

DAIRY PRODUCTS

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SEPTEMBER HIGHLIGHTS

Butter production was 64.5 million pounds in September, 1 percent more than August but 14 percent less than September 1977.

American type cheese totaled 149 million pounds, 11 percent below last month but 6 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 265 million pounds, down 7 percent from the previous month but 5 percent above the previous year.

Creamed cottage cheese, 72.2 million pounds, was down 2 percent from a year ago.

Lowfat cottage cheese, 12.9 million pounds, was 13 percent more than a year earlier.

Canned evaporated and condensed whole milk, 58.2 million pounds, was down 3 percent from September 1977.

Frozen desserts: (Comparisons with September 1977)

Ice cream--73.1 million gallons, up 2 percent.

Ice milk--26.0 million gallons, down 1 percent.

Sherbet--4.09 million gallons, down 4 percent.

Dry milk products: (Comparisons with September 1977)

Nonfat dry milk for human food--59.1 million pounds, down 24 percent.

Dry whole milk--5.03 million pounds, up 7 percent.

Dry buttermilk--2.70 million pounds, down 21 percent.

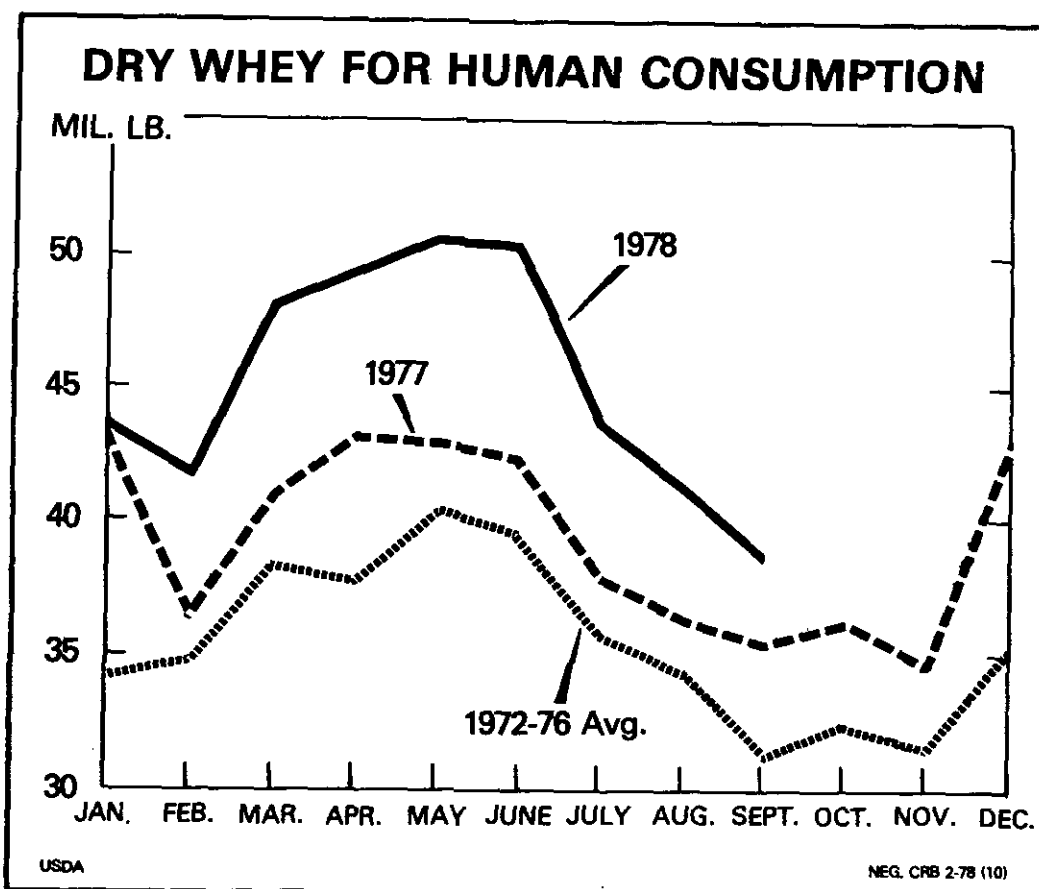
PRICE OF MANUFACTURING GRADE MILK FOR CHEESE--RECORD \$10 IN SEPTEMBER

Butter-powder, \$9.83, up 32 cents from August, and \$1.05 above September 1977.

American cheese, \$10.01, an increase of 36 cents from the previous month and \$1.13 above the previous year.

