

# Dairy Products



National  
Agricultural  
Statistics  
Service

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Department of  
Agriculture

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## January 1994 Highlights

**Butter** production was 132 million pounds in January, 9 percent below January 1993 but up 12 percent from December 1993.

**American type cheese** production totaled 247 million pounds, slightly below January 1993 but slightly above December 1993.

**Total cheese output** (excluding cottage cheese) was 538 million pounds, 6 percent above January 1993 but 4 percent below December 1993.

**Creamed cottage cheese** production was 32.4 million pounds, 6 percent below January 1993 and 2 percent below December 1993.

**Lowfat cottage cheese** production was 23.6 million pounds, 7 percent below January 1993 but 2 percent above December 1993.

**Canned evaporated and condensed milk** production at 36.2 million pounds was 20 percent below January 1993 and 22 percent below December 1993.

### **Frozen desserts:** (comparisons with January 1993)

Ice cream (hard)---53.6 million gallons, up 6 percent.

Ice milk---19.9 million gallons, down slightly.

Sherbet (hard)---3.20 million gallons, up 9 percent.

### **Dry milk products:** (comparisons with January 1993)

Nonfat dry milk for human food---89.2 million pounds, up 17 percent.

Dry whole milk---12.1 million pounds, down 7 percent.

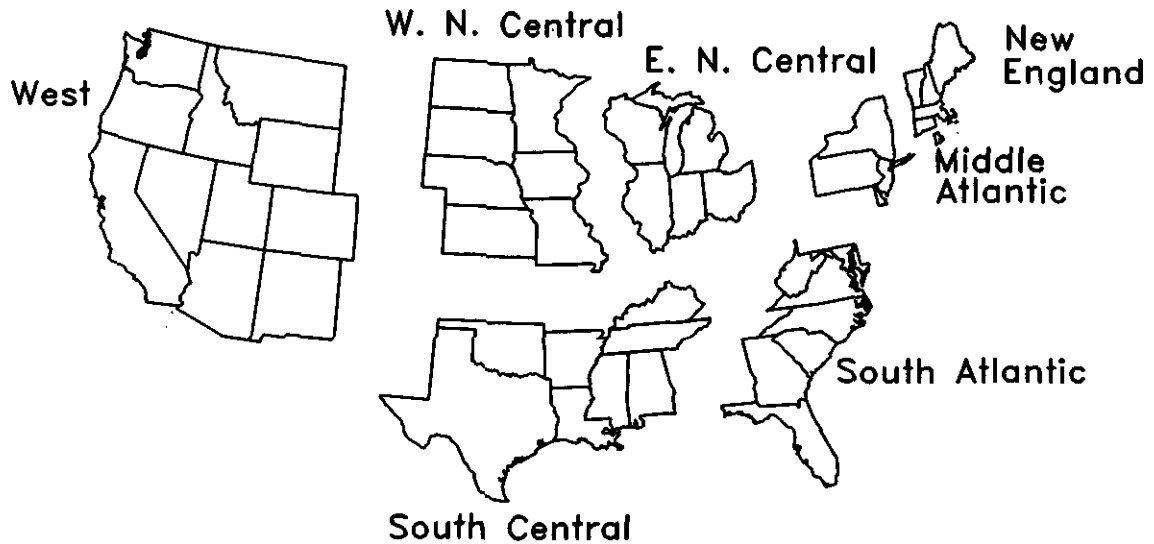
Dry buttermilk---5.99 million pounds, down 11 percent.

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# U.S. Geographic Regions

## Manufactured Dairy



State totals are not published when fewer than 3 firms have reported or one firm comprises more than 50 percent of the State total. The map above outlines the regions used in the product table. In the event we are not able to publish a region for confidential reasons, it will be combined with other regions when possible. For example, the New England region if not publishable separately will be combined with Middle Atlantic to form North Atlantic. If neither can be published, then both will be combined with South Atlantic to publish Atlantic. The West North Central and East North Central will be combined, if necessary, to form North Central. In the event that neither could be published, then we will combined with South to publish Central. Some tables will have only or two regions shown, therefore theregions may not add to the United States total.

