

DAIRY PRODUCTS

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JULY HIGHLIGHTS

Butter production was 73.7 million pounds in July, 13 percent less than June and 10 percent less than July 1977.

American type cheese totaled 183 million pounds, 12 percent below last month, but 5 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 297 million pounds, down 11 percent from the previous month, but 6 percent above the previous year.

Creamed cottage cheese, 73.2 million pounds, down 1 percent from a year ago.

Lowfat cottage cheese, 12.7 million pounds, 13 percent more than a year earlier.

Canned evaporated and condensed whole milk, 73.8 million pounds, down 5 percent from July 1977.

Frozen desserts: (Comparisons with July 1977)

Ice cream--80.2 million gallons, up 2 percent.

Ice milk--33.9 million gallons, down 2 percent.

Sherbet--5.32 million gallons, down 7 percent.

Dry milk products: (Comparisons with July 1977)

Nonfat dry milk for human food--98.2 million pounds, down 20 percent.

Dry whole milk--5.87 million pounds, up 36 percent.

Dry buttermilk--3.34 million pounds, down 11 percent.

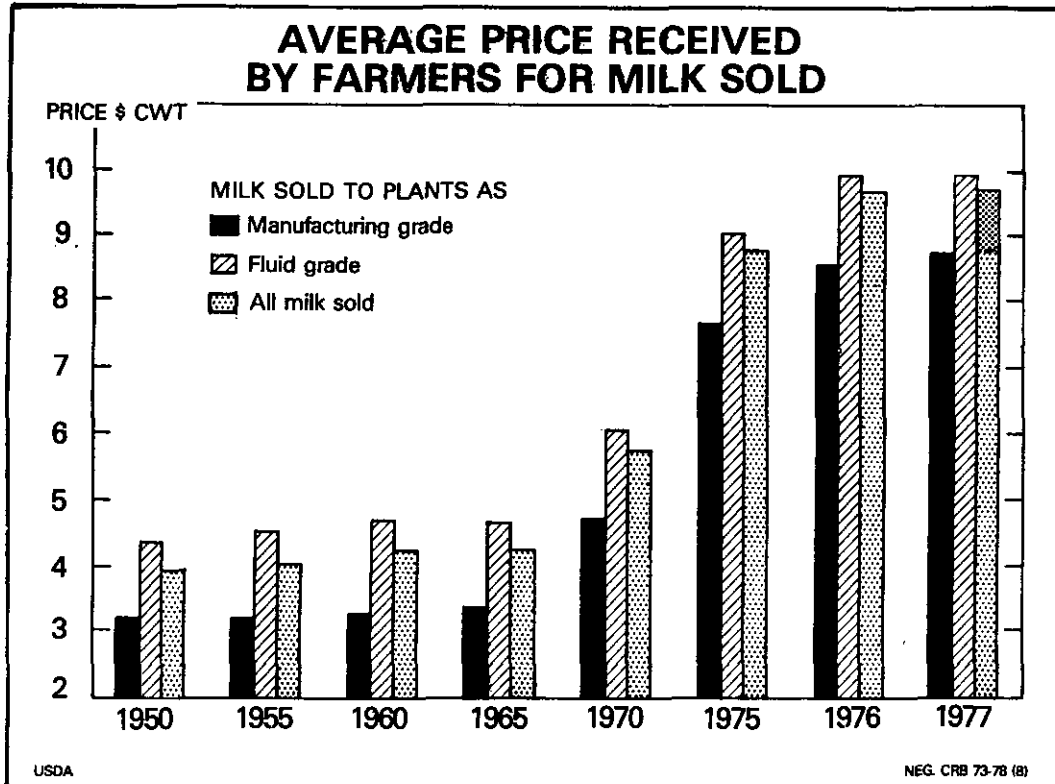
MANUFACTURING GRADE MILK PRICES MIXED DURING JULY

Butter-powder, \$9.20, up 10 cents from June and 70 cents above July 1977.

