

Dairy Products



United States
Department of
Agriculture

Washington, D.C.

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March 1994 Highlights

Butter production was 118 million pounds in March, 10 percent below March 1993 and down 1 percent from February 1994.

American type cheese production totaled 250 million pounds, 1 percent above March 1993 and 13 percent above February 1994.

Total cheese output (excluding cottage cheese) was 585 million pounds, 4 percent above March 1993 and 15 percent above February 1994.

Creamed cottage cheese production was 37.3 million pounds, 6 percent below March 1993 but 15 percent above February 1994.

Lowfat cottage cheese production was 28.0 million pounds, 5 percent below March 1993 but 13 percent above February 1994.

Canned evaporated and condensed milk production at 55.2 million pounds was 9 percent above March 1993 and 34 percent above February 1994.

Frozen desserts: (comparisons with March 1993)

Ice cream (hard)---73.9 million gallons, up 1 percent.

Ice milk---32.8 million gallons, up 15 percent.

Sherbet(hard)---4.47 million gallons, up 3 percent.

Dry milk products: (comparisons with March 1993)

Nonfat dry milk for human food---102 million pounds, up 31 percent.

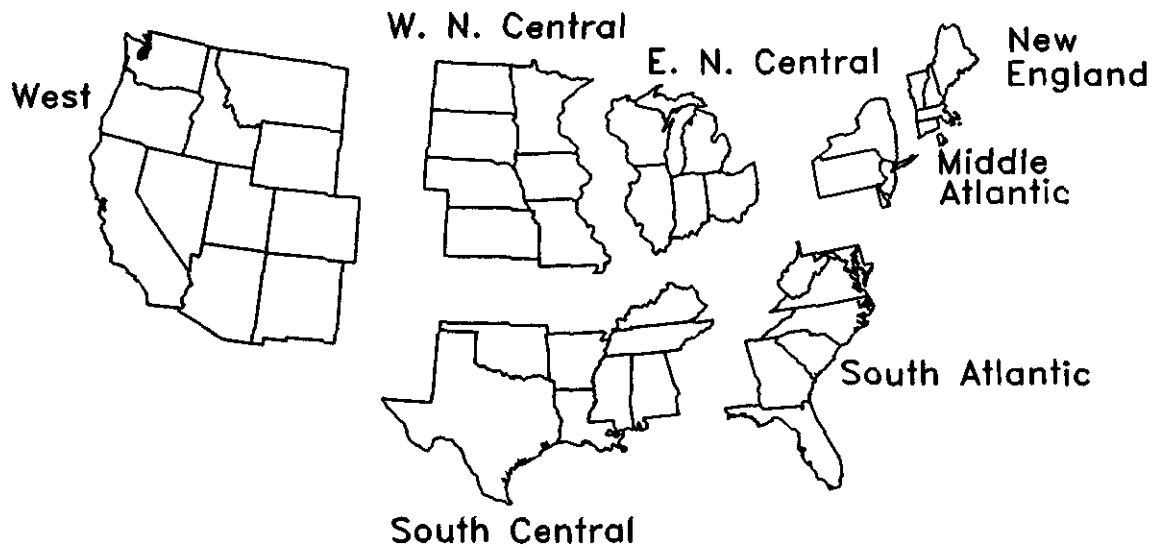
Dry whole milk---12.1 million pounds, down 23 percent.

Dry buttermilk---4.85 million pounds, down 6 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 tables. If we are not able to publish a region for confidentially 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, 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.

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

Product	Mar	Feb	Mar	Percent of	
	1993	1994	1994	Mar 1993	Feb 1994
	----- 1,000 Pounds -----			-- Percent --	
Butter	131,590	119,616	117,826	90	99
Cheese					
American Types <u>1/</u>	247,385	221,297	249,820	101	113
Swiss	21,375	16,862	19,005	89	113
Brick and Muenster	11,129	9,351	11,278	101	121
Cream and Neufchatel	46,707	38,329	49,391	106	129
Blue	2,944	2,927	3,806	129	130
Mozzarella	169,316	163,342	185,486	110	114
Other Italian Types	49,920	44,597	53,025	106	119
Total Italian Types	219,236	207,939	238,511	109	115
All Other Types <u>2/</u>	14,428	10,776	13,004	90	121
Total	563,204	507,481	584,815	104	115
Cottage Cheese, Curd <u>3/</u>	44,319	37,590	43,151	97	115
Cottage Cheese, Creamed <u>4/</u>	39,844	32,474	37,319	94	115
Cottage Cheese, Lowfat <u>5/</u>	29,479	24,852	28,039	95	113
Canned Evaporated and					
Condensed Whole Milk	50,484	41,273	55,227	109	134
Dry Whole Milk	15,857	8,446	12,135	77	144
Nonfat Dry Milk, Human	78,521	85,427	102,482	131	120
Dry Skim Milk, Animal	832	613	489	59	80
Dry Buttermilk	5,180	5,010	4,850	94	97
Yogurt, Plain and Flavored	118,136	107,361	128,626	109	120
	----- 1,000 Gallons -----			-- Percent --	
Frozen Products					
Ice Cream, