

# DAIRY PRODUCTS

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of Agriculture

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## AUGUST HIGHLIGHTS

Butter production was 64.2 million pounds in August, 13 percent less than July and 18 percent less than August 1977.

American type cheese totaled 167 million pounds, 9 percent below last month but 2 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 285 million pounds, down 4 percent from the previous month, but up 3 percent from the previous year.

Creamed cottage cheese, 77.2 million pounds, unchanged from a year ago.

Lowfat cottage cheese, 13.7 million pounds, 12 percent more than a year earlier.

Canned evaporated and condensed whole milk, 69.0 million pounds, down 6 percent from August 1977.

Frozen desserts: (Comparisons with August 1977)

Ice cream--84.5 million gallons, up 2 percent.

Ice milk--33.4 million gallons, up 3 percent.

Sherbet--5.21 million gallons, down 9 percent.

Dry Milk Products: (Comparisons with August 1977)

Nonfat dry milk for human food--78.6 million pounds, down 26 percent.

Dry whole milk--5.47 million pounds, down 16 percent.

Dry buttermilk--2.93 million pounds, down 19 percent.

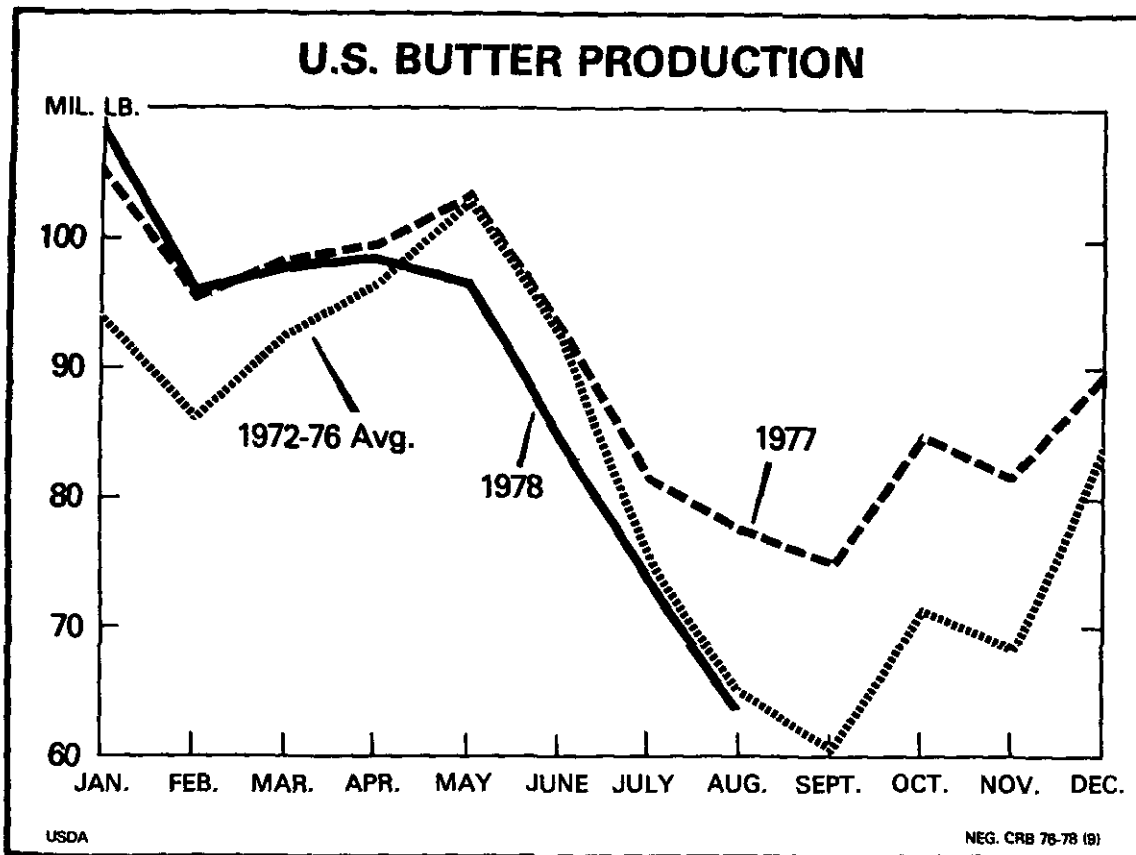
## MANUFACTURING GRADE MILK PRICES CLIMB DURING AUGUST

Butter-powder, \$9.51, up 31 cents from July, and 94 cents above August 1977.