Dairy Products: Production by Product,  
United States, January 1993-94

Product	Jan	Dec	Jan	Percent of	
	1993	1993	1994	Jan	Dec
	----- 1,000 Pounds -----			Percent	
Butter	144,448	118,213	131,845	91	112
Cheese					
American Types <u>1/</u>	247,798	246,104	247,280	100	100
Swiss	19,813	20,648	19,717	100	95
Brick and Muenster	11,486	10,765	10,451	91	97
Cream and Neufchatel	26,436	47,203	36,366	138	77
Blue	2,693	2,965	3,147	117	106
Mozzarella	151,519	168,981	165,690	109	98
Other Italian Types	40,532	51,340	44,821	111	87
Total Italian Types	192,051	220,321	210,511	110	96
All Other Types <u>2/</u>	8,786	13,374	10,972	125	82
Total	509,063	561,380	538,444	106	96
Cottage Cheese, Curd <u>3/</u>	38,852	35,767	36,541	94	102
Cottage Cheese, Creamed <u>4/</u>	34,420	32,884	32,383	94	98
Cottage Cheese, Lowfat <u>5/</u>	25,297	23,127	23,636	93	102
Canned Evaporated and Condensed Whole Milk	45,354	46,510	36,170	80	78
Dry Whole Milk	13,010	9,676	12,117	93	125
Nonfat Dry Milk, Human	76,513	91,165	89,198	117	98
Dry Skim Milk, Animal	1,269	559	812	64	145
Dry Buttermilk	6,763	4,686	5,991	89	128
Yogurt, Plain and Flavored	95,440	98,443	103,334	108	105
	----- 1,000 Gallons -----			Percent	
Frozen Products					
Ice Cream, Hard	50,443	54,375	53,596	106	99
Ice Milk, Hard	7,148	6,583	7,178	100	109
Ice Milk, Soft	12,866	13,445	12,746	99	95
Ice Milk, Total	20,014	20,028	19,924	100	99
Sherbet, Hard	2,938	3,173	3,196	109	101
Water and Juice Ices	3,137	2,631	3,226	103	123
Frozen Yogurt	8,248	7,926	8,021	97	101
Other Frozen Dairy Products	3,875	4,323	3,874	100	90
Mix For Frozen Products					
Ice Cream Mix	27,251	30,151	30,979	114	103
Ice Milk Mix	12,339	12,428	12,275	99	99
Sherbet Mix	1,961	2,010	2,248	115	112
Yogurt Mix	5,220	5,284	5,347	102	101

- 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.

Whey and Modified Whey Products: Production, Stocks,  
and Prices, United States, January 1993-94 1/

Product	Jan	Dec	Jan	Percent of	
	1993	1993	1994	Jan	Dec
				1993	1993
	Production				
	----- 1,000 Pounds -----			Percent	
Condensed Whey, Solids Content <u>2/</u> :					
Sweet-Type, Human	2,222	1,737	2,526	114	145
Sweet-Type, Animal	0	1,048	1,025		98
Dry Whey Products					
Dry Whey, Human	74,998	84,856	84,561	113	100
Dry Whey, Animal	19,947	9,879	9,411	47	95
Reduced Lactose and Minerals					
Human	6,936	3,851	4,880	70	127
Animal	3,067	2,469	2,440	80	99
Lactose, Human and Animal	22,037	17,519	18,749	85	107
Whey Solids In Wet Blends, Human	2,037	611	575	28	94
Whey Solids In Wet Blends, Animal	8,765	6,055	8,013	91	132
Whey Protein Concentrate, Human	13,154	12,934	12,225	93	95
Whey Protein Concentrate, Animal	1,272	1,804	1,470	116	81
	Manufacturers' Stocks, End-of-Month <u>3/</u>				
	----- 1,000 Pounds -----			Percent	
Dry Whey Products					
Dry Whey, Human	30,913	40,408	36,265	117	90
Dry Whey, Animal	12,097	4,724	4,798	40	102
Reduced Lactose and Minerals,					
Human and Animal <u>4/</u>	10,052	7,584	7,459	74	98
Lactose, Human and Animal	24,602	36,992	37,751	153	102
Whey Protein Concentrate, Human	6,602	6,865	7,612	115	111
Whey Protein Concentrate, Animal	171	332	237	139	71
	Manufacturers' Selling Price <u>5/</u>				
	--- Cents per Pound ---			Cents Change	
Dry Whey, Human	16.2	20.6	19.7	3.5	-0.9
Dry Whey, Animal	15.9	20.1	19.1	3.2	-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.

