

# DAIRY PRODUCTS



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## AUGUST HIGHLIGHTS

Butter production was 64.9 million pounds in August, 13 percent below July but 3 percent more than August 1978.

American type cheese totaled 182 million pounds, 7 percent below last month but 10 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 311 million pounds, down 3 percent from the previous month but 9 percent above the previous year.

Creamed cottage cheese, 73.3 million pounds, down 5 percent from a year ago.

Lowfat cottage cheese, 13.7 million pounds, 3 percent more than a year earlier.

Canned evaporated and condensed whole milk, 66.7 million pounds, down 3 percent from August 1978.

Frozen desserts: (Comparisons with August 1978)

Ice cream -- 84.6 million gallons, unchanged.

Ice milk -- 34.2 million gallons, down 1 percent.

Sherbet -- 4.99 million gallons, down 3 percent.

Dry milk products: (Comparisons with August 1978)

Nonfat dry milk for human food -- 78.7 million pounds, up 4 percent.

Dry whole milk -- 6.87 million pounds, up 20 percent.

Dry buttermilk -- 3.02 million pounds, up 2 percent.

## MANUFACTURING GRADE MILK PRICES

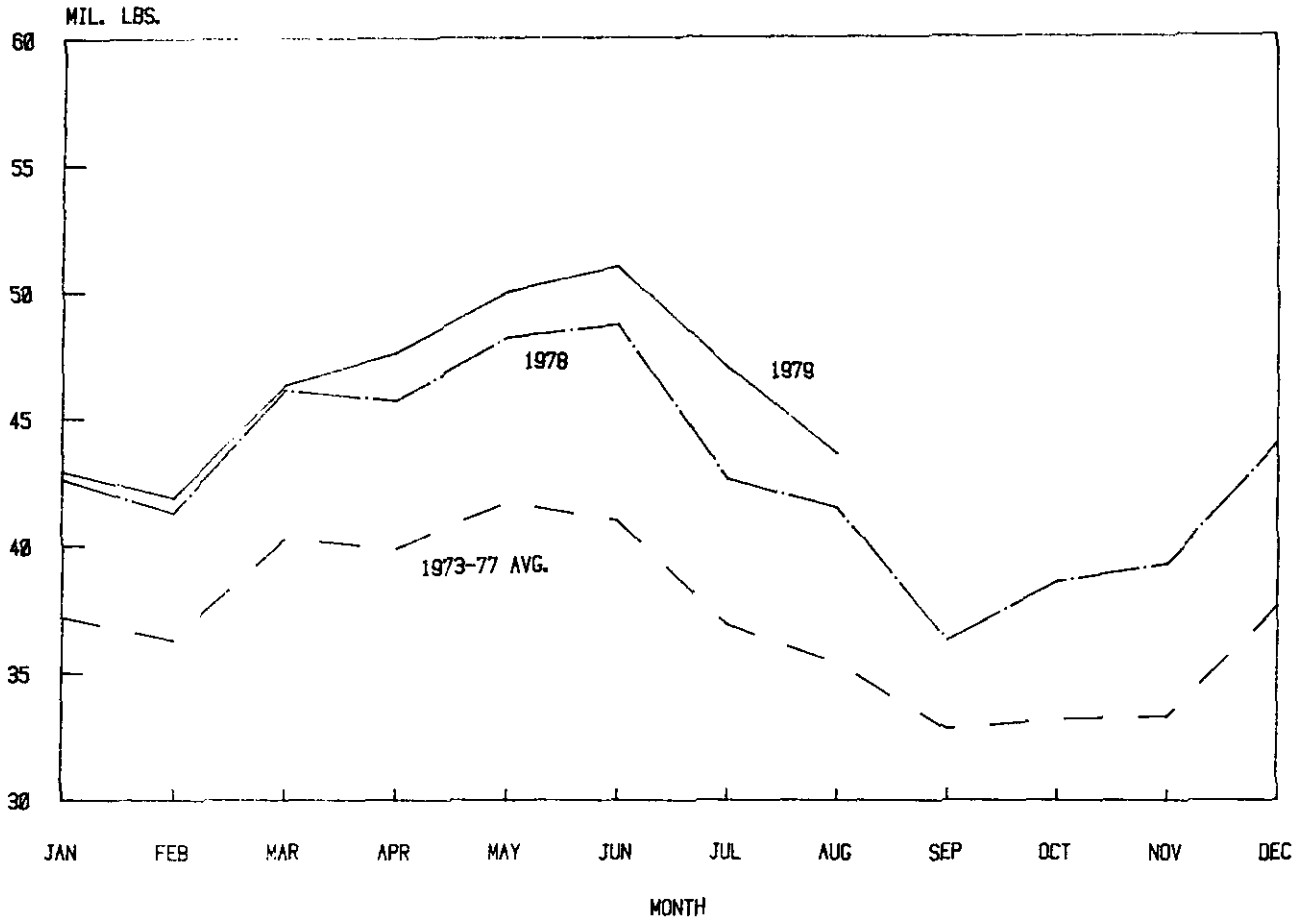
Butter-powder, \$10.92, up 32 cents from July, and \$1.33 above August 1978.