American cheese, \$9.65, an increase of 33 cents from the previous month and 97 cents above the previous year.

Miscellaneous cheese, \$9.83, up 38 cents from July, and \$1.06 higher than August 1977.

Evaporated milk (canned), \$9.08, 9 cents above last month, and 69 cents above the previous year.



U.S. - BUTTER PRODUCTION

MONTH	AVERAGE 1972-76	1977	1978
JAN	94,222	105,455	108,336
FEB	86,287	95,431	95,682
MAR	92,676	98,402	97,720
APR	96,060	99,946	98,506
MAY	102,662	103,180	96,727
JUN	92,934	93,019	84,664
JUL	75,395	81,762	73,656
AUG	64,971	77,803	64,151
SEP	60,696	75,033	
OCT	71,115	84,547	
NOV	68,510	81,528	
DEC	83,407	89,489	

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, AUGUST 1978

PRODUCT	AUG	AUG	JUL	AUG	PERCENT OF	
	1976	1977	1978	1978	AUG	JUL
	1,000 POUNDS				PERCENT	
BUTTER	65,074	77,803	73,656	64,151	82	87
CHEESE:						
AMERICAN TYPES <u>1/</u>	176,861	164,904	183,402	167,456	102	91
SWISS	18,203	16,042	18,328	17,539	109	96
BRICK AND MUNSTER	6,112	5,819	6,004	6,023	104	100
CREAM AND NEUFCHATEL	11,639	12,898	12,017	13,557	105	113
BLUE	2,993	2,937	3,094	2,991	102	97
MOZZARELLA	43,860	47,930	49,894	51,929	108	104
OTHER ITALIAN TYPES	19,702	21,033	20,519	20,947	100	102
TOTAL ITALIAN TYPES	63,562	68,963	70,413	72,876	106	103
ALL OTHER TYPES <u>2/</u>	4,178	4,076	3,751	4,133	101	110
TOTAL	283,548	275,639	297,009	284,575	103	96
COTTAGE CHEESE, CURD <u>3/</u>	59,865	61,458	59,022	62,435	102	106
COTTAGE CHEESE, CREAMED <u>4/</u>	74,428	77,210	73,240	77,225	100	105
COTTAGE CHEESE, LOWFAT <u>5/</u>	11,270	12,231	12,683	13,700	112	108
CANNED EVAPORATED AND CONDENSED WHOLE MILK	76,015	73,428	73,760	68,978	94	94
DRY WHOLE MILK	6,512	6,529	5,873	5,470	84	93
NONFAT DRY MILK						
FOR HUMAN FOOD	76,193	105,970	98,168	78,561	74	80
DRY SKIM MILK						
FOR ANIMAL FEED	477	569	595	677	119	114
DRY BUTTERMILK	2,631	3,619	3,344	2,933	81	88
		1,000 GALLONS			PERCENT	
ICE CREAM	79,178	83,081	80,228	84,481	102	105
ICE MILK	31,470	32,502	33,886	33,382	103	99
SHERBET	5,045	5,716	5,315	5,207	91	98
MELLORINE-TYPE FROZEN DESSERTS <u>6/</u>	2,253	1,944	1,823	1,785	92	98

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, AUGUST 1978

PRODUCT	AUG 1977	JUL 1978 <sup>1/</sup>	AUG 1978	PERCENT OF	
				AUG 1977	JUL 1978
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	9,775	8,802	10,052	103	114
SWEET-TYPE, ANIMAL FEED	2,313	2,277	2,365	102	104
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	1,180	775	891	76	115
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	36,337	43,530	41,254	114	95
DRY WHEY, ANIMAL FEED	9,874	16,297	14,245	144	87
PARTIALLY DELACTOSED					
HUMAN FOOD	1,909	2,565	2,591	136	101
ANIMAL FEED	10,202	10,781	11,766	115	109
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,480	2,706	2,622	106	97
ANIMAL FEED	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>		
PARTIALLY DELACTOSED/DEMINERALIZED, HUMAN FOOD	651	551	610	94	111
PARTIALLY DELACTOSED/DEMINERALIZED, ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
LACTOSE, HUMAN FOOD	8,251	9,708	8,546	104	88
LACTOSE, ANIMAL FEED	379	426	699	184	164
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,099	2,493	2,659	127	107
ANIMAL FEED	3,350	4,622	6,380	190	132
	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>	23,508	34,333	30,758	131	90
ANIMAL FEED <sup>6/</sup>	17,601	25,185	26,468	150	105
PARTIALLY DEMINERALIZED HUMAN FOOD	1,878	1,907	1,973	105	103
PARTIALLY DELACTOSED/DEMINERALIZED, HUMAN FOOD	1,485	862	942	63	109
PARTIALLY DELACTOSED/DEMINERALIZED, ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
LACTOSE, HUMAN FOOD	5,659	10,091	10,686	189	106
LACTOSE, ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
	MANUFACTURERS' SELLING PRICE <sup>7/</sup>			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	6.8	6.7	7.4	+0.6	+0.7
SWEET-TYPE, ANIMAL FEED	3.1	1.6	2.0	-1.1	+0.4
ACID-TYPE, HUMAN FOOD	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>		
ACID-TYPE, ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
DRY WHEY, HUMAN FOOD	11.7	13.0	13.6	+1.9	+0.6
DRY WHEY, ANIMAL FEED	7.6	10.4	10.8	+3.2	+0.4

