

# Dairy Products



USDA  
Washington, D.C.

---

Released April 3, 1997, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Dairy Products" call Kevin Hintzman at (202) 720-4448, office hours 7:30 a.m. to 4:00 p.m. ET.

## February 1997 Highlights

**Butter** production was 106 million pounds in February, 10 percent below February 1996 and 15 percent below January 1997.

**American type cheese** production totaled 270 million pounds, slightly below February 1996 and 3 percent below January 1997.

**Total cheese** output (excluding cottage cheese) was 576 million pounds, slightly below from February 1996 and 3 percent below January 1997.

**Creamed cottage cheese** production was 27.8 million pounds, 6 percent below February 1996 and 3 percent below January 1997.

**Lowfat cottage cheese** production was 26.7 million pounds, 2 percent above February 1996 but slightly below January 1997.

**Frozen desserts:** (comparisons with February 1996)

Ice cream (hard) --- 63.3 million gallons, up 4 percent.

Ice cream (lowfat) --- 23.4 million gallons, up 10 percent.

Ice cream (nonfat) --- 2.81 million gallons, up 1 percent.

Sherbet (hard) --- 3.61 million gallons, up 1 percent.

Frozen Yogurt (total) --- 8.03 million gallons, down 14 percent.

**Dry milk products:** (comparisons with February 1996)

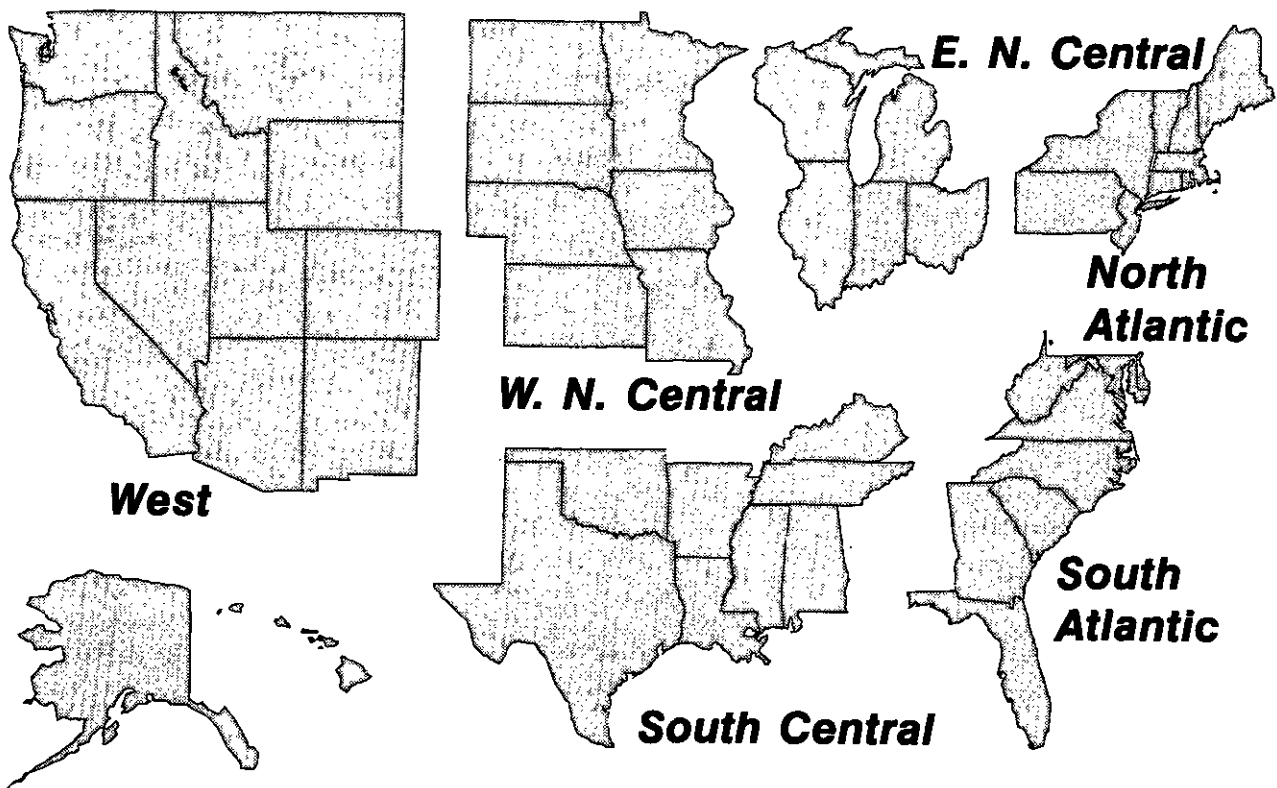
Nonfat dry milk for human food --- 91.3 million pounds, down 2 percent.