Miscellaneous cheese, \$10.14, up 31 cents from August, and \$1.17 higher than September 1977.

Evaporated milk (canned), \$9.44, 36 cents above last month, and up 91 cents from the previous year.



U.S. DRY WHEY PRODUCTION FOR HUMAN CONSUMPTION

MONTH	AVERAGE 1972-76	1977	1978
		1,000 POUNDS	
JAN	34,301	43,397	43,683
FEB	34,864	36,389	41,949
MAR	38,433	40,968	48,091
APR	37,732	43,088	49,416
MAY	40,150	42,989	50,668
JUN	39,503	42,299	50,410
JUL	35,777	37,774	43,530
AUG	34,392	36,337	41,254
SEP	31,455	35,340	39,038
OCT	32,445	36,190	
NOV	32,183	34,765	
DEC	35,171	42,976	

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, SEPTEMBER 1978

PRODUCT	SEP	SEP	AUG	SEP	PERCENT	
	1976	1977	1978	1978	SEP 1977	AUG 1978
	1,000 POUNDS				PERCENT	
BUTTER	64,046	75,033	64,151	64,543	86	101
CHEESE:						
AMERICAN TYPES 1/	154,456	141,446	167,456	149,231	106	89
SWISS	16,868	13,989	17,539	15,575	111	89
BRICK AND MUNSTER	6,271	5,889	6,023	5,879	100	98
CREAM AND NEUFCHATEL	15,291	17,711	13,557	16,920	96	125
BLUE	2,951	2,922	2,991	2,824	97	94
MOZZARELLA	41,806	45,854	51,929	49,091	107	95
OTHER ITALIAN TYPES	19,361	19,388	20,947	21,288	110	102
TOTAL ITALIAN TYPES	61,167	65,242	72,876	70,379	108	97
ALL OTHER TYPES 2/	4,227	4,472	4,133	4,111	92	99
TOTAL	261,231	251,671	284,575	264,919	105	93
COTTAGE CHEESE, CURD 3/	60,082	58,942	62,435	59,657	101	96
COTTAGE CHEESE, CREAMED 4/	73,089	73,632	77,225	72,221	98	94
COTTAGE CHEESE, LOWFAT 5/	11,428	11,403	13,700	12,913	113	94
CANNED EVAPORATED AND CONDENSED WHOLE MILK	63,333	59,696	68,978	58,195	97	84
DRY WHOLE MILK	5,180	4,700	5,470	5,029	107	92
NONFAT DRY MILK						
FOR HUMAN FOOD	56,087	77,558	78,561	59,128	76	75
DRY SKIM MILK						
FOR ANIMAL FEED	407	563	677	647	115	96
DRY BUTTERMILK	2,595	3,410	2,933	2,701	79	92
	1,000 GALLONS				PERCENT	
ICE CREAM	74,187	71,650	84,481	73,059	102	86
ICE MILK	25,242	26,129	33,382	25,954	99	78
SHERBET	4,215	4,281	5,207	4,089	96	79
MELLORINE-TYPE FROZEN DESSERTS 6/	2,085	1,619	1,785	1,583	98	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, SEPTEMBER 1978

PRODUCT	SEP	AUG	SEP	PERCENT OF	
	1977	1978 ^{1/}	1978	SEP	AUG
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT ^{2/}					
SWEET-TYPE, HUMAN FOOD	8,860	10,052	9,034	102	90
SWEET-TYPE, ANIMAL FEED	1,486	2,365	2,451	165	104
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED.	765	891	675	88	76
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	35,340	41,254	39,038	110	95
DRY WHEY, ANIMAL FEED	10,155	14,245	15,198	150	107
PARTIALLY DELACTOSED					
HUMAN FOOD	1,903	2,591	2,140	112	83
ANIMAL FEED	10,994	11,766	11,120	101	95
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,495	2,622	2,998	120	114
ANIMAL FEED	3/	3/	3/		
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	544	610	466	86	76
PARTIALLY DELACTOSED/DEMINERALIZED,					
ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	9,427	8,546	7,708	82	90
LACTOSE, ANIMAL FEED	427	699	400	94	57
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	1,958	2,659	3,103	158	117
ANIMAL FEED	3,980	6,380	4,867	122	76
	MANUFACTURERS' STOCKS, END OF MONTH ^{5/}			PERCENT	
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD ^{6/}	19,868	30,758	32,734	165	106
ANIMAL FEED ^{6/}	12,388	26,468	27,679	223	105
PARTIALLY DEMINERALIZED HUMAN FOOD	1,644	1,973	2,170	132	110
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	1,258	942	759	60	81
PARTIALLY DELACTOSED/DEMINERALIZED,					
ANIMAL FEED	4/	4/	4/		
LACTOSE, HUMAN FOOD	6,444	10,686	11,222	174	105
LACTOSE, ANIMAL FEED	2,089	4/	4/		
	MANUFACTURERS' SELLING PRICE ^{7/}			CENTS CHANGE	
CONDENSED WHEY SOLIDS ^{2/}					
SWEET-TYPE, HUMAN FOOD	8.8	7.4	8.1	-.7	+.7
SWEET-TYPE, ANIMAL FEED	2.1	2.0	2.8	+.7	+.8
ACID-TYPE, HUMAN FOOD	3/	3/	3/		
ACID-TYPE, ANIMAL FEED	4/	4/	4/		
DRY WHEY, HUMAN FOOD	13.2	13.6	14.0	+.8	+.4
DRY WHEY, ANIMAL FEED	9.3	10.8	11.7	+2.4	+.9

