

DAIRY PRODUCTS



Economics, Statistics, &
Cooperatives Service

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AUGUST HIGHLIGHTS

Butter production was 77.7 million pounds in August, 9 percent less than July but 21 percent more than August 1979.

American type cheese totaled 193 million pounds, 6 percent below last month but 7 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 317 million pounds, down 4 percent from the previous month but 2 percent above the previous year.

Creamed cottage cheese, 71.9 million pounds, down 2 percent from a year ago.

Lowfat cottage cheese, 15.3 million pounds, 10 percent more than a year earlier.

Canned evaporated and condensed whole milk, 57.8 million pounds, down 15 percent from August 1979.

Frozen desserts: (Comparisons with August 1979)

Ice cream -- 83.3 million gallons, down 1 percent.

Ice milk -- 31.3 million gallons, down 6 percent.

Sherbet -- 5.06 million gallons, up 2 percent.

Dry milk products: (Comparisons with August 1979)

Nonfat dry milk for human food -- 102 million pounds, up 28 percent.

Dry whole milk -- 6.16 million pounds, down 19 percent.

Dry buttermilk -- 2.45 million pounds, down 11 percent.

MANUFACTURING GRADE MILK PRICES

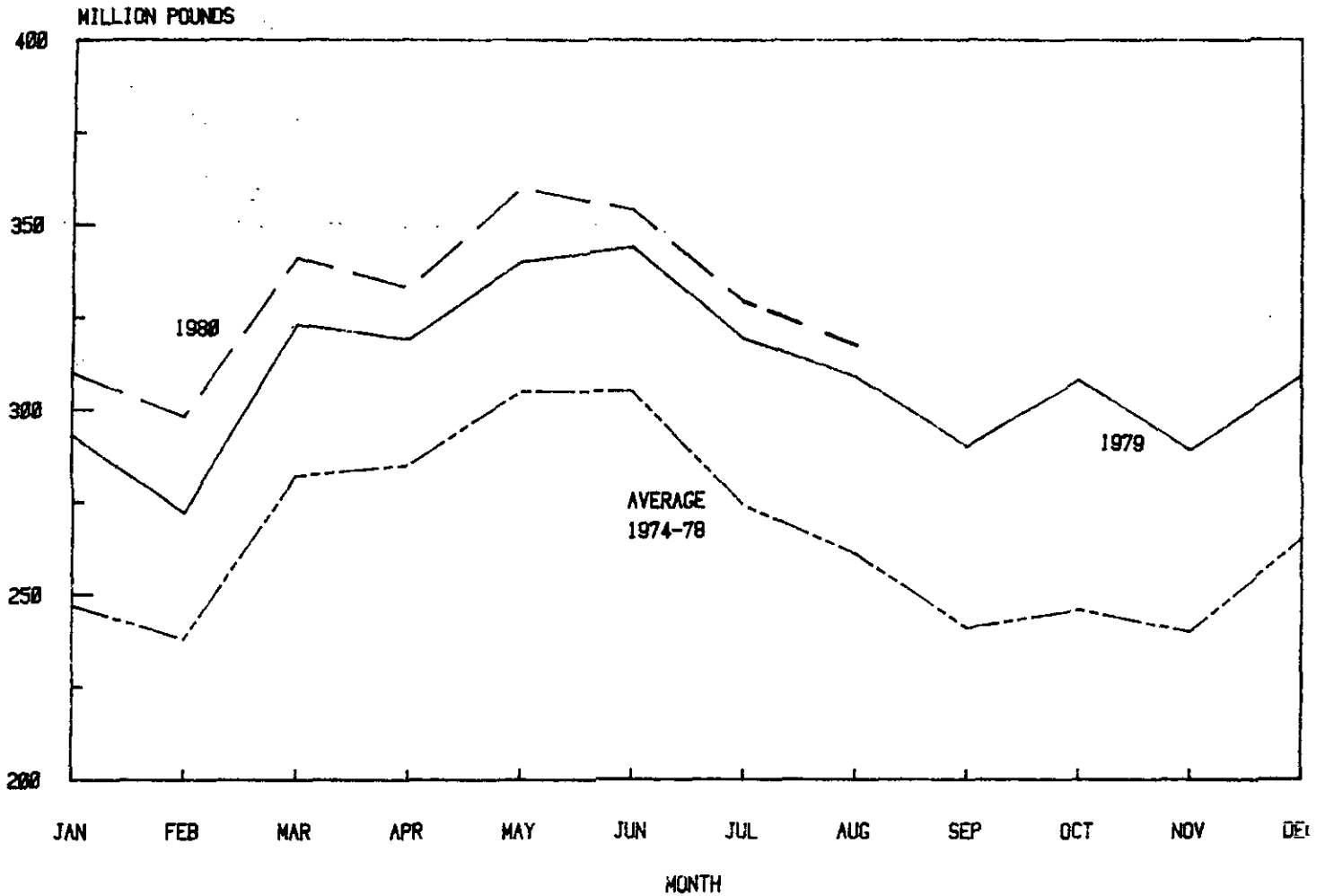
Butter and By-Products, \$11.81, up 13 cents from July and 94 cents above August 1979.

