

DAIRY PRODUCTS

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of Agriculture

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JUNE HIGHLIGHTS

Butter production was 84.7 million pounds in June, 12 percent less than May and 9 percent less than June 1977.

American type cheese totaled 209 million pounds, 1 percent above the previous month and 4 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 333 million pounds, up 1 percent from the previous month and 5 percent from the previous year.

Creamed cottage cheese, 77.5 million pounds, unchanged from a year ago.

Lowfat cottage cheese, 13.5 million pounds, 9 percent more than a year earlier.

Canned evaporated and condensed whole milk, 78.8 million pounds, down 4 percent from June 1977.

Frozen desserts: (Comparisons with June 1977)

Ice cream--85.5 million gallons, up 3 percent.

Ice milk--34.6 million gallons, up 2 percent.

Sherbet--5.92 million gallons, unchanged.

Dry Milk Products: (Comparisons with June 1977)

Nonfat dry milk for human food--113 million pounds, down 13 percent.

Dry whole milk--6.86 million pounds, up 9 percent.

Dry buttermilk--4.10 million pounds, down 8 percent.

JUNE MANUFACTURING GRADE MILK PRICES DECLINE SEASONALLY

Butter-powder, \$9.10, down 9 cents from May, but 62 cents above June 1977.

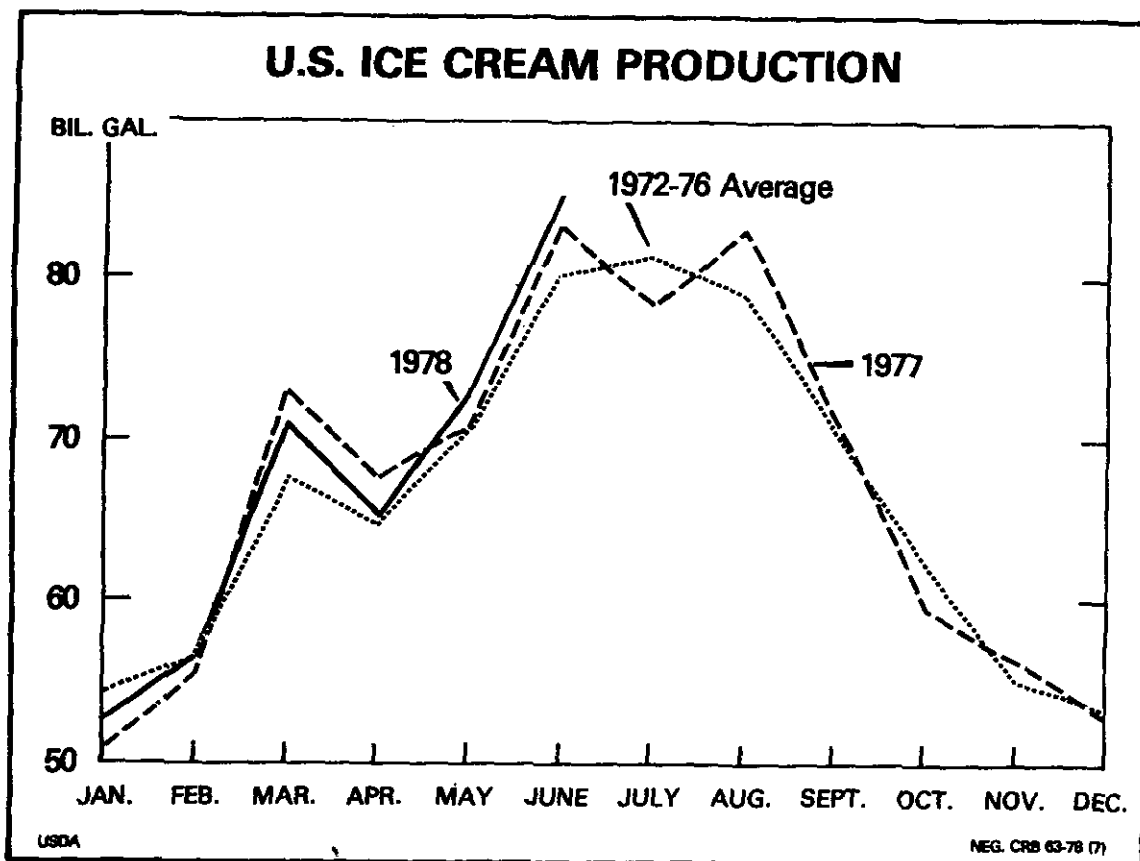
American cheese, \$9.31, a decrease of 1 cent from the previous month but 73 cents above the previous year..

Miscellaneous cheese, \$9.46, down 3 cents from May, but 73 cents higher than June 1977.