^{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			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	203,235	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			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	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			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	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			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	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			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	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			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	3,073	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			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	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			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,
SEPTEMBER 1978

MONTH	BY MONTHS				CUMULATIVE			
	1976	1977	1978	1978 AS % OF 1977	1976	1977	1978	1978 AS % OF 1977
	1, POUNDS			PERCENT	1,000 POUNDS			PERCENT
JAN	61,084	70,259	79,703	113	61,084	70,529	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			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, SEPTEMBER 1978

STATE	SEP	SEP	AUG	SEP	PERCENT OF	
	1976	1977	1978	1978	SEP	AUG
	1,000 POUNDS				1977	1978
CAL IF	11,399	11,806	10,900	11,100	94	102
IDAHO	518	984	568	554	56	98
ILL	1,020	645	315	275	43	87
IND	1,683	746	496	581	79	117
IOWA	2,313	2,998	1,935	1,960	65	101
KANS	958	973	878	796	82	91
KY	1,472	763	1,128	976	128	87
MICH	1,825	2,836	1,200	1,650	58	138
MINN	9,596	13,948	12,540	11,700	84	93
MO	1,148	1,482	1,353	1,542	104	114
NEBR	1,328	1,242	1,116	1,219	98	109
N Y	1,146	1,953	1,470	1,455	75	99
N DAK	422	468	420	453	97	108
OHIO	1,420	2,326	1,382	1,661	71	120
OKLA	1,049	799	1,312	1,033	129	79
OREG	1,003	1,118	1,010	1,100	98	109
PA	1,704	2,406	2,450	2,150	89	88
S DAK	719	790	747	797	101	107
TENN	977	1,368	675	1,005	73	149
UTAH	414	344	371	278	81	75
VT	256	149	77	391	262	508
WASH	2,329	2,656	2,399	2,443	92	102
WIS	15,914	17,631	15,750	16,250	92	103
OTH STS	3,433	4,602	3,659	3,174	69	87
U S	64,046	75,033	64,151	64,543	86	101

AMERICAN CHEESE: PRODUCTION BY STATES, SEPTEMBER 1978

STATE	SEP	SEP	AUG	SEP	PERCENT OF	
	1976	1977	1978	1978	SEP	AUG
1,000 POUNDS					PERCENT	
					1977	1978
IDAHO	5,752	5,390	5,952	6,234	116	105
ILL	764	999	729	674	67	92
IND	2,246	2,335	2,388	2,091	90	88
IOWA	8,267	6,715	7,210	5,923	88	82
KANS	1,767	1,189	1,976	1,318	111	67
KY	3,827	4,049	4,054	3,340	82	82
MICH	1,673	1,620	1,900	1,950	120	103
MINN	27,586	20,350	27,155	25,015	123	92
MO	4,071	3,310	4,697	3,330	101	71
NEBR	2,591	2,147	2,750	2,200	102	80
N Y	5,697	5,311	6,830	6,440	121	94
N DAK	3,538	3,785	4,657	3,787	100	81
S DAK	3,283	3,138	3,418	3,157	101	92
TENN	1,740	1,352	1,844	1,355	100	73
UTAH	3,167	2,814	3,423	3,111	111	91
VT	1,386	1,391	2,061	1,634	117	79
WIS	63,716	62,882	71,600	64,700	103	90
OTH STS	13,385	12,669	14,812	12,972	102	88
U S	154,456	141,446	167,456	149,231	106	89