American cheese, \$11.80, an increase of 12 cents from the previous month and 65 cents above the previous year.

Miscellaneous cheese, \$11.94, up 17 cents from July, and 65 cents higher than August 1979.

Evaporated milk (canned), \$11.39, 15 cents above last month, and 82 cents above the previous year.

U. S. TOTAL CHEESE PRODUCTION



U. S. TOTAL CHEESE PRODUCTION

MONTH	AVERAGE 1974-78	1979	1980
	1,000 POUNDS		
JAN	247,452	292,528	310,486
FEB	237,987	272,195	297,877
MAR	281,995	323,024	341,084
APR	284,827	318,771	332,846
MAY	305,397	340,443	359,560
JUN	304,723	343,782	354,203
JUL	274,070	318,760	329,438
AUG	261,128	308,983	316,702
SEP	241,467	290,668	
OCT	246,032	307,982	
NOV	239,597	289,484	
DEC	264,773	308,670	

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, AUGUST 1980

PRODUCT	1978	1979	1980	1980	PERCENT OF	
	AUG	AUG	JUL	AUG	AUG 1979	JULY 1980
	1,000 POUNDS				PERCENT	
BUTTER	63,170	64,300	85,035	77,747	121	91
CHEESE:						
AMERICAN TYPES <u>1/</u>	165,620	180,253	205,919	192,667	107	94
SWISS	18,308	18,685	19,761	19,047	102	96
BRICK AND MUNSTER	6,398	6,722	6,651	6,991	104	105
CREAM AND NEUFCHATEL	13,939	16,310	14,360	14,347	88	100
BLUE	2,789	3,095	2,795	2,295	74	82
MOZZARELLA	51,935	54,020	51,952	53,603	99	103
OTHER ITALIAN TYPES	22,868	24,471	23,005	22,180	91	96
TOTAL ITALIAN TYPES	74,803	78,491	74,957	75,783	97	101
ALL OTHER TYPES <u>2/</u>	4,652	5,427	4,995	5,572	103	112
TOTAL	286,509	308,983	329,438	316,702	102	96
COTTAGE CHEESE, CURD <u>3/</u>	61,577	57,517	60,068	57,204	99	95
COTTAGE CHEESE, CREAMED <u>4/</u>	76,636	73,599	75,113	71,912	98	96
COTTAGE CHEESE, LOWFAT <u>5/</u>	13,393	13,879	15,941	15,296	110	96
CANNED EVAPORATED AND CONDENSED WHOLE MILK	68,971	67,703	66,858	57,794	85	86
DRY WHOLE MILK	5,732	7,628	7,367	6,164	81	84
NONFAT DRY MILK FOR HUMAN FOOD	75,720	79,844	122,064	102,098	128	84
DRY SKIM MILK FOR ANIMAL FEED	644	520	783	668	128	85
DRY BUTTERMILK	2,950	2,746	3,901	2,451	89	63
	1,000 GALLONS				PERCENT	
FROZEN PRODUCTS:						
ICE CREAM	84,224	84,110	86,980	83,348	99	96
ICE MILK (HARD)	9,964	9,244	9,566	9,209	100	96
ICE MILK (SOFT)	25,303	24,090	24,741	22,058	92	89
ICE MILK (TOTAL)	35,267	33,334	34,307	31,267	94	91
SHERBET	5,151	4,980	5,615	5,059	102	90
MELLORINE <u>6/</u>	1,654	1,628	1,663	1,419	87	85
MIX FOR PRODUCTS:						
ICE CREAM MIX	43,261	42,980	45,910	42,990	100	94
ICE MILK MIX	21,832	21,153	21,529	19,552	92	91
SHERBET MIX	3,460	3,283	3,890	3,406	104	88
MELLORINE MIX <u>6/</u>	954	938	919	790	84	86