Dry whole milk --- 10.0 million pounds, down 15 percent.

Dry buttermilk --- 4.61 million pounds, down 18 percent.

Since 1996 was a leap year, with 29 days in February, year-to-year percentage changes may be distorted. Production numbers and percentages were not adjusted to reflect the difference in the number of days. The adjustment would be 3.6% (29/28) = 1.036 to the 1997 estimates for making comparisons on a daily basis.

# U. S. Geographic Regions Manufactured Dairy



State totals are not published when fewer than 3 firms have reported or one firm comprises more than 60 percent of the State total. The map above outlines the regions used in the product tables. If we are not able to publish a region for confidentiality reasons, it will be combined with other regions when possible. For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, they will be combined with South Central to publish Central. Some tables will have only one or two regions shown, therefore the regions may not add to the United States total.



Whey and Modified Whey Products: Production, Stocks,  
and Prices, United States, February, 1996-97

Product	Production		Percent of	
	Feb 1996	Jan 1997 1/	Feb 1997	Feb 1996 : Jan 1997
	----- 1,000 Pounds -----		Percent	
Condensed Whey, Solids Content 2/				
Sweet-Type, Human	7,083	6,864	8,357	118 122
Sweet-Type, Animal	2,530	2,103	2,117	84 101
Dry Whey Products				
Dry Whey, Human	87,978	87,704	81,240	92 93
Dry Whey, Animal	5,567	4,864	5,113	92 105
Reduced Lactose and Minerals				
Human Food	6,980	5,860	5,621	81 96
Animal Feed	1,994	2,412	2,309	116 96
Lactose, Human and Animal	26,558	31,239	34,763	131 111
Whey				
Solids in Wet Blends, Animal	6,049	6,289	6,337	105 101
Protein Concentrate, Human	13,577	24,157	24,310	179 101
Protein Concentrate, Animal	2,592	2,644	2,669	103 101
	----- 1,000 Pounds -----		Percent	
Dry Whey Products				
Dry Whey, Human	34,336	29,339	28,687	84 98
Dry Whey, Animal	4,904	3,275	3,698	75 113
Reduced Lactose and Minerals				
Human and Animal 4/	10,334	6,587	6,972	67 106
Lactose, Human and Animal	17,803	16,849	17,425	98 103
Whey Protein Concentrate, Human	7,247	8,481	7,114	98 84
Whey Protein Concentrate, Animal	664	634	537	81 85
	---- Cents per Pound ---		Cents Change	
Dry Whey, Human	21.3	18.2	19.2	-2.1 1.0
Dry Whey, Animal	21.0	17.5	18.5	-2.5 1.0

- 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/ 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 Product and Month,  
United States, 1996-97

Product and Month	By Month			Cumulative		
	1996	1997	1997 as % of 1996	1996	1997	1997 as % of 1996
	-- 1,000 Pounds --		Percent	--- 1,000 Pounds ---		Percent
Butter						
Jan	125,431	123,966	99	125,431	123,966	99
Feb	118,088	105,923	90	243,519	229,889	94
Mar	113,249			356,768		
Apr	107,907			464,675		
May	100,732			565,407		
Jun	72,949			638,356		
Jul	72,050			710,406		
Aug	73,165			783,571		
Sep	80,951			864,522		
Oct	95,483			960,005		
Nov	95,127			1,055,132		
Dec	111,068			1,166,200		
American Cheese						
Jan	275,432	278,873	101	275,432	278,873	101
Feb	270,824	269,616	100	546,256	548,489	100
Mar	286,133			832,389		
Apr	277,215			1,109,604		
May	299,335			1,408,939		
Jun	281,917			1,690,856		
Jul	267,653			1,958,509		
Aug	262,293			2,220,802		
Sep	260,199			2,481,001		
Oct	265,282			2,746,283		
Nov	260,815			3,007,098		
Dec	283,983			3,291,081		
Italian Cheese						
Jan	228,900	233,867	102	228,900	233,867	102
Feb	224,937	226,105	101	453,837	459,972	101
Mar	245,362			699,199		
Apr	234,908			934,107		
May	235,892			1,169,999		
Jun	220,832			1,390,831		
Jul	219,159			1,609,990		
Aug	225,319			1,835,309		
Sep	225,877			2,061,186		
Oct	232,751			2,293,937		
Nov	224,298			2,518,235		
Dec	246,364			2,764,599		

See footnotes at end of table.