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, SEPTEMBER 1978

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	SEP 1977	SEP 1978	OCT 1, 1976 THROUGH SEP 30, 1977	OCT 1, 1977 THROUGH SEP 30, 1978	SEP 30 1977	SEP 30 1978 1/
1,000 POUNDS						
BUTTER	0	0	248,363	147,075	162,245	204,096
CHEESE	2,891	0	173,427	46,478	69,682	30,579
NONFAT DRY MILK	36,773	7,659	491,013	338,459	633,897	585,092

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 37,650,000 POUNDS; PROCESSED CHEESE, 30,579,000 AND FORTIFIED NONFAT DRY MILK, 38,753,000 POUNDS.

ICE CREAM: PRODUCTION BY STATES, SEPTEMBER 1978

STATE	SEP 1976	SEP 1977	AUG 1978	SEP 1978	PERCENT OF	
	1,000 GALLONS				SEP 1977	AUG 1978
					PERCENT	
ALA	1,177	1,070	1,144	856	80	75
ARIZ	642	654	565	546	83	97
CALIF	7,503	7,509	9,300	6,900	92	74
COLO	754	781	969	659	84	68
CONN	1,504	1,017	2,010	1,400	138	70
FLA	2,714	2,671	2,650	2,684	100	101
GA	530	450	574	442	98	77
ILL	4,211	3,735	3,910	4,020	108	103
IND	2,477	2,453	2,701	2,674	109	99
IOWA	1,105	864	1,150	920	106	80
KANS	670	666	551	509	76	92
KY	418	441	630	458	104	73
LA	979	1,026	825	810	79	98
MD 1/	1,826	1,714	2,140	2,040	119	95
MASS	4,072	4,194	4,650	3,560	85	77
MICH	3,069	2,916	3,600	3,300	113	92
MINN	2,679	2,511	3,380	2,875	114	85
MO	1,710	1,705	2,000	1,800	106	90
NEBR	879	858	1,200	950	111	79
N J	1,234	925	1,300	700	76	54
N Y	6,076	5,254	6,515	6,300	120	97
N C	2,487	2,543	2,800	2,550	100	91
OHIO	4,603	4,462	4,920	4,200	94	85
OKLA	720	762	885	687	90	78
OREG	593	613	780	570	93	73
PA	6,352	6,423	7,450	6,740	105	90
S C	971	1,011	1,517	1,370	136	90
TENN	1,542	1,589	2,134	1,634	103	76
TEX	3,273	3,382	3,955	3,408	101	86
UTAH	541	590	796	621	105	78
VA	755	787	820	720	91	88
WASH	1,462	1,454	1,194	1,228	84	103
WIS	1,623	1,591	1,850	1,900	119	103
OTH STS	3,036	3,029	3,616	3,028	100	84
U S	74,187	71,650	84,481	73,059	102	86

1/ INCLUDES DISTRICT OF COLUMBIA.

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

REGION	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	SEP 1977	AUG 1978	SEP 1978	SEP 1977	AUG 1978	SEP 1978	SEP 1977	AUG 1978	SEP 1978
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.58	8.98	9.34	3.57	3.55	3.60	2.40	2.53	2.59
S ATL & CENTRAL	8.44	9.07	9.51	3.66	3.52	3.62	2.31	2.58	2.63
WEST	8.71	9.33	9.53	3.37	3.34	3.45	2.58	2.79	2.76
U S	8.53	9.08	9.44	3.58	3.50	3.58	2.38	2.59	2.64

