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# Dairy Products



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Agricultural  
Statistics  
Board

Washington, D.C.

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## JANUARY 1991 HIGHLIGHTS

**BUTTER** production was 142 million pounds in January, 12 percent above January 1990 and 22 percent above December 1990.

**AMERICAN TYPE CHEESE** production totaled 247 million pounds, 7 percent above January 1990 but 2 percent below December 1990.

**TOTAL CHEESE** output (excluding cottage cheese) was 502 million pounds, 4 percent above January 1990 but 3 percent below December 1990.

**CREAMED COTTAGE CHEESE** production was 44.0 million pounds, slightly above January 1990 and 16 percent above December 1990.

**LOWFAT COTTAGE CHEESE** production was 24.6 million pounds, 3 percent above January 1990 and 15 percent above December 1990.

**CANNED EVAPORATED AND CONDENSED MILK** production at 45.1 million pounds was 4 percent above January 1990 and 2 percent above December 1990.

**FROZEN DESSERTS:** (comparisons with January 1990)  
Ice Cream (hard)---- 54.8 million gallons, up 5 percent.  
Ice milk----- 20.9 million gallons, down 14 percent.  
Sherbet (hard) ---3.24 million gallons, up 3 percent.

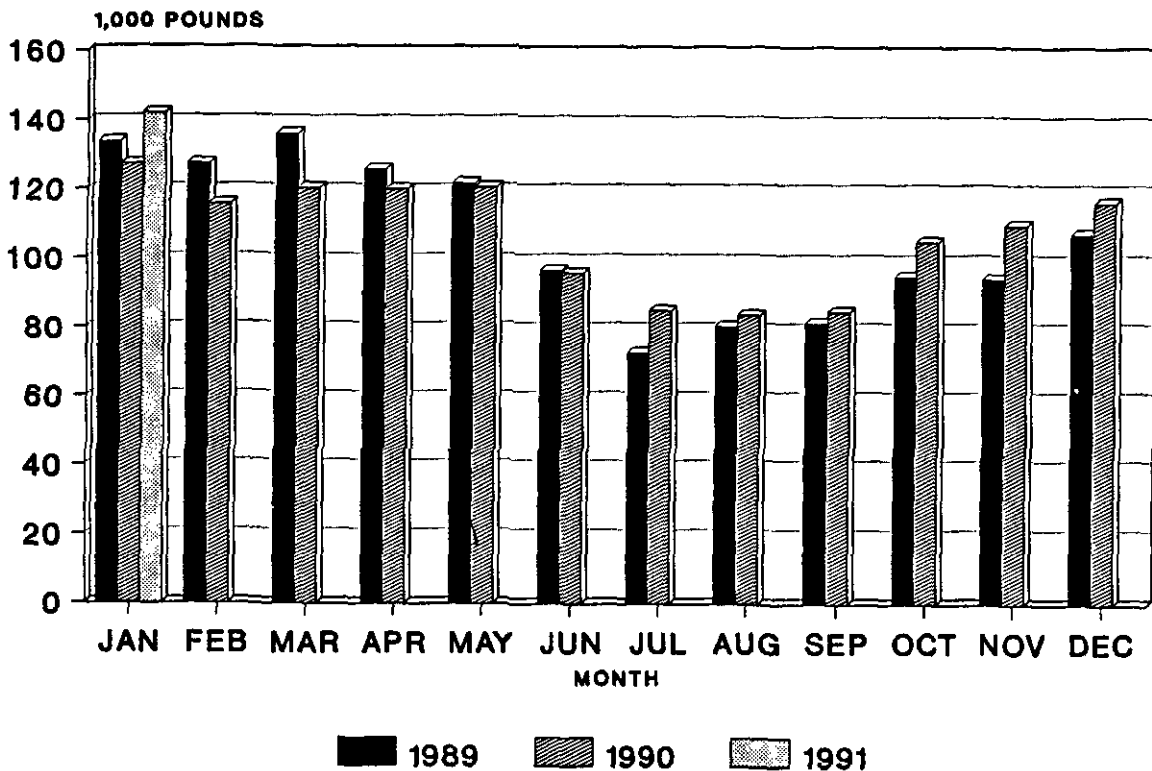
**DRY MILK PRODUCTS:** (comparisons with January 1990)  
Nonfat dry milk for human food--82.6 million pounds, up 35 percent.  
Dry whole milk --8.64 million pounds, down 54 percent.  
Dry buttermilk-- 7.69 million pounds, up 33 percent.