American cheese, \$11.17, an increase of 32 cents from the previous month and \$1.47 above the previous year.

Miscellaneous cheese, \$11.33, up 32 cents from July, and \$1.43 higher than August 1978.

Evaporated milk (canned), \$10.59, 22 cents above last month, and \$1.54 above the previous year.

## U. S. DRY WHEY PRODUCTION FOR HUMAN CONSUMPTION



UNITED STATES PRODUCTION OF DRY WHEY FOR HUMAN CONSUMPTION <sup>1/</sup>

MONTH	AVERAGE 1973-77	1978	1979
		1,000 POUNDS	
JAN	37,182	42,638	42,873
FEB	36,333	41,310	41,866
MAR	40,261	46,102	46,264
APR	39,881	45,683	47,570
MAY	41,710	48,238	49,967
JUN	41,047	48,723	50,994
JUL	36,880	42,627	47,005
AUG	35,430	41,500	43,630
SEP	32,753	36,298	
OCT	33,211	38,595	
NOV	33,263	39,326	
DEC	37,625	44,026	

<sup>1/</sup> EXCLUDES MODIFIED DRY WHEY PRODUCTION.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, AUGUST 1979

PRODUCT	1977	1978	1979	1979	PERCENT OF	
	AUG	AUG	JUL	AUG	AUG 1978	JUL 1979
	1,000 POUNDS				PERCENT	
BUTTER	77,803	63,170	74,797	64,892	103	87
CHEESE:						
AMERICAN TYPES <u>1/</u>	164,981	165,620	195,156	181,777	110	93
SWISS	16,042	18,308	20,094	19,023	104	95
BRICK AND MUNSTER	5,819	6,398	6,690	6,316	99	94
CREAM AND NEUFCHATEL	12,898	13,939	13,429	16,298	117	121
BLUE	2,937	2,789	3,080	2,936	105	95
MOZZARELLA	47,930	51,935	53,032	55,149	106	104
OTHER ITALIAN TYPES	21,033	22,843	23,083	24,565	108	106
TOTAL ITALIAN TYPES	68,963	74,778	76,115	79,714	107	105
ALL OTHER TYPES <u>2/</u>	4,074	4,652	4,386	4,817	104	110
TOTAL	275,714	286,484	318,950	310,881	109	97
COTTAGE CHEESE, CURD <u>3/</u>	59,794	61,577	55,166	57,258	93	104
COTTAGE CHEESE, CREAMED <u>4/</u>	77,248	76,795	71,341	73,338	95	103
COTTAGE CHEESE, LOWFAT <u>5/</u>	12,231	13,234	12,912	13,662	103	106
CANNED EVAPORATED AND						
CONDENSED WHOLE MILK	73,428	68,971	70,715	66,730	97	94
DRY WHOLE MILK	6,529	5,732	7,182	6,867	120	96
NONFAT DRY MILK						
FOR HUMAN FOOD	105,970	75,720	94,450	78,725	104	83
DRY SKIM MILK						
FOR ANIMAL FEED	569	644	666	516	80	77
DRY BUTTERMILK	3,619	2,950	3,483	3,023	102	87
	1,000 GALLONS				PERCENT	
ICE CREAM	83,710	84,485	80,142	84,568	100	106
ICE MILK	34,215	34,708	32,777	34,198	99	104
SHERBET	5,696	5,151	5,034	4,987	97	99
MELLORINE-TYPE						
FROZEN DESSERTS <u>6/</u>	1,944	1,654	1,473	1,660	100	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 95 PERCENT OF THE TOTAL PRODUCTION OF MAJOR DAIRY PRODUCTS.