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, SEPTEMBER 1978

PRODUCT	SEP	SEP	AUG	SEP	PERCENT OF	
	1976	1977	1978	1978	SEP 1977	AUG 1978
MANUFACTURERS' SHIPMENTS ^{1/} 1,000 POUNDS						
					PERCENT	
DRY WHOLE MILK	4,237	4,522	4,799	5,729	127	119
NONFAT DRY MILK FOR HUMAN FOOD	62,980	93,087	88,694	51,787	56	58
DRY SKIM MILK FOR ANIMAL FEED	437	902	691	661	73	96
DRY BUTTERMILK FOR HUMAN FOOD	1,596	3,333	3,117	2,212	66	71
DRY BUTTERMILK, TOTAL	1,726	3,518	3,185	2,300	65	72
MANUFACTURERS' STOCKS, END-OF-MONTH ^{2/} 1,000 POUNDS						
					PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	135,153	148,612	134,380	135,972	91	101
DRY WHOLE MILK	10,989	6,304	9,307	7,398	117	79
NONFAT DRY MILK FOR HUMAN FOOD	107,876	81,718	74,913	64,066	78	86
DRY SKIM MILK FOR ANIMAL FEED	2,953	2,472	1,431	1,193	48	83
DRY BUTTERMILK, TOTAL	6,220	3,709	2,420	1,843	50	76
MANUFACTURERS' SELLING PRICES ^{3/} CENTS PER POUND						
					CHANGE - CENTS	
DRY WHOLE MILK	80.29	82.69	90.66	92.61	+9.92	+1.95
NONFAT DRY MILK FOR HUMAN FOOD	63.94	67.89	71.47	72.46	+4.57	+0.99
DRY SKIM MILK FOR ANIMAL FEED	36.47	35.73	34.07	34.68	-1.05	+0.61
DRY BUTTERMILK FOR HUMAN FOOD	61.11	59.09	67.53	68.97	+9.88	+1.44
DRY BUTTERMILK FOR ANIMAL FEED	35.77	32.05	33.23	28.81	-3.24	-4.42

^{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, SEPTEMBER 1978

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	SEP 1977	AUG 1978	SEP 1978	SEP 1977	AUG 1978	SEP 1978	SEP 1977	AUG 1978	SEP 1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR:									
BUTTER AND BY-PRODUCTS	8.78	9.51	9.83	3.62	3.52	3.58	2.43	2.70	2.75
AMERICAN CHEESE	8.88	9.65	10.01	3.66	3.58	3.65	2.43	2.70	2.74
MISC CHEESE:									
SWISS	8.95	9.84	10.15	3.60	3.49	3.60	2.49	2.82	2.82
BRICK & MUNSTER	9.06	9.85	10.16	3.66	3.56	3.65	2.48	2.77	2.78
ITALIAN	8.99	9.85	10.14	3.70	3.58	3.65	2.43	2.75	2.78
ALL OTHER	8.83	9.70	10.05	3.71	3.62	3.68	2.38	2.68	2.73
ALL MISC CHEESE	8.97	9.83	10.14	3.67	3.56	3.64	2.44	2.76	2.79
ALL CHEESE	8.91	9.70	10.05	3.66	3.57	3.65	2.43	2.72	2.75

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 1978

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	SEP 1977	AUG 1978	SEP 1978	SEP 1977	AUG 1978	SEP 1978	SEP 1977	AUG 1978	SEP 1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR BUTTER AND BY-PRODUCTS									
CALIF	8.92	9.55	9.60	3.86	3.81	3.86	2.31	2.51	2.49
IOWA	8.82	9.50	10.02	3.58	3.48	3.58	2.46	2.73	2.80
MINN	8.70	9.40	9.75	3.55	3.45	3.51	2.45	2.72	2.78
S DAK	8.69	9.56	9.76	3.51	3.40	3.59	2.48	2.81	2.72
WIS	9.06	9.95	9.86	3.77	3.64	3.46	2.40	2.73	2.85
U S	8.78	9.51	10.18	3.62	3.52	3.67	2.43	2.70	2.77
MILK FOR AMERICAN CHEESE									
IDAHO	8.87	9.60	10.00	3.51	3.38	3.50	2.53	2.84	2.86
IOWA	8.74	9.48	9.91	3.59	3.51	3.60	2.43	2.70	2.75
KANS	8.55	9.22	9.50	3.58	3.42	3.50	2.39	2.70	2.71
KY	8.25	8.74	9.32	3.69	3.51	3.68	2.24	2.49	2.53
MINN	8.78	9.51	9.88	3.57	3.51	3.57	2.46	2.71	2.77
MO	8.60	9.15	9.40	3.63	3.51	3.59	2.37	2.61	2.62
NEBR	8.50	9.40	9.79	3.51	3.44	3.53	2.42	2.73	2.77
N DAK	8.55	9.20	9.60	3.65	3.51	3.61	2.34	2.62	2.66
S DAK	8.76	9.43	9.82	3.61	3.50	3.57	2.43	2.69	2.75
TENN	7.89	8.80	9.05	3.87	3.72	3.80	2.04	2.37	2.38
WIS	9.12	9.97	10.28	3.75	3.67	3.74	2.43	2.72	2.75
U S	8.88	9.65	10.01	3.66	3.58	3.65	2.43	2.70	2.74

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