Evaporated milk (canned), \$8.90, 1 cent above last month, and 57 cents above the previous year.

IN THIS ISSUE

Revised prices and fat tests for manufacturing grade milk by utilization, monthly and annual averages for 1977.



U. S. - TOTAL ICE CREAM PRODUCTION

MONTH	AVERAGE 1972-76	1977	1978
1,000 POUNDS			
JAN	54,237	50,928	52,459
FEB	56,079	55,510	56,472
MAR	67,636	73,140	70,735
APR	64,870	67,751	65,320
MAY	70,709	70,742	72,991
JUN	80,260	83,324	85,493
JUL	80,754	78,767	
AUG	79,169	83,081	
SEP	70,884	71,650	
OCT	62,423	59,629	
NOV	55,225	56,306	
DEC	53,392	53,304	

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, JUNE 1978

PRODUCT	JUN	JUN	MAY	JUN	PERCENT OF	
	1976	1977	1978	1978	JUN	MAY
1,000 POUNDS					PERCENT	
BUTTER	83,937	93,019	96,727	84,664	91	88
CHEESE:						
AMERICAN TYPES <u>1/</u>	208,235	201,285	208,207	209,299	104	101
SWISS	20,294	19,360	19,376	20,110	104	104
BRICK AND MUNSTER	6,511	5,913	5,588	6,162	104	110
CREAM AND NEUFCHATEL	13,629	14,954	13,379	16,108	108	120
BLUE	2,792	2,912	3,164	3,354	115	106
MOZZARELLA	45,251	45,845	51,134	49,937	109	98
OTHER ITALIAN TYPES	20,961	21,779	23,515	23,809	109	101
TOTAL ITALIAN TYPES	66,212	67,624	74,649	73,746	109	99
ALL OTHER TYPES <u>2/</u>	4,633	3,853	4,304	4,134	107	96
TOTAL	322,306	315,901	328,667	332,913	105	101
COTTAGE CHEESE, CURD <u>3/</u>	62,997	62,209	64,830	61,762	99	95
COTTAGE CHEESE, CREAMED <u>4/</u>	78,235	77,347	81,112	77,505	100	96
COTTAGE CHEESE, LOWFAT <u>5/</u>	12,240	12,393	13,685	13,467	109	98
CANNED EVAPORATED AND CONDENSED WHOLE MILK	96,417	81,892	82,430	78,821	96	96
DRY WHOLE MILK	8,008	6,307	7,985	6,856	109	86
NONFAT DRY MILK FOR HUMAN FOOD	108,078	130,224	103,001	113,472	87	110
DRY SKIM MILK FOR ANIMAL FEED	686	1,008	713	715	71	100
DRY BUTTERMILK	3,953	4,435	4,618	4,098	92	89
1,000 GALLONS					PERCENT	
ICE CREAM	83,783	83,324	72,991	85,493	103	117
ICE MILK	32,436	33,909	30,524	34,603	102	113
SHERBET	5,966	5,928	4,706	5,923	100	126
MELLORINE-TYPE FROZEN DESSERTS <u>6/</u>	2,463	2,079	1,826	2,056	99	113

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, JUNE 1978

PRODUCT	JUN	MAY	JUN	PERCENT OF	
	1977	1978 ^{1/}	1978	JUN	MAY
	PRODUCTION			PERCENT	
	1,000 POUNDS				
CONDENSED WHEY, SOLIDS CONTENT ^{2/}					
SWEET-TYPE, HUMAN FOOD	10,373	9,949	10,846	105	109
SWEET-TYPE, ANIMAL FEED	1,236	2,223	2,671	216	120
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	1,175	1,075	973	83	91
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	42,299	50,668	47,422	112	94
DRY WHEY, ANIMAL FEED	17,603	21,094	19,179	109	91
PARTIALLY DELACTOSED					
HUMAN FOOD	2,044	2,752	2,918	143	106
ANIMAL FEED	10,160	11,822	11,453	113	97
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,386	2,602	2,748	115	106
ANIMAL FEED	^{3/}	^{3/}	^{3/}		
PARTIALLY DELACTOSED/DEMINERALIZED					
HUMAN FOOD	437	854	861	197	101
ANIMAL FEED	^{4/}	^{4/}	^{4/}		
LACTOSE, HUMAN FOOD	8,886	10,698	10,673	120	100
LACTOSE, ANIMAL FEED	860	470	577	67	123
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	1,958	2,940	3,287	168	112
ANIMAL FEED	3,134	4,799	4,573	146	95
	MANUFACTURERS' STOCKS, END-OF-MONTH ^{5/}			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD ^{6/}	29,775	42,219	36,733	123	87
ANIMAL FEED ^{6/}	18,702	23,808	22,152	118	93
PARTIALLY DEMINERALIZED HUMAN FOOD	1,457	1,648	1,496	103	91
PARTIALLY DELACTOSED/DEMINERALIZED					
HUMAN FOOD	1,934	788	1,020	53	129
ANIMAL FEED	^{4/}	^{4/}	^{4/}		
LACTOSE, HUMAN FOOD	7,449	7,515	8,082	108	108
LACTOSE, ANIMAL FEED	1,965	^{4/}	^{4/}		
	MANUFACTURERS' SELLING PRICE ^{7/}			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS ^{2/}					
SWEET-TYPE, HUMAN FOOD	5.5	6.8	6.6	+1.1	-.2
SWEET-TYPE, ANIMAL FEED	2.2	1.3	1.5	-.7	+2
ACID-TYPE, HUMAN FOOD	^{4/}	^{3/}	^{3/}		
ACID-TYPE, ANIMAL FEED	^{4/}	^{4/}	^{4/}		
DRY WHEY, HUMAN FOOD	9.1	12.0	12.2	+3.1	+2
DRY WHEY, ANIMAL FEED	6.8	10.1	10.3	+3.5	+2