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,  
AND PRICES, UNITED STATES, AUGUST 1979

PRODUCT	AUG 1978	JUL 1979 <sup>1/</sup>	AUG 1979	PERCENT OF	
				AUG 1978	JUL 1979
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT <sup>2/</sup>					
SWEET-TYPE, HUMAN FOOD	10,226	6,340	7,906	77	125
SWEET-TYPE, ANIMAL FEED	2,472	2,674	2,213	90	83
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>			
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	41,500	47,005	43,630	105	93
DRY WHEY, ANIMAL FEED	16,680	18,754	16,492	99	88
PARTIALLY DELACTOSED					
HUMAN FOOD	2,597	3,311	3,002	116	91
ANIMAL FEED	11,763	7,800	7,919	67	102
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,596	1,960	2,511	97	128
ANIMAL FEED	<sup>3/</sup>	<sup>3/</sup>			
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	610	994	935	153	94
ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
LACTOSE, HUMAN FOOD	8,669	9,110	8,328	96	91
LACTOSE, ANIMAL FEED	499	925	950	190	103
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,772	2,694	3,264	118	121
ANIMAL FEED	5,481	5,964	5,597	102	94
	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>	30,723	49,458	44,771	146	91
ANIMAL FEED <sup>6/</sup>	26,468	30,026	30,893	117	103
PARTIALLY DEMINERALIZED					
HUMAN FOOD	1,973	1,945	3,788	192	195
PARTIALLY DELACTOSED/DEMINERALIZED,					
HUMAN FOOD	942	1,851	1,987	211	107
ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
LACTOSE, HUMAN FOOD	10,686	9,283	8,502	80	92
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	7.4	6.4	5.6	-1.8	-0.8
SWEET-TYPE, ANIMAL FEED	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>		
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	13.6	9.8	10.0	-3.6	+0.2
DRY WHEY, ANIMAL FEED	10.8	8.2	8.1	-2.7	-0.1

<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	74,797	105	677,195	652,414	623,832	96
AUG	77,803	63,170	64,892	103	754,998	715,584	688,724	96
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	195,156	109	1,294,559	1,283,775	1,333,747	104
AUG	164,981	165,620	181,777	110	1,459,540	1,449,395	1,515,524	105
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	71,341	97	524,817	522,744	509,223	97
AUG	77,248	76,795	73,338	95	602,065	599,539	582,561	97
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	12,912	105	82,823	91,111	92,783	102
AUG	12,231	13,234	13,662	103	95,054	104,345	106,445	102
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
<b>ICE CREAM</b>								
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	80,142	100	483,617	485,018	487,430	100
AUG	83,710	84,485	84,568	100	567,327	569,503	571,998	100
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		
<b>ICE MILK</b>								
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	32,777	94	190,320	188,286	177,628	94
AUG	34,215	34,708	34,198	99	224,535	222,994	211,826	95
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		
<b>SHERBET</b>								
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	5,034	95	30,563	29,791	28,434	95
AUG	5,696	5,151	4,987	97	36,259	34,942	33,421	96
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		
<b>MELLORINE-TYPE FROZEN DESSERT</b>								
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	1,473	91	11,810	10,320	10,000	97
AUG	1,944	1,654	1,660	100	13,754	11,974	11,660	97
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	94,450	97	709,492	640,512	585,365	91
AUG	105,970	75,720	78,725	104	815,462	716,232	664,090	93
SEP	77,608	57,542			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, AUGUST 1979

