

Dairy Products



United States
Department of
Agriculture

Agricultural
Statistics
Board

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DECEMBER 1988 HIGHLIGHTS

BUTTER production was 111 million pounds, 2 percent above December 1987 and 21 percent above November 1988.

AMERICAN TYPE CHEESE production totaled 242 million pounds, 4 percent above December 1987 and 13 percent above November 1988.

TOTAL CHEESE output (excluding cottage cheese) during December was 483 million pounds, 3 percent above December 1987 and 6 percent above November 1988.

CREAMED COTTAGE CHEESE production was 46.8 million pounds, 5 percent below both December 1987 and November 1988.

LOWFAT COTTAGE CHEESE production was 20.5 million pounds, 10 percent above December 1987 but 7 percent below November 1988.

CANNED EVAPORATED AND CONDENSED WHOLE MILK, production, at 38.4 million pounds, 28 percent below December 1987 and 5 percent below November 1988.

FROZEN DESSERTS: (Comparisons with December 1987)
Ice Cream (hard) -- 54.9 million gallons, down 1 percent.
Ice Milk -- 22.0 million gallons, down 5 percent.
Sherbet -- 2.99 million gallons, down 6 percent.

DRY MILK PRODUCTS: (Comparisons with December 1987)
Nonfat dry milk for human food -- 73.4 million pounds, down 38 percent.
Dry whole milk -- 13.8 million pounds, up 2 percent.
Dry buttermilk -- 5.10 million pounds, down 38 percent.

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* The next issue of this report will be published March 6, 1989. *

BUTTER PACKAGING SURVEY

The results for September through November surveys are shown below. Note corrections in percent for printed and bulk dispositions. Total supply of butter includes butter produced, interplant movement and bulk packaged butter removed from manufacturers' owned storage. Supply is the sum of butter bulk packaged, printed, and used in other products.

MONTHLY BUTTER PACKAGING

ITEM	SEP	OCT	NOV
1,000 POUNDS			
TOTAL SUPPLY	98,980	123,001	119,221
PERCENT OF DISPOSITION			
PRINTED	50.7	58.5	64.9
PACKAGED IN BULK	45.7	37.9	31.8
USED IN OTHER PRODUCTS	3.6	3.6	3.3
PERCENT OF PRINTED			
PRINTED IN:			
QUARTERS	43.9	41.8	52.5
ONE POUND SOLIDS (COMM'L.)	35.0	27.2	22.3
INDIVIDUAL PORTIONS	14.2	10.0	8.8
ONE POUND SOLIDS (GOV.)	5.3	20.7	15.4
OTHER SIZES	1.6	0.3	1.0
PERCENT OF PACKAGED IN BULK			
BULK PACKAGED:			
SHIPPED TO OTHER PLANTS	28.1	17.8	19.3
SHIPPED TO DISTRIBUTORS & WHOLESALEERS	29.8	17.5	27.9
SHIPPED TO FOOD PROCESSORS	12.9	14.9	14.2
INSTITUTIONS, CCC,	13.9	22.1	22.8
STORAGE FOR LATER USE	15.3	27.7	15.8

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,
AND PRICES 1/, UNITED STATES, DECEMBER 1988

PRODUCT	DEC	NOV	DEC	PERCENT OF	
	1987	1988	1988	DEC	NOV
				1987:	1988
	PRODUCTION			PERCENT	
	1,000 POUNDS				
CONDENSED WHEY, SOLIDS CONTENT 2/:					
SWEET-TYPE, HUMAN FOOD	6,403	7,222	6,506	102	90
SWEET-TYPE, ANIMAL FEED	1,280	1,983	2,630	205	133
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	71,678	65,065	72,185	101	111
DRY WHEY, ANIMAL FEED	18,790	15,658	15,997	85	102
REDUCED LACTOSE AND MINERALS					
HUMAN FOOD	6,270	7,966	7,481	119	94
ANIMAL FEED	2,871	1,997	2,254	79	113
LACTOSE, HUMAN FOOD	11,557	11,600	13,768	119	119
LACTOSE, ANIMAL FEED	1,102	609	482	44	79
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,065	1,260	1,313	64	104
ANIMAL FEED	10,906	9,551	9,070	83	95
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	7,001	6,656	9,843	141	148
ANIMAL FEED	1,737	1,618	1,724	99	107
	MANUFACTURERS' STOCKS, END-OF-MONTH 3/			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY					
HUMAN FOOD	30,839	31,259	30,289	98	97
ANIMAL FEED	7,666	11,604	13,702	179	118
REDUCED LACTOSE AND MINERALS					
HUMAN AND ANIMAL 4/	3,873	10,786	10,466	270	97
LACTOSE, HUMAN FOOD	16,421	13,979	13,914	85	100
LACTOSE, ANIMAL FEED	2,571	878	430	17	49
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	2,868	1,962	4,190	146	214
ANIMAL FEED	256	35	41	16	117
	MANUFACTURERS' SELLING PRICE 5/			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	13.9	8.6	10.1	-3.8	1.5
SWEET-TYPE, ANIMAL FEED	5.9	6.0	6.0	0.1	0.0
DRY WHEY, HUMAN FOOD	24.1	14.8	15.0	-9.1	0.2
DRY WHEY, ANIMAL FEED	22.5	13.7	13.5	-9.0	-0.2