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 AND STATISTICS 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,
AND PRICES, UNITED STATES, AUGUST 1980

PRODUCT	PRODUCTION			PERCENT OF	
	AUG 1979	JUL 1980 ^{1/}	AUG 1980	AUG 1979	JUL 1980
	PRODUCTION 1,000 POUNDS			PERCENT	
CONDENSED WHEY, SOLIDS CONTENT ^{2/}					
SWEET-TYPE, HUMAN FOOD	7,471	4,361	5,631	75	129
SWEET-TYPE, ANIMAL FEED	2,213	986	1,186	54	120
ACID-TYPE, HUMAN FOOD AND ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	43,519	43,382	40,230	92	93
DRY WHEY, ANIMAL FEED	16,424	11,703	9,995	61	85
PARTIALLY DELACTOSED					
HUMAN FOOD	3,044	2,805	3,168	104	113
ANIMAL FEED	7,919	10,564	9,041	114	86
PARTIALLY DEMINERALIZED					
HUMAN FOOD	2,511	2,262	2,297	91	102
ANIMAL FEED	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD	934	220	242	26	110
PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
LACTOSE, HUMAN FOOD	8,433	8,723	8,905	106	102
LACTOSE, ANIMAL FEED	950	2,019	1,585	167	79
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	3,562	2,343	3,213	90	137
ANIMAL FEED	5,090	6,990	8,048	158	115
	MANUFACTURERS' STOCKS, END OF MONTH ^{5/}				
	1,000 POUNDS			PERCENT	
DRY WHEY PRODUCTS					
DRY WHEY AND PARTIALLY DELACTOSED					
HUMAN FOOD ^{6/}	44,769	32,128	28,171	63	88
ANIMAL FEED ^{6/}	30,891	37,710	33,231	108	88
PARTIALLY DEMINERALIZED					
HUMAN FOOD	1,988	3,026	2,542	128	84
PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD	1,987	596	511	26	86
PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
LACTOSE, HUMAN FOOD	8,502	7,802	8,633	102	111
LACTOSE, ANIMAL FEED	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
	MANUFACTURERS' SELLING PRICE ^{7/}			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS ^{2/}					
SWEET-TYPE, HUMAN FOOD	5.6	6.2	7.3	+1.7	+1.1
SWEET-TYPE, ANIMAL FEED	2.5	3.7	3.7	+1.2	N.C.
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	10.0	10.2	11.5	+1.5	+1.3
DRY WHEY, ANIMAL FEED	8.1	8.2	9.1	+1.0	+0.9

1/ REVISED. 2/ FINAL MARKETABLE PRODUCT ONLY. DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED WHEY PRODUCTS. 3/ NONE REPORTED. 4/ NOT PUBLISHED TO AVOID DISCLOSURE OF INDIVIDUAL PLANT OPERATIONS. 5/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT. 6/ DRY WHEY AND PARTIALLY DELACTOSED WHEY STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. 7/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1978-80