STATE	AUG	AUG	JUL	AUG	PERCENT OF	
	1977	1978	1979	1979	AUG	JUL
	1,000 POUNDS				PERCENT	
CALIF	12,038	10,540	13,000	12,600	120	97
IDAHO	979	568	792	512	90	65
ILL	615	321	280	265	83	95
IND	852	532	818	634	119	78
IOWA	4,203	1,851	1,489	823	44	55
KANS	1,004	878	1,057	829	94	78
MICH	2,874	1,362	2,100	2,100	154	100
MINN	16,029	12,403	12,725	11,850	96	93
MO	1,260	1,353	1,394	1,144	85	82
N Y	1,760	1,427	2,093	1,646	115	79
N DAK	560	450	563	516	115	92
OHIO	1,909	1,383	1,847	1,130	82	61
OKLA	901	1,312	521	614	47	118
OREG	1,100	1,037	1,100	1,050	101	95
PA	2,756	2,466	3,735	2,975	121	80
S DAK	809	747	841	855	114	102
TENN	981	675	494	356	53	72
UTAH	392	371	386	375	101	97
VT	175	77	86	106	138	123
WASH	2,479	2,399	3,176	2,837	118	89
WIS	18,513	14,992	20,300	16,100	107	79
OTH STS	5,614	6,026	6,000	5,575	93	93
U S	77,803	63,170	74,797	64,892	103	87

AMERICAN CHEESE: PRODUCTION BY STATES, AUGUST 1979

STATE	AUG 1977	AUG 1978	JUL 1979	AUG 1979	PERCENT OF	
	1,000 POUNDS				AUG 1978	JUL 1979
CALIF	1,097	1,375	2,000	1,800	131	90
IDAHO	4,432	5,950	6,418	6,348	107	99
ILL	1,515	741	443	400	54	90
IND	2,593	2,629	3,684	3,350	127	91
IOWA	8,417	7,171	8,700	8,278	115	95
KANS	2,187	2,065	2,017	1,658	80	82
KY	4,866	4,053	4,360	4,245	105	97
MICH	1,862	1,866	2,200	2,100	113	95
MINN	22,286	27,149	33,270	29,675	109	89
MO	4,562	4,633	4,700	4,410	95	94
NEBR	2,463	2,571	1,799	1,636	64	91
N Y	6,065	6,416	8,800	7,274	113	83
N DAK	4,689	4,207	4,658	3,953	94	85
OHIO	2,314	2,218	3,219	2,814	127	87
OREG	2,289	2,478	2,950	2,900	117	98
S DAK	3,343	3,458	4,291	3,788	110	88
TENN	1,799	1,844	1,565	1,672	91	107
UTAH	3,528	3,510	4,350	3,927	112	90
VT	1,549	2,082	2,084	1,989	96	95
WIS	73,345	70,541	82,700	79,700	113	96
OTH STS	9,780	8,663	10,948	9,860	114	90
U S	164,981	165,620	195,156	181,777	110	93

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, AUGUST 1979

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	AUG 1978	AUG 1979	OCT 1, 1977 THROUGH AUG 31, 1978	OCT 1, 1978 THROUGH AUG 31, 1979	AUG 31, 1978	AUG 31, 1979 1/
	1,000 POUNDS					
BUTTER	0	0	147,075	59,763	219,121	157,080
CHEESE	5,712	268	46,478	12,443	39,980	3,789
NONFAT DRY MILK	18,839	14,961	330,800	192,491	598,936	473,900

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 6,961,000 POUNDS; PROCESSED CHEESE, 3,789,000 POUNDS AND FORTIFIED NONFAT DRY MILK, 88,248,000 POUNDS.