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\* **April 5, 1991.** \*  
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UNITED STATES BUTTER PRODUCTION

MONTH	1989	1990	1991
	1,000 POUNDS		
JAN	134,005	127,101	142,070
FEB	127,310	115,736	
MAR	136,159	120,242	
APR	125,640	119,991	
MAY	121,607	120,477	
JUN	96,629	95,915	
JUL	72,949	85,124	
AUG	80,702	83,815	
SEP	81,569	84,808	
OCT	95,140	105,005	
NOV	94,386	111,015	
DEC	107,448	116,487	

UNITED STATES BUTTER PRODUCTION



PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, JANUARY 1991

PRODUCT	1,000 POUNDS			PERCENT	
	JAN 1990	DEC 1990	JAN 1991	JAN 1990	DEC 1990
BUTTER	127,101	116,487	142,070	112	122
<b>CHEESE:</b>					
AMERICAN TYPES 1/	231,676	251,598	247,109	107	98
SWISS	19,549	21,797	18,268	93	84
BRICK AND MUNSTER	8,909	9,285	8,804	99	95
CREAM AND NEUFCHATEL	28,760	39,444	29,521	103	75
BLUE	2,776	2,851	2,620	94	92
MOZZARELLA	141,635	138,779	145,443	103	105
OTHER ITALIAN TYPES	40,793	43,062	39,000	96	91
TOTAL ITALIAN TYPES	182,428	181,841	184,443	101	101
ALL OTHER TYPES 2/	9,638	9,067	10,927	113	121
<b>TOTAL</b>	483,736	515,883	501,692	104	97
COTTAGE CHEESE, CURD 3/	39,728	34,679	40,446	102	117
COTTAGE CHEESE, CREAMED 4/	43,996	37,935	44,046	100	116
COTTAGE CHEESE, LOWFAT, 5/	23,815	21,322	24,575	103	115
CANNED EVAPORATED AND CONDENSED WHOLE MILK	43,492	44,399	45,137	104	102
DRY WHOLE MILK	18,925	8,554	8,636	46	101
<b>NONFAT DRY MILK</b>					
FOR HUMAN FOOD	61,412	79,022	6/ 82,616	135	105
<b>DRY SKIM MILK</b>					
FOR ANIMAL FEED	2,509	1,816	2,300	92	127
DRY BUTTERMILK	5,778	5,651	7,688	133	136
YOGURT (PLAIN & FLAVORED)	72,868	69,999	83,164	114	119
	1,000 GALLONS			PERCENT	
<b>FROZEN PRODUCTS:</b>					
ICE CREAM (HARD)	51,997	51,095	54,778	105	107
ICE MILK (HARD)	8,533	7,399	8,601	101	116
ICE MILK (SOFT)	15,849	13,053	12,264	77	94
ICE MILK (TOTAL)	24,382	20,452	20,865	86	102
SHERBET (HARD)	3,156	2,600	3,240	103	125
WATER AND JUICE ICES	2,613	1,434	2,200	84	153
<b>OTHER FROZEN DAIRY</b>					
PRODUCTS	2,998	1,803	3,466	116	192
FROZEN YOGURT	5,859	5,507	6,921	118	126
<b>MIX FOR PRODUCTS:</b>					
ICE CREAM MIX	27,599	25,705	29,111	105	113
ICE MILK MIX	15,057	12,596	12,703	84	101
SHERBET MIX	2,218	1,812	2,423	109	134
YOGURT MIX	3,906	3,671	4,614	118	126

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/ INCLUDES COMBINED MINN & WIS PRODUCTION OF 5,997 THOUSAND POUNDS.

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

PRODUCT	JAN	DEC	JAN	PERCENT OF	
	1990	1990	1991	JAN	DEC
				1990	1990
	<b>PRODUCTION</b>			<b>PERCENT</b>	
	<b>1,000 POUNDS</b>				
<b>CONDENSED WHEY, SOLIDS CONTENT 2/:</b>					
SWEET-TYPE, HUMAN FOOD	4,724	4,258	4,198	89	99
SWEET-TYPE, ANIMAL FEED	1,106	100	420	38	420
<b>DRY WHEY PRODUCTS</b>					
DRY WHEY, HUMAN FOOD	81,247	72,392	82,072	101	113
DRY WHEY, ANIMAL FEED	14,636	14,635	15,002	103	103
<b>REDUCED LACTOSE AND MINERALS</b>					
HUMAN FOOD	6,880	6,367	6,281	91	99
ANIMAL FEED	2,273	1,578	2,883	127	183
LACTOSE, HUMAN FOOD	14,578	13,227	11,805	81	89
LACTOSE, ANIMAL FEED	185	8	17	9	213
<b>WHEY SOLIDS IN WET BLENDS</b>					
HUMAN FOOD	1,555	1,790	1,765	114	99
ANIMAL FEED	7,942	5,874	6,714	85	114
<b>WHEY PROTEIN CONCENTRATE</b>					
HUMAN FOOD	11,507	12,659	11,336	99	90
ANIMAL FEED	2,262	2,502	2,893	128	116
	<b>MANUFACTURERS' STOCKS, END-OF-MONTH 3/</b>			<b>PERCENT</b>	
	<b>1,000 POUNDS</b>				
<b>DRY WHEY PRODUCTS</b>					
DRY WHEY					
HUMAN FOOD	50,518	37,209	44,786	89	120
ANIMAL FEED	10,861	14,792	10,472	96	71
<b>REDUCED LACTOSE AND MINERALS</b>					
HUMAN AND ANIMAL 4/	14,476	15,678	15,285	106	97
LACTOSE, HUMAN FOOD	23,205	26,773	21,088	91	79
LACTOSE, ANIMAL FEED	1,147	3,431	2,065	180	60
<b>WHEY PROTEIN CONCENTRATE</b>					
HUMAN FOOD	7,876	7,755	12,116	154	156
ANIMAL FEED	87	203	352	405	173
	<b>MANUFACTURERS' SELLING PRICE 5/</b>			<b>CENTS CHANGE</b>	
	<b>CENTS PER POUND</b>				
DRY WHEY, HUMAN FOOD	17.1	14.6	14.6	-2.5	0.0
DRY WHEY, ANIMAL FEED	14.6	13.4	13.9	-0.7	0.5