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. 8/ REVISED 1977 DATA BASED ON MORE COMPLETE INFORMATION.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1976-78

MONTH	BY MONTH				CUMULATIVE			
	1976	1977	1978	AS % OF	1976	1977	1978	AS % OF
	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			601,343	677,195		
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			1,253,059	1,294,243		
AUG	176,861	164,904			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			526,361	524,599		
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	877,645		
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			82,356	82,823		
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
<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			492,976	480,162		
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		
<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			177,491	181,353		
AUG	31,470	32,502			208,961	213,855		
SEP	35,242	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		
<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			31,274	30,669		
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		
<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			14,952	11,810		
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			513,576	585,836		
JUL	96,278	123,236			609,854	709,072		
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, JUNE 1978

STATE	JUN 1976	JUN 1977	MAY 1978	JUN 1978	PERCENT OF	
	1,000 POUNDS				JUN 1977	MAY 1978
					PERCENT	
CALIF	12,762	13,487	11,800	10,700	79	91
IDAHO	619	1,050	308	816	78	265
ILL	984	781	315	340	44	108
IND	2,717	1,005	1,274	1,135	113	89
IOWA	4,170	4,642	4,110	3,900	84	95
KANS	1,354	1,356	1,146	1,136	84	99
KY	1,207	911	1,185	875	96	74
MICH	2,333	3,358	3,300	3,000	89	91
MINN	16,727	18,871	17,565	16,145	86	92
MO	1,711	1,567	1,910	1,445	92	76
NEBR	1,289	1,299	1,209	1,016	78	84
N Y	2,938	4,270	3,920	3,500	82	89
N DAK	660	730	603	645	88	107
OHIO	1,266	3,376	3,105	2,600	77	84
OKLA	1,194	1,068	1,857	1,105	103	60
OREG	1,072	1,065	1,350	1,300	122	96
PA	1,809	2,754	3,680	3,200	116	87
S DAK	930	976	1,011	935	96	92
TENN	1,302	743	1,787	818	110	46
UTAH	381	486	484	378	78	78
VT	317	525	570	577	110	101
WASH	2,828	2,812	2,634	2,763	98	105
WIS	19,558	21,172	25,750	22,200	105	86
OTH STS	3,809	4,715	5,854	4,135	88	71
U S	83,937	93,019	96,727	84,664	91	88

AMERICAN CHEESE: PRODUCTION BY STATES, JUNE 1978

STATE	JUN 1976	JUN 1977	MAY 1978	JUN 1978	PERCENT OF	
					JUN 1977	MAY 1978
1,000 POUNDS					PERCENT	
IDAHO	7,202	5,747	6,335	6,619	115	104
ILL	1,455	1,077	600	464	43	77
IND	2,796	2,865	2,863	2,652	93	93
IOWA	9,574	9,202	9,350	9,200	100	98
KANS	3,374	2,959	2,893	2,737	92	95
KY	5,528	5,246	5,017	4,768	91	95
MICH	1,758	1,625	2,100	2,400	148	114
MINN	34,196	30,472	35,995	35,245	116	98
MO	6,163	5,192	5,900	5,500	106	93
NEBR	3,098	3,079	3,450	3,900	127	113
N Y	8,650	8,959	8,750	8,450	94	97
N DAK	5,512	5,951	5,193	6,095	102	117
S DAK	4,091	4,147	4,123	4,083	98	99
TENN	2,528	2,169	2,477	1,986	92	80
UTAH	4,492	4,343	4,140	4,381	101	106
VT	2,340	1,877	2,146	2,463	131	115
WIS	83,868	86,269	85,600	86,700	100	101
OTH STS	21,610	20,106	21,255	21,656	108	102
U S	208,235	201,285	208,207	209,299	104	101