<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, 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
<b>BUTTER</b>								
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			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		
<b>AMERICAN CHEESE</b>								
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	164,904	167,456	102	1,429,920	1,459,147	1,459,994	100
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		
<b>CREAMED COTTAGE CHEESE</b>								
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			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		
<b>LOWFAT COTTAGE CHEESE</b>								
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			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	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			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	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			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	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			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	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			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	70,529	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			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, AUGUST 1978

STATE	AUG	AUG	JUL	AUG	PERCENT OF	
	1976	1977	1978	1978	AUG	JUL
	1,000 POUNDS				PERCENT	
					1977	1978
CALIF	12,854	12,038	11,650	10,900	91	94
IDAHO	503	979	543	568	58	105
ILL	761	615	300	315	51	105
IND	1,832	852	648	496	58	77
IOWA	2,815	4,203	2,882	1,935	46	67
KANS	1,020	1,004	832	878	87	106
KY	1,311	609	1,022	1,128	185	110
MICH	2,053	2,874	2,200	1,200	42	55
MINN	10,614	16,029	15,110	12,540	78	83
MO	1,384	1,260	1,069	1,353	107	127
NEBR	1,310	1,256	941	1,116	89	119
N Y	1,163	1,760	2,775	1,470	84	53
N DAK	437	560	466	420	75	90
OHIO	1,194	1,909	2,001	1,382	72	69
OKLA	746	901	739	1,312	146	178
OREG	999	1,100	1,100	1,010	92	92
PA	1,477	2,756	2,540	2,450	89	96
S DAK	740	809	759	747	92	98
TENN	611	981	528	675	69	128
UTAH	282	392	356	371	95	104
VT	56	175	116	77	44	66
WASH	2,589	2,479	2,802	2,399	97	86
WIS	15,354	18,513	18,750	15,750	85	84
OTH STS	2,969	3,749	3,527	3,659	98	104
U S	65,074	77,803	73,656	64,151	82	87

AMERICAN CHEESE: PRODUCTION BY STATES, AUGUST 1978

STATE	AUG 1976	AUG 1977	JUL 1978	AUG 1978	PERCENT OF	
	1,000 POUNDS				AUG 1977	JUL 1978
IDAHO	6,305	4,432	5,948	5,952	134	100
ILL	1,144	1,515	585	729	48	125
IND	2,873	2,593	2,546	2,388	92	94
IOWA	9,318	8,417	8,875	7,210	86	81
KANS	2,261	2,187	2,498	1,976	90	79
KY	5,180	4,866	4,552	4,054	83	89
MICH	1,804	1,862	1,650	1,900	102	115
MINN	29,733	22,286	27,595	27,155	122	98
MO	4,934	4,562	4,100	4,697	103	115
NEBR	2,788	2,463	3,600	2,750	112	76
N Y	7,017	6,065	7,590	6,830	113	90
N DAK	4,335	4,689	5,531	4,657	99	84
S DAK	3,553	3,343	3,468	3,418	102	99
TENN	2,195	1,799	1,721	1,844	103	107
UTAH	3,733	3,451	4,004	3,423	99	85
VT	1,782	1,549	2,216	2,061	133	93
WIS	70,520	73,345	80,700	71,600	98	89
OTH STS	17,386	15,480	16,223	14,812	85	91
U S	176,861	164,904	183,402	167,456	102	91

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, AUGUST 1978

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	AUG 1977	AUG 1978	OCT 1, 1976 THROUGH AUG 31, 1977	OCT 1, 1977 THROUGH AUG 31, 1978	AUG 31, 1977	AUG 31, 1978 1/
	1,000 POUNDS					
BUTTER	13,466	0	248,616	147,075	169,398	219,121
CHEESE	23,999	5,712	170,578	46,478	82,667	39,980
NONFAT DRY MILK	62,697	18,839	455,285	330,800	420,166	598,936

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 45,793,000 POUNDS; PROCESSED CHEESE, 37,983,000 AND FORTIFIED NONFAT DRY MILK, 42,323,000 POUNDS.