--continued

Dairy Products: Production by Product and Month,  
United States, 1996-97 (continued)

Product and Month	By Month			Cumulative		
	1996	1997	1997 as % of 1996	1996	1997	1997 as % of 1996
	-- 1,000 Pounds --		Percent	--- 1,000 Pounds ---		Percent
Total Cheese						
Jan	585,453	596,052	102	585,453	596,052	102
Feb	576,746	576,037	100	1,162,199	1,172,089	101
Mar	621,926			1,784,125		
Apr	601,503			2,385,628		
May	628,417			3,014,045		
Jun	595,934			3,609,979		
Jul	571,430			4,181,409		
Aug	581,849			4,763,258		
Sep	585,063			5,348,321		
Oct	608,203			5,956,524		
Nov	586,877			6,543,401		
Dec	628,312			7,171,713		
Nonfat Dry Milk, Human						
Jan	98,945	97,288	98	98,945	97,288	98
Feb	92,967	91,327	98	191,912	188,615	98
Mar	104,443			296,355		
Apr	113,063			409,418		
May	112,647			522,065		
Jun	93,412			615,477		
Jul	80,702			696,179		
Aug	61,708			757,887		
Sep	56,216			814,103		
Oct	65,813			879,916		
Nov	75,358			955,274		
Dec	101,314			1,056,588		
Total Dry Whey 1/						
Jan	89,595	92,568	103	89,595	92,568	103
Feb	93,545	86,353	92	183,140	178,921	98
Mar	97,431			280,571		
Apr	97,891			378,462		
May	102,104			480,566		
Jun	97,977			578,543		
Jul	95,982			674,525		
Aug	93,529			768,054		
Sep	86,198			854,252		
Oct	87,285			941,537		
Nov	79,441			1,020,978		
Dec	89,195			1,110,173		

See footnotes at end of table.

--continued

Dairy Products: Production by Product and Month,  
United States, 1996-97 (continued)

Product and Month	By Month			Cumulative		
	1996	1997	1997 as % of 1996	1996	1997	1997 as % of 1996
	1,000 Pounds		Percent	1,000 Pounds		Percent
<b>Cream Cottage Cheese</b>						
Jan	29,830	28,672	96	29,830	28,672	96
Feb	29,511	27,807	94	59,341	56,479	95
Mar	30,834			90,175		
Apr	30,162			120,337		
May	32,187			152,524		
Jun	30,047			182,571		
Jul	32,450			215,021		
Aug	32,387			247,408		
Sep	30,785			278,193		
Oct	31,601			309,794		
Nov	29,325			339,119		
Dec	27,371			366,490		
<b>Lowfat Cottage Cheese</b>						
Jan	25,174	26,851	107	25,174	26,851	107
Feb	26,281	26,731	102	51,455	53,582	104
Mar	27,837			79,292		
Apr	28,522			107,814		
May	28,726			136,540		
Jun	27,500			164,040		
Jul	30,219			194,259		
Aug	29,291			223,550		
Sep	28,403			251,953		
Oct	26,957			278,910		
Nov	25,269			304,179		
Dec	24,384			328,563		
	1,000 Gallons		Percent	1,000 Gallons		Percent
<b>Ice Cream, Hard</b>						
Jan	54,090	58,621	108	54,090	58,621	108
Feb	60,872	63,323	104	114,962	121,944	106
Mar	66,892			181,854		
Apr	72,948			254,802		
May	80,698			335,500		
Jun	87,604			423,104		
Jul	87,813			510,917		
Aug	79,063			589,980		
Sep	67,825			657,805		
Oct	61,875			719,680		
Nov	50,005			769,685		
Dec	51,734			821,419		

See footnotes at end of table.