Dairy Products: Production by Month,  
United States, 1993-94

Product and Month	By Month			Cumulative		
	1993	1994	1994 as % of 1993	1993	1994	1994 as % of 1993
	1,000 Pounds		Percent	1,000 Pounds		Percent
Butter		131,845	91		131,845	91
Jan	144,448			144,448		
Feb	138,946			283,394		
Mar	139,094			422,488		
Apr	124,162			546,650		
May	115,141			661,791		
Jun	103,893			765,684		
Jul	87,179			852,863		
Aug	79,336			932,199		
Sep	80,437			1,012,636		
Oct	92,103			1,104,739		
Nov	95,698			1,200,437		
Dec	118,213			1,318,650		
American Cheese		247,280	100		247,280	100
Jan	247,798			247,798		
Feb	222,885			470,683		
Mar	236,057			706,740		
Apr	254,774			961,514		
May	277,691			1,239,205		
Jun	266,151			1,505,356		
Jul	259,477			1,764,833		
Aug	237,752			2,002,585		
Sep	213,486			2,216,071		
Oct	238,970			2,455,041		
Nov	223,673			2,678,714		
Dec	246,104			2,924,818		
Italian Cheese		210,511	110		210,511	110
Jan	192,051			192,051		
Feb	189,982			382,033		
Mar	215,586			597,619		
Apr	212,123			809,742		
May	214,668			1,024,410		
Jun	205,583			1,229,993		
Jul	202,658			1,432,651		
Aug	209,518			1,642,169		
Sep	211,185			1,853,354		
Oct	210,432			2,063,786		
Nov	209,384			2,273,170		
Dec	220,321			2,493,491		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1993-94 (continued)

Product and Month	By Month			Cumulative		
	1993	1994	1994 as % of 1993	1993	1994	1994 as % of 1993
	1,000 Pounds		Percent	1,000 Pounds		Percent
Total Cheese						
Jan	509,063	538,444	106	509,063	538,444	106
Feb	488,858			997,921		
Mar	543,942			1,541,863		
Apr	552,630			2,094,493		
May	571,731			2,666,224		
Jun	554,812			3,221,036		
Jul	540,713			3,761,749		
Aug	529,963			4,291,712		
Sep	516,474			4,808,186		
Oct	556,037			5,364,223		
Nov	539,297			5,903,520		
Dec	561,380			6,464,900		
Nonfat Dry Milk, Human						
Jan	76,513	89,198	117	76,513	89,198	117
Feb	83,567			160,080		
Mar	69,079			229,159		
Apr	90,664			319,823		
May	103,579			423,402		
Jun	95,220			518,622		
Jul	88,423			607,045		
Aug	64,886			671,931		
Sep	51,053			722,984		
Oct	56,348			779,332		
Nov	55,968			835,300		
Dec	91,165			926,465		
Total Dry Whey <u>1/</u>						
Jan	94,945	93,972	99	94,945	93,972	99
Feb	91,965			186,910		
Mar	99,557			286,467		
Apr	111,592			398,059		
May	120,901			518,960		
Jun	108,173			627,133		
Jul	103,038			730,171		
Aug	97,326			827,497		
Sep	94,615			922,112		
Oct	91,470			1,013,582		
Nov	88,416			1,101,998		
Dec	94,735			1,196,733		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1993-94 (continued)

