		
DEC	134,828	169,076			1,654,580	2,062,444		
CREAMED COTTAGE CHEESE								
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			735,495	743,412		
NOV	63,129	67,871			798,624	811,283		
DEC	63,045	63,322			861,669	874,605		
LOWFAT COTTAGE CHEESE								
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			110,508	115,783		
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 AS % OF 1976	1975	1976	1977	1977 AS % OF 1976
	1,000 GALLONS			PERCENT	1,000 GALLONS			PERCENT
ICE CREAM								
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			721,714	705,849		
NOV	56,572	57,165			778,860	763,014		
DEC	58,266	54,876			836,552	817,890		
ICE MILK								
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			265,823	253,339		
NOV	16,989	16,246			282,812	269,585		
DEC	15,977	15,649			298,789	285,234		
SHERBET								
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			42,741	43,622		
NOV	2,710	2,873			45,451	46,495		
DEC	3,091	3,094			48,542	49,589		
MELLORINE-TYPE FROZEN DESSERT								
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			26,959	20,918		
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 %	1,000 POUNDS			AS %
			OF 1976				OF 1976	
	1,000 POUNDS			PERCENT	1,000 POUNDS			PERCENT
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	91,640	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			884,040	798,614		
NOV	50,322	53,901			934,362	852,515		
DEC	67,092	73,668			1,001,454	926,183		

BUTTER: PRODUCTION BY STATES, SEPTEMBER 1977

STATE	SEP	SEP	AUG	SEP	PERCENT OF	
	1975	1976	1977	1977	SEP	AUG
	1,000 POUNDS				1976	1977
					PERCENT	
CALIF	10,514	11,399	12,700	11,850	104	93
IDAHO	616	518	970	1,030	199	106
ILL	1,060	1,020	535	580	57	108
IND	789	1,683	802	745	44	93
IOWA	2,160	2,313	4,155	2,990	129	72
KANS	788	958	1,004	973	102	97
KY	1,516	1,472	609	763	52	125
MICH	1,135	1,825	2,820	2,750	151	98
MINN	11,479	9,596	16,490	14,230	148	86
MO	820	1,148	1,270	1,468	128	116
NEBR	1,383	1,328	1,258	1,242	94	99
N Y	1,065	1,146	1,795	1,950	170	109
N DAK	489	422	590	470	111	80
OHIO	1,325	1,420	1,909	2,326	164	122
OKLA	610	1,049	896	799	76	89
OREG	941	1,003	1,060	1,150	115	108
PA	1,188	1,704	2,665	2,220	130	83
S DAK	671	719	809	723	101	89
TENN	873	977	981	1,368	140	139
UTAH	506	414	380	344	83	91
VT	165	256	175	767	300	438
WASH	2,372	2,329	2,479	2,655	114	107
WIS	13,311	15,914	18,100	17,500	110	97
OTHER STATES	2,236	3,433	3,749	4,608	134	123
U S	58,012	64,046	78,201	75,501	118	97

AMERICAN CHEESE: PRODUCTION BY STATES, SEPTEMBER 1977

STATE	SEP	SEP	AUG	SEP	PERCENT OF	
	1975	1976	1977	1977	SEP	AUG
1,000 POUNDS					PERCENT	
					1976	1977
IDAHO	5,359	5,752	4,800	5,390	94	112
ILL	873	764	1,400	1,015	133	73
IND	1,746	2,246	2,452	2,156	96	88
IOWA	5,475	9,499	7,300	6,400	67	88
KANS	1,572	1,767	1,948	1,207	68	62
KY	3,134	3,827	4,867	4,049	106	83
MICH	1,289	1,673	2,000	1,750	105	88
MINN	18,103	27,586	22,210	22,255	81	100
MO	3,327	4,071	4,625	3,570	88	77
NEBR	2,441	2,591	2,350	1,800	69	77
N Y	3,369	5,697	6,590	5,580	98	55
N DAK	3,135	3,538	4,709	3,900	110	85
OHIO	1,357	1,251	2,183	1,836	147	84
S DAK	3,091	3,283	3,410	3,143	96	92
TENN	1,661	1,740	1,799	1,352	78	75
UTAH	2,788	3,167	3,560	2,814	89	79
VT	1,162	1,386	1,550	1,390	100	90
WIS	49,709	63,716	71,500	62,000	97	87
OTH STS	6,874	12,069	13,473	11,156	92	83
U S	116,465	155,623	162,726	142,763	92	88