MONTH	BY MONTH				CUMULATIVE			
	1978	1979	1980	1980 AS % OF 1979	1978	1979	1980	1980 AS % OF 1979
	1,000 POUNDS			PERCENT	1,000 POUNDS			PERCENT
BUTTER								
JAN	107,399	98,435	103,771	105	107,399	98,435	103,771	105
FEB	95,469	86,714	99,081	114	202,868	185,149	202,852	110
MAR	98,216	89,773	101,689	113	301,084	274,922	304,541	111
APR	97,192	92,356	111,140	120	398,276	367,278	415,681	113
MAY	97,559	99,212	116,404	117	495,835	466,490	532,085	114
JUN	85,139	82,991	93,781	113	580,974	549,481	625,866	114
JUL	71,440	72,523	85,035	117	652,414	622,004	710,901	114
AUG	63,170	64,300	77,747	121	715,584	686,304	788,648	115
SEP	64,001	60,494			779,585	746,798		
OCT	70,576	78,006			850,161	824,804		
NOV	66,470	75,754			916,631	900,558		
DEC	77,659	84,046			994,290	984,604		
AMERICAN CHEESE								
JAN	161,058	173,072	182,009	105	161,058	173,072	182,009	105
FEB	154,206	163,440	176,528	108	315,264	336,512	358,537	107
MAR	182,568	186,227	194,517	104	497,832	522,739	553,054	106
APR	189,622	192,631	203,560	106	687,454	715,370	756,614	106
MAY	208,719	210,483	230,481	110	896,173	925,853	987,095	107
JUN	208,044	209,696	223,055	106	1,104,217	1,135,549	1,210,150	107
JUL	179,558	192,988	205,919	107	1,283,775	1,328,537	1,416,069	107
AUG	165,620	180,253	192,667	107	1,449,395	1,508,790	1,608,736	107
SEP	146,376	167,731			1,595,771	1,676,521		
OCT	156,727	174,393			1,752,498	1,850,914		
NOV	151,431	161,376			1,903,929	2,012,290		
DEC	170,273	175,413			2,074,202	2,187,703		
ITALIAN CHEESE								
JAN	68,352	75,156	81,335	108	68,352	75,156	81,335	108
FEB	64,654	69,313	78,090	113	133,006	144,469	159,425	110
MAR	78,905	82,011	92,925	113	211,911	226,480	252,350	111
APR	70,934	80,257	81,197	101	282,845	306,737	333,547	109
MAY	76,681	81,422	80,517	99	359,526	388,159	414,064	107
JUN	73,068	80,133	77,108	96	432,594	468,292	491,172	105
JUL	69,670	77,141	74,957	97	502,264	545,433	566,129	104
AUG	74,803	78,491	75,783	97	577,067	623,924	641,912	103
SEP	72,142	71,714			649,209	695,638		
OCT	74,058	79,027			723,267	774,665		
NOV	73,781	74,172			797,048	848,837		
DEC	78,608	80,253			875,656	929,090		
TOTAL CHEESE								
JAN	271,126	292,528	310,486	106	271,126	292,528	310,486	106
FEB	259,956	272,195	297,877	109	531,082	564,723	608,363	108
MAR	314,407	323,024	341,084	106	845,489	887,747	949,447	107
APR	303,689	318,771	332,846	104	1,149,178	1,206,518	1,282,293	106
MAY	332,906	340,443	359,560	106	1,482,084	1,546,961	1,641,853	106
JUN	331,969	343,782	354,203	103	1,814,053	1,890,743	1,996,056	106
JUL	293,644	318,760	329,438	103	2,107,697	2,209,503	2,325,494	105
AUG	286,509	308,983	316,702	102	2,394,206	2,518,486	2,642,196	105
SEP	265,017	290,668			2,659,223	2,809,154		
OCT	279,358	307,982			2,938,581	3,117,136		
NOV	279,684	289,484			3,218,265	3,406,620		
DEC	301,419	308,670			3,519,684	3,715,290		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1978-80