ICE CREAM: PRODUCTION BY STATES, AUGUST 1978

STATE	AUG 1976	AUG 1977	JUL 1978	AUG 1978	PERCENT OF	
					AUG 1977	JUL 1978
1,000 GALLONS				PERCENT		
ALA	1,274	1,162	1,130	1,144	98	101
ARIZ	583	644	593	565	88	95
CALIF	8,398	8,755	8,700	9,300	106	107
COLO	793	881	781	969	110	124
CONN	1,787	2,164	1,620	2,010	93	124
FLA	2,512	2,715	2,578	2,650	98	103
GA	684	585	550	574	98	104
ILL	4,175	3,860	3,980	3,910	101	98
IND	2,435	2,929	2,507	2,701	92	108
IOWA	1,125	1,036	1,110	1,150	111	104
KANS	720	845	536	551	65	103
KY	488	620	570	630	102	111
LA	1,087	997	866	825	83	95
MD 1/	1,847	1,907	2,150	2,140	112	100
MASS	4,342	4,807	4,000	4,650	97	116
MICH	3,299	3,670	3,400	3,600	98	106
MINN	2,742	2,870	3,055	3,380	118	111
MO	1,776	1,945	2,000	2,000	103	100
NEBR	812	1,011	1,220	1,200	119	98
N J	1,391	1,189	1,250	1,300	109	104
N Y	6,278	6,283	6,636	6,515	104	98
N C	2,717	2,773	2,730	2,800	101	103
OHIO	4,712	5,043	4,210	4,920	98	117
OKLA	820	898	887	885	99	100
OREG	637	851	720	780	92	108
PA	7,061	6,795	6,350	7,450	110	117
S C	946	1,076	1,616	1,517	141	94
TENN	1,821	1,931	2,135	2,134	111	100
TEX	3,484	3,719	3,523	3,955	106	112
UTAH	615	702	722	796	113	110
VA	786	832	942	820	99	87
WASH	1,622	1,773	1,693	1,194	67	71
WIS	1,741	1,857	1,900	1,850	100	97
OTH STS	3,668	3,956	3,568	3,616	91	101
U S	79,178	83,081	80,228	84,481	102	105

1/ INCLUDES DISTRICT OF COLUMBIA.

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

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1977	JUL 1978	AUG 1978	AUG 1977	JUL 1978	AUG 1978	AUG 1977	JUL 1978	AUG 1978
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.40	8.83	8.98	3.45	3.53	3.55	2.43	2.49	2.53
S ATL & CENTRAL	8.34	8.89	9.07	3.57	3.49	3.52	2.34	2.58	2.58
WEST	8.56	9.09	9.33	3.26	3.28	3.34	2.63	2.74	2.79
U S	8.39	8.89	9.08	3.47	3.47	3.50	2.42	2.56	2.59

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, AUGUST 1978

PRODUCT	AUG 1976	AUG 1977	JUL 1978	AUG 1978	PERCENT OF	
					AUG 1977	JUL 1978
MANUFACTURERS' SHIPMENTS <sup>1/</sup> 1,000 POUNDS						
					PERCENT	
DRY WHOLE MILK	5,278	8,779	4,936	4,799	55	97
NONFAT DRY MILK FOR HUMAN FOOD	73,104	106,552	78,409	88,694	83	113
DRY SKIM MILK FOR ANIMAL FEED	490	709	699	691	97	99
DRY BUTTERMILK FOR HUMAN FOOD	2,804	4,677	3,104	3,117	67	100
DRY BUTTERMILK, TOTAL	2,880	4,719	3,266	3,185	67	98
MANUFACTURERS' STOCKS, END-OF-MONTH <sup>2/</sup> 1,000 POUNDS						
					PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	136,348	158,721	120,189	134,380	85	112
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	11,902	6,511	9,448	9,307	143	99
DRY SKIM MILK FOR ANIMAL FEED	123,346	109,621	94,951	74,913	68	79
DRY BUTTERMILK, TOTAL	3,321	2,604	1,537	1,431	55	93
	5,874	4,913	3,556	2,420	49	68
MANUFACTURERS' SELLING PRICES <sup>3/</sup> CENTS PER POUND						
					CHANGE-CENTS	
DRY WHOLE MILK	83.74	82.49	88.13	90.66	+8.17	+2.53
NONFAT DRY MILK FOR HUMAN FOOD	63.38	68.11	71.29	71.47	+3.36	+1.18
DRY SKIM MILK FOR ANIMAL FEED	31.43	35.33	28.65	34.07	-1.26	+5.42
DRY BUTTERMILK FOR HUMAN FOOD	62.33	57.49	66.75	67.53	+10.04	+7.78
DRY BUTTERMILK FOR ANIMAL FEED	32.99	29.16	23.17	33.23	+4.07	+10.06