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES,
JUNE 1978

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	JUN 1977	JUN 1978	OCT 1, 1976 THROUGH JUN 30, 1977	OCT 1, 1977 THROUGH JUN 30, 1978	JUN 1977	JUN 1978
1,000 POUNDS						
BUTTER	35,057	20,595	219,162	147,058	159,776	1/ 246,867
CHEESE	23,167	13,575	129,750	27,213	52,377	1/ 55,349
NONFAT DRY MILK	78,224	53,999	324,801	265,654	524,320	1/ 597,529

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 66,286,000 POUNDS; PROCESSED CHEESE, 41,018,000 AND FORTIFIED NONFAT DRY MILK, 34,100,000 POUNDS.

ICE CREAM: PRODUCTION BY STATES, JUNE 1978

STATE	JUN 1976	JUN 1977	MAY 1978	JUN 1978	PERCENT OF	
	1,000 GALLONS				JUN 1977	MAY 1978
					PERCENT	
ALA	1,446	1,336	1,092	1,384	104	127
ARIZ	691	739	622	597	81	96
CALIF	8,414	8,216	8,300	9,350	114	113
COLO	800	924	600	937	101	156
CONN	1,611	1,585	1,460	1,690	107	116
FLA	2,926	2,920	2,550	2,930	100	115
GA	729	633	496	571	90	115
ILL	4,729	4,547	3,090	4,180	92	135
IND	2,763	2,786	2,656	3,230	116	122
IOWA	1,147	1,013	1,010	1,140	113	113
KANS	782	809	491	653	81	133
KY	507	570	565	570	100	101
LA	1,151	1,191	840	1,011	85	120
MD 1/	1,890	2,060	1,870	2,150	104	115
MASS	4,536	4,556	4,190	4,920	108	117
MICH	3,621	3,468	3,200	3,550	102	111
MINN	2,973	2,963	2,470	2,825	95	114
MO	1,900	2,016	1,392	2,025	100	145
NEBR	917	976	1,010	1,160	119	115
N J	1,395	1,219	1,200	1,215	100	101
N Y	6,720	7,094	5,719	7,015	99	123
N C	2,673	2,661	2,480	2,690	101	108
OHIO	4,844	4,675	4,141	4,930	105	119
OKLA	846	976	779	838	86	108
OREG	805	736	660	700	95	106
PA	7,592	7,051	6,265	6,675	95	107
S C	1,059	1,097	1,288	1,753	160	136
TENN	1,803	1,847	1,738	2,016	109	116
TEX	3,760	3,934	3,648	4,050	103	111
UTAH	669	674	624	690	102	111
VA	768	732	698	791	108	113
WASH	1,586	1,732	1,238	1,786	103	144
WIS	1,898	1,927	1,500	1,800	93	120
OTH STS	3,832	3,661	3,109	3,671	100	118
U S	83,783	83,324	72,991	85,493	103	117

1/ INCLUDES DISTRICT OF COLUMBIA.

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

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUN 1977	MAY 1978	JUN 1978	JUN 1977	MAY 1978	JUN 1978	JUN 1977	MAY 1978	JUN 1978
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.31	8.68	8.75	3.43	3.53	3.52	2.42	2.46	2.49
S ATL & CENTRAL	8.22	9.00	8.99	3.49	3.52	3.49	2.36	2.56	2.58
WEST	8.71	9.11	9.07	3.30	3.43	3.31	2.64	2.66	2.74
U S	8.33	8.89	8.90	3.44	3.51	3.47	2.42	2.53	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, JUNE 1978