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, SEPTEMBER 1977

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	SEP	SEP	APR 1, 1976	APR 1, 1977	SEP 30,	SEP 30,
	1976	1977	THROUGH	THROUGH	1976	1977
1,000 POUNDS						
BUTTER		317	384	134,371		1/162,245
CHEESE		2,892	10,887	87,458		1/69,682
NONFAT DRY MILK	19,345	38,278	161,902	347,012	401,147	1/633,897

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USES: BUTTER IN ONE-POUND PACKAGES, 52,281,000 POUNDS; PROCESSED CHEESE, 20,251,000 POUNDS AND FORTIFIED NONFAT DRY MILK, 19,503,000 POUNDS.

ICE CREAM: PRODUCTION BY STATES, SEPTEMBER 1977

STATE	1,000 GALLONS				PERCENT OF	
	SEP 1975	SEP 1976	AUG 1977	SEP 1977	SEP 1976	AUG 1977
ALA	1,253	1,177	1,162	1,070	91	92
ARIZ	586	564	590	575	102	97
CALIF	7,507	7,503	9,700	8,200	109	85
COLO	648	754	875	755	100	86
CONN	1,570	1,504	2,290	1,125	75	49
FLA	2,571	2,714	2,488	2,640	97	106
GA	630	530	546	404	76	74
ILL	4,236	4,211	3,840	3,760	89	98
IND	2,902	2,477	2,900	2,420	98	83
IOWA	888	1,105	1,020	910	82	89
KANS	632	670	844	665	99	79
KY	438	441	568	401	91	71
LA	1,119	979	990	1,035	106	105
MD 1/	1,747	1,826	1,940	1,710	94	88
MASS	4,082	4,072	4,700	4,150	102	88
MICH	3,167	3,069	3,700	2,950	96	80
MINN	2,323	2,679	3,165	2,705	101	85
MO	1,693	1,710	1,900	1,775	104	93
NEBR	796	879	1,030	880	100	85
N J	1,097	1,234	1,452	1,051	85	72
N Y	6,028	6,076	6,280	6,520	107	104
N C	2,510	2,487	2,750	2,560	103	93
OHIO	4,425	4,603	4,990	4,440	96	89
OKLA	711	720	851	734	102	86
OREG	617	593	650	670	113	103
PA	6,670	6,352	6,800	6,495	102	96
S C	1,031	971	1,084	1,015	105	94
TENN	1,592	1,542	1,877	1,543	100	82
TEX	3,330	3,273	3,815	3,550	108	93
UTAH	622	541	706	597	110	85
VA	791	755	769	736	97	96
WASH	1,345	1,462	1,726	1,538	105	89
WIS	1,720	1,623	1,500	1,400	86	93
OTH STS	3,111	3,036	3,892	3,111	102	80
U S	74,388	74,132	83,390	74,090	100	89

1/ INCLUDES DISTRICT OF COLUMBIA.