--continued

Dairy Products: Production by Product and Month,  
United States, 1996-97 (continued)

Product and Month	By Month			Cumulative		
	1996	1997	1997 as % of 1996	1996	1997	1997 as % of 1996
	1,000 Gallons		Percent	1,000 Gallons		Percent
<b>Ice Cream, Lowfat</b>						
Jan	20,183	23,205	115	20,183	23,205	115
Feb	21,237	23,381	110	41,420	46,586	112
Mar	27,654			69,074		
Apr	30,007			99,081		
May	33,739			132,820		
Jun	36,019			168,839		
Jul	36,604			205,443		
Aug	34,156			239,599		
Sep	27,132			266,731		
Oct	25,379			292,110		
Nov	20,855			312,965		
Dec	20,033			332,998		
<b>Ice Cream, Nonfat</b>						
Jan	2,678	2,247	84	2,678	2,247	84
Feb	2,783	2,810	101	5,461	5,057	93
Mar	3,715			9,176		
Apr	3,349			12,525		
May	3,540			16,065		
Jun	3,266			19,331		
Jul	4,263			23,594		
Aug	3,828			27,422		
Sep	3,411			30,833		
Oct	3,114			33,947		
Nov	2,066			36,013		
Dec	1,896			37,909		
<b>Sherbet, Hard</b>						
Jan	3,451	3,331	97	3,451	3,331	97
Feb	3,569	3,607	101	7,020	6,938	99
Mar	4,039			11,059		
Apr	4,260			15,319		
May	4,826			20,145		
Jun	5,149			25,294		
Jul	5,601			30,895		
Aug	5,099			35,994		
Sep	3,758			39,752		
Oct	3,675			43,427		
Nov	2,852			46,279		
Dec	3,168			49,447		
<b>Frozen Yogurt</b>						
Jan	7,420	6,467	87	7,420	6,467	87
Feb	9,314	8,034	86	16,734	14,501	87
Mar	10,779			27,513		
Apr	11,308			38,821		
May	12,248			51,069		
Jun	11,692			62,761		
Jul	13,397			76,158		
Aug	11,084			87,242		
Sep	9,704			96,946		
Oct	8,485			105,431		
Nov	7,375			112,806		
Dec	6,856			119,662		

1/ Excludes all modified dry whey products.



American Cheese: Production by State and United States, February 1996-97

State	Feb	Jan	Feb	Percent of	
	1996	1997	1997	Feb 1996	Jan 1997
1,000 Pounds			Percent		
CA	32,583	37,908	42,038	129	111
ID	29,805	32,201	30,613	103	95
IA	7,306	8,749	8,074	111	92
KS	2,564	3,013	2,685	105	89
MN	51,413	48,522	46,254	90	95
NY	7,196	8,105	8,060	112	99
ND	1,849	1,875	1,643	89	88
OH	2,544	2,932	2,335	92	80
OR	4,029	4,504	4,309	107	96
SD	3,969	4,500	3,972	100	88
TN	881				
UT	2,824	2,679	2,985	106	111
VT	4,700	3,463	3,104	66	90
WA	3,803	4,861	4,590	121	94
WI	79,000	81,000	75,000	95	93
Oth Sts 1/	36,358	34,561	33,954	93	98
US	270,824	278,873	269,616	100	97
Atlantic	14,148	12,031	11,639	82	97
E N Central	82,992	85,346	78,643	95	92
W N Central	71,011	71,285	67,270	95	94
S Central	12,777	13,250	13,403	105	101
West	89,896	96,961	98,661	110	102

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

Mozzarella Cheese: Production by State and United States, February 1996-97

State	Feb	Jan	Feb	Percent of	
	1996	1997	1997	Feb 1996	Jan 1997
1,000 Pounds			Percent		
CA	40,039	46,105	43,388	108	94
NY	16,752	16,221	14,972	89	92
PA	19,885	19,497	18,855	95	97
WI	49,700	52,500	51,500	104	98
Oth Sts 1/	57,650	53,434	54,761	95	102
US	184,026	187,757	183,476	100	98
Atlantic	42,073	41,315	39,051	93	95
E N Central	59,652	62,062	60,246	101	97
W N Central	19,827	21,258	17,739	89	83
West	62,474	63,122	66,440	106	105