1/ STOCKS AND PRICES 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/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT. 4/ REDUCED LACTOSE AND MINERALS STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. 5/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES,

MONTH	BY MONTH			CUMULATIVE		
	1987	1988	1988 AS % OF 1987	1987	1988	1988 AS % OF 1987
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
BUTTER						
JAN	111,870	124,711	111	111,870	124,711	111
FEB	97,437	117,088	120	209,307	241,799	116
MAR	105,403	116,435	110	314,710	358,234	114
APR	102,599	111,655	109	417,309	469,889	113
MAY	98,169	107,866	110	515,478	577,755	112
JUN	81,477	91,671	113	596,955	669,426	112
JUL	75,203	75,945	101	672,158	745,371	111
AUG	66,356	74,234	112	738,514	819,605	111
SEP	77,933	83,012	107	816,447	902,617	111
OCT	91,217	92,245	101	907,664	994,862	110
NOV	87,922	92,184	105	995,586	1,087,046	109
DEC	108,549	111,237	102	1,104,135	1,198,283	109
AMERICAN CHEESE						
JAN	220,621	225,806	102	220,621	225,806	102
FEB	208,583	221,040	106	429,204	446,846	104
MAR	237,064	244,590	103	666,268	691,436	104
APR	245,216	251,819	103	911,484	943,255	103
MAY	262,184	258,692	99	1,173,668	1,201,947	102
JUN	245,921	245,185	100	1,419,589	1,447,132	102
JUL	235,324	235,857	100	1,654,913	1,682,989	102
AUG	205,889	213,669	104	1,860,802	1,896,658	102
SEP	201,796	210,065	104	2,062,598	2,106,723	102
OCT	214,099	224,136	105	2,276,697	2,330,859	102
NOV	207,399	214,056	103	2,484,096	2,544,915	102
DEC	232,563	242,066	104	2,716,659	2,786,981	103
ITALIAN CHEESE						
JAN	140,217	148,232	106	140,217	148,232	106
FEB	133,024	146,694	110	273,241	294,926	108
MAR	153,465	165,776	108	426,706	460,702	108
APR	153,059	156,519	102	579,765	617,221	106
MAY	149,287	159,453	107	729,052	776,674	107
JUN	149,981	156,478	104	879,033	933,152	106
JUL	149,622	152,759	102	1,028,655	1,085,911	106
AUG	149,229	154,723	104	1,177,884	1,240,634	105
SEP	154,397	158,003	102	1,332,281	1,398,637	105
OCT	154,952	159,556	103	1,487,233	1,558,193	105
NOV	148,304	157,586	106	1,635,537	1,715,779	105
DEC	164,233	166,783	102	1,799,770	1,882,562	105
TOTAL CHEESE						
JAN	421,953	432,771	103	421,953	432,771	103
FEB	398,637	428,823	108	820,590	861,594	105
MAR	457,447	483,860	106	1,278,037	1,345,454	105
APR	462,054	473,102	102	1,740,091	1,818,556	105
MAY	477,848	490,164	103	2,217,939	2,308,720	104
JUN	465,602	474,447	102	2,683,541	2,783,167	104
JUL	453,831	454,200	100	3,137,372	3,237,367	103
AUG	426,017	441,669	104	3,563,389	3,679,036	103
SEP	430,668	448,542	104	3,994,057	4,127,578	103
OCT	448,593	467,544	104	4,442,650	4,595,122	103
NOV	431,849	453,981	105	4,874,499	5,049,103	104
DEC	469,724	482,628	103	5,344,223	5,531,731	104