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

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	SEP 1976	AUG 1977	SEP 1977	SEP 1976	AUG 1977	SEP 1977	SEP 1976	AUG 1977	SEP 1977
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.50	8.48	8.62	3.63	3.44	3.56	2.34	2.47	2.42
S ATL & CENTRAL	8.59	8.50	8.64	3.79	3.61	3.70	2.27	2.35	2.34
WEST	8.69	8.65	8.70	3.48	3.30	3.39	2.50	2.62	2.57
U S	8.55	8.50	8.63	3.65	3.49	3.58	2.34	2.44	2.41

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, SEPTEMBER 1977 1/

PRICE PER POUND 2/ CENTS	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	
		POUNDS			
20-20 1/2		4,950			
20 1/2-21		9,492			
22-22 1/2		6,000			
26-26 1/2		91,300			
27-27 1/2				3,700	
30-30 1/2		24,649			
31-31 1/2		52,680			
32-32 1/2				80,000	
33-33 1/2				38,000	
34-34 1/2		2,050		17,650	
35-35 1/2		84,000			
36-36 1/2		175,750			
36 1/2-37		40,000			
37 1/2-38		1,360			
38-38 1/2		5,800			
42-42 1/2		30,700			
49-49 1/2			132,200		
50-50 1/2			363,125		
54-54 1/2			218,750		
58-58 1/2			81,300		
60-60 1/2			376,000		
60 1/2-61			49,950		
61-61 1/2			468,750		
62-62 1/2			1,230,660		
63-63 1/2			27,200		
63 1/2-64			14,100		
65-65 1/2	448,450				
65 1/2-66	886,000				
66-66 1/2	748,700				
66 1/2-67	3,160,270				
67-67 1/2	9,861,980				
67 1/2-68	17,112,691				
68-68 1/2	39,743,411				
68 1/2-69	3,742,899				
69-69 1/2	2,312,230				
69 1/2-70	2,069,900				
70-70 1/2	14,000				
71-71 1/2	160,000				
72-72 1/2	70,000				
79 1/2-80 1/2					216,400
80 1/2-81 1/2					1,264,600
81 1/2-82 1/2					162,900
82 1/2-83 1/2					49,385
83 1/2-84 1/2					1,180,488
87 1/2-88 1/2					310,000
89 1/2-90 1/2					15,250

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, SEPTEMBER 1977

PRODUCT	SEP 1975	SEP 1976	AUG 1977	SEP 1977	PERCENT OF	
					SEP 1976	AUG 1977
	1,000 POUNDS				PERCENT	
	MANUFACTURERS' SHIPMENTS <u>1/</u>					
DRY WHOLE MILK	4,173	4,237	8,079	4,594	108	57
NONFAT DRY MILK FOR HUMAN FOOD	57,903	58,529	103,509	87,720	150	85
DRY SKIM MILK FOR ANIMAL FEED	570	425	688	893	210	130
DRY BUTTERMILK FOR HUMAN FOOD	2,082	1,596	4,765	3,333	209	70
DRY BUTTERMILK, TOTAL	2,232	1,726	4,805	3,495	202	73
	MANUFACTURERS' STOCKS, END OF MONTH <u>2/</u>					
CANNED EVAPORATED AND CONDENSED WHOLE MILK	96,608	135,152	158,721	148,612	110	94
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	6,151	10,989	6,151	6,349	58	103
DRY SKIM MILK FOR ANIMAL FEED	48,596	104,114	109,449	88,552	85	81
DRY BUTTERMILK, TOTAL	2,283	2,863	2,573	2,468	86	96
	1,572	6,055	4,952	3,727	62	75
	MANUFACTURERS' SELLING PRICES <u>3/</u>					
	CENTS PER POUNDS				CHANGE-CENTS	
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	76.23	80.29	82.49	82.17	+1.88	-.32
DRY SKIM MILK FOR ANIMAL FEED	64.59	64.00	67.87	68.01	+4.01	+1.14
DRY BUTTERMILK FOR HUMAN FOOD	40.35	36.47	35.33	33.27	-3.20	-2.06
DRY BUTTERMILK FOR ANIMAL FEED	60.42	61.11	57.70	59.09	-2.02	+1.39
	30.46	35.77	29.16	32.38	-3.39	+3.22