PRODUCT	JUN	JUN	MAY	JUN	PERCENT OF	
	1976	1977	1978	1978	JUN	MAY
	1,000 POUNDS				PERCENT	
	MANUFACTURERS' SHIPMENTS ^{1/}					
DRY WHOLE MILK	6,511	4,947	5,286	4,702	95	89
NONFAT DRY MILK						
FOR HUMAN FOOD	80,167	108,939	82,891	98,095	90	118
DRY SKIM MILK						
FOR ANIMAL FEED	274	514	568	801	156	141
DRY BUTTERMILK						
FOR HUMAN FOOD	3,367	3,909	4,013	3,929	101	98
DRY BUTTERMILK						
TOTAL	3,393	3,978	4,123	4,064	102	99
	MANUFACTURERS' STOCKS, END-OF-MONTH ^{2/}					
	1,000 POUNDS				PERCENT	
CANNED EVAPORATED						
AND CONDENSED						
WHOLE MILK	125,408	127,686	79,428	101,401	79	128
NONFAT DRY MILK	10,809	9,926	8,414	9,494	96	113
FOR HUMAN FOOD	127,925	128,712	86,790	94,675	74	109
FOR ANIMAL FEED	2,532	2,817	1,812	1,637	58	90
TOTAL	6,585	7,597	4,610	4,156	55	90
	MANUFACTURERS' SELLING PRICES ^{3/}					
	CENTS PER POUND				CHANGE CENTS	
DRY WHOLE MILK	78.06	80.73	86.60	87.06	+6.33	+4.46
NONFAT DRY MILK						
FOR HUMAN FOOD	62.81	68.06	71.10	71.02	+2.96	-.08
FOR ANIMAL FEED	32.28	32.21	33.08	32.85	+.64	-.23
DRY BUTTERMILK						
FOR HUMAN FOOD	61.42	54.73	64.23	65.38	+10.65	+1.15
FOR ANIMAL FEED	29.24	25.06	28.83	31.54	+6.48	+2.71

^{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, JUNE 1978

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUN 1977	MAY 1978	JUN 1978	JUN 1977	MAY 1978	JUN 1978	JUN 1977	MAY 1978	JUN 1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR:									
BUTTER AND BY-PRODUCTS	8.52	9.19	9.10	3.47	3.56	3.50	2.46	2.58	2.60
AMERICAN CHEESE	8.58	9.32	9.31	3.54	3.61	3.56	2.42	2.58	2.62
MISC CHEESE:									
SWISS	8.74	9.52	9.49	3.48	3.58	3.49	2.51	2.66	2.72
BRICK & MUNSTER	8.64	9.52	9.46	3.52	3.68	3.59	2.45	2.59	2.64
ITALIAN	8.76	9.48	9.46	3.57	3.66	3.60	2.45	2.59	2.63
ALL OTHER	8.67	9.42	9.42	3.60	3.68	3.62	2.41	2.56	2.60
ALL MISC CHEESE	8.73	9.49	9.46	3.54	3.64	3.57	2.47	2.61	2.65
ALL CHEESE	8.62	9.37	9.35	3.54	3.62	3.56	2.44	2.59	2.63

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, JUNE 1978

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUN 1977	MAY 1978	JUN 1978	JUN 1977	MAY 1978	JUN 1978	JUN 1977	MAY 1978	JUN 1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR BUTTER AND BY-PRODUCTS									
CALIF	8.82	9.35	9.32	3.69	3.83	3.79	2.39	2.44	2.46
IOWA	8.52	9.37	9.20	3.45	3.59	3.48	2.47	2.61	2.64
MINN	8.42	9.07	9.00	3.42	3.47	3.43	2.46	2.61	2.62
S DAK	8.40	9.06	8.75	3.31	3.43	3.30	2.54	2.64	2.65
WIS	8.79	9.55	9.45	3.64	3.74	3.67	2.41	2.55	2.58
U S	8.52	9.19	9.10	3.47	3.56	3.50	2.46	2.58	2.60
MILK FOR AMERICAN CHEESE									
IDAHO	8.54	9.30	9.30	3.37	3.44	3.37	2.53	2.70	2.76
IOWA	8.48	9.37	9.25	3.49	3.59	3.53	2.43	2.61	2.62
KANS	8.45	9.03	8.97	3.43	3.51	3.44	2.46	2.57	2.61
KY	7.85	8.55	8.55	3.47	3.49	3.50	2.26	2.45	2.44
MINN	8.55	9.26	9.24	3.48	3.53	3.49	2.46	2.62	2.65
MO	8.35	8.80	8.90	3.45	3.55	3.50	2.42	2.48	2.54
NEBR	8.23	9.00	8.91	3.35	3.53	3.44	2.46	2.55	2.59
N DAK	8.15	8.75	8.90	3.39	3.43	3.40	2.40	2.55	2.62
S DAK	8.45	8.91	8.95	3.43	3.46	3.42	2.48	2.58	2.62
TENN	7.78	8.50	8.55	3.65	3.67	3.69	2.13	2.32	2.32
WIS	8.78	9.60	9.55	3.65	3.73	3.67	2.41	2.57	2.60
U S	8.58	9.32	9.31	3.54	3.61	3.56	2.42	2.58	2.62

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 SPECIFIED USES, UNITED STATES, 1977 1/