American cheese, \$9.32, an increase of 1 cent from the previous month and 72 cents above the previous year.

Miscellaneous cheese, \$9.45, down 1 cent from June, but 78 cents higher than July 1977.

Evaporated (Canned), \$8.89, 1 cent below last month, but 55 cents above the previous year.



AVERAGE PRICES RECEIVED BY FARMERS FOR MILK SOLD TO PLANTS, SELECTED YEARS 1950-1977

YEAR	FLUID MILK	MFG. MILK	ALL MILK
DOLLARS PER CWT			
1950	4.36	3.16	3.89
1955	4.50	3.15	4.01
1960	4.69	3.25	4.21
1965	4.63	3.34	4.23
1970	6.05	4.70	5.71
1975	9.02	7.63	8.75
1976	9.93	8.56	9.66
1977	9.96	8.70	9.72

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, JULY 1978

PRODUCT	JULY 1976	JULY 1977	JUNE 1978	JULY 1978	PERCENT OF	
					JULY 1977	JUNE 1978
1,000 POUNDS					PERCENT	
BUTTER	71,487	81,762	84,664	73,656	90	87
CHEESE:						
AMERICAN TYPES <u>1/</u>	187,764	175,220	209,299	183,402	105	88
SWISS	18,551	17,263	20,110	18,328	106	91
BRICK AND MUNSTER	6,439	5,616	6,162	6,004	107	97
CREAM AND NEUFCHATEL	11,824	11,214	16,108	12,017	107	75
BLUE	3,021	2,882	3,354	3,094	107	92
MOZZARELLA	44,102	45,624	49,937	49,894	109	100
OTHER ITALIAN TYPES	19,196	18,877	23,809	20,519	109	86
TOTAL ITALIAN TYPES	63,298	64,501	73,746	70,413	109	95
ALL OTHER TYPES <u>2/</u>	4,038	3,395	4,134	3,751	110	91
TOTAL	294,935	280,091	332,913	297,009	106	89
COTTAGE CHEESE, CURD <u>3/</u>	61,015	58,312	61,762	59,022	101	96
COTTAGE CHEESE, CREAMED <u>4/</u>	75,937	74,305	77,505	73,240	99	94
COTTAGE CHEESE, LOWFAT <u>5/</u>	11,790	11,271	13,467	12,683	113	94
CANNED EVAPORATED AND						
CONDENSED WHOLE MILK	88,678	77,894	78,821	73,760	95	94
DRY WHOLE MILK	6,338	4,322	6,856	5,873	136	86
NONFAT DRY MILK FOR HUMAN						
FOOD	96,278	123,236	113,472	98,168	80	87
DRY SKIM MILK FOR ANIMAL						
FEED	636	876	715	595	68	83
DRY BUTTERMILK	3,135	3,753	4,098	3,344	89	82
1,000 GALLONS					PERCENT	
ICE CREAM	82,482	78,767	85,493	80,228	102	94
ICE MILK	33,334	34,439	34,603	33,886	98	98
SHERBET	5,755	5,697	5,923	5,315	93	90
MELLORINE-TYPE						
FROZEN DESSERTS <u>6/</u>	2,403	1,838	2,056	1,823	99	89

