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# Dairy Products



National  
Agricultural  
Statistics  
Service  
Fact Finding  
for Agriculture

United States  
Department of  
Agriculture

Agricultural  
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Board

Washington, D.C.

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## AUGUST 1988 HIGHLIGHTS

BUTTER production was 74.2 million pounds in August, 12 percent above August 1987 but 2 percent below July 1988.

AMERICAN TYPE CHEESE production totaled 214 million pounds, 4 percent above August 1987 but 9 percent below July 1988.

TOTAL CHEESE output (excluding cottage cheese) was 442 million pounds, 4 percent above August 1987 but 3 percent below July 1988.

CREAMED COTTAGE CHEESE production was 59.3 million pounds, 4 percent above August 1987 and 6 percent above July 1988.

LOWFAT COTTAGE CHEESE production was 25.7 million pounds, 9 percent above August 1987 and 4 percent above July 1988.

CANNED EVAPORATED AND CONDENSED WHOLE MILK, 47.9 million pounds, about the same as August 1987 but 7 percent above July 1988.

FROZEN DESSERTS: (Comparisons with August 1987)  
Ice Cream (Hard) -- 87.7 million gallons, up 4 percent.  
Ice Milk -- 39.4 million gallons, up 20 percent.  
Sherbet (Hard) -- 5.21 million gallons, up 13 percent.

DRY MILK PRODUCTS: (Comparisons with August 1987)  
Nonfat dry milk for human food -- 66.6 million pounds, down 17 percent.  
Dry whole milk -- 14.3 million pounds, up 16 percent.  
Dry buttermilk -- 3.14 million pounds, down 4 percent.

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BUTTER PACKAGING SURVEY

The results for June and July 1988 surveys are shown below. 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	:	JUNE	:	JULY
		1,000 pounds		
TOTAL SUPPLY	:	122,834	:	92,565
		PERCENT OF DISPOSITION		
PACKED IN BULK	:	42.4	:	48.9
PRINTED	:	53.3	:	46.2
USED IN OTHER PRODUCTS	:	4.3	:	4.9
		PERCENT OF PRINTED 1/		
PRINTED IN:	:		:	
QUARTERS	:	43.8	:	44.1
ONE POUND SOLIDS (COMMERCIAL SALES):	:	36.3	:	33.7
INDIVIDUAL PORTIONS	:	12.9	:	18.0
ONE POUND SOLIDS (GOVERNMENT SALES):	:	6.7	:	3.1
OTHER SIZES	:	.3	:	1.1
		PERCENT OF PACKAGED IN BULK		
BULK PACKAGED:	:		:	
SHIPPED TO OTHER PLANTS	:	13.4	:	24.6
SHIPPED TO DISTRIBUTORS & WHOLESALEERS	:	22.6	:	25.6
SHIPPED TO FOOD PROCESSORS	:	13.4	:	18.7
INSTITUTIONS, CCC, STORAGE FOR LATER USE	:	32.1	:	15.1
	:	18.5	:	16.0

1/ A CHANGE IN QUESTION WORDING MAY HAVE ALTERED RELATIONSHIP IN THE REPORTED CATEGORIES OF PRINTED BUTTER.



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

PRODUCT	AUG	JUL	AUG	PERCENT OF	
	1987	1988	1988	AUG	JUL
				1987	1988
	PRODUCTION			PERCENT	
	1,000 POUNDS				
CONDENSED WHEY, SOLIDS CONTENT 2/:					
SWEET-TYPE, HUMAN FOOD	6,209	8,137	6,888	111	85
SWEET-TYPE, ANIMAL FEED	3,173	2,704	2,628	83	97
DRY WHEY PRODUCTS					
DRY WHEY, HUMAN FOOD	64,864	73,605	73,762	114	100
DRY WHEY, ANIMAL FEED	19,637	16,165	16,898	86	105
REDUCED LACTOSE AND MINERALS					
HUMAN FOOD	6,602	7,838	6,941	105	89
ANIMAL FEED	2,527	2,333	2,187	87	94
LACTOSE, HUMAN FOOD	11,865	11,854	11,672	98	98
LACTOSE, ANIMAL FEED	865	597	611	71	102
WHEY SOLIDS IN WET BLENDS					
HUMAN FOOD	2,749	1,568	1,842	67	117
ANIMAL FEED	8,989	7,600	6,453	72	85
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	6,206	8,190	7,933	128	97
ANIMAL FEED	1,766	1,738	1,764	100	101
	MANUFACTURERS' STOCKS, END OF MONTH 3/			PERCENT	
	1,000 POUNDS				
DRY WHEY PRODUCTS					
DRY WHEY					
HUMAN FOOD	24,116	27,078	34,533	143	128
ANIMAL FEED	8,911	10,546	13,259	149	126
REDUCED LACTOSE AND MINERALS					
HUMAN AND ANIMAL 4/	9,894	11,029	10,992	111	100
LACTOSE, HUMAN FOOD	14,327	19,269	17,588	123	91
LACTOSE, ANIMAL FEED	1,640	2,188	1,324	81	61
WHEY PROTEIN CONCENTRATE					
HUMAN FOOD	3,072	3,220	3,458	113	107
ANIMAL FEED	177	33	55	31	167
	MANUFACTURERS' SELLING PRICE 5/			CENTS CHANGE	
	CENTS PER POUND				
CONDENSED WHEY SOLIDS 2/					
SWEET-TYPE, HUMAN FOOD	14.2	13.1	15.4	+1.2	+2.3
SWEET-TYPE, ANIMAL FEED	3.9	6.0	6.0	+2.1	N.C.
DRY WHEY, HUMAN FOOD	26.0	26.2	25.9	-0.1	-0.3
DRY WHEY, ANIMAL FEED	19.8	23.1	22.1	+2.3	-1.0

