

# DAIRY PRODUCTS



Economics, Statistics, &  
Cooperatives Service

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## JUNE HIGHLIGHTS

Butter production was 84.7 million pounds in June, 14 percent below May and 1 percent less than June 1978.

American type cheese totaled 211 million pounds, unchanged from last month but 1 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 345 million pounds, up 1 percent from the previous month and 4 percent above the previous year.

Creamed cottage cheese, 74.1 million pounds, down 4 percent from a year ago.

Lowfat cottage cheese, 13.5 million pounds, 1 percent less than a year earlier.

Canned evaporated and condensed whole milk, 80.2 million pounds, down 1 percent from June 1978.

Frozen desserts: (Comparisons with June 1978)

Ice cream -- 81.3 million gallons, down 5 percent.

Ice milk -- 32.8 million gallons, down 9 percent.

Sherbet -- 5.13 million gallons, down 15 percent.

Dry milk products: (Comparisons with June 1978)

Nonfat dry milk for human food -- 112 million pounds, down 2 percent.

Dry whole milk -- 7.62 million pounds, up 6 percent.

Dry buttermilk -- 4.58 million pounds, up 17 percent.

## MANUFACTURING GRADE MILK PRICES CONTINUE STEADY

Butter-powder, \$10.58, down 5 cents from May, but \$1.41 above June 1978.

American cheese, \$10.85, an increase of 1 cent from the previous month and \$1.56 above the previous year.

Miscellaneous cheese, \$11.02, unchanged from May, but \$1.56 higher than June 1978.

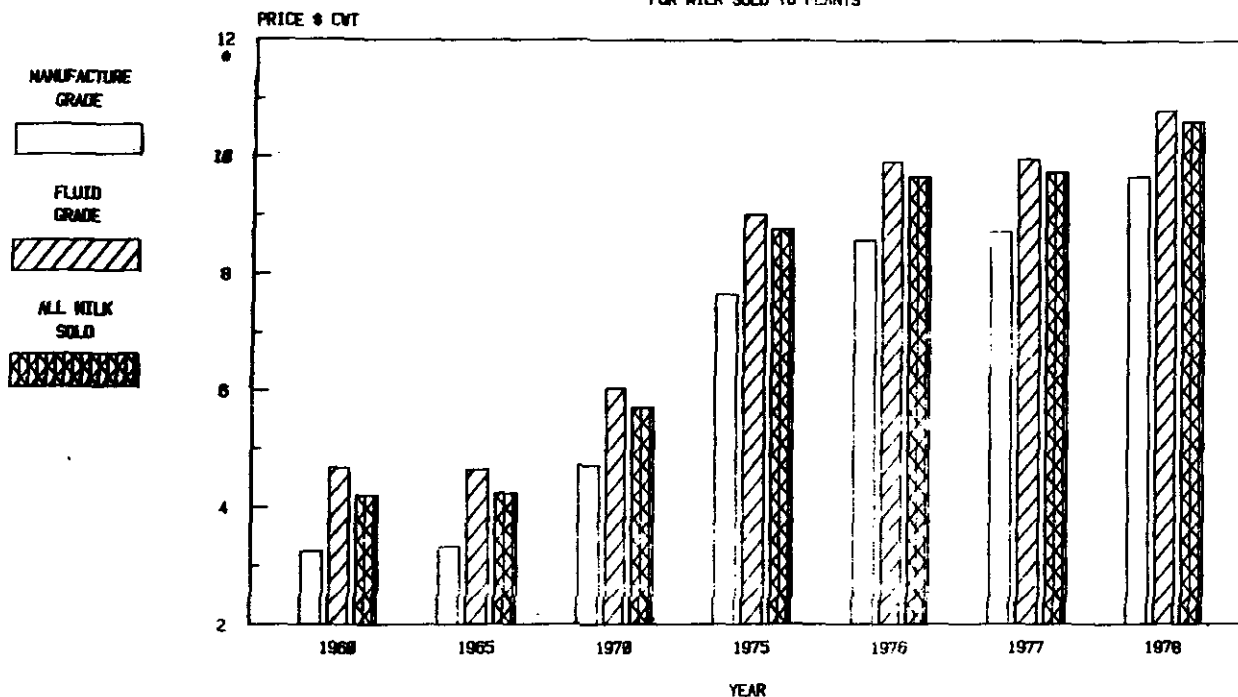
Evaporated milk (canned), \$10.33, 5 cents above last month, and \$1.48 above the previous year.

### IN THIS ISSUE

Revised prices and fat tests for manufacturing grade milk by utilization, monthly and annual averages for 1978.

## AVERAGE PRICE RECEIVED BY FARMERS

FOR MILK SOLD TO PLANTS



AVERAGE PRICES RECEIVED BY FARMERS FOR MILK SOLD TO PLANTS,  
SELECTED YEARS, 1960-78

YEAR	FLUID MILK	MANUFACTURING MILK	ALL MILK
DOLLARS PER CWT			
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
1978	10.80	9.65	10.60