PRIMARY USE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	WTD ANN AVER
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
BUTTER AND BY-PRODUCTS	8.26	8.18	8.24	8.57	8.56	8.52	8.50	8.57	8.78	8.95	8.98	9.05	8.58
AMERICAN CHEESE	8.45	8.40	8.48	8.71	8.66	8.58	8.60	8.68	8.88	9.07	9.14	9.21	8.73
MISC CHEESE													
SWISS	8.99	8.93	8.89	8.92	8.85	8.74	8.63	8.74	8.95	9.22	9.35	9.51	8.95
BRICK & MUNSTER	8.70	8.60	8.68	8.86	8.73	8.64	8.60	8.79	9.06	9.33	9.47	9.53	8.90
ITALIAN	8.61	8.53	8.61	8.84	8.81	8.76	8.71	8.80	8.99	9.16	9.23	9.29	8.85
ALL OTHER	8.65	8.54	8.59	8.74	8.76	8.67	8.61	8.65	8.83	9.03	9.12	9.19	8.77
ALL MISC CHEESE	8.71	8.63	8.68	8.85	8.81	8.73	8.67	8.77	8.97	9.18	9.28	9.36	8.87
TOTAL CHEESE	8.52	8.46	8.53	8.75	8.70	8.62	8.62	8.71	8.91	9.10	9.18	9.25	8.77
MILKFAT TEST, PERCENT													
BUTTER AND BY-PRODUCTS	3.71	3.65	3.61	3.56	3.50	3.47	3.46	3.49	3.62	3.73	3.74	3.74	3.60
AMERICAN CHEESE	3.77	3.72	3.67	3.62	3.57	3.54	3.52	3.55	3.66	3.78	3.79	3.79	3.66
MISC CHEESE													
SWISS	3.85	3.78	3.70	3.64	3.56	3.48	3.45	3.49	3.60	3.74	3.80	3.87	3.65
BRICK & MUNSTER	3.81	3.76	3.72	3.67	3.58	3.52	3.47	3.54	3.66	3.82	3.83	3.83	3.67
ITALIAN	3.81	3.76	3.70	3.67	3.61	3.57	3.53	3.58	3.70	3.81	3.81	3.82	3.69
ALL OTHER	3.83	3.78	3.74	3.68	3.65	3.60	3.54	3.59	3.71	3.86	3.85	3.82	3.72
ALL MISC CHEESE	3.82	3.77	3.71	3.66	3.60	3.54	3.51	3.55	3.67	3.80	3.81	3.83	3.68
TOTAL CHEESE	3.78	3.73	3.68	3.63	3.58	3.54	3.52	3.55	3.66	3.79	3.80	3.80	3.67
PRICE PER POUND OF MILKFAT, DOLLARS													
BUTTER AND BY-PRODUCTS	2.23	2.24	2.28	2.41	2.45	2.46	2.46	2.46	2.43	2.40	2.40	2.42	2.38
AMERICAN CHEESE	2.24	2.26	2.31	2.41	2.43	2.42	2.44	2.45	2.43	2.40	2.41	2.43	2.39
MISC CHEESE													
SWISS	2.33	2.36	2.40	2.45	2.49	2.51	2.50	2.50	2.49	2.47	2.46	2.46	2.45
BRICK & MUNSTER	2.28	2.29	2.33	2.41	2.44	2.45	2.48	2.49	2.48	2.44	2.47	2.49	2.43
ITALIAN	2.26	2.27	2.33	2.41	2.44	2.45	2.47	2.46	2.43	2.40	2.42	2.43	2.40
ALL OTHER	2.26	2.26	2.30	2.38	2.40	2.41	2.43	2.41	2.38	2.34	2.37	2.41	2.36
ALL MISC CHEESE	2.28	2.29	2.34	2.42	2.45	2.47	2.47	2.47	2.44	2.42	2.44	2.44	2.41
TOTAL CHEESE	2.25	2.27	2.32	2.41	2.43	2.44	2.45	2.45	2.43	2.40	2.42	2.43	2.39

1/ REVISED. 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, BY STATES, 1977 ^{1/}