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, 1987-88

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			816,447		
OCT	91,217			907,664		
NOV	87,922			995,586		
DEC	108,549			1,104,135		
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			2,062,598		
OCT	214,099			2,276,697		
NOV	207,399			2,484,096		
DEC	232,563			2,716,659		
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			1,332,281		
OCT	154,952			1,487,233		
NOV	148,304			1,635,537		
DEC	164,233			1,799,770		
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			3,994,057		
OCT	448,593			4,442,650		
NOV	431,849			4,874,499		
DEC	469,724			5,344,223		

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
<b>ICE CREAM (HARD)</b>						
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			707,456		
OCT	63,495			770,951		
NOV	57,093			828,044		
DEC	58,521			886,565		
<b>ICE MILK</b>						
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			263,806		
OCT	24,982			288,788		
NOV	20,572			309,360		
DEC	20,952			330,312		
<b>SHERBET (HARD)</b>						
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			38,040		
OCT	2,923			40,963		
NOV	2,641			43,604		
DEC	2,969			46,573		
<b>MELLORINE-TYPE FROZEN DESSERT</b>						
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			8,366		
OCT	677			9,043		
NOV	556			9,599		
DEC	511			10,110		

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		PERCENT	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			838,793		
OCT	64,739			903,532		
NOV	65,506			969,038		
DEC	90,011			1,059,049		
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			781,938		
OCT	82,116			864,054		
NOV	79,778			943,832		
DEC	90,468			1,034,300		
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	322,782	93
JUL	58,669	56,012	95	406,242	378,794	93
AUG	56,902	59,339	104	463,144	438,133	95
SEP	56,181			519,325		
OCT	54,496			573,821		
NOV	51,279			625,100		
DEC	49,438			674,538		
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			209,843		
OCT	22,163			232,006		
NOV	19,678			251,684		
DEC	18,601			270,285		

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, AUGUST 1988

STATE	AUG	JUL	AUG	PERCENT OF	
	1987	1988	1988	AUG	JUL
			1,000 POUNDS		
			PERCENT		
CALIF	14,906	20,100	20,100	135	100
IDAHO	8,349	8,983	8,504	102	95
IND	2,733	2,795	2,208	81	79
IOWA	9,726	10,880	10,528	108	97
KANS	1,367	3,051	2,007	147	66
KY	1,491	1,087	960	64	88
MICH	1,890	1,718	1,675	89	97
MINN	37,052	44,550	40,674	110	91
MO	4,103	5,240	4,410	107	84
N Y	6,529	7,640	6,144	94	80
N DAK	3,776	3,200	2,850	75	89
OHIO	1,408	1,176	1,060	75	90
OREG	2,716	2,870	2,700	99	94
S DAK	6,176	6,020	5,509	89	92
UTAH	2,272	3,555	3,072	135	86
WASH	2,525	1,833	2,139	85	117
WIS	83,036	90,200	83,500	101	93
OTH STS	15,834	20,959	15,629	99	75
U S	205,889	235,857	213,669	104	91