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, JULY 1978

PRODUCT	JUL	JUN	JUL	PERCENT OF	
	1977	1978 ^{1/}	1978	JUL	JUN
	PRODUCTION			PERCENT	
	1,000 POUNDS				
CONDENSED WHEY, SOLIDS CONTENT ^{2/}					
SWEET-TYPE, HUMAN FOOD	9,744	10,869	8,802	90	81
SWEET-TYPE, ANIMAL FEED	1,582	2,637	2,277	144	86
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	1,232	973	775	63	80
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	37,774	50,410	43,530	115	86
DRY WHEY, ANIMAL FEED	11,249	19,179	16,297	145	85
PARTIALLY DELACTOSED					
HUMAN FOOD	1,794	2,918	2,565	143	88
ANIMAL FEED	9,998	11,453	10,781	108	94
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,061	2,748	2,706	131	98
ANIMAL FEED	3/	3/	3/		
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	295	861	551	187	64
PARTIALLY DELACTOSED/DEMINERALIZED,					
ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	8,281	10,673	9,708	117	91
LACTOSE, ANIMAL FEED	643	577	426	66	74
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	1,566	3,287	2,493	159	76
ANIMAL FEED	3,415	4,573	4,622	135	101
	MANUFACTURERS' STOCKS, END-OF-MONTH ^{5/}			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD ^{6/}	27,889	36,714	34,171	123	93
ANIMAL FEED ^{6/}	18,261	22,152	24,468	134	110
PARTIALLY DEMINERALIZED HUMAN FOOD	1,864	1,496	1,907	102	127
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	1,713	1,020	862	50	85
PARTIALLY DELACTOSED/DEMINERALIZED,					
ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	6,811	8,082	9,091	133	112
LACTOSE, ANIMAL FEED	2,027	4/	4/		
	MANUFACTURERS' SELLING PRICE ^{7/}			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS ^{2/}					
SWEET-TYPE, HUMAN FOOD	5.8	6.6	6.7	+0.9	+0.1
SWEET-TYPE, ANIMAL FEED	2.2	1.5	1.6	-0.6	+0.1
ACID-TYPE, HUMAN FOOD	4/	3/	3/		
ACID-TYPE, ANIMAL FEED	4/	4/	4/		
DRY WHEY, HUMAN FOOD	10.1	12.2	13.0	+2.9	+0.8
DRY WHEY, ANIMAL FEED	7.0	10.3	10.4	+3.4	+0.1

^{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			666,417	754,998		
SEP	64,046	75,033			730,463	830,031		
OCT	78,072	84,547			808,535	914,578		
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	164,094			1,429,920	1,459,147		
SEP	154,456	141,446			1,584,370	1,600,593		
OCT	150,243	146,245			1,734,619	1,746,838		
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			600,789	601,809		
SEP	73,089	73,632			673,878	675,441		
OCT	69,534	69,471			743,412	744,912		
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			93,626	95,054		
SEP	11,428	11,403			105,054	106,457		
OCT	10,729	11,367			115,783	117,824		
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
ICE CREAM								
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			572,154	563,243		
SEP	74,187	71,650			646,341	634,893		
OCT	59,805	59,629			706,146	694,522		
NOV	57,190	56,306			763,336	750,828		
DEC	54,905	53,304			818,241	804,132		
ICE MILK								
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			208,961	213,855		
SEP	25,242	26,129			234,203	239,984		
OCT	19,975	20,877			254,178	260,861		
NOV	16,293	17,171			270,471	278,032		
DEC	15,705	15,268			286,176	293,300		
SHERBET								
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			36,319	36,385		
SEP	4,215	4,281			40,534	40,666		
OCT	3,088	3,210			43,622	43,876		
NOV	2,873	2,961			46,495	46,837		
DEC	3,094	3,133			49,589	49,970		
MELLORINE-TYPE FROZEN DESSERT								
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			17,205	13,754		
SEP	2,085	1,619			19,290	15,373		
OCT	1,628	1,289			20,918	16,662		
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, 1976-78

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			686,047	815,042		
SEP	56,087	77,558			742,134	892,600		
OCT	56,480	70,285			798,614	962,885		
NOV	53,901	65,132			852,515	1,028,017		
DEC	73,668	77,954			926,183	1,105,971		