MONTH	BY MONTH				CUMULATIVE			
	1978	1979	1980	1980 AS % OF 1979	1978	1979	1980	1980 AS % OF 1979
	1,000 GALLONS		PERCENT		1,000 GALLONS		PERCENT	
ICE CREAM								
JAN	52,973	55,244	57,424	104	52,973	55,244	57,424	104
FEB	56,804	56,154	59,311	106	109,777	111,398	116,735	105
MAR	70,965	69,753	68,459	98	180,742	181,151	185,194	102
APR	65,205	67,515	69,295	103	245,947	248,666	254,489	102
MAY	73,643	73,510	73,020	99	319,590	322,176	327,509	102
JUN	85,321	80,203	80,779	101	404,911	402,379	408,288	101
JUL	79,535	79,771	86,980	109	484,446	482,150	495,268	103
AUG	84,224	84,110	83,348	99	568,670	566,260	578,616	102
SEP	71,847	70,089			640,517	636,349		
OCT	65,276	66,972			705,793	703,321		
NOV	57,387	55,873			763,180	759,194		
DEC	52,180	51,885			815,360	811,079		
ICE MILK								
JAN	15,589	16,940	16,637	98	15,589	16,940	16,637	98
FEB	17,779	17,742	17,832	101	33,368	34,682	34,469	99
MAR	25,709	25,541	22,171	87	59,077	60,223	56,640	94
APR	26,516	25,568	25,197	99	85,593	85,791	81,837	95
MAY	32,498	30,591	29,473	96	118,091	116,382	111,310	96
JUN	36,385	32,710	31,767	97	154,476	149,092	143,077	96
JUL	35,370	32,571	34,307	105	189,846	181,663	177,384	98
AUG	35,267	33,334	31,267	94	225,113	214,997	208,651	97
SEP	27,234	25,757			252,347	240,754		
OCT	23,279	22,588			275,626	263,342		
NOV	18,569	17,770			294,195	281,112		
DEC	15,868	15,696			310,063	296,808		
SHERBET								
JAN	2,947	2,950	3,011	102	2,947	2,950	3,011	102
FEB	2,705	2,569	2,877	112	5,652	5,519	5,888	107
MAR	4,044	3,638	3,600	99	9,696	9,157	9,488	104
APR	4,047	3,960	3,832	97	13,743	13,117	13,320	102
MAY	4,745	4,420	4,297	97	18,488	17,537	17,617	100
JUN	6,017	5,112	5,054	99	24,505	22,649	22,671	100
JUL	5,286	5,069	5,615	111	29,791	27,718	28,286	102
AUG	5,151	4,980	5,059	102	34,942	32,698	33,345	102
SEP	4,005	3,707			38,947	36,405		
OCT	3,504	3,285			42,451	39,690		
NOV	2,881	2,705			45,332	42,395		
DEC	2,702	2,661			48,034	45,056		
MELLORINE-TYPE FROZEN DESSERT								
JAN	1,009	960	864	90	1,009	960	864	90
FEB	1,062	1,157	973	84	2,071	2,117	1,837	87
MAR	1,547	1,417	1,020	72	3,618	3,534	2,857	81
APR	1,577	1,397	1,293	93	5,195	4,931	4,150	84
MAY	1,664	1,561	1,480	95	6,859	6,492	5,630	87
JUN	1,835	1,663	1,513	91	8,694	8,155	7,143	88
JUL	1,626	1,607	1,663	103	10,320	9,762	8,806	90
AUG	1,654	1,628	1,419	87	11,974	11,390	10,225	90
SEP	1,366	1,286			13,340	12,676		
OCT	1,251	1,190			14,591	13,866		
NOV	916	973			15,507	14,839		
DEC	757	733			16,264	15,572		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1978-80

MONTH	BY MONTH				CUMULATIVE			
	1978	1979	1980	1980 AS % OF 1979	1978	1979	1980	1980 AS % OF 1979
	1,000 POUNDS		PERCENT		1,000 POUNDS		PERCENT	
NONFAT DRY MILK								
HUMAN FOOD								
JAN	76,994	51,409	74,976	146	76,994	51,409	74,976	146
FEB	68,667	53,916	75,758	141	145,661	105,325	150,734	143
MAR	84,428	75,456	90,136	119	230,089	180,781	240,870	133
APR	94,681	89,763	112,041	125	324,770	270,544	352,911	130
MAY	103,611	108,500	133,439	123	428,381	379,044	486,350	128
JUN	114,909	112,014	132,641	118	543,290	491,058	618,991	126
JUL	97,222	95,378	122,064	128	640,512	586,436	741,055	126
AUG	75,720	79,844	102,098	128	716,232	666,280	843,153	127
SEP	57,542	55,944			773,774	722,224		
OCT	48,145	58,278			821,919	780,502		
NOV	42,680	56,345			864,599	836,847		
DEC	55,823	71,866			920,422	908,713		
TOTAL DRY WHEY 1/								
JAN	52,409	62,966	58,553	93	52,409	62,966	58,553	93
FEB	53,092	58,663	57,798	99	105,501	121,629	116,351	96
MAR	62,542	66,281	59,555	90	168,043	187,910	175,906	94
APR	66,711	68,586	59,800	87	234,754	256,496	235,706	92
MAY	71,336	72,246	61,383	85	306,090	328,742	297,089	90
JUN	69,930	73,334	57,555	78	376,020	402,076	354,644	88
JUL	61,018	66,892	55,085	82	437,038	468,968	409,729	87
AUG	58,180	59,943	50,225	84	495,218	528,911	459,954	87
SEP	53,294	53,372			548,512	582,283		
OCT	51,209	51,320			599,721	633,603		
NOV	52,611	47,868			652,332	681,471		
DEC	59,158	51,470			711,490	732,941		
CREAMED COTTAGE CHEESE								
JAN	68,248	67,737	67,063	99	68,248	67,737	67,063	99
FEB	69,553	64,800	68,504	106	137,801	132,537	135,567	102
MAR	79,105	77,468	72,241	93	216,906	210,005	207,808	99
APR	74,057	70,013	71,121	102	290,963	280,018	278,929	100
MAY	80,121	77,007	74,644	97	371,084	357,025	353,573	99
JUN	77,022	73,602	70,181	95	448,106	430,627	423,754	98
JUL	73,599	72,198	75,113	104	521,705	502,825	498,867	99
AUG	76,636	73,599	71,912	98	598,341	576,424	570,779	99
SEP	72,248	66,250			670,589	642,674		
OCT	71,853	71,236			742,442	713,910		
NOV	67,658	63,834			810,100	777,744		
DEC	60,429	60,027			870,529	837,771		
LOWFAT COTTAGE CHEESE								
JAN	12,229	12,355	13,174	107	12,229	12,355	13,174	107
FEB	11,693	11,948	14,026	117	23,922	24,303	27,200	112
MAR	14,339	14,710	14,399	98	38,261	39,013	41,599	107
APR	13,096	13,280	15,025	113	51,357	52,293	56,624	108
MAY	14,598	14,659	15,907	109	65,955	66,952	72,531	108
JUN	13,748	13,499	15,405	114	79,703	80,451	87,936	109
JUL	12,448	13,155	15,941	121	92,151	93,606	103,877	111
AUG	13,393	13,879	15,296	110	105,544	107,485	119,173	111
SEP	12,923	12,884			118,467	120,369		
OCT	12,470	13,380			130,937	133,749		
NOV	11,570	11,868			142,507	145,617		
DEC	10,632	10,973			153,139	156,590		