BUTTER: PRODUCTION BY STATES, AUGUST 1988

STATE	AUG	JUL	AUG	PERCENT OF	
	1987	1988	1988	AUG	JUL
			1,000 POUNDS		
			PERCENT		
CALIF	17,531	15,870	17,300	99	109
KANS	784	2,007	1,623	207	81
MICH	1,164	1,536	1,175	101	76
MINN	10,235	9,860	8,519	83	86
MO	198	445	402	203	90
N Y	1,340	1,500	1,051	78	70
N DAK	264	320	280	106	88
OHIO	661	977	870	132	89
OKLA	408	1,188	882	216	74
OREG	1,071	1,000	950	89	95
PA	1,531	2,110	1,910	125	91
UTAH	456	456	679	149	149
WASH	6,651	7,464	7,951	120	107
WIS	15,824	19,400	18,600	118	96
OTH STS	8,238	11,812	12,042	146	102
U S	66,356	75,945	74,234	112	98



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

STATE	AUG	JUL	AUG	PERCENT OF	
	1987	1988	1988	AUG	JUL
	1,000 GALLONS			PERCENT	
ALA	2,010	2,002	2,182	109	109
ARIZ	598	581	541	90	93
CALIF	10,197	10,350	10,200	100	99
COLO	966	1,006	1,054	109	105
FLA	2,227	2,450	2,200	99	90
GA	806	837	757	94	90
ILL	2,638	2,783	2,719	103	98
IND	2,473	2,775	2,862	116	103
IOWA	2,201	2,274	2,323	106	102
KANS	769	666	656	85	98
MD 1/	1,634	1,327	1,236	76	93
MASS	4,708	4,573	4,637	98	101
MICH	3,307	3,340	3,220	97	96
MINN	3,574	3,611	3,812	107	106
MO	2,023	1,950	1,930	95	99
N J	1,195	2,100	2,500	209	119
N Y	4,046	5,550	4,370	108	79
N C	3,141	3,271	3,680	117	113
OHIO	4,212	4,340	4,300	102	99
OKLA	1,254	1,246	1,248	100	100
OREG	728	700	730	100	104
PA	7,888	8,870	8,445	107	95
S C	1,423	1,251	1,455	102	116
TENN	2,161	1,725	1,721	80	100
TEX	4,665	4,925	4,970	107	101
UTAH	898	1,274	876	98	69
VA	1,613	1,571	1,585	98	101
WASH	1,870	1,797	1,849	99	103
WIS	2,194	2,400	2,050	93	85
OTH STS	6,928	7,218	7,570	109	105
U S	84,347	88,763	87,678	104	99

1/ INCLUDES DISTRICT OF COLUMBIA.

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

PRODUCT	AUG 1987		JUL 1988		AUG 1988		PERCENT OF	
							AUG 1987	JUL 1988
MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS								
DRY WHOLE MILK	11,653	10,774	13,224	113	123			
NONFAT DRY MILK FOR HUMAN FOOD	78,086	86,365	80,035	102	93			
DRY SKIM MILK FOR ANIMAL FEED	504	931	1,105	219	119			
DRY BUTTERMILK, FOR HUMAN FOOD	3,715	4,752	4,514	122	95			
MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 4/ 1,000 POUNDS PERCENT								
CANNED EVAPORATED AND CONDENSED WHOLE MILK	100,880	103,452	105,312	104	102			
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	6,285	11,439	11,434	182	100			
DRY SKIM MILK FOR ANIMAL FEED	65,416	71,300	53,325	82	75			
DRY BUTTERMILK, TOTAL	1,181	1,334	667	56	50			
	2,573	5,074	4,503	175	89			
MANUFACTURERS' SELLING PRICES 3/ 4/ CENTS PER POUND CHANGE CENTS								
DRY WHOLE MILK	113.35	108.39	111.61	-1.74	+3.22			
NONFAT DRY MILK FOR HUMAN FOOD	79.06	75.33	77.02	-2.04	+1.69			
DRY SKIM MILK FOR ANIMAL FEED	42.18	49.15	49.41	+7.23	+0.26			
DRY BUTTERMILK, FOR HUMAN FOOD	76.93	76.35	78.98	+2.05	+2.63			

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, AUGUST 1988

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	AUG 1987	AUG 1988	OCT 1, 1986 THROUGH AUG 31, 1987	OCT 1, 1987 THROUGH AUG 31, 1988	AUG 31, 1987	AUG 31, 1988 1/
1,000 POUNDS						
BUTTER	1,005	7,805	135,157	315,172	90,862	166,384
CHEESE 2/ NONFAT	14,333	7,503	239,926	308,324	130,217	62,424
DRY MILK:	39,628	-520	523,016	364,294	63,781	11,141

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PROCESS CHEESE, 33,896,417 POUNDS; AND INSTANT FORTIFIED NONFAT DRY MILK 7,907,000 POUNDS. 2/ AMERICAN AND MOZZARELLA CHEESE.

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