Product and Month	By Month			Cumulative		
	1993	1994	1994 as % of 1993	1993	1994	1994 as % of 1993
	1,000 Pounds		Percent	1,000 Pounds		Percent
<b>Creamed Cottage Cheese</b>						
Jan	34,420	32,383	94	34,420	32,383	94
Feb	34,084			68,404		
Mar	39,694			108,098		
Apr	35,443			143,541		
May	35,607			179,148		
Jun	34,890			214,038		
Jul	37,636			251,674		
Aug	38,183			289,857		
Sep	36,181			326,038		
Oct	34,676			360,714		
Nov	34,645			395,359		
Dec	32,884			428,243		
<b>Lowfat Cottage Cheese</b>						
Jan	25,297	23,636	93	25,297	23,636	93
Feb	25,869			51,166		
Mar	29,133			80,299		
Apr	27,444			107,743		
May	25,896			133,639		
Jun	27,865			161,504		
Jul	26,953			188,457		
Aug	27,551			216,008		
Sep	26,241			242,249		
Oct	24,131			266,380		
Nov	24,184			290,564		
Dec	23,127			313,691		
	1,000 Gallons		Percent	1,000 Gallons		Percent
<b>Ice Cream, Hard</b>						
Jan	50,443	53,596	106	50,443	53,596	106
Feb	55,417			105,860		
Mar	69,852			175,712		
Apr	69,220			244,932		
May	71,567			316,499		
Jun	84,716			401,215		
Jul	83,460			484,675		
Aug	78,472			563,147		
Sep	68,917			632,064		
Oct	58,081			690,145		
Nov	52,338			742,483		
Dec	54,375			796,858		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1993-94 (continued)

Product and Month	By Month			Cumulative		
	1993	1994	1994 as % of 1993	1993	1994	1994 as % of 1993
	1,000 Gallons		Percent	1,000 Gallons		Percent
Ice Milk						
Jan	20,014	19,924	100	20,014	19,924	100
Feb	23,172			43,186		
Mar	27,612			70,798		
Apr	31,978			102,776		
May	34,703			137,479		
Jun	34,781			172,260		
Jul	36,258			208,518		
Aug	34,672			243,190		
Sep	27,373			270,563		
Oct	23,832			294,395		
Nov	20,485			314,880		
Dec	20,028			334,908		
Sherbet, Hard						
Jan	2,938	3,196	109	2,938	3,196	109
Feb	3,094			6,032		
Mar	4,124			10,156		
Apr	4,139			14,295		
May	4,260			18,555		
Jun	4,948			23,503		
Jul	4,920			28,423		
Aug	4,430			32,853		
Sep	3,757			36,610		
Oct	3,060			39,670		
Nov	2,965			42,635		
Dec	3,173			45,808		
Frozen Yogurt						
Jan	8,248	8,021	97	8,248	8,021	97
Feb	11,169			19,417		
Mar	13,716			33,133		
Apr	14,214			47,347		
May	14,172			61,519		
Jun	16,280			77,799		
Jul	14,793			92,592		
Aug	14,712			107,304		
Sep	11,931			119,235		
Oct	10,086			129,321		
Nov	8,103			137,424		
Dec	7,926			145,350		

1/ Excludes all modified dry whey products.



American Cheese: Production by State and United States, January 1993-94

State	Jan 1993	Dec 1993	Jan 1994	Percent of	
				Jan 1993	Dec 1993
1,000 Pounds			Percent		
CA	26,000	30,093	28,949	111	96
ID	12,272	19,272	18,455	150	96
KS	3,277	3,687	3,650	111	99
MI	1,924	1,486	1,240	64	83
MN	50,464	44,699	49,826	99	111
NY	7,498	8,973	8,505	113	95
ND	2,854	2,640	2,549	89	97
OR	4,090	3,880	3,915	96	101
SD	3,578	3,612	3,112	102	86
UT	3,143	2,829	3,198	87	113
VT	3,399	2,882	3,581	105	124
WA	1,570	2,267	1,753	112	77
WI	81,000	75,000	74,500	92	99
Oth Sts <u>1/</u>	46,729	44,784	44,047	94	98
US	247,798	246,104	247,280	100	100
N Atlantic <u>2/</u>		11,950	12,175		102
S Atlantic <u>2/</u>		426	351		82
E N Central <u>2/</u>		79,292	78,441		99
W N Central <u>2/</u>		68,870	74,132		108
S Central <u>2/</u>		14,781	13,464		91
West <u>2/</u>		70,785	68,717		97

1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

2/ 1993 regional data not available until Dairy Products 1993 Summary, released May 6, 1994.