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS

AMERICAN CHEESE: PRODUCTION BY STATES, AUGUST 1980

STATE	1,000 POUNDS				PERCENT OF	
	AUG 1978	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980
CALIF	1,375	1,793	5,150	4,500	251	87
IDAHO	5,950	6,348	7,546	7,939	125	105
ILL	741	444	371	326	73	88
IND	2,629	3,486	4,167	3,937	113	94
IOWA	7,171	8,139	8,510	7,630	94	90
KANS	2,065	1,658	2,042	1,930	116	95
KY	4,053	4,245	3,114	3,525	83	113
MICH	1,866	1,849	2,400	2,100	114	88
MINN	27,149	30,608	35,930	33,725	110	94
MO	4,633	3,969	3,900	3,850	97	99
NEBR	2,571	1,685	1,910	1,803	107	94
N Y	6,416	7,266	7,228	5,849	80	81
N DAK	4,207	3,920	4,450	4,190	107	94
OHIO	2,218	2,820	3,541	2,930	104	83
OREG	2,478	2,971	2,600	2,600	88	100
S DAK	3,458	3,739	4,857	4,522	121	93
TENN	1,844	1,672	2,094	2,430	145	116
UTAH	3,510	3,923	4,555	4,420	113	97
VT	2,082	1,989	2,135	2,186	110	102
WIS	70,541	77,879	88,100	81,100	104	92
OTH STS	8,663	9,850	11,319	11,175	113	99
U S	165,620	180,253	205,919	192,667	107	94

BUTTER: PRODUCTION BY STATES, AUGUST 1980

STATE	1,000 POUNDS				PERCENT OF	
	AUG 1978	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980
CALIF	10,540	12,784	15,500	14,500	113	94
IDAHO	568	512	1,303	1,004	196	77
ILL	321	270	175	260	96	149
IND	532	399	1,389	609	153	44
IOWA	1,851	823	2,390	955	116	40
KANS	878	829	1,260	1,529	184	121
MICH	1,362	2,052	3,000	2,350	115	78
MINN	12,403	11,478	13,090	13,800	120	105
MO	1,353	1,444	1,809	1,871	164	103
N Y	1,427	1,629	3,220	2,065	127	64
N DAK	450	511	560	414	81	74
OHIO	1,383	1,132	1,780	1,220	108	69
OKLA	1,312	614	484	480	78	99
OREG	1,037	939	1,200	1,155	123	96
PA	2,466	2,972	4,345	3,835	129	88
S DAK	747	845	808	754	89	93
TENN	675	356	396	554	156	140
UTAH	371	375	476	480	128	101
VT	77	106	68	134	126	197
WASH	2,399	2,837	3,704	3,372	119	91
WIS	14,992	16,000	22,400	20,200	126	90
OTH STS	6,026	5,693	5,678	6,206	109	109
U S	63,170	64,300	85,035	77,747	121	91