BUTTER: PRODUCTION BY STATES, JULY 1978

STATE	JUL	JUL	JUN	JUL	PERCENT OF	
	1976	1977	1978	1978	JUL	JUN
	1,000 POUNDS				PERCENT	
					1977	1978
CALIF	12,262	12,722	10,700	11,650	92	109
IDAHO	326	1,256	816	543	43	67
ILL	719	561	340	300	53	88
IND	1,793	736	1,135	648	88	57
IOWA	3,588	4,255	3,900	2,882	68	74
KANS	1,122	1,159	1,136	832	72	73
KY	1,430	974	875	1,022	105	117
MICH	2,238	2,437	3,000	2,200	90	73
MINN	14,744	18,279	16,145	15,110	83	94
MO	1,359	1,386	1,445	1,069	77	74
NEBR	1,554	1,018	1,016	941	92	93
N Y	1,414	2,831	3,500	2,775	98	79
N DAK	493	572	645	466	81	72
OHIO	1,171	2,624	2,600	2,001	76	77
OKLA	989	927	1,105	739	80	69
OREG	1,053	1,076	1,300	1,100	102	85
PA	1,273	2,543	3,200	2,540	100	79
S DAK	811	832	935	759	91	81
TENN	913	519	818	528	102	65
UTAH	279	495	378	356	72	94
VT	363	128	577	116	91	20
WASH	2,646	2,895	2,763	2,802	97	101
WIS	15,825	18,014	22,200	18,750	104	84
OTH STS	3,122	3,523	4,135	3,527	100	85
U S	71,487	81,762	84,664	73,656	90	87

AMERICAN CHEESE: PRODUCTION BY STATES, JULY 1978

STATE	JULY 1976	JULY 1977	JUNE 1978	JULY 1978	PERCENT OF	
					JULY 1977	JUNE 1978
1,000 POUNDS					PERCENT	
IDAHO	6,664	4,742	6,619	5,948	125	90
ILL	1,290	1,409	464	585	42	126
IND	2,897	2,769	2,652	2,546	92	96
IOWA	8,411	8,573	9,200	8,875	104	96
KANS	3,123	2,876	2,737	2,498	87	91
KY	5,725	4,762	4,768	4,552	96	95
MICH	1,848	1,763	2,400	1,650	94	69
MINN	29,602	22,255	35,245	27,595	124	78
MO	5,437	4,547	5,500	4,100	90	75
NEBR	3,118	2,650	3,900	3,600	136	92
N Y	8,087	7,249	8,450	7,590	105	90
N DAK	5,211	5,144	6,095	5,531	108	91
S DAK	3,839	3,528	4,083	3,468	98	85
TENN	2,339	1,907	1,986	1,721	90	87
UTAH	4,210	3,858	4,381	4,004	104	91
VT	1,900	1,691	2,463	2,216	131	90
WIS	74,409	77,750	86,700	80,700	104	93
OTH STS	19,654	17,747	21,656	16,223	91	75
U S	187,764	175,220	209,299	183,402	105	88

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, JULY 1978

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	JUL 1977	JUL 1978	OCT 1, 1976 THROUGH JUL 31, 1977	OCT 1, 1977 THROUGH JUL 31, 1978	JUL 31, 1977	JUL 31, 1978 ^{1/}
1,000 POUNDS						
BUTTER	15,988	173	235,150	147,231	166,262	237,954
CHEESE	16,829	13,764	146,579	40,977	63,305	51,942
NONFAT DRY MILK	67,787	46,307	392,588	311,961	574,883	632,737

^{1/} INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 57,999,000 POUNDS; PROCESSED CHEESE, 46,668,000 AND FORTIFIED NONFAT DRY MILK, 44,201,000 POUNDS.