ICE CREAM: PRODUCTION BY STATES, AUGUST 1979

STATE	AUG 1977	AUG 1978	JUL 1979	AUG 1979	PERCENT OF	
	1,000 GALLONS				AUG 1978	JUL 1979
					PERCENT	
ALA	1,162	1,227	1,346	1,321	108	98
ARIZ	644	583	591	585	100	99
CALIF	8,755	9,151	8,500	9,200	101	108
COLO	881	961	875	965	100	110
CONN	2,164	1,894	2,160	2,270	120	105
FLA	2,715	2,838	2,863	2,860	101	100
GA	585	603	572	638	106	112
ILL	3,860	3,921	3,570	3,890	99	109
IND	2,929	2,607	2,288	2,402	92	105
IOWA	1,036	1,181	1,414	1,492	126	106
KANS	845	605	634	711	118	112
LA	1,009	865	780	760	88	97
MD 1/	1,926	2,175	2,010	2,100	97	104
MASS	4,807	4,382	3,920	3,530	81	90
MICH	3,670	3,696	3,900	3,700	100	95
MINN	3,051	3,317	2,970	3,450	104	116
MO	1,945	1,803	1,700	1,850	103	109
NEBR	1,011	1,071	1,135	1,448	135	128
N J	1,189	750	700	730	97	104
N Y	6,283	6,477	6,050	6,700	103	111
N C	2,773	2,715	2,795	2,820	104	101
OHIO	5,043	4,918	4,225	4,650	95	110
OKLA	898	951	868	865	91	100
OREG	851	883	680	900	102	132
PA	6,795	7,793	7,350	8,055	103	110
S C	1,488	1,529	1,004	1,030	67	103
TENN	1,931	2,200	2,121	2,316	105	109
TEX	3,719	4,014	3,821	3,840	96	100
UTAH	702	784	779	922	118	118
VA	832	861	738	879	102	119
WASH	1,773	1,482	2,003	1,837	124	92
WIS	1,857	1,930	1,900	1,980	103	104
OTH STS	4,581	4,318	3,880	3,872	90	100
U S	83,710	84,485	80,142	84,568	100	106

1/ INCLUDES DISTRICT OF COLUMBIA.

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

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1978	JUL 1979	AUG 1979	AUG 1978	JUL 1979	AUG 1979	AUG 1978	JUL 1979	AUG 1979
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	8.95	10.26	10.43	3.46	3.45	3.47	2.59	2.97	3.01
S ATL & CENTRAL	9.05	10.48	10.71	3.50	3.45	3.49	2.59	3.04	3.07
WEST	9.27	10.30	10.56	3.29	3.21	3.25	2.82	3.21	3.25
U S	9.05	10.37	10.59	3.45	3.41	3.44	2.62	3.04	3.08

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, 1979

PRODUCT	AUG 1977	AUG 1978	JUL 1979 <sup>4/</sup>	AUG 1979	PERCENT OF	
					AUG 1978	JUL 1979
MANUFACTURERS' SHIPMENTS <sup>1/</sup> 1,000 POUNDS						
					PERCENT	
DRY WHOLE MILK	8,779	4,799	4,739	6,743	141	142
NONFAT DRY MILK FOR HUMAN FOOD	106,552	90,156	98,925	77,555	86	78
DRY SKIM MILK FOR ANIMAL FEED	709	691	722	588	85	81
DRY BUTTERMILK, FOR HUMAN FOOD	4,677	3,117	3,798	3,800	122	100
DRY BUTTERMILK, TOTAL	4,719	3,185	3,925	3,876	122	99
MANUFACTURERS' STOCKS, END-OF-MONTH <sup>2/</sup> 1,000 POUNDS						
					PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	158,721	134,380	134,686	131,670	98	98
DRY WHOLE MILK	6,511	9,307	8,202	7,164	77	87
NONFAT DRY MILK FOR HUMAN FOOD	109,621	73,888	123,207	110,180	149	89
DRY SKIM MILK FOR ANIMAL FEED	2,604	1,431	1,567	1,618	113	103
DRY BUTTERMILK, TOTAL	4,913	2,440	6,805	4,881	200	72
MANUFACTURERS' SELLING PRICES <sup>3/</sup> CENTS PER POUND						
					CHANGE-CENTS	
DRY WHOLE MILK	28.49	90.66	101.15	103.31	+12.65	+2.16
NONFAT DRY MILK FOR HUMAN FOOD	68.11	71.47	79.70	80.08	+8.61	+0.38
DRY SKIM MILK FOR ANIMAL FEED	35.33	34.07	30.76	37.23	+3.16	+6.47
DRY BUTTERMILK FOR HUMAN FOOD	57.49	67.53	75.74	75.31	+7.78	-0.43
DRY BUTTERMILK FOR ANIMAL FEED	29.16	33.23	33.79	33.54	+0.31	-0.25