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1987-88

MONTH	BY MONTH			CUMULATIVE		
	1987	1988	1988 : AS % OF : 1987	1987	1988	1988 : AS % OF : 1987
	1,000 GALLONS		PERCENT	1,000 GALLONS		PERCENT
ICE CREAM (HARD)						
JAN	58,466	54,544	93	58,466	54,544	93
FEB	67,264	63,184	94	125,730	117,728	94
MAR	77,460	76,402	99	203,190	194,130	96
APR	78,128	73,636	94	281,318	267,766	95
MAY	81,538	80,885	99	362,856	348,651	96
JUN	92,620	94,056	102	455,476	442,707	97
JUL	92,010	88,763	96	547,486	531,470	97
AUG	84,347	87,678	104	631,833	619,148	98
SEP	75,623	74,604	99	707,456	693,752	98
OCT	63,495	62,621	99	770,951	756,373	98
NOV	57,093	57,768	101	828,044	814,141	98
DEC	58,521	54,922	94	886,565	869,063	98
ICE MILK						
JAN	19,138	18,809	98	19,138	18,809	98
FEB	21,634	21,273	98	40,772	40,082	98
MAR	27,437	29,463	107	68,209	69,545	102
APR	29,109	29,594	102	97,318	99,139	102
MAY	31,715	34,710	109	129,033	133,849	104
JUN	36,725	39,066	106	165,758	172,915	104
JUL	37,205	37,519	101	202,963	210,434	104
AUG	32,863	39,437	120	235,826	249,871	106
SEP	27,980	31,194	111	263,806	281,065	107
OCT	24,982	25,420	102	288,788	306,485	106
NOV	20,572	22,816	111	309,360	329,301	106
DEC	20,952	22,036	105	330,312	351,337	106
SHERBET (HARD)						
JAN	2,951	2,693	91	2,951	2,693	91
FEB	3,153	3,170	101	6,104	5,863	96
MAR	3,775	4,494	119	9,879	10,357	105
APR	4,424	4,628	105	14,303	14,985	105
MAY	4,515	4,512	100	18,818	19,497	104
JUN	5,463	5,837	107	24,281	25,334	104
JUL	5,297	5,755	109	29,578	31,089	105
AUG	4,608	5,212	113	34,186	36,301	106
SEP	3,854	4,182	109	38,040	40,483	106
OCT	2,923	3,467	119	40,963	43,950	107
NOV	2,641	2,797	106	43,604	46,747	107
DEC	2,969	2,989	101	46,573	49,736	107
MELLORINE-TYPE FROZEN DESSERT						
JAN	586	439	75	586	439	75
FEB	686	667	97	1,272	1,106	87
MAR	861	942	109	2,133	2,048	96
APR	815	1,096	134	2,948	3,144	107
MAY	973	1,171	120	3,921	4,315	110
JUN	1,194	1,248	105	5,115	5,563	109
JUL	1,180	1,193	101	6,295	6,756	107
AUG	1,104	1,240	112	7,399	7,996	108
SEP	967	1,058	109	8,366	9,054	108
OCT	677	865	128	9,043	9,919	110
NOV	556	601	108	9,599	10,520	110
DEC	511	418	82	10,110	10,938	108