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, JUNE 1979

PRODUCT	JUN	JUN	MAY	JUN	PERCENT OF	
	1977	1978	1979	1979	JUN	MAY
1,000 POUNDS					PERCENT	
BUTTER	93,019	85,139	98,594	84,707	99	86
CHEESE:						
AMERICAN TYPES <u>1/</u>	201,361	208,044	210,580	210,887	101	100
SWISS	19,360	20,295	20,526	20,999	103	102
BRICK AND MUNSTER	5,913	7,038	6,786	6,692	95	99
CREAM AND NEUFCHATEL	14,954	16,176	13,357	17,782	110	133
BLUE	2,912	3,231	2,947	3,038	94	103
MOZZARELLA	45,845	49,674	56,826	55,685	112	98
OTHER ITALIAN TYPES	21,779	23,363	24,344	25,336	108	104
TOTAL ITALIAN TYPES	67,624	73,037	81,170	81,021	111	100
ALL OTHER TYPES <u>2/</u>	3,850	4,117	4,298	4,246	103	99
TOTAL	315,974	331,938	339,664	344,665	104	101
COTTAGE CHEESE, CURD <u>3/</u>	60,381	59,680	60,507	57,506	96	95
COTTAGE CHEESE, CREAMED <u>4/</u>	77,385	77,173	76,997	74,070	96	96
COTTAGE CHEESE, LOWFAT <u>5/</u>	12,393	13,597	14,241	13,518	99	95
CANNED EVAPORATED AND CONDENSED WHOLE MILK	81,892	81,300	80,619	80,198	99	99
DRY WHOLE MILK	6,307	7,185	8,254	7,618	106	92
NONFAT DRY MILK						
FOR HUMAN FOOD	130,324	114,909	104,846	112,192	98	107
DRY SKIM MILK						
FOR ANIMAL FEED	1,008	627	550	701	112	127
DRY BUTTERMILK	4,435	3,917	4,536	4,584	117	101
1,000 GALLONS					PERCENT	
ICE CREAM	83,928	85,573	73,185	81,349	95	111
ICE MILK	35,424	35,963	30,831	32,792	91	106
SHERBET	5,900	6,017	4,573	5,128	85	112
MELLORINE-TYPE FROZEN DESSERTS <u>6/</u>	2,079	1,835	1,550	1,546	84	100

- 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 1979

PRODUCT	JUN 1978	MAY 1979 <sup>1/</sup>	JUN 1979	PERCENT OF	
				JUN 1978	MAY 1979
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	11,450	7,275	5,809	51	80
SWEET-TYPE, ANIMAL FEED	2,656	2,057	2,110	79	103
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	972	755	692	71	92
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	48,723	49,967	50,994	105	102
DRY WHEY, ANIMAL FEED	21,207	21,816	20,604	97	94
PARTIALLY DELACTOSED					
HUMAN FOOD	2,743	4,015	3,646	133	91
ANIMAL FEED	11,490	7,608	7,868	68	103
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,748	2,390	2,745	100	115
ANIMAL FEED	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	861	1,023	932	108	91
PARTIALLY DELACTOSED/DEMINERALIZED,					
ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
LACTOSE, HUMAN FOOD	10,836	8,312	9,817	91	118
LACTOSE, ANIMAL FEED	652	886	923	142	104
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	3,548	3,420	3,023	85	88
ANIMAL FEED	5,016	4,868	4,922	98	101
	MANUFACTURERS' STOCKS, END OF MONTH <sup>5/</sup>			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD <sup>6/</sup>	36,672	45,374	49,245	134	109
ANIMAL FEED <sup>6/</sup>	22,152	30,624	29,510	133	96
PARTIALLY DEMINERALIZED					
HUMAN FOOD	1,496	3,581	5,076	339	142
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	1,020	1,553	1,769	173	114
PARTIALLY DELACTOSED/DEMINERALIZED,					
ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
LACTOSE, HUMAN FOOD	8,082	9,313	9,452	117	101
LACTOSE, ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>		
	MANUFACTURERS' SELLING PRICE <sup>7/</sup>			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	6.6	6.2	6.6	0.0	+0.4
SWEET-TYPE, ANIMAL FEED	1.5	2.2	<u>4/</u>		
ACID-TYPE, HUMAN FOOD	<u>3/</u>	<u>3/</u>	<u>3/</u>		
ACID-TYPE, ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>		
DRY WHEY, HUMAN FOOD	12.2	10.4	9.6	-2.6	-0.8
DRY WHEY, ANIMAL FEED	10.3	8.3	8.3	-2.0	0.0

<sup>1/</sup> REVISED.

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

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

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

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

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

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

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1977-79

MONTH	BY MONTHS				CUMULATIVE			
	1977	1978	1979	1979 AS % OF 1978	1977	1978	1979	1979 AS % OF 1978
	1,000 POUNDS			PERCENT	1,000 POUNDS			PERCENT
<b>BUTTER</b>								
JAN	105,455	107,399	97,399	91	105,455	107,399	97,399	91
FEB	95,431	95,469	86,642	91	200,886	202,868	184,041	91
MAR	98,402	98,216	89,333	91	299,288	301,084	273,374	91
APR	99,946	97,192	92,360	95	399,234	398,276	365,734	92
MAY	103,180	97,559	98,594	101	502,414	495,835	464,328	94
JUN	93,019	85,139	84,707	99	595,433	580,974	549,035	95
JUL	81,762	71,440			677,195	652,414		
AUG	77,803	63,170			754,998	715,584		
SEP	75,033	64,001			830,031	779,585		
OCT	84,547	70,576			914,578	850,161		
NOV	81,528	66,470			996,106	916,631		
DEC	89,489	77,659			1,085,595	994,290		
<b>AMERICAN CHEESE</b>								
JAN	168,720	161,058	173,819	108	168,720	161,058	173,819	108
FEB	159,125	154,206	165,972	108	327,845	315,264	339,791	108
MAR	183,500	182,568	185,312	102	511,345	497,832	525,103	105
APR	194,440	189,622	192,021	101	705,785	687,454	717,124	104
MAY	212,116	208,719	210,580	101	917,901	896,173	927,704	104
JUN	201,361	208,044	210,887	101	1,119,262	1,104,217	1,138,591	103
JUL	175,297	179,558			1,294,559	1,283,775		
AUG	164,981	165,620			1,459,540	1,449,395		
SEP	141,517	146,376			1,601,057	1,595,771		
OCT	146,319	156,727			1,747,376	1,752,498		
NOV	135,478	151,431			1,882,854	1,903,929		
DEC	160,209	170,273			2,043,063	2,074,202		
<b>CREAMED COTTAGE CHEESE</b>								
JAN	68,445	68,377	69,040	101	68,445	68,377	69,040	101
FEB	68,921	69,701	65,491	94	137,366	138,078	134,531	97
MAR	81,555	79,271	79,912	101	218,921	217,349	214,443	99
APR	75,729	74,209	72,372	98	294,650	291,558	286,815	98
MAY	78,441	80,276	76,997	96	373,091	371,834	363,812	98
JUN	77,385	77,173	74,070	96	450,476	449,007	437,882	98
JUL	74,341	73,737			524,817	522,744		
AUG	77,248	76,795			602,065	599,539		
SEP	73,667	72,399			675,732	671,938		
OCT	69,443	72,003			745,175	743,941		
NOV	69,518	67,802			814,693	811,743		
DEC	63,285	60,551			877,978	872,294		
<b>LOWFAT COTTAGE CHEESE</b>								
JAN	10,945	12,100	11,830	98	10,945	12,100	11,830	98
FEB	10,711	11,544	12,235	106	21,656	23,644	24,065	102
MAR	13,086	14,174	14,883	105	34,742	37,818	38,948	103
APR	12,185	12,944	13,164	102	46,927	50,762	52,112	103
MAY	12,232	14,442	14,241	99	59,159	65,204	66,353	102
JUN	12,393	13,597	13,518	99	71,552	78,801	79,871	101
JUL	11,271	12,310			82,823	91,111		
AUG	12,231	13,234			95,054	104,345		
SEP	11,403	12,773			106,457	117,118		
OCT	11,367	12,320			117,824	129,438		
NOV	10,961	11,426			128,785	140,864		
DEC	10,222	10,510			139,007	151,374		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1977-79

MONTH	BY MONTHS				CUMULATIVE			
	1977	1978	1979	1979 AS % OF 1978	1977	1978	1979	1979 AS % OF 1978
	1,000 GALLONS			PERCENT	1,000 GALLONS			PERCENT
<u>ICE CREAM</u>								
JAN	51,372	52,831	55,677	105	51,372	52,831	55,677	105
FEB	55,846	56,711	57,626	102	107,218	109,542	113,303	103
MAR	73,644	70,961	71,083	100	180,862	180,503	184,386	102
APR	68,272	65,280	68,368	105	249,134	245,783	252,754	103
MAY	71,226	73,767	73,185	99	320,360	319,550	325,939	102
JUN	83,928	85,573	81,349	95	404,288	405,123	407,288	101
JUL	79,329	79,895			483,617	485,018		
AUG	83,710	84,485			567,327	569,503		
SEP	72,202	70,893			639,529	640,396		
OCT	60,085	65,351			699,614	705,747		
NOV	56,741	57,334			756,355	763,081		
DEC	53,494	52,018			809,849	815,099		
<u>ICE MILK</u>								
JAN	15,752	15,598	15,511	99	15,752	15,598	15,511	99
FEB	17,755	17,686	16,507	93	33,507	33,284	32,081	96
MAR	25,765	25,708	24,474	95	59,272	58,992	56,492	96
APR	27,381	26,300	24,736	94	86,653	85,292	81,228	95
MAY	32,087	32,092	30,831	96	118,740	117,384	112,059	95
JUN	35,424	35,963	32,792	91	154,164	153,347	144,851	94
JUL	36,156	34,939			190,320	188,286		
AUG	34,215	34,708			224,535	222,994		
SEP	27,419	26,940			251,954	249,934		
OCT	21,850	23,016			273,804	272,950		
NOV	17,952	18,450			291,756	291,400		
DEC	16,193	15,845			307,949	307,245		
<u>SHERBET</u>								
JAN	2,887	2,947	3,078	104	2,887	2,947	3,078	104
FEB	2,824	2,705	2,801	104	5,711	5,652	5,879	104
MAR	4,220	4,044	3,755	93	9,931	9,696	9,634	99
APR	4,189	4,047	4,065	100	14,120	13,743	13,699	100
MAY	4,868	4,745	4,573	96	18,988	18,488	18,272	99
JUN	5,900	6,017	5,128	85	24,888	24,505	23,400	95
JUL	5,675	5,286			30,563	29,791		
AUG	5,696	5,151			36,259	34,942		
SEP	4,255	4,005			40,514	38,947		
OCT	3,199	3,504			43,713	42,451		
NOV	2,942	2,881			46,655	45,332		
DEC	3,128	2,702			49,783	48,034		
<u>MELLORINE-TYPE FROZEN DESSERT</u>								
JAN	1,214	1,009	1,172	116	1,214	1,009	1,172	116
FEB	1,426	1,062	1,280	121	2,640	2,071	2,452	118
MAR	1,826	1,547	1,562	101	4,466	3,618	4,014	111
APR	1,625	1,577	1,417	90	6,091	5,195	5,431	105
MAY	1,802	1,664	1,550	93	7,893	6,859	6,981	102
JUN	2,079	1,835	1,546	84	9,972	8,694	8,527	98
JUL	1,838	1,626			11,810	10,320		
AUG	1,944	1,654			13,754	11,974		
SEP	1,619	1,366			15,373	13,340		
OCT	1,289	1,251			16,662	14,591		
NOV	1,156	916			17,818	15,507		
DEC	977	757			18,795	16,264		

PRODUCTION OF NONFAT DRY MILK FOR HUMAN FOOD: BY MONTHS,  
UNITED STATES, 1977-79

MONTH	BY MONTHS				CUMULATIVE			
	1977	1978	1979	1979 AS % OF 1978	1977	1978	1979	1979 AS % OF 1978
	1,000 POUNDS			PERCENT	1,000 POUNDS			PERCENT
JAN	70,259	76,994	55,091	72	70,259	76,994	55,091	72
FEB	71,803	68,667	54,888	80	142,062	145,661	109,979	76
MAR	87,970	84,428	76,112	90	230,032	230,089	186,091	81
APR	105,971	94,681	87,786	93	336,003	324,770	273,877	84
MAY	119,929	103,611	104,846	101	455,932	428,381	378,723	88
JUN	130,324	114,909	112,192	98	586,256	543,290	490,915	90
JUL	123,236	97,222			709,492	640,512		
AUG	105,970	75,720			815,462	716,232		
SEP	77,608	54,542			893,070	773,774		
OCT	70,311	48,145			963,381	821,919		
NOV	65,174	42,680			1,028,555	864,599		
DEC	78,064	55,823			1,106,619	920,422		

BUTTER: PRODUCTION BY STATES, JUNE 1979

STATE	JUN 1977	JUN 1978	MAY 1979	JUN 1979	PERCENT OF	
					JUN 1978	MAY 1979
	1,000 POUNDS				PERCENT	
CALIF	13,487	10,410	13,000	12,500	120	96
IDAHO	1,050	635	740	550	87	74
ILL	781	331	350	300	91	86
IND	1,005	1,000	956	836	84	87
IOWA	4,642	3,851	3,644	2,720	71	75
KANS	1,356	1,136	1,223	1,146	101	94
MICH	3,358	3,022	3,500	3,000	99	86
MINN	18,871	16,102	15,360	15,475	96	101
MO	1,567	1,447	2,280	1,465	101	64
N Y	4,270	4,276	4,900	3,480	81	71
N DAK	730	632	722	652	103	90
OHIO	3,376	2,600	2,715	2,120	82	78
OKLA	1,068	1,193	1,574	1,004	84	64
OREG	1,065	1,204	1,490	1,180	98	79
PA	2,754	3,197	5,485	4,200	131	77
S DAK	976	935	1,121	978	105	87
TENN	743	818	2,026	1,102	135	54
UTAH	486	378	349	347	92	99
VT	525	577	516	203	35	39
WASH	2,812	2,763	3,319	3,025	109	91
WIS	21,172	22,494	25,400	22,800	101	90
OTH STS	6,925	6,138	7,924	5,624	92	71
U S	93,019	85,139	98,594	84,707	99	86

AMERICAN CHEESE: PRODUCTION BY STATES, JUNE 1979

STATE	JUN 1977	JUN 1978	MAY 1979	JUN 1979	PERCENT OF	
					JUN 1978	MAY 1979
1,000 POUNDS					PERCENT	
CALIF	1,084	1,335	1,659	1,750	131	105
IDAHO	5,747	6,619	5,995	7,031	106	117
ILL	1,077	463	460	425	92	92
IND	2,865	2,666	3,893	3,812	143	98
IOWA	9,202	9,621	9,510	9,215	96	97
KANS	2,959	2,736	2,298	2,276	83	99
KY	5,246	4,758	4,717	4,713	99	100
MICH	1,625	2,171	2,100	2,000	92	95
MINN	30,472	35,305	38,225	36,565	104	96
MO	5,192	5,590	5,100	4,800	86	94
NEBR	3,079	3,433	1,775	1,745	51	98
N Y	8,959	8,686	9,470	8,995	104	95
N DAK	5,951	5,890	4,382	4,809	82	110
OHIO	2,864	3,535	4,010	3,770	107	94
OREG	2,421	2,430	2,700	2,900	119	107
S DAK	4,147	4,065	4,511	4,623	114	102
TENN	2,169	1,987	2,234	2,021	102	90
UTAH	4,419	4,473	4,204	4,393	98	104
VT	1,877	2,463	1,952	2,287	93	117
WIS	86,269	86,290	87,500	89,700	104	103
OTH STS	13,737	13,528	13,885	13,057	97	94
U S	201,361	208,044	210,580	210,887	101	100

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, JUNE 1979

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	JUN 1978	JUN 1979	OCT 1, 1977 THROUGH JUN 30, 1978	OCT 1, 1978 THROUGH JUN 30, 1979	JUN 30, 1978	JUN 30, 1979 1/
1,000 POUNDS						
BUTTER	20,595	8,829	147,058	60,448	246,867	180,708
CHEESE	13,575	2,169	27,212	3,875	55,349	6,126
NONFAT DRY MILK	53,999	49,791	265,654	136,163	597,529	478,236

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 10,414,000 POUNDS; PROCESSED CHEESE, 2,386,000 POUNDS AND FORTIFIED NONFAT DRY MILK, 79,713,000 POUNDS.