<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.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK  
USED PRIMARILY FOR SPECIFIED USES, AUGUST 1978

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG	JUL	AUG	AUG	JUL	AUG	AUG	JUL	AUG
	1977	1978	1978	1977	1978	1978	1977	1978	1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR:									
BUTTER AND BY-PRODUCTS	8.57	9.20	9.51	3.49	3.47	3.52	2.46	2.65	2.70
AMERICAN CHEESE	8.68	9.32	9.65	3.55	3.54	3.58	2.45	2.63	2.70
MISC. CHEESE:									
SWISS	8.74	9.49	9.84	3.49	3.47	3.49	2.50	2.73	2.82
BRICK & MUNSTER	8.79	9.40	9.85	3.54	3.54	3.56	2.49	2.65	2.77
ITALIAN	8.80	9.46	9.85	3.58	3.56	3.58	2.46	2.66	2.75
ALL OTHER	8.65	9.38	9.70	3.59	3.60	3.62	2.41	2.61	2.68
ALL MISC. CHEESE	8.77	9.45	9.83	3.55	3.54	3.56	2.47	2.67	2.76
ALL CHEESE	8.71	9.36	9.70	3.55	3.54	3.57	2.45	2.64	2.72

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, AUGUST 1978

PRIMARY USE AND BY-PRODUCTS	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG	JUL	AUG	AUG	JUL	AUG	AUG	JUL	AUG
	1977	1978	1978	1977	1978	1978	1977	1978	1978
	DOLLARS			PERCENT			DOLLARS		
MILK FOR BUTTER AND BY-PRODUCTS									
CALIF	8.67	9.40	9.55	3.72	3.79	3.81	2.33	2.48	2.51
IOWA	8.59	9.34	9.50	3.44	3.46	3.48	2.50	2.70	2.73
MINN	8.50	9.10	9.40	3.44	3.40	3.45	2.47	2.68	2.72
S DAK	8.47	8.93	9.56	3.37	3.29	3.40	2.51	2.71	2.81
WIS	8.82	9.52	9.95	3.61	3.64	3.64	2.44	2.62	2.73
U S	8.57	9.20	9.51	3.49	3.47	3.52	2.46	2.65	2.70
MILK FOR AMERICAN CHEESE									
IDAHO	8.80	9.30	9.60	3.40	3.35	3.38	2.59	2.78	2.84
IOWA	8.58	9.28	9.48	3.49	3.50	3.51	2.46	2.65	2.70
KANS	8.40	8.93	9.22	3.48	3.39	3.42	2.41	2.63	2.70
KY	8.00	8.49	8.74	3.55	3.48	3.51	2.25	2.44	2.49
MINN	8.63	9.22	9.51	3.49	3.45	3.51	2.47	2.67	2.71
MO	8.50	9.00	9.15	3.51	3.50	3.51	2.42	2.57	2.61
NEBR	8.31	9.00	9.40	3.43	3.42	3.44	2.42	2.63	2.73
N DAK	8.35	9.00	9.20	3.48	3.43	3.51	2.40	2.62	2.62
S DAK	8.62	9.12	9.43	3.48	3.45	3.50	2.48	2.64	2.69
TENN	7.83	8.60	8.80	3.77	3.71	3.72	2.08	2.32	2.37
WIS	8.86	9.56	9.97	3.63	3.66	3.67	2.44	2.61	2.72
U S	8.68	9.32	9.65	3.55	3.54	3.58	2.45	2.63	2.70

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