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, SEPTEMBER 1977 1/

REGION	SEP 1975	SEP 1976 <u>2/</u>	AUG 1977	SEP 1977
	DOLLARS PER CASE OF 48 14-1/2 OZ. CANS			
NORTH ATLANTIC	12.45-12.90	12.87-14.15	12.80-14.55	12.70-14.55
SOUTH ATLANTIC	12.45-12.90	13.70-14.15	14.50-14.55	14.50-14.55
NORTH CENTRAL	12.35-12.90	13.60-14.36	14.45-15.15	14.45-15.16
SOUTH CENTRAL	12.90-12.90	14.15-14.15	14.50-14.50	14.50-14.50
WESTERN	11.41-13.23	12.38-14.77	12.90-15.60	12.79-15.61
U S	11.41-13.23	12.38-14.77	12.80-15.60	12.70-15.61

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, SEPTEMBER 1977

PRIMARY USE	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	SEP	AUG	SEP	SEP	AUG	SEP	SEP	AUG	SEP
	1976	1977	1977	1976	1977	1977	1976	1977	1977
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR:</u>									
BUTTER AND BY-PRODUCTS	8.45	8.54	8.71	3.59	3.50	3.60	2.35	2.44	2.42
AMERICAN CHEESE	8.67	8.68	8.88	3.64	3.56	3.66	2.38	2.44	2.43
<u>MISC. CHEESE:</u>									
SWISS	9.00	8.83	8.99	3.59	3.49	3.61	2.51	2.53	2.49
BRICK & MUSTER	8.81	8.76	9.00	3.60	3.53	3.64	2.45	2.48	2.47
ITALIAN	8.80	8.82	9.01	3.63	3.56	3.68	2.42	2.48	2.45
ALL OTHER	8.79	8.71	8.97	3.72	3.59	3.71	2.36	2.43	2.42
ALL MISC. CHEESE	8.85	8.80	9.00	3.62	3.54	3.66	2.44	2.49	2.46
ALL CHEESE	8.72	8.71	8.92	3.63	3.55	3.66	2.40	2.45	2.44

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, SEPTEMBER 1977

PRIMARY USE AND STATE	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	SEP	AUG	SEP	SEP	AUG	SEP	SEP	AUG	SEP
	1976	1977	1977	1976	1977	1977	1976	1977	1977
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR BUTTER AND BY-PRODUCTS</u>									
CALIF	8.34	8.74	8.85	3.89	3.72	3.78	2.14	2.35	2.34
IOWA	8.50	8.51	8.67	3.57	3.48	3.59	2.38	2.45	2.42
MINN	8.39	8.45	8.63	3.50	3.44	3.53	2.40	2.46	2.44
S DAK	8.44	8.48	8.69	3.46	3.36	3.51	2.44	2.52	2.48
WIS	8.80	8.86	9.07	3.68	3.61	3.73	2.39	2.45	2.43
U S	8.45	8.54	8.71	3.59	3.50	3.60	2.35	2.44	2.42
<u>MILK FOR AMERICAN CHEESE</u>									
IDAHO	8.85	8.65	8.90	3.55	3.34	3.44	2.49	2.59	2.59
IOWA	8.68	8.59	8.77	3.58	3.50	3.62	2.42	2.45	2.42
KANS	8.27	8.45	8.55	3.48	3.50	3.58	2.38	2.41	2.39
KY	8.00	8.05	8.33	3.77	3.53	3.65	2.12	2.28	2.28
MINN	8.47	8.61	8.81	3.57	3.51	3.59	2.37	2.45	2.45
MO	8.55	8.50	8.70	3.58	3.50	3.63	2.39	2.43	2.40
NEBR	8.51	8.36	8.50	3.53	3.49	3.55	2.41	2.40	2.39
N DAK	8.41	8.30	8.38	3.59	3.46	3.55	2.34	2.40	2.36
S DAK	8.68	8.62	8.76	3.51	3.48	3.61	2.47	2.48	2.43
TENN	7.60	7.83	7.89	3.82	3.77	3.87	1.99	2.08	2.04
WIS	8.89	8.89	9.13	3.71	3.64	3.74	2.40	2.44	2.44
U S	8.67	8.68	8.88	3.64	3.56	3.66	2.38	2.44	2.43

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