ICE CREAM: PRODUCTION BY STATES, AUGUST 1980

STATE	AUG 1978	AUG 1979	JUL 1980	AUG 1980	PERCENT OF	
					AUG 1979	JUL 1980
	1,000 GALLONS				PERCENT	
ALA	1,227	1,250	1,432	1,257	101	88
ARIZ	583	583	580	595	102	103
CALIF	9,151	9,286	9,650	9,300	100	96
COLO	961	935	1,058	875	94	83
CONN	1,894	2,362	2,180	2,100	89	96
FLA	2,838	2,902	2,938	2,747	95	93
GA	603	650	623	550	85	88
ILL	3,921	3,896	4,230	4,170	107	99
IND	2,607	2,366	3,437	3,283	139	96
IOWA	1,181	1,508	1,405	1,360	90	97
KANS	605	711	852	745	105	87
LA	865	771	820	709	92	86
MD 1/	2,175	2,073	1,880	1,705	82	91
MASS	4,382	4,463	4,120	4,800	108	117
MICH	3,696	3,333	3,700	3,300	99	89
MINN	3,317	3,324	3,040	2,745	83	90
MO	1,803	1,891	2,100	1,820	96	87
NEBR	1,071	1,457	1,251	1,170	80	94
N J	750	765	760	700	92	92
N Y	6,477	6,221	5,600	6,100	98	109
N C	2,715	2,816	2,957	2,764	98	93
OHIO	4,918	4,734	5,100	5,000	106	98
OKLA	951	868	1,163	1,040	120	89
OREG	883	939	810	820	87	101
PA	7,532	7,712	8,280	8,145	106	98
S C	1,529	1,026	1,005	1,089	106	108
TENN	2,200	2,117	2,234	1,959	93	88
TEX	4,014	3,917	4,460	3,857	98	86
UTAH	784	797	868	793	99	91
VA	861	915	890	820	90	92
WASH	1,482	1,890	1,536	1,532	81	100
WIS	1,930	1,890	2,175	1,900	101	87
OTH STS	4,318	3,742	3,846	3,598	96	94
U S	84,224	84,110	86,980	83,348	99	96

1/ INCLUDES DISTRICT OF COLUMBIA.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED PRIMARILY FOR CANNED EVAPORATED MILK BY REGIONS, AUGUST 1980

REGION	PRICE PER 100 LB OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980	AUG 1980
	DOLLARS			PERCENT			DOLLARS		
NORTH CENTRAL	10.39	10.92	11.23	3.46	3.33	3.40	3.00	3.28	3.30
S ATL & CENTRAL	10.73	11.43	11.45	3.48	3.43	3.47	3.08	3.33	3.30
WEST	10.52	11.36	11.52	3.23	3.28	3.27	3.26	3.46	3.52
U S	10.57	11.24	11.39	3.43	3.37	3.41	3.08	3.34	3.34

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 1980

PRODUCT	AUG 1978	AUG 1979	JUL 1980 ^{4/}	AUG 1980	PERCENT OF	
					AUG 1979	JUL 1980
	MANUFACTURERS' SHIPMENTS ^{1/} 1,000 POUNDS				PERCENT	
DRY WHOLE MILK	4,799	6,743	5,382	6,179	92	115
NONFAT DRY MILK FOR HUMAN FOOD	90,156	77,853	133,210	99,720	128	75
DRY SKIM MILK FOR ANIMAL FEED	691	588	862	565	96	66
DRY BUTTERMILK, FOR HUMAN FOOD	3,117	3,800	5,246	4,733	125	90
DRY BUTTERMILK, TOTAL	3,185	3,876	5,316	4,751	123	89
	MANUFACTURERS' STOCKS, END-OF-MONTH ^{2/} 1,000 POUNDS				PERCENT	
CANNED EVAPORATED: AND CONDENSED WHOLE MILK	134,380	131,670	127,761	131,746	100	103
DRY WHOLE MILK	9,307	7,164	6,508	4,165	58	64
NONFAT DRY MILK FOR HUMAN FOOD	73,888	110,228	118,685	109,696	100	92
DRY SKIM MILK FOR ANIMAL FEED	1,431	1,618	3,182	3,155	195	99
DRY BUTTERMILK, TOTAL	2,440	4,881	10,057	8,542	175	85
	MANUFACTURERS' SELLING PRICES ^{3/} CENTS PER POUND				CHANGE CENTS	
DRY WHOLE MILK	90.66	103.31	110.56	111.45	+8.14	+ .89
NONFAT DRY MILK FOR HUMAN FOOD	71.47	80.08	88.86	89.26	+9.18	+ .40
DRY SKIM MILK FOR ANIMAL FEED	34.07	37.23	39.52	41.76	+4.53	+2.24
DRY BUTTERMILK, FOR HUMAN FOOD	67.53	75.31	71.19	72.46	-2.85	+1.27
DRY BUTTERMILK, FOR ANIMAL FEED	33.23	33.54	34.22	39.50	+5.96	+5.28

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. 4/ REVISED.