ICE CREAM: PRODUCTION BY STATES, JUNE 1979

STATE	JUN 1977	JUN 1978	MAY 1979	JUN 1979	PERCENT OF	
	1,000 GALLONS				JUN 1978	MAY 1979
					PERCENT	
ALA	1,336	1,384	1,321	1,308	95	99
ARIZ	739	631	550	631	100	115
CALIF	8,216	9,191	7,800	8,900	97	114
COLO	924	935	800	820	88	103
CONN	1,585	1,862	2,150	2,350	126	109
FLA	2,920	3,106	2,671	3,010	97	113
GA	633	591	528	576	97	109
ILL	4,547	4,215	3,360	4,220	100	126
IND	2,786	2,902	2,081	2,390	82	115
IOWA	1,013	1,107	1,085	1,285	116	118
KANS	809	652	591	636	98	108
LA	1,205	1,046	687	910	87	132
MD 1/	2,080	2,173	1,950	2,000	92	103
MASS	4,556	4,582	3,530	3,700	81	105
MICH	3,468	3,694	3,600	3,700	100	103
MINN	3,120	3,214	2,925	3,105	97	106
MO	2,016	2,003	1,450	1,780	89	123
NEBR	976	992	785	933	94	119
N J	1,219	679	590	590	87	100
N Y	7,094	6,735	5,100	6,200	92	122
N C	2,661	2,686	2,475	2,915	109	118
OHIO	4,675	5,189	4,250	4,650	90	109
OKLA	976	942	828	843	89	102
OREG	736	774	700	710	92	101
PA	7,051	7,030	6,970	7,000	100	100
S C	1,506	1,758	1,022	1,158	66	113
TENN	1,847	2,088	1,833	2,107	101	115
TEX	3,934	4,022	3,735	3,802	95	102
UTAH	674	692	741	707	102	95
VA	732	819	705	780	95	111
WASH	1,732	1,617	1,309	1,609	100	123
WIS	1,927	1,975	1,630	2,050	104	126
OTH STS	4,235	4,287	3,433	3,974	93	116
U S	83,928	85,573	73,185	81,349	95	111

1/ INCLUDES DISTRICT OF COLUMBIA.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED PRIMARILY FOR CANNED EVAPORATED MILK, BY REGIONS, JUNE 1979

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUN 1978	MAY 1979	JUN 1979	JUN 1978	MAY 1979	JUN 1979	JUN 1978	MAY 1979	JUN 1979
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.75	10.18	10.24	3.44	3.43	3.45	2.54	2.97	2.97
S ATL & CENTRAL	8.87	10.36	10.45	3.48	3.47	3.47	2.55	2.99	3.01
WEST	9.06	10.29	10.27	3.27	3.31	3.25	2.72	3.11	3.16
U S	8.85	10.28	10.33	3.44	3.43	3.42	2.57	3.00	3.02

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 1979

PRODUCT	JUN 1977	JUN 1978	MAY 1979 <sup>4/</sup>	JUN 1979	PERCENT OF	
					JUN 1978	MAY 1979
MANUFACTURERS' SHIPMENTS <sup>1/</sup> 1,000 POUNDS					PERCENT	
DRY WHOLE MILK	4,947	4,702	4,707	4,672	99	99
NONFAT DRY MILK FOR HUMAN FOOD	108,939	99,677	75,567	75,762	76	100
DRY SKIM MILK FOR ANIMAL FEED	514	804	278	722	90	260
DRY BUTTERMILK, FOR HUMAN FOOD	3,909	3,929	3,386	3,192	81	94
DRY BUTTERMILK, TOTAL	3,978	4,064	3,552	3,358	83	95
MANUFACTURERS' STOCKS, END-OF-MONTH <sup>2/</sup> 1,000 POUNDS					PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	127,686	101,401	90,316	117,060	115	130
DRY WHOLE MILK	9,926	9,494	7,120	8,572	90	120
NONFAT DRY MILK FOR HUMAN FOOD	128,712	94,995	110,136	127,653	134	116
DRY SKIM MILK FOR ANIMAL FEED	2,817	1,629	1,174	1,494	92	127
DRY BUTTERMILK, TOTAL	7,597	4,400	6,360	7,203	164	113
MANUFACTURERS' SELLING PRICES <sup>3/</sup> CENTS PER POUND					CHANGE-CENTS	
DRY WHOLE MILK	80.73	87.06	98.80	99.23	+12.17	+0.43
NONFAT DRY MILK FOR HUMAN FOOD	68.06	71.02	79.40	79.51	+8.49	+0.11
DRY SKIM MILK FOR ANIMAL FEED	32.21	32.85	33.80	30.75	-2.10	-3.05
DRY BUTTERMILK FOR HUMAN FOOD	54.73	65.38	74.66	75.47	+10.09	+0.81
DRY BUTTERMILK FOR ANIMAL FEED	25.06	31.54	34.38	33.40	+1.86	-0.98

<sup>1/</sup> FOR DRY PRODUCTS, SHIPMENTS OF BULK GOODS ONLY.

<sup>2/</sup> STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT.

<sup>3/</sup> PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS, WEIGHTED BY SHIPMENTS OF EACH FIRM.