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1987-88

MONTH	BY MONTH			CUMULATIVE		
	1987	1988	1988 AS % OF 1987	1987	1988	1988 AS % OF 1987
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT
NONFAT DRY MILK HUMAN FOOD						
JAN	82,014	83,781	102	82,014	83,781	102
FEB	79,139	85,789	108	161,153	169,570	105
MAR	92,556	95,801	104	253,709	265,371	105
APR	107,690	102,596	95	361,399	367,967	102
MAY	122,578	104,115	85	483,977	472,082	98
JUN	109,208	104,569	96	593,185	576,651	97
JUL	99,549	79,501	80	692,734	656,152	95
AUG	80,391	66,607	83	773,125	722,759	93
SEP	65,668	60,139	92	838,793	782,898	93
OCT	64,739	56,044	87	903,532	838,942	93
NOV	65,506	56,035	86	969,038	894,977	92
DEC	90,011	73,449	82	1,059,049	968,426	91
TOTAL DRY WHEY 1/						
JAN	78,557	89,349	114	78,557	89,349	114
FEB	75,641	83,648	111	154,198	172,997	112
MAR	89,567	94,856	106	243,765	267,853	110
APR	91,335	90,920	100	335,100	358,773	107
MAY	98,286	96,987	99	433,386	455,760	105
JUN	90,762	93,251	103	524,148	549,011	105
JUL	87,956	89,770	102	612,104	638,781	104
AUG	84,501	90,660	107	696,605	729,441	105
SEP	85,333	86,469	101	781,938	815,910	104
OCT	82,116	85,179	104	864,054	901,089	104
NOV	79,778	80,723	101	943,832	981,812	104
DEC	90,468	88,182	97	1,034,300	1,069,994	103
CREAMED COTTAGE CHEESE						
JAN	55,875	51,025	91	55,875	51,025	91
FEB	53,317	53,702	101	109,192	104,727	96
MAR	60,358	58,586	97	169,550	163,313	96
APR	58,474	54,863	94	228,024	218,176	96
MAY	59,061	57,581	97	287,085	275,757	96
JUN	60,488	57,025	94	347,573	332,782	96
JUL	58,669	56,012	95	406,242	388,794	96
AUG	56,902	59,339	104	463,144	448,133	97
SEP	56,181	52,607	94	519,325	500,740	96
OCT	54,496	50,498	93	573,821	551,238	96
NOV	51,279	49,057	96	625,100	600,295	96
DEC	49,438	46,779	95	674,538	647,074	96
LOWFAT COTTAGE CHEESE						
JAN	21,899	20,954	96	21,899	20,954	96
FEB	22,150	21,640	98	44,049	42,594	97
MAR	23,945	23,715	99	67,994	66,309	98
APR	23,347	23,103	99	91,341	89,412	98
MAY	23,686	25,123	106	115,027	114,535	100
JUN	24,738	25,562	103	139,765	140,097	100
JUL	23,261	24,655	106	163,026	164,752	101
AUG	23,463	25,691	109	186,489	190,443	102
SEP	23,354	24,035	103	209,843	214,478	102
OCT	22,163	22,270	100	232,006	236,748	102
NOV	19,678	22,003	112	251,684	258,751	103
DEC	18,601	20,517	110	270,285	279,268	103

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, DECEMBER 1988

STATE	DEC 1987	NOV 1988	DEC 1988	PERCENT OF	
				DEC 1987	NOV 1988
1,000 POUNDS			PERCENT		
CALIF	18,916	16,800	22,300	118	133
IDAHO	7,750	5,646	8,997	116	159
IND	2,836	2,041	2,260	80	111
IOWA	10,314	10,834	11,464	111	106
KANS	3,443	2,438	3,794	110	156
KY	2,080	837	1,071	51	128
MICH	1,479	1,612	1,899	128	118
MINN	47,689	49,713	51,447	108	103
MO	5,937	5,340	7,300	123	137
N Y	6,949	6,400	7,200	104	113
N DAK	3,604	2,590	2,930	81	113
OHIO	1,676	1,200	1,800	107	150
OREG	2,397	2,600	2,600	108	100
S DAK	6,560	5,570	6,190	94	111
UTAH	3,306	3,337	3,575	108	107
WASH	2,665	2,424	2,401	90	99
WIS	83,733	78,000	83,500	100	107
OTH STS	21,229	16,674	21,338	101	128
U S	232,563	214,056	242,066	104	113

BUTTER: PRODUCTION BY STATES, DECEMBER 1988

STATE	DEC 1987	NOV 1988	DEC 1988	PERCENT OF	
				DEC 1987	NOV 1988
1,000 POUNDS			PERCENT		
CALIF	19,952	18,400	19,700	99	107
KANS	2,018	1,927	2,156	107	112
MICH	3,134	2,136	2,871	92	134
MINN	12,515	8,319	10,662	85	128
MO	1,947	724	1,471	76	203
N Y	1,992	1,547	1,770	89	114
N DAK	564	260	360	64	138
OHIO	1,137	1,330	1,320	116	99
OKLA	1,726	1,175	1,888	109	161
OREG	1,242	850	1,100	89	129
PA	5,617	4,915	5,645	100	115
UTAH	1,010	1,305	1,382	137	106
WASH	8,041	7,698	7,771	97	101
WIS	26,005	22,500	28,800	111	128
OTH STS	21,649	19,098	24,341	112	127
U S	108,549	92,184	111,237	102	121