Mozzarella Cheese: Production by State and United States, January 1993-94

State	Jan 1993	Dec 1993	Jan 1994	Percent of	
				Jan 1993	Dec 1993
1,000 Pounds			Percent		
CA	29,400	36,410	38,703	132	106
ID	200	43	13	7	30
IL	1,333	1,646	1,497	112	91
MI	7,964	8,086	7,964	100	98
NY	12,523	12,695	13,892	111	109
PA	13,335	17,935	17,169	129	96
WI	54,000	56,000	51,000	94	91
Oth Sts <u>1/</u>	32,764	36,166	35,452	108	98
US	151,519	168,981	165,690	109	98
N & S Atlantic <u>2/</u>		35,901	36,450		102
E N Central <u>2/</u>		66,015	60,763		92
W N Central <u>2/</u>		24,317	23,341		96
West <u>2/</u>		41,736	44,307		106

1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

2/ 1993 regional data not available until Dairy Products 1993 Summary, released May 6, 1994.

Butter: Production by State and United States, January 1993-94

State	Jan	Dec	Jan	Percent of	
	1993	1993	1994	Jan	Dec
	1,000 Pounds			Percent	
CA	34,000	30,768	34,280	101	111
ID	107	4	2	2	50
KS	2,881	2,693	2,949	102	110
MI	2,134	3,314	1,016	48	31
MN	6,761	3,939	4,510	67	114
MT	92	120	95	103	79
NY	3,330	2,148	2,468	74	115
ND	408	1,009	1,093	268	108
OR	1,125	950	970	86	102
PA	9,140	7,795	9,275	101	119
WA	11,798	9,696	11,263	95	116
WI	35,000	29,000	31,600	90	109
Oth Sts <u>1/</u>	37,672	26,777	32,324	86	121
US	144,448	118,213	131,845	91	112
N Atlantic <u>2/</u>		12,748	16,149		127
S Atlantic <u>2/</u>		4,161	5,209		125
E N Central <u>2/</u>		38,556	38,795		101
W N Central <u>2/</u>		11,561	13,889		120
S Central <u>2/</u>		8,431	9,558		113
West <u>2/</u>		42,756	48,245		113

1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

2/ 1993 regional data not available until Dairy Products 1993 Summary, released May 6, 1994.

Nonfat Dry Milk, Human: Production by State  
and United States, January 1993-94

State	Jan	Dec	Jan	Percent of	
	1993	1993	1994	Jan 1993	Dec 1993
	----- 1,000 Pounds -----			Percent	
CA	23,535	37,305	37,009	157	99
MI	1,791	2,489	323	18	13
MN	402	671	500	124	75
NY	2,863	654	1,762	62	269
WA	11,488	10,679	10,500	91	98
WI	2,756	4,188	5,350	194	128
Oth Sts <u>1/</u>	33,678	35,179	33,754	100	96
US	76,513	91,165	89,198	117	98
N Atlantic <u>2/</u>		7,016	8,423		120
S Atlantic <u>2/</u>		5,991	5,047		84
E N Central <u>2/</u>		8,228	5,912		72
W N Central <u>2/</u>		8,147	7,696		94
S Central <u>2/</u>		10,576	10,059		95
West <u>2/</u>		51,207	52,061		102

1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

2/ 1993 regional data not available until Dairy Products 1993 Summary, released May 6, 1994.