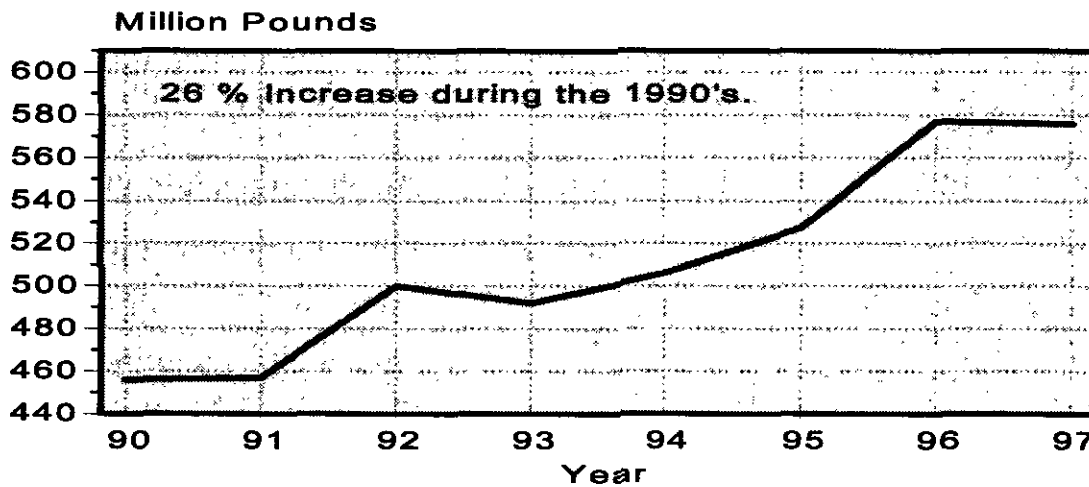
1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Butter: Production by State and United States, February 1996-97

State	Feb	Jan	Feb	Percent of	
	1996	1997	1997	Feb 1996	Jan 1997
	----- 1,000 Pounds -----			--- Percent ---	
CA	29,642	31,838	23,620	80	74
MI	1,737	2,300	1,500	86	65
MN	4,543	6,808	5,072	112	75
NY	2,575	2,500	2,404	93	96
ND	356	392	331	93	84
OR	1,850	2,250	2,300	124	102
PA	8,700	6,674	5,731	66	86
WA	7,754	10,084	7,791	100	77
WI	25,800	32,650	29,000	112	89
Oth Sts 1/	35,131	28,470	28,174	80	99
US	118,088	123,966	105,923	90	85
N Atlantic	14,328	13,276	11,199	78	84
S Atlantic	5,233	4,835	4,447	85	92
E N Central	34,522	41,822	37,092	107	89
W N Central	12,608	11,377	9,756	77	86
S Central	10,175	6,812	8,309	82	122
West	41,222	45,844	35,120	85	77

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

## February Total Cheese Production United States



Nonfat Dry Milk, Human: Production by State  
and United States, February 1996-97

State	Feb	Jan	Feb	Percent of	
	1996	1997	1997	Feb 1996	Jan 1997
			1,000 Pounds		
			Percent		
CA	32,925	37,686	35,025	106	93
IA	4,356	5,572	4,860	112	87
MI	3,577	1,696	1,362	38	80
MN	1,486	1,550	1,100	74	71
NY	2,509	1,578	1,543	61	98
TN	643				
WA	13,970	14,585	12,913	92	89
WI	3,900	830	865	22	104
Oth Sts 1/	29,601	33,791	33,659	114	100
US	92,967	97,288	91,327	98	94
Atlantic	16,615	19,636	19,263	116	98
E N Central	8,262	3,677	3,414	41	93
W N Central	9,609	8,511	7,236	75	85
S Central	8,254	4,438	5,263	64	119
West	50,227	61,026	56,151	112	92