<sup>4/</sup> REVISED.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK  
USED PRIMARILY FOR SPECIFIED USES, JUNE 1979

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUN 1978	MAY 1979	JUN 1979	JUN 1978	MAY 1979	JUN 1979	JUN 1978	MAY 1979	JUN 1979
	DOLLARS			PERCENT			DOLLARS		
MILK FOR:									
BUTTER									
BY-PRODUCTS	9.17	10.63	10.58	3.51	3.58	3.53	2.61	2.97	3.00
AMERICAN CHEESE	9.29	10.84	10.85	3.57	3.64	3.58	2.60	2.98	3.03
MISC. CHEESE:									
SWISS	9.60	11.07	11.08	3.49	3.62	3.54	2.75	3.06	3.13
BRICK & MUNSTER	9.36	11.00	10.97	3.53	3.70	3.62	2.65	2.97	3.03
ITALIAN	9.41	11.00	11.01	3.60	3.68	3.62	2.61	2.99	3.04
ALL OTHER	9.47	11.01	10.99	3.66	3.68	3.63	2.59	2.99	3.03
ALL MISC. CHEESE	9.46	11.02	11.02	3.57	3.67	3.60	2.65	3.00	3.06
ALL CHEESE	9.33	10.89	10.90	3.57	3.65	3.59	2.51	2.98	3.04

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 1979

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	JUN 1978	MAY 1979	JUN 1979	JUN 1978	MAY 1979	JUN 1979	JUN 1978	MAY 1979	JUN 1979
	DOLLARS			PERCENT			DOLLARS		
MILK FOR BUTTER AND BY-PRODUCTS									
CALIF	9.37	10.50	10.40	3.75	3.70	3.66	2.50	2.84	2.84
IOWA	9.23	10.71	10.63	3.49	3.55	3.48	2.64	3.02	3.05
MINN	9.08	10.60	10.55	2.44	3.55	3.50	2.64	2.99	3.01
S DAK 2/	8.75	10.45	10.40	3.30	3.48	3.38	2.65	3.00	3.08
WIS	9.43	11.05	11.08	3.66	3.76	3.70	2.58	2.94	2.99
U S	9.17	10.63	10.58	3.51	3.58	3.53	2.61	2.97	3.00
MILK FOR AMERICAN CHEESE									
IDAHO	9.30	10.85	10.80	3.37	3.46	3.36	2.76	3.14	3.21
IOWA	9.20	10.80	10.80	3.52	3.60	3.50	2.61	3.00	3.09
KANS	8.95	10.50	10.50	3.44	3.49	3.45	2.60	3.01	3.04
KY	8.20	9.90	10.30	3.48	3.48	3.53	2.36	2.84	2.92
MINN	9.25	10.70	10.69	3.52	3.60	3.55	2.63	2.97	3.01
MO	8.85	10.40	10.40	3.45	3.48	3.44	2.57	2.99	3.02
NEBR	8.91	10.30	10.25	3.44	3.48	3.41	2.59	2.96	3.01
N DAK	8.80	10.20	10.20	3.39	3.43	3.33	2.60	2.97	3.06
S DAK	9.12	10.70	10.59	3.47	3.58	3.48	2.63	2.99	3.04
TENN	8.48	9.95	10.10	3.71	3.60	3.63	2.29	2.76	2.78
WIS	9.52	11.17	11.18	3.68	3.75	3.70	2.59	2.98	3.02
U S	9.29	10.84	10.85	3.57	3.64	3.58	2.60	2.98	3.03

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

2/ PLANT CLASSIFICATION CHANGE BASED ON 1978 DATA. BUTTER PRICE DISCONTINUED WITH THIS REPORT.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK  
USED PRIMARILY FOR SPECIFIED USES, UNITED STATES, 1978 1/

PRIMARY USE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
BUTTER AND BY-PRODUCTS	9.02	9.06	9.12	9.23	9.16	9.17	9.21	9.59	9.87	10.35	10.69	10.78	9.54
AMERICAN CHEESE	9.17	9.22	9.31	9.34	9.30	9.29	9.34	9.70	10.06	10.62	10.86	10.99	9.71
MISC CHEESE													
SWISS	9.56	9.57	9.63	9.67	9.66	9.60	9.70	10.02	10.32	10.70	11.04	11.27	10.04
BRICK AND MUNSTER	9.45	9.47	9.49	9.50	9.46	9.36	9.39	9.90	10.29	10.92	11.19	11.31	9.90
ITALIAN	9.30	9.35	9.42	9.48	9.46	9.41	9.44	9.85	10.18	10.73	10.99	11.13	9.84
ALL OTHER	9.32	9.37	9.48	9.52	9.54	9.47	9.55	9.87	10.27	10.85	11.13	11.23	9.91
ALL MISC CHEESE	9.39	9.42	9.49	9.53	9.52	9.46	9.51	9.90	10.24	10.75	11.04	11.20	9.90
TOTAL CHEESE	9.22	9.27	9.35	9.39	9.35	9.33	9.38	9.75	10.11	10.65	10.91	11.04	9.76
MILKFAT TEST, PERCENT													
BUTTER AND BY-PRODUCTS	3.70	3.67	3.64	3.60	3.56	3.51	3.51	3.53	3.61	3.73	3.79	3.80	3.63
AMERICAN CHEESE	3.75	3.72	3.70	3.65	3.61	3.57	3.56	3.56	3.65	3.78	3.82	3.84	3.68
MISC CHEESE													
SWISS	3.82	3.75	3.69	3.65	3.58	3.49	3.47	3.47	3.59	3.71	3.83	3.90	3.65
BRICK AND MUNSTER	3.78	3.74	3.72	3.67	3.62	3.53	3.52	3.52	3.65	3.80	3.87	3.89	3.68
ITALIAN	3.81	3.79	3.75	3.70	3.66	3.60	3.57	3.57	3.66	3.81	3.86	3.88	3.71
ALL OTHER	3.86	3.83	3.80	3.76	3.71	3.66	3.64	3.65	3.70	3.84	3.92	3.92	3.77
ALL MISC CHEESE	3.81	3.78	3.73	3.69	3.64	3.57	3.54	3.54	3.64	3.78	3.86	3.89	3.69
TOTAL CHEESE	3.76	3.73	3.71	3.66	3.62	3.57	3.56	3.55	3.65	3.78	3.83	3.85	3.68
PRICE PER POUND OF MILKFAT, DOLLARS													
BUTTER AND BY-PRODUCTS	2.44	2.47	2.51	2.56	2.57	2.61	2.62	2.72	2.73	2.77	2.82	2.84	2.63
AMERICAN CHEESE	2.45	2.48	2.52	2.56	2.58	2.60	2.62	2.72	2.76	2.81	2.84	2.86	2.64
MISC CHEESE													
SWISS	2.50	2.55	2.61	2.65	2.70	2.75	2.80	2.89	2.87	2.88	2.88	2.89	2.75
BRICK AND MUNSTER	2.50	2.53	2.55	2.59	2.61	2.65	2.67	2.81	2.82	2.87	2.89	2.91	2.69
ITALIAN	2.44	2.47	2.51	2.56	2.58	2.61	2.64	2.76	2.78	2.82	2.85	2.87	2.65
ALL OTHER	2.41	2.45	2.49	2.53	2.57	2.59	2.62	2.70	2.78	2.83	2.84	2.86	2.63
ALL MISC CHEESE	2.46	2.49	2.54	2.58	2.62	2.65	2.69	2.80	2.81	2.84	2.86	2.88	2.68
TOTAL CHEESE	2.45	2.49	2.52	2.57	2.58	2.61	2.63	2.75	2.77	2.82	2.85	2.87	2.65