ICE CREAM: PRODUCTION BY STATES, JULY 1978

STATE	JULY 1976	JULY 1977	JUNE 1978	JULY 1978	PERCENT OF	
	1,000 GALLONS				JULY 1977	JUNE 1978
					PERCENT	
ALA	1,382	1,258	1,384	1,130	90	82
ARIZ	699	570	597	593	104	99
CALIF	9,098	8,061	9,350	8,700	108	93
COLO	810	784	937	781	100	83
CONN	1,694	1,632	1,690	1,620	99	96
FLA	2,371	2,730	2,930	2,578	94	88
GA	759	635	571	550	87	96
ILL	4,472	3,811	4,180	3,980	104	95
IND	2,396	2,482	3,230	2,507	101	78
IOWA	1,144	972	1,140	1,110	114	97
KANS	664	739	653	536	73	82
KY	499	596	570	570	96	100
LA	1,098	1,030	1,011	866	84	86
MD 1/	1,902	1,888	2,150	2,150	114	100
MASS	4,886	4,075	4,920	4,000	98	81
MICH	3,530	3,720	3,550	3,400	91	96
MINN	3,124	2,942	2,825	3,055	104	108
MO	1,903	1,951	2,025	2,000	103	99
NEBR	886	1,009	1,160	1,220	121	105
N J	1,509	1,315	1,215	1,250	95	103
N Y	6,452	6,028	7,015	6,536	110	95
N C	2,846	2,624	2,690	2,730	104	101
OHIO	4,604	4,531	4,930	4,210	93	85
OKLA	842	910	838	887	97	106
OREG	753	776	700	720	93	103
PA	7,002	6,773	6,675	6,350	94	95
S C	865	1,184	1,753	1,616	136	92
TENN	1,854	1,898	2,016	2,135	112	106
TEX	3,481	3,523	4,050	3,523	100	87
UTAH	667	623	690	722	116	105
VA	823	760	791	942	124	119
WASH	1,702	1,597	1,786	1,693	106	95
WIS	1,830	1,792	1,800	1,900	106	106
OTH STS	3,935	3,548	3,671	3,568	101	97
U S	82,482	78,767	85,493	80,228	102	94

1/ INCLUDES DISTRICT OF COLUMBIA.

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

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JULY 1977	JUNE 1978	JULY 1978	JULY 1977	JUNE 1978	JULY 1978	JULY 1977	JUNE 1978	JULY 1978
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.35	8.75	8.83	3.44	3.52	3.53	2.43	2.49	2.49
S ATL & CENTRAL	8.26	8.99	8.89	3.51	3.49	3.49	2.35	2.58	2.58
WEST	8.57	9.07	9.09	3.23	3.31	3.28	2.65	2.74	2.74
U S	8.34	8.90	8.89	3.44	3.47	3.47	2.42	2.56	2.56

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, JULY 1978

PRODUCT	JULY 1976	JULY 1977	JUNE 1978	JULY 1978	PERCENT OF	
					JULY 1977	JUNE 1978
MANUFACTURERS' SHIPMENTS <u>1/</u> 1,000 POUNDS						
					PERCENT	
DRY WHOLE MILK	3,921	4,577	4,702	4,936	108	105
NONFAT DRY MILK						
FOR HUMAN FOOD	85,572	110,932	98,095	78,409	71	80
DRY SKIM MILK						
FOR ANIMAL FEED	383	766	801	699	91	87
DRY BUTTERMILK						
FOR HUMAN FOOD	2,324	4,337	3,929	3,104	72	79
DRY BUTTERMILK						
TOTAL	2,414	4,475	4,064	3,266	73	80
MANUFACTURERS' STOCKS, END-OF-MONTH <u>2/</u> 1,000 POUNDS						
					PERCENT	
CANNED EVAPORATED						
AND CONDENSED						
WHOLE MILK	143,111	133,208	101,401	120,189	90	119
NONFAT DRY MILK	11,791	8,997	9,494	9,448	105	100
FOR HUMAN FOOD	125,732	122,409	94,675	94,951	78	100
DRY SKIM MILK						
FOR ANIMAL FEED	3,016	2,684	1,637	1,537	57	94
DRY BUTTERMILK						
TOTAL	6,999	6,459	4,156	3,556	55	86
MANUFACTURERS' SELLING PRICES <u>3/</u> CENTS PER POUND						
					CHANGE-CENTS	
DRY WHOLE MILK	79.62	80.93	87.06	88.13	+7.20	+1.07
NONFAT DRY MILK						
FOR HUMAN FOOD	62.34	68.03	71.02	71.29	+3.26	+.27
DRY SKIM MILK						
FOR ANIMAL FEED	34.44	33.28	32.85	28.65	-4.63	-4.20
DRY BUTTERMILK						
FOR HUMAN FOOD	61.50	55.24	65.38	66.75	+11.51	+1.37
DRY BUTTERMILK						
FOR ANIMAL FEED	29.86	26.22	31.54	23.17	-3.05	-8.37