Ice Cream, Hard: Production by State  
and United States, January 1993-94

State	Jan	Dec	Jan	Percent of	
	1993	1993	1994	Jan	Dec
				1993	1993
	1,000 Gallons			Percent	
AL	1,009	845	881	87	104
AZ	431	373	460	107	123
AR	230	156	181	79	116
CA	6,550	5,880	6,444	98	110
CO	717	529	644	90	122
FL	1,800	1,229	1,450	81	118
GA	804	522	484	60	93
ID	613	512	525	86	103
IL	1,687	2,260	2,200	130	97
IN	2,063	3,833	3,268	158	85
KS	426	159	384	90	242
MD	974	945	834	86	88
MA	2,390	3,054	2,233	93	73
MI	1,708	1,455	1,094	64	75
MN	2,364	2,274	2,812	119	124
MO	985	928	974	99	105
NY	2,300	2,950	2,300	100	78
NC	2,263	2,426	2,060	91	85
ND	59	109	43	73	39
OH	2,350	2,690	2,200	94	82
OK	870	648	671	77	104
OR	520	600	550	106	92
PA	3,700	5,310	5,568	150	105
SC	759	665	553	73	83
TN	926	1,237	831	90	67
TX	2,741	2,693	2,759	101	102
UT	710	658	622	88	95
VA	42	1,013	1,749		173
WA	950	1,156	1,363	143	118
WI	600	680	560	93	82
Oth Sts <u>1/</u>	6,902	6,586	6,899	100	105
US	50,443	54,375	53,596	106	99
N Atlantic <u>2/</u>		14,166	12,935		91
S Atlantic <u>2/</u>		6,801	7,131		105
E N Central <u>2/</u>		10,918	9,322		85
W N Central <u>2/</u>		6,136	7,228		118
S Central <u>2/</u>		6,147	5,890		96
West <u>2/</u>		10,207	11,090		109

1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

2/ 1993 regional data not available until Dairy Products 1993 Summary, released May 6, 1994.

Canned Milk and Dry Milk Products: Manufacturers' Shipments,  
Stocks, and Selling Prices, January 1993-94

Product	Jan	Dec	Jan	Percent of	
	1993	1993	1994	Jan	Dec
				1993	1993
	Manufacturers' Shipments <u>1/</u>				
	----- 1,000 Pounds -----			Percent	
Dry Whole Milk	9,871	9,134	9,852	100	108
Nonfat Dry Milk, Human	76,616	67,053	81,613	107	122
Dry Skim Milk, Animal	975	621	829	85	133
Dry Buttermilk, Human	4,766	3,668	3,251	68	89
	Manufacturers' Stocks, End-of-Month <u>2/</u> <u>3/</u>				
	----- 1,000 Pounds -----			Percent	
Canned Evaporated and Condensed Whole Milk	53,003	33,887	43,717	81	129
Dry Whole Milk	6,270	6,479	6,623	106	102
Nonfat Dry Milk, Human	70,271	79,873	79,120	113	99
Dry Skim Milk, Animal	1,780	1,919	1,760	99	92
Dry Buttermilk, Total	5,073	3,628	5,332	105	147
	Manufacturers' Selling Prices <u>3/</u> <u>4/</u>				
	----- Cents per Pound -----			Cents Change	
Dry Whole Milk	112.84	118.16	116.67	3.83	-1.49
Nonfat Dry Milk, Human	105.29	108.10	107.20	1.91	-0.90
Dry Skim Milk, Animal	55.28	55.40	52.82	-2.46	-2.58
Dry Buttermilk, Human	88.85	106.95	104.89	16.04	-2.06

1/ For dry products, shipments of bulk goods only.

2/ Stocks held by manufacturers at all points and in transit.

3/ Revised.

4/ Prices for bulk goods, F.O.B. plant. Average monthly prices reported by firms, weighted by shipments of each firm.

**Procedures and Reliability:** Estimates included in this report are based on data provided by manufacturers of these products. There are 32 States where the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden. Data are collected by mail, personal and telephone interviews following the close of each month. There were 1,603 manufacturers that made one or more products in 1992. Reports are generally received from all dairy plants in States with small numbers of plants. In States with large numbers of plants, survey procedures are designed to obtain reports from all large plants and from a sample of small plants. Estimates are based upon returns from about 70 percent of the plants which account for 70 to 90 percent of the total production of major dairy products.

**Revision Policy:** Monthly production estimates are not subject to revision until the annual Dairy Products is published each May. An attempt is made to get information from all plants for preparing these estimates. Stocks data are subject to revision the following month.

The next "Dairy Products" report will be released at 3 p.m. ET on April 6, 1994.

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