<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, AUGUST 1979

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1978	JUL 1979	AUG 1979	AUG 1978	JUL 1979	AUG 1979	AUG 1978	JUL 1979	AUG 1979
	DOLLARS			PERCENT			DOLLARS		
MILK FOR:									
BUTTER									
BY-PRODUCTS	9.59	10.60	10.92	3.53	3.50	3.52	2.72	3.03	3.10
AMERICAN CHEESE	9.70	10.85	11.17	3.56	3.54	3.57	2.72	3.06	3.13
MISC. CHEESE:									
SWISS	10.02	11.12	11.33	3.47	3.50	3.52	2.89	3.18	3.22
BRICK & MUNSTER	9.90	10.87	11.26	3.52	3.54	3.55	2.81	3.07	3.17
ITALIAN	9.85	10.99	11.32	3.57	3.55	3.57	2.76	3.10	3.17
ALL OTHER	9.87	11.02	11.50	3.65	3.57	3.60	2.70	3.09	3.19
ALL MISC. CHEESE	9.90	11.01	11.33	3.54	3.54	3.56	2.80	3.11	3.18
ALL CHEESE	9.75	10.89	11.21	3.55	3.54	3.57	2.75	3.08	3.14

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 1979

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1978	JUL 1979	AUG 1979	AUG 1978	JUL 1979	AUG 1979	AUG 1978	JUL 1979	AUG 1979
	DOLLARS			PERCENT			DOLLARS		
MILK FOR BUTTER AND BY-PRODUCTS									
CALIF	9.49	10.40	10.70	3.78	3.66	3.73	2.51	2.85	2.87
IOWA	9.63	10.79	10.99	3.55	3.46	3.48	2.71	3.12	3.16
MINN	9.56	10.50	10.85	3.44	3.45	3.44	2.78	3.04	3.15
WIS	9.81	10.99	11.42	3.61	3.61	3.69	2.72	3.04	3.09
U S	9.59	10.60	10.92	3.53	3.50	3.52	2.72	3.03	3.10
MILK FOR AMERICAN CHEESE									
IDAHO	9.59	10.80	11.10	3.36	3.31	3.37	2.85	3.26	3.29
IOWA	9.82	10.90	11.30	3.53	3.48	3.57	2.78	3.13	3.17
KANS	9.20	10.40	10.69	3.42	3.41	3.45	2.69	3.05	3.10
KY	8.30	10.30	10.40	3.52	3.50	3.52	2.36	2.94	2.95
MINN	9.68	10.80	10.99	3.50	3.54	3.51	2.77	3.05	3.13
MO	9.00	10.55	10.75	3.50	3.47	3.50	2.57	3.04	3.07
NEBR	9.49	10.36	10.65	3.44	3.38	3.40	2.76	3.07	3.13
N DAK	9.30	10.40	10.80	3.56	3.38	3.49	2.61	3.08	3.09
S DAK	9.51	10.76	11.13	3.52	3.48	3.51	2.70	3.09	3.17
TENN	8.55	10.10	10.20	3.72	3.63	3.65	2.30	2.78	2.79
WIS	9.94	11.11	11.50	3.64	3.62	3.65	2.73	3.07	3.15
U S	9.70	10.85	11.17	3.56	3.54	3.57	2.72	3.06	3.13

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