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	AUG 1979	AUG 1980	:OCT 1, 1978 :THROUGH :AUG 31, 1979:	:OCT 1, 1979 :THROUGH :AUG 31, 1980:	AUG 31, 1979	AUG 31, 1980 ^{1/}
	1,000 POUNDS					
BUTTER	0	0	59,763	234,970	157,080	274,439
CHEESE	268	45,461	12,443	316,693	3,789	199,196
NONFAT DRY MILK	14,961	48,518	192,491	558,291	473,900	571,611

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 3,994,000 POUNDS; PROCESSED CHEESE, 110,477,000 POUNDS AND FORTIFIED NONFAT DRY MILK, 56,138,000 POUNDS.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST
FOR MILK USED PRIMARILY FOR SPECIFIED USES, AUGUST 1980

PRIMARY USE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980	AUG 1980
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR:</u>									
BUTTER BY-PRODUCTS	10.87	11.68	11.81	3.53	3.47	3.51	3.08	3.37	3.36
AMERICAN CHEESE	11.15	11.68	11.80	3.57	3.52	3.54	3.12	3.32	3.33
<u>MISC CHEESE:</u>									
SWISS	11.25	11.74	11.88	3.50	3.49	3.53	3.21	3.36	3.37
BRICK & MUNSTER	11.36	11.69	11.93	3.54	3.50	3.56	3.21	3.34	3.35
ITALIAN	11.27	11.79	11.95	3.57	3.52	3.55	3.16	3.35	3.37
ALL OTHER	11.51	11.89	12.10	3.65	3.58	3.62	3.15	3.32	3.34
ALL MISC CHEESE	11.29	11.77	11.94	3.55	3.51	3.55	3.18	3.35	3.36
ALL CHEESE	11.19	11.70	11.84	3.56	3.52	3.54	3.14	3.32	3.34

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 1980

PRIMARY USE AND STATE	PRICE PER 100 LBS OF MILK 1/			MILKFAT TEST			PRICE PER POUND OF MILKFAT		
	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980	AUG 1980	AUG 1979	JUL 1980	AUG 1980
	DOLLARS			PERCENT			DOLLARS		
<u>MILK FOR BUTTER AND BY-PRODUCTS</u>									
CALIF	10.60	11.70	12.00	3.72	3.52	3.65	2.85	3.32	3.29
IOWA	11.03	11.72	12.00	3.46	3.50	3.57	3.19	3.35	3.36
MINN	10.90	11.65	11.65	3.48	3.44	3.43	3.13	3.39	3.40
WIS	11.32	11.80	11.98	3.60	3.59	3.62	3.14	3.29	3.31
U S	10.87	11.68	11.81	3.53	3.47	3.51	3.08	3.37	3.36
<u>MILK FOR AMERICAN CHEESE</u>									
IDAHO	11.11	11.60	11.50	3.37	3.38	3.37	3.30	3.43	3.41
IOWA	11.21	11.52	11.93	3.52	3.47	3.53	3.18	3.32	3.38
KANS	10.70	11.26	11.43	3.45	3.35	3.39	3.10	3.36	3.37
KY	10.40	11.02	11.03	3.53	3.52	3.50	2.95	3.13	3.15
MINN	11.07	11.75	11.85	3.54	3.48	3.50	3.13	3.38	3.39
MO	10.60	11.40	11.18	3.50	3.42	3.43	3.03	3.33	3.26
NEBR	10.65	11.45	11.54	3.40	3.37	3.39	3.13	3.40	3.40
N DAK	10.70	11.00	11.20	3.47	3.38	3.42	3.08	3.25	3.27
S DAK	11.13	11.53	11.66	3.51	3.43	3.45	3.17	3.36	3.38
TENN	10.15	10.99	11.07	3.62	3.59	3.61	2.80	3.06	3.07
WIS	11.49	11.89	12.06	3.64	3.60	3.63	3.16	3.30	3.32
U S	11.15	11.68	11.80	3.57	3.52	3.54	3.12	3.32	3.33

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

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