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	WTD ANN AVER
AVERAGE PRICE PER 100 LB. OF MILK, DOLLARS													
CALIF	8.32	8.12	8.08	8.69	8.89	8.82	8.71	8.67	8.92	9.03	9.15	9.21	8.73
IOWA	8.41	8.35	8.42	8.74	8.68	8.52	8.52	8.59	8.82	8.98	9.02	9.18	8.68
MINN	8.14	8.07	8.14	8.45	8.43	8.42	8.40	8.50	8.70	8.86	8.87	8.93	8.46
S DAK	8.39	8.24	8.31	8.60	8.43	8.40	8.40	8.47	8.69	8.86	8.94	9.09	8.55
WIS	8.61	8.55	8.67	8.92	8.83	8.79	8.76	8.82	9.06	9.25	9.26	9.30	8.89
U S	8.26	8.18	8.24	8.57	8.56	8.52	8.50	8.57	8.78	8.95	8.98	9.05	8.58
MILKFAT TEST, PERCENT													
CALIF	3.98	3.83	3.81	3.75	3.73	3.69	3.69	3.72	3.86	3.98	4.03	4.04	3.82
IOWA	3.81	3.73	3.66	3.62	3.53	3.45	3.44	3.44	3.58	3.68	3.77	3.82	3.62
MINN	3.61	3.57	3.53	3.48	3.43	3.42	3.41	3.44	3.55	3.66	3.64	3.64	3.52
S DAK	3.77	3.62	3.58	3.49	3.37	3.31	3.29	3.37	3.51	3.60	3.65	3.74	3.51
WIS	3.85	3.79	3.76	3.73	3.67	3.64	3.59	3.61	3.77	3.89	3.85	3.84	3.74
U S	3.71	3.65	3.61	3.56	3.50	3.47	3.46	3.49	3.62	3.73	3.74	3.74	3.60
PRICE PER POUND OF MILKFAT, DOLLARS													
CALIF	2.09	2.12	2.12	2.32	2.38	2.39	2.36	2.33	2.31	2.27	2.27	2.28	2.29
IOWA	2.21	2.24	2.30	2.41	2.46	2.47	2.48	2.50	2.46	2.44	2.39	2.40	2.40
MINN	2.25	2.26	2.31	2.43	2.46	2.46	2.46	2.47	2.45	2.42	2.44	2.45	2.40
S DAK	2.23	2.28	2.32	2.46	2.50	2.54	2.55	2.51	2.48	2.46	2.45	2.43	2.44
WIS	2.24	2.26	2.31	2.39	2.41	2.41	2.44	2.44	2.40	2.38	2.41	2.42	2.38
U S	2.23	2.24	2.28	2.41	2.45	2.46	2.46	2.46	2.43	2.40	2.40	2.42	2.38

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK
USED PRIMARILY FOR EVAPORATED MILK BY REGIONS, 1977 ^{1/}

REGION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	WTD ANN AVER
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
N CENTRAL	8.53	8.39	8.29	8.25	8.28	8.31	8.35	8.40	8.58	8.69	8.80	8.90	8.46
S ATL & CENTRAL	8.41	8.28	8.23	8.19	8.25	8.22	8.26	8.34	8.44	8.70	8.78	8.87	8.39
WEST	8.57	8.44	8.37	8.74	8.71	8.71	8.57	8.56	8.71	8.81	8.93	9.04	8.63
U S ^{2/}	8.47	8.34	8.27	8.31	8.33	8.33	8.34	8.39	8.53	8.71	8.81	8.91	8.45
MILKFAT TEST, PERCENT													
N CENTRAL	3.87	3.71	3.56	3.43	3.41	3.43	3.44	3.45	3.57	3.76	3.83	3.86	3.59
S ATL & CENTRAL	3.97	3.81	3.62	3.51	3.51	3.49	3.51	3.57	3.66	3.88	3.94	3.95	3.67
WEST	3.70	3.63	3.52	3.40	3.36	3.30	3.23	3.26	3.37	3.46	3.57	3.67	3.45
U S ^{2/}	3.87	3.73	3.58	3.47	3.45	3.44	3.44	3.47	3.58	3.75	3.81	3.85	3.60
PRICE PER POUND OF MILKFAT, DOLLARS													
N CENTRAL	2.20	2.26	2.33	2.41	2.43	2.42	2.43	2.43	2.40	2.31	2.30	2.31	2.36
S ATL & CENTRAL	2.12	2.17	2.27	2.33	2.35	2.36	2.35	2.34	2.31	2.24	2.23	2.25	2.29
WEST	2.32	2.33	2.38	2.57	2.59	2.64	2.65	2.63	2.58	2.55	2.50	2.46	2.50
U S ^{2/}	2.19	2.24	2.31	2.40	2.41	2.42	2.42	2.42	2.38	2.32	2.31	2.31	2.35