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, 1990-91

MONTH	BY MONTH			CUMULATIVE		
	1990	1991	1991 : AS % OF : 1990	1990	1991	1991 : AS % OF : 1990
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
<b>BUTTER</b>						
JAN	127,101	142,070	112	127,101	142,070	112
FEB	115,736			242,837		
MAR	120,242			363,079		
APR	119,991			483,070		
MAY	120,477			603,547		
JUN	95,915			699,462		
JUL	85,124			784,586		
AUG	83,815			868,401		
SEP	84,808			953,209		
OCT	105,005			1,058,214		
NOV	111,015			1,169,229		
DEC	116,487			1,285,716		
<b>AMERICAN CHEESE</b>						
JAN	231,676	247,109	107	231,676	247,109	107
FEB	227,263			458,939		
MAR	255,213			714,152		
APR	249,905			964,057		
MAY	264,651			1,228,708		
JUN	252,501			1,481,209		
JUL	236,362			1,717,571		
AUG	229,295			1,946,866		
SEP	220,513			2,167,379		
OCT	236,909			2,404,288		
NOV	235,390			2,639,678		
DEC	251,598			2,891,276		
<b>ITALIAN CHEESE</b>						
JAN	182,428	184,443	101	182,428	184,443	101
FEB	166,673			349,101		
MAR	195,379			544,480		
APR	191,715			736,195		
MAY	198,756			934,951		
JUN	196,979			1,131,930		
JUL	187,614			1,319,544		
AUG	177,331			1,496,875		
SEP	171,525			1,668,400		
OCT	178,483			1,846,883		
NOV	171,827			2,018,710		
DEC	181,841			2,200,551		
<b>TOTAL CHEESE</b>						
JAN	483,736	501,692	104	483,736	501,692	104
FEB	471,936			955,672		
MAR	529,965			1,485,637		
APR	515,004			2,000,641		
MAY	545,437			2,546,078		
JUN	528,795			3,074,873		
JUL	502,582			3,577,455		
AUG	487,849			4,065,304		
SEP	476,708			4,542,012		
OCT	503,757			5,045,769		
NOV	488,863			5,534,632		
DEC	515,883			6,050,515		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1990-91

MONTH	BY MONTH			CUMULATIVE		
	1990	1991	: 1991 : : AS % OF : : 1990 :	1990	1991	: 1991 : : AS % OF : : 1990 :
	1,000 GALLONS		PERCENT	1,000 GALLONS		PERCENT
<b>ICE CREAM (HARD)</b>						
JAN	51,997	54,778	105	51,997	54,778	105
FEB	56,299			108,296		
MAR	68,633			176,929		
APR	67,056			243,985		
MAY	74,556			318,541		
JUN	78,412			396,953		
JUL	83,585			480,538		
AUG	76,473			557,011		
SEP	62,885			619,896		
OCT	61,860			681,756		
NOV	53,421			735,177		
DEC	51,095			786,272		
<b>ICE MILK</b>						
JAN	24,382	20,865	86	24,382	20,865	86
FEB	25,805			50,187		
MAR	31,210			81,397		
APR	32,587			113,984		
MAY	34,896			148,880		
JUN	35,758			184,638		
JUL	36,442			221,080		
AUG	37,131			258,211		
SEP	27,769			285,980		
OCT	26,383			312,363		
NOV	22,360			334,723		
DEC	20,452			355,175		
<b>SHERBET (HARD)</b>						
JAN	3,156	3,240	103	3,156	3,240	103
FEB	3,278			6,434		
MAR	4,048			10,482		
APR	4,467			14,949		
MAY	4,790			19,739		
JUN	4,813			24,552		
JUL	5,247			29,799		
AUG	4,428			34,227		
SEP	3,352			37,579		
OCT	3,091			40,670		
NOV	2,470			43,140		
DEC	2,600			45,740		
<b>FROZEN YOGURT</b>						
JAN	5,859	6,921	118	5,859	6,921	118
FEB	6,300			12,159		
MAR	8,654			20,813		
APR	8,168			28,981		
MAY	8,600			37,581		
JUN	10,991			48,572		
JUL	11,682			60,254		
AUG	12,533			72,787		
SEP	9,704			82,491		
OCT	9,356			91,847		
NOV	7,280			99,127		
DEC	5,507			104,634		