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, JULY 1978

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUL 1977	JUN 1978	JUL 1978	JUL 1977	JUN 1978	JUL 1978	JUL 1977	JUN 1978	JUL 1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR:									
BUTTER AND BY-PRODUCTS	8.50	9.10	9.20	3.46	3.50	3.47	2.46	2.60	2.65
AMERICAN CHEESE	8.60	9.31	9.32	3.52	3.56	3.54	2.44	2.62	2.63
MISC. CHEESE:									
SWISS	8.63	9.49	9.49	3.45	3.49	3.47	2.50	2.72	2.73
BRICK & MUNSTER	8.60	9.46	9.40	3.47	3.59	3.54	2.48	2.64	2.65
ITALIAN	8.71	9.46	9.46	3.53	3.60	3.56	2.47	2.63	2.66
ALL OTHER	8.61	9.42	9.38	3.54	3.62	3.60	2.43	2.60	2.61
ALL MISC. CHEESE	8.67	9.46	9.45	3.51	3.57	3.54	2.47	2.65	2.67
ALL CHEESE	8.62	9.35	9.36	3.52	3.56	3.54	2.45	2.63	2.64

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, JULY 1978

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUL 1977	JUN 1978	JUL 1978	JUL 1977	JUN 1978	JUL 1978	JUL 1977	JUN 1978	JUL 1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR BUTTER AND BY-PRODUCTS									
CALIF	8.71	9.32	9.40	3.69	3.79	3.79	2.36	2.46	2.48
IOWA	8.52	9.20	9.34	3.44	3.48	3.46	2.48	2.64	2.70
MINN	8.40	9.00	9.10	3.41	3.43	3.40	2.46	2.62	2.68
S DAK	8.40	8.75	8.93	3.29	3.30	3.29	2.55	2.65	2.71
WIS	8.76	9.45	9.52	3.59	3.67	3.64	2.44	2.58	2.62
U S	8.50	9.10	9.20	3.46	3.50	3.47	2.46	2.60	2.65
MILK FOR AMERICAN CHEESE									
IDAHO	8.70	9.30	9.30	3.35	3.37	3.35	2.60	2.76	2.78
IOWA	8.46	9.25	9.28	3.44	3.53	3.50	2.46	2.62	2.65
KANS	8.35	8.97	8.93	3.45	3.44	3.39	2.42	2.61	2.63
KY	7.90	8.55	8.49	3.50	3.50	3.48	2.26	2.44	2.44
MINN	8.57	9.24	9.22	3.47	3.49	3.45	2.47	2.65	2.67
MO	8.40	8.90	9.00	3.44	3.50	3.50	2.44	2.54	2.57
NEBR	8.30	8.91	9.00	3.40	3.44	3.42	2.44	2.59	2.63
N DAK	8.25	8.90	9.00	3.43	3.40	3.43	2.41	2.62	2.62
S DAK	8.49	8.95	9.12	3.40	3.42	3.45	2.50	2.62	2.64
TENN	7.82	8.55	8.60	3.71	3.69	3.71	2.11	2.32	2.32
WIS	8.78	9.55	9.56	3.60	3.67	3.66	2.44	2.60	2.61
U S	8.60	9.31	9.32	3.52	3.56	3.54	2.44	2.62	2.63

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