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

Ice Cream, Hard: Production by State and United States, February 1996-97

State	Feb	Jan	Feb	Percent of	
	1996	1997	1997	Feb	Jan
	1,000 Gallons			Percent	
AZ	605	364	333	55	91
AR	417	220	287	69	130
CA	7,588	6,969	7,509	99	108
CO	831	536	781	94	146
FL	1,800	1,350	1,400	78	104
GA	894	708	736	82	104
ID	539	705	562	104	80
IL	2,225	3,060	2,911	131	95
IN	4,078	3,572	5,081	125	142
KS	209	316	259	124	82
MD	1,263	1,506	1,530	121	102
MA	3,840	4,464	3,673	96	82
MI	1,787	1,800	1,650	92	92
MN	3,306	2,516	3,274	99	130
MO	835	789	920	110	117
NM	299	227	230	77	101
NY	2,400	1,900	2,100	88	111
NC	1,669	1,731	1,586	95	92
ND	74	81	72	97	89
OH	3,000	2,060	2,800	93	136
OR	680	700	690	101	99
PA	3,900	3,938	3,749	96	95
SC	432	621	852	197	137
TN	874	749	864	99	115
TX	3,447	3,761	3,723	108	99
UT	794	732	797	100	109
WA	1,398	1,349	1,512	108	112
WI	610	560	600	98	107
Oth Sts 1/	11,078	11,337	12,842	116	113
US	60,872	58,621	63,323	104	108
N Atlantic	13,393	13,292	12,974	97	98
S Atlantic	6,978	6,818	7,016	101	103
E N Central	11,700	11,052	13,042	111	118
W N Central	8,607	8,359	9,689	113	116
S Central	7,323	6,629	6,870	94	104
West	12,871	12,471	13,732	107	110

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

Canned Milk and Dry Milk Products: Manufacturers' Shipments,  
Stocks, and Selling Prices, February 1996-97

Product	1996		1997		Percent of	
	Feb	Jan	Feb	Jan	1996	1997
Manufacturers' Shipments 2/ ----- 1,000 Pounds ----- Percent ---						
Dry Whole Milk	8,086	6,551	7,302		90	111
Nonfat Dry Milk, Human	68,313	89,228	84,406		124	95
Dry Skim Milk, Animal	619	752	368		59	49
Dry Buttermilk, Human	3,143	5,379	3,040		97	57
Manufacturers' Stocks End-of-Month 3/ ----- 1,000 Pounds ----- Percent ---						
Canned Evaporated and Condensed Whole Milk	39,197	20,581	21,948		56	107
Dry Whole Milk	8,557	7,863	4,770		56	61
Nonfat Dry Milk, Human	80,018	74,776	71,227		89	95
Dry Skim Milk, Animal	931	798	767		82	96
Dry Buttermilk, Total	4,448	2,449	2,276		51	93
Manufacturers' Selling Prices 4/ ----- Cents per Pound ----- Cents Change						
Dry Whole Milk	117.29	117.88	119.99		2.70	2.11
Nonfat Dry Milk, Human	109.70	111.53	111.26		1.56	-.27
Dry Skim Milk, Animal	52.79	65.62	58.35		5.56	-7.27
Dry Buttermilk, Human	94.84	90.85	94.66		-.18	3.81

1/ Revised.

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

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

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 each month by manufacturers of these products. In 32 States, 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 1,495 manufacturers that made one or more products in 1995. Each month, 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 monthly reports from all large plants and from a sample of small plants. Monthly 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 subject to revision the month following the preliminary estimates. Annual revisions are also published in the "**Dairy Products**" report published each April. In preparing the annual report, an attempt is made to get information from all plants.

The next **"Dairy Products"** report will be released at 3 P.M. ET on May 2, 1997.

The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-2791.

To file a complaint, write the Secretary of Agriculture, USDA, Washington, D.C., 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

## **SUBSCRIBE TODAY!!**

---

For your convenience, there are several ways to obtain NASS reports, data products, and services:

### **INTERNET ACCESS**

All NASS reports are now available free of charge on the worldwide Internet. For access, connect to the Internet and select:

1. Worldwide Web: <http://www.usda.gov/nass/> **OR**
2. For Gopher/Telenet/FTP access:  
HOST=usda.mannlib.cornell.edu **OR**
3. For a subscription direct to your e-mail address,  
send an e-mail message to: [usda-reports@usda.mannlib.cornell.edu](mailto:usda-reports@usda.mannlib.cornell.edu)  
and in the body of the message type the word: list

### **AUTOFAX ACCESS**

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts.

---

### **PRINTED REPORTS OR DATA PRODUCTS**

CALL OUR TOLL-FREE ORDER DESK: 1-800-999-6779 (U.S. and Canada)  
Other areas, please call 1-703-834-0125 FAX: 1-703-834-0110  
(Visa, MasterCard, check, or money order acceptable for payment.)

---

### **ASSISTANCE**

For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the **Agricultural Statistics Hotline** at 1-800-727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [NASS@NASS.USDA.GOV](mailto:NASS@NASS.USDA.GOV).

---