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1990-91

MONTH	BY MONTH			CUMULATIVE		
	1990	1991	1991 : AS % OF : 1990	1990	1991	1991 : AS % OF : 1990
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT
<b>NONFAT DRY MILK HUMAN FOOD</b>						
JAN	61,412	82,616	135	61,412	82,616	135
FEB	71,164			132,576		
MAR	77,364			209,940		
APR	89,982			299,922		
MAY	95,118			395,040		
JUN	83,300			478,340		
JUL	72,671			551,011		
AUG	62,930			613,941		
SEP	50,632			664,573		
OCT	55,193			719,766		
NOV	71,095			790,861		
DEC	79,022			869,883		
<b>TOTAL DRY WHEY 1/</b>						
JAN	95,883	97,074	101	95,883	97,074	101
FEB	92,396			188,279		
MAR	97,386			285,665		
APR	100,894			386,559		
MAY	95,542			482,101		
JUN	99,624			581,725		
JUL	100,052			681,777		
AUG	94,459			776,236		
SEP	85,627			861,863		
OCT	88,900			950,763		
NOV	82,416			1,033,179		
DEC	87,027			1,120,206		
<b>CREAMED COTTAGE CHEESE</b>						
JAN	43,996	44,046	100	43,996	44,046	100
FEB	43,900			87,896		
MAR	48,789			136,685		
APR	44,790			181,475		
MAY	50,053			231,528		
JUN	45,448			276,976		
JUL	46,301			323,277		
AUG	48,129			371,406		
SEP	42,848			414,254		
OCT	44,539			458,793		
NOV	40,686			499,479		
DEC	37,935			537,414		
<b>LOWFAT COTTAGE CHEESE</b>						
JAN	23,815	24,575	103	23,815	24,575	103
FEB	24,377			48,192		
MAR	27,439			75,631		
APR	25,592			101,223		
MAY	28,109			129,332		
JUN	26,565			155,897		
JUL	26,305			182,202		
AUG	27,099			209,301		
SEP	24,167			233,468		
OCT	25,017			258,485		
NOV	22,967			281,452		
DEC	21,322			302,774		

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, JANUARY 1991

STATE	JAN	DEC	JAN	PERCENT OF	
	1990	1990	1991	JAN	DEC
	1,000 POUNDS			PERCENT	
CA	16,600	30,000	29,000	175	97
ID	8,543	9,422	9,408	110	100
IN	2,608	2,269	2,720	104	120
IA	12,030	9,304	10,479	87	113
KS	3,330	3,767	3,567	107	95
KY	858	877	913	106	104
MI	1,343	1,882	1,364	102	72
MN	50,979	50,746	46,475	91	92
MO	6,378	8,030	7,867	123	98
NY	6,900	6,924	7,692	111	111
ND	3,410	4,020	3,680	108	92
OH	1,039	1,550	1,240	119	80
OR	2,910	3,670	3,710	127	101
SD	6,256	4,559	4,561	73	100
UT	2,789	3,869	2,935	105	76
WI	80,000	79,000	81,000	101	103
OTH STS	25,703	31,709	30,498	119	96
U S	231,676	251,598	247,109	107	98

BUTTER: PRODUCTION BY STATES, JANUARY 1991

STATE	JAN	DEC	JAN	PERCENT OF	
	1990	1990	1991	JAN	DEC
	1,000 POUNDS			PERCENT	
CA	22,900	24,000	30,000	131	125
KS	1,902	1,776	1,755	92	99
MI	1,177	1,482	1,501	128	101
MN	11,434	9,111	8,745	76	96
MO	2,029	1,520	1,484	73	98
NY	2,057	2,011	2,772	135	138
ND	390	520	545	140	105
OK	1,786	1,540	2,031	114	132
OR	1,510	1,300	1,400	93	108
PA	8,560	7,255	8,960	105	124
WI	32,800	29,500	34,000	104	115
OTH STS	40,556	36,472	48,877	121	134
U S	127,101	116,487	142,070	112	122