^{1/} REVISED. AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.
^{2/} INCLUDES DATA FOR SOME REGIONS NOT SHOWN SEPARATELY.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR
MILK USED PRIMARILY FOR AMERICAN CHEESE, BY STATES, 1977 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	WTD ANN AVER
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
IDAHO	8.84	8.74	8.70	8.70	8.70	8.54	8.70	8.80	8.87	9.07	9.11	9.26	8.83
IOWA	8.38	8.35	8.39	8.61	8.63	8.48	8.46	8.58	8.74	8.83	8.97	9.08	8.60
KANS	8.20	8.10	8.05	8.30	8.40	8.45	8.35	8.40	8.55	8.70	8.80	8.95	8.43
KY	8.00	7.90	8.00	7.95	7.85	7.85	7.90	8.00	8.25	8.50	8.65	8.80	8.12
MINN	8.22	8.17	8.24	8.58	8.57	8.55	8.57	8.63	8.78	8.95	9.00	9.04	8.60
MO	8.40	8.30	8.25	8.35	8.40	8.35	8.40	8.50	8.60	8.70	8.85	8.95	8.47
NEBR	8.32	8.23	8.20	8.46	8.28	8.23	8.30	8.31	8.50	8.70	8.86	8.99	8.42
N DAK	8.10	7.95	8.05	8.15	8.20	8.15	8.25	8.35	8.55	8.65	8.70	8.80	8.29
S DAK	8.50	8.33	8.42	8.59	8.48	8.45	8.49	8.62	8.76	8.95	8.99	9.07	8.64
TENN	7.85	7.90	7.82	7.86	7.81	7.78	7.82	7.83	7.89	8.14	8.27	8.30	7.91
WIS	8.66	8.63	8.75	8.99	8.90	8.78	8.78	8.86	9.12	9.31	9.39	9.45	8.96
U S	8.45	8.40	8.48	8.71	8.66	8.58	8.60	8.68	8.88	9.07	9.14	9.21	8.73
MILKFAT TEST, PERCENT													
IDAHO	3.82	3.75	3.68	3.57	3.46	3.37	3.35	3.40	3.51	3.62	3.72	3.77	3.57
IOWA	3.78	3.73	3.68	3.63	3.55	3.49	3.44	3.49	3.59	3.68	3.77	3.81	3.62
KANS	3.88	3.77	3.64	3.54	3.46	3.43	3.45	3.48	3.58	3.73	3.81	3.88	3.62
KY	3.98	3.90	3.70	3.58	3.47	3.47	3.50	3.55	3.69	3.88	4.00	4.04	3.68
MINN	3.65	3.60	3.57	3.53	3.49	3.48	3.47	3.49	3.57	3.69	3.69	3.68	3.58
MO	3.89	3.76	3.66	3.52	3.47	3.45	3.44	3.51	3.63	3.72	3.84	3.89	3.63
NEBR	3.81	3.75	3.68	3.56	3.39	3.35	3.40	3.43	3.51	3.68	3.77	3.84	3.58
N DAK	3.69	3.59	3.52	3.44	3.37	3.39	3.43	3.48	3.65	3.71	3.71	3.73	3.54
S DAK	3.82	3.71	3.65	3.56	3.48	3.43	3.40	3.48	3.61	3.70	3.75	3.79	3.60
TENN	4.03	3.95	3.79	3.74	3.65	3.65	3.71	3.77	3.87	4.08	4.16	4.08	3.84
WIS	3.83	3.79	3.75	3.73	3.69	3.65	3.60	3.63	3.75	3.87	3.86	3.85	3.74
U S	3.77	3.72	3.67	3.62	3.57	3.54	3.52	3.55	3.66	3.78	3.79	3.79	3.66
PRICE PER POUND OF MILKFAT, DOLLARS													
IDAHO	2.31	2.33	2.36	2.44	2.51	2.53	2.60	2.59	2.53	2.51	2.45	2.46	2.47
IOWA	2.22	2.24	2.28	2.37	2.43	2.43	2.46	2.46	2.43	2.40	2.38	2.38	2.38
KANS	2.11	2.15	2.21	2.34	2.43	2.46	2.42	2.41	2.39	2.33	2.31	2.31	2.33
KY	2.01	2.03	2.16	2.22	2.26	2.26	2.26	2.25	2.24	2.19	2.16	2.18	2.21
MINN	2.25	2.27	2.31	2.43	2.46	2.46	2.47	2.47	2.46	2.43	2.44	2.46	2.40
MO	2.16	2.21	2.25	2.37	2.42	2.42	2.44	2.42	2.37	2.34	2.30	2.30	2.33
NEBR	2.18	2.19	2.23	2.38	2.44	2.46	2.44	2.42	2.42	2.36	2.35	2.34	2.35
N DAK	2.20	2.21	2.29	2.37	2.43	2.40	2.41	2.40	2.34	2.33	2.35	2.35	2.34
S DAK	2.23	2.25	2.31	2.41	2.44	2.48	2.50	2.48	2.43	2.42	2.40	2.39	2.40
TENN	1.95	1.98	2.06	2.10	2.14	2.13	2.11	2.08	2.04	2.00	1.99	2.03	2.06
WIS	2.26	2.28	2.33	2.41	2.41	2.41	2.44	2.44	2.43	2.41	2.43	2.45	2.40
U S	2.24	2.26	2.31	2.41	2.43	2.42	2.44	2.45	2.43	2.40	2.41	2.43	2.39

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