ICE CREAM (HARD): PRODUCTION BY STATES, DECEMBER 1988

STATE	DEC 1987	NOV 1988	DEC 1988	PERCENT OF	
				DEC 1987	NOV 1988
	1,000 GALLONS			PERCENT	
ALA	1,369	1,405	1,279	93	91
ARIZ	328	407	401	122	99
CALIF	7,970	6,900	6,900	87	100
COLO	779	620	637	82	103
FLA	2,051	2,085	2,005	98	96
GA	466	561	473	102	84
ILL	1,812	1,804	1,813	100	100
IND	1,418	1,565	1,371	97	88
IOWA	1,554	1,457	1,610	104	111
KANS	412	360	361	88	100
MD 1/	976	995	1,028	105	103
MASS	3,572	2,730	3,110	87	114
MICH	1,901	1,645	1,520	80	92
MINN	2,811	2,646	2,188	78	83
MO	1,263	920	595	47	65
N J	706	1,800	1,400	198	78
N Y	2,784	3,400	3,200	115	94
N C	1,565	2,437	2,252	144	92
OHIO	3,083	2,600	2,620	85	101
OKLA	829	857	585	71	68
OREG	575	580	500	87	86
PA	6,105	6,275	5,780	95	92
S C	823	952	1,024	124	108
TENN	945	1,236	1,064	113	86
TEX	2,968	3,310	2,630	89	79
UTAH	679	581	543	80	93
VA	1,404	802	1,144	81	143
WASH	1,216	1,187	1,149	94	97
WIS	1,243	1,300	1,350	109	104
OTH STS	4,914	4,351	4,390	89	101
U S	58,521	57,768	54,922	94	95

1/ INCLUDES DISTRICT OF COLUMBIA.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS, STOCKS AND SELLING PRICES, DECEMBER 1988

PRODUCT	DEC	NOV	DEC	PERCENT OF	
	1987	1988	1988	DEC 1987	NOV 1988
	MANUFACTURERS' SHIPMENTS			1/	
	1,000 POUNDS			PERCENT	
DRY WHOLE MILK	7,338	10,623	13,859	189	130
NONFAT DRY MILK FOR HUMAN FOOD	63,587	55,355	66,203	104	120
DRY SKIM MILK FOR ANIMAL FEED	524	441	523	100	119
DRY BUTTERMILK, FOR HUMAN FOOD	3,889	3,565	5,192	134	146
	MANUFACTURERS' STOCKS, END-OF-MONTH			2/ 4/	
	1,000 POUNDS			PERCENT	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	31,757	51,547	44,133	139	86
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	8,042	10,774	12,779	159	119
DRY SKIM MILK FOR ANIMAL FEED	65,097	39,116	45,071	69	115
DRY BUTTERMILK, TOTAL	982	821	720	73	88
	5,637	4,158	4,464	79	107
	MANUFACTURERS' SELLING PRICES			3/ 4/	
	CENTS PER POUND			CHANGE CENTS	
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	112.15	121.86	122.98	10.83	1.12
DRY SKIM MILK FOR ANIMAL FEED	77.98	84.14	84.87	6.89	0.73
DRY BUTTERMILK, FOR HUMAN FOOD	41.69	54.40	56.56	14.87	2.16
	73.00	81.28	80.03	7.03	-1.25

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, DECEMBER 1988

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	DEC 1987	DEC 1988	OCT 1, 1987 THROUGH DEC 31, 1987	OCT 1, 1988 THROUGH DEC 31, 1988	DEC 31, 1987	DEC 31, 1988 1/
	1,000 POUNDS					
BUTTER	18,671	19,779	51,795	44,165	64,365	140,410
CHEESE 2/ NONFAT	37,191	3,767	81,518	8,268	32,261	5,352
DRY MILK:	42,429	0	96,977	0	53,568	2,231

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PRINT BUTTER 14,488,821 POUNDS; PROCESS CHEESE, 910,272 POUNDS; AND INSTANT FORTIFIED NONFAT DRY MILK, 2,176,000 POUNDS. 2/ AMERICAN AND MOZZARELLA CHEESE.