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, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
CALIF	9.16	9.02	9.00	9.45	9.26	9.37	9.24	9.49	9.66	9.94	10.30	10.40	9.50
IOWA	9.15	9.19	9.32	9.34	9.33	9.23	9.28	9.63	9.93	10.47	10.96	11.17	9.69
MINN	8.90	8.97	9.01	9.11	9.04	9.08	9.14	9.56	9.83	10.31	10.58	10.60	9.42
WIS	9.28	9.37	9.41	9.49	9.48	9.43	9.47	9.81	10.18	10.74	11.05	11.19	9.86
U S	9.02	9.06	9.12	9.23	9.16	9.17	9.21	9.59	9.87	10.35	10.69	10.78	9.54
MILKFAT TEST, PERCENT													
CALIF	3.99	3.91	3.87	3.87	3.83	3.75	3.73	3.78	3.90	3.91	4.01	4.09	3.87
IOWA	3.77	3.76	3.73	3.67	3.57	3.49	3.51	3.55	3.60	3.73	3.82	3.85	3.67
MINN	3.59	3.57	3.54	3.51	3.47	3.44	3.44	3.44	3.52	3.65	3.69	3.69	3.54
WIS	3.82	3.80	3.76	3.73	3.70	3.66	3.63	3.61	3.72	3.87	3.93	3.91	3.75
U S	3.70	3.67	3.64	3.60	3.56	3.51	3.51	3.53	3.61	3.73	3.79	3.80	3.63
PRICE PER POUND OF MILKFAT, DOLLARS													
CALIF	2.30	2.31	2.33	2.44	2.42	2.50	2.48	2.51	2.48	2.54	2.57	2.54	2.45
IOWA	2.43	2.44	2.50	2.54	2.61	2.64	2.64	2.71	2.76	2.81	2.87	2.90	2.64
MINN	2.48	2.51	2.55	2.60	2.61	2.64	2.66	2.78	2.79	2.82	2.87	2.87	2.66
WIS	2.43	2.47	2.50	2.54	2.56	2.58	2.61	2.72	2.74	2.78	2.81	2.86	2.63
U S	2.44	2.47	2.51	2.56	2.57	2.61	2.62	2.72	2.73	2.77	2.82	2.84	2.63

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED  
 PRIMARILY FOR EVAPORATED MILK, BY REGIONS, 1978 1/

REGION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
N CENTRAL	8.94	8.98	8.79	8.75	8.67	8.75	8.75	8.95	9.33	9.82	10.20	10.58	9.16
S ATL & CENTRAL	8.91	8.92	8.87	8.84	8.87	8.87	8.91	9.05	9.50	10.01	10.34	10.53	9.24
WEST	9.02	9.12	8.95	9.21	9.15	9.06	9.06	9.27	9.67	9.79	10.08	10.42	9.38
U S <u>2/</u>	8.93	8.97	8.86	8.87	8.84	8.85	8.87	9.05	9.46	9.89	10.23	10.52	9.22
MILKFAT TEST, PERCENT													
N CENTRAL	3.85	3.78	3.59	3.45	3.40	3.44	3.44	3.46	3.54	3.71	3.78	3.86	3.59
S ATL & CENTRAL	3.92	3.85	3.70	3.53	3.51	3.48	3.49	3.50	3.61	3.83	3.91	3.91	3.65
WEST	3.73	3.66	3.58	3.46	3.36	3.27	3.24	3.29	3.44	3.49	3.57	3.64	3.47
U S <u>2/</u>	3.84	3.78	3.64	3.50	3.46	3.44	3.43	3.45	3.56	3.72	3.79	3.83	3.60
PRICE PER POUND OF MILKFAT, DOLLARS													
N CENTRAL	2.32	2.38	2.45	2.54	2.55	2.54	2.54	2.59	2.64	2.65	2.70	2.74	2.55
S ATL & CENTRAL	2.27	2.32	2.40	2.50	2.53	2.55	2.55	2.59	2.63	2.61	2.64	2.69	2.53
WEST	2.42	2.49	2.50	2.66	2.72	2.72	2.80	2.82	2.81	2.81	2.82	2.86	2.70
U S <u>2/</u>	2.33	2.37	2.43	2.53	2.55	2.57	2.59	2.62	2.66	2.66	2.70	2.75	2.56