ICE CREAM (HARD): PRODUCTION BY STATES, JANUARY 1991

STATE	JAN 1990	DEC 1990	JAN 1991	PERCENT OF	
				JAN 1990	DEC 1990
	1,000 GALLONS			PERCENT	
AL	1,497	1,040	1,487	99	143
AZ	478	426	502	105	118
AR	379	260	219	58	84
CA	6,450	6,900	7,200	112	104
CO	649	666	669	103	100
FL	1,460	2,100	2,000	137	95
GA	803	407	636	79	156
IL	1,420	1,981	1,753	123	88
IN	1,529	1,192	1,477	97	124
IA	1,579	2,087	2,374	150	114
KS	365	319	375	103	118
MD 1/	869	560	769	88	137
MA	2,270	2,864	1,940	85	68
MI	1,973	1,709	1,756	89	103
MN	3,309	2,417	2,746	83	114
MO	944	800	1,000	106	125
NJ	1,200	1,100	1,700	142	155
NY	2,800	2,125	3,100	111	146
NC	2,528	2,121	2,318	92	109
OH	2,650	2,300	2,650	100	115
OK	816	651	767	94	118
OR	420	590	480	114	81
PA	4,445	4,795	4,860	109	101
SC	898	698	1,228	137	176
TN	986	899	1,063	108	118
TX	3,080	3,041	3,290	107	108
UT	485	462	512	106	111
VA	396	1,009	638	161	63
WA	916	1,130	1,087	119	96
WI	1,250	1,000	800	64	80
OTH STS	3,153	3,446	3,382	107	98
U S	51,997	51,095	54,778	105	107

1/ INCLUDES DISTRICT OF COLUMBIA.

**CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,  
STOCKS AND SELLING PRICES JANUARY 1991**

PRODUCT	JAN 1990	DEC 1990	JAN 1991	PERCENT OF	
				JAN 1990	DEC 1990
	<b>MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS</b>			<b>PERCENT</b>	
DRY WHOLE MILK	15,359	6,567	10,115	66	154
NONFAT DRY MILK FOR HUMAN FOOD	59,922	72,781	92,371	154	127
DRY SKIM MILK FOR ANIMAL FEED	663	539	1,319	199	245
DRY BUTTERMILK, FOR HUMAN FOOD	3,002	4,763	4,511	150	95
	<b>MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 1,000 POUNDS</b>			<b>PERCENT</b>	
CANNED EVAPORATED AND CONDENSED WHOLE MILK	47,967	58,100	73,947	154	127
DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD	17,506	11,193	10,661	61	95
DRY SKIM MILK FOR ANIMAL FEED	49,336	114,575	106,074	215	93
DRY BUTTERMILK, TOTAL	664	1,524	1,481	223	97
	8,269	8,856	11,350	137	128
	<b>MANUFACTURERS' SELLING PRICES 3/ 4/ CENTS PER POUND</b>			<b>CHANGE CENTS</b>	
DRY WHOLE MILK	143.83	105.92	105.33	-38.50	-0.59
NONFAT DRY MILK FOR HUMAN FOOD	95.65	85.46	84.53	-11.12	-0.93
DRY SKIM MILK FOR ANIMAL FEED	61.82	54.58	58.17	-3.65	3.59
DRY BUTTERMILK, FOR HUMAN FOOD	84.17	70.05	67.39	-16.78	-2.66

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, JAN 1991**

PRODUCT	CCC PURCHASES (DELIVERY BASIS)				UNCOMMITTED CCC INVENTORIES	
	JAN 1990	JAN 1991	:OCT 1, 1989 THROUGH :JAN 31, 1990	:OCT 1, 1990 THROUGH :JAN 31, 1991	: JAN 31 1990	: JAN 31 1991 /2
	<b>1,000 POUNDS</b>					
BUTTER	71,784	77,455	108,931	131,273	227,528	409,713
CHEESE 1/:	0	15,476	161	40,786	0	23,665
NONFAT DRY MILK:	2,936	55,403	2,936	155,043	2,936	158,979

1/ AMERICAN AND MOZZARELLA CHEESE. INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS WHICH CAN LATEST BE COMMITTED TO PROGRAM USES: PRINT BUTTER 8,358,293 POUNDS; AND INSTANT FORTIFIED NONFAT DRY MILK 25,780 POUNDS.