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, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
AVERAGE PRICE PER 100 LB OF MILK, DOLLARS													
IDAHO	9.27	9.36	9.30	9.37	9.31	9.30	9.32	9.59	9.99	10.34	10.56	10.88	9.72
IOWA	9.12	9.21	9.29	9.38	9.24	9.20	9.35	9.82	9.94	10.49	10.75	10.98	9.66
KANS	8.95	9.00	9.00	9.00	9.05	8.95	8.95	9.20	9.41	10.00	10.45	10.65	9.35
KY	8.60	8.55	8.45	8.25	8.25	8.20	8.25	8.30	8.70	9.00	9.10	9.35	8.51
MINN	9.03	9.09	9.20	9.25	9.25	9.25	9.32	9.68	9.99	10.45	10.70	10.76	9.59
MO	8.85	8.80	8.80	8.80	8.80	8.85	8.95	9.00	9.30	9.70	10.00	10.30	9.11
NEBR	9.02	9.07	9.10	9.04	9.02	8.91	8.97	9.49	9.79	10.27	10.90	11.25	9.53
N DAK	8.75	8.65	8.80	8.90	8.85	8.80	8.95	9.30	9.70	10.20	10.40	10.50	9.22
S DAK	9.06	9.15	9.20	9.24	9.18	9.12	9.25	9.51	9.98	10.55	10.85	11.00	9.62
TENN	8.35	8.36	8.42	8.40	8.40	8.48	8.48	8.55	8.87	9.30	9.55	10.00	8.69
WIS	9.38	9.44	9.54	9.57	9.53	9.52	9.54	9.94	10.33	10.99	11.20	11.32	9.96
U S	9.17	9.22	9.31	9.34	9.30	9.29	9.34	9.70	10.06	10.62	10.86	10.99	9.71
MILKFAT TEST, PERCENT													
IDAHO	3.77	3.73	3.62	3.51	3.44	3.37	3.37	3.36	3.53	3.62	3.71	3.82	3.56
IOWA	3.77	3.75	3.73	3.70	3.58	3.52	3.51	3.53	3.55	3.69	3.78	3.81	3.65
KANS	3.88	3.88	3.79	3.58	3.51	3.44	3.39	3.42	3.50	3.70	3.84	3.93	3.64
KY	3.91	3.88	3.78	3.56	3.51	3.48	3.50	3.52	3.68	3.83	3.88	3.91	3.67
MINN	3.64	3.61	3.60	3.57	3.53	3.52	3.51	3.50	3.58	3.69	3.74	3.75	3.60
MO	3.85	3.80	3.72	3.65	3.50	3.45	3.48	3.50	3.60	3.70	3.80	3.83	3.63
NEBR	3.87	3.85	3.78	3.61	3.52	3.44	3.40	3.44	3.53	3.65	3.79	3.89	3.63
N DAK	3.73	3.65	3.60	3.53	3.41	3.39	3.46	3.56	3.60	3.72	3.77	3.76	3.57
S DAK	3.75	3.73	3.68	3.64	3.54	3.47	3.49	3.52	3.58	3.71	3.81	3.84	3.64
TENN	4.04	3.98	3.88	3.69	3.67	3.71	3.71	3.72	3.80	3.89	3.96	3.94	3.80
WIS	3.81	3.79	3.78	3.75	3.72	3.68	3.66	3.64	3.73	3.88	3.90	3.91	3.76
U S	3.75	3.72	3.70	3.65	3.61	3.57	3.56	3.56	3.65	3.78	3.82	3.84	3.68
PRICE PER POUND OF MILKFAT, DOLLARS													
IDAHO	2.46	2.51	2.57	2.67	2.71	2.76	2.77	2.85	2.83	2.86	2.85	2.85	2.73
IOWA	2.42	2.46	2.49	2.54	2.58	2.61	2.66	2.78	2.80	2.84	2.84	2.88	2.64
KANS	2.31	2.32	2.37	2.52	2.58	2.60	2.64	2.69	2.69	2.70	2.72	2.71	2.57
KY	2.20	2.20	2.24	2.32	2.35	2.36	2.36	2.36	2.36	2.35	2.35	2.39	2.32
MINN	2.48	2.52	2.55	2.59	2.62	2.63	2.66	2.77	2.79	2.83	2.86	2.87	2.66
MO	2.30	2.32	2.37	2.41	2.51	2.57	2.57	2.57	2.58	2.62	2.63	2.69	2.51
NEBR	2.33	2.36	2.41	2.50	2.56	2.59	2.64	2.76	2.77	2.81	2.88	2.89	2.63
N DAK	2.35	2.37	2.44	2.52	2.60	2.60	2.59	2.61	2.69	2.74	2.76	2.79	2.58
S DAK	2.42	2.45	2.50	2.54	2.59	2.63	2.65	2.70	2.79	2.84	2.85	2.86	2.64
TENN	2.07	2.10	2.17	2.28	2.29	2.29	2.29	2.30	2.33	2.39	2.41	2.54	2.29
WIS	2.46	2.49	2.52	2.55	2.56	2.59	2.61	2.73	2.77	2.83	2.87	2.90	2.65
U S	2.45	2.48	2.52	2.56	2.58	2.60	2.62	2.72	2.76	2.81	2.85	2.86	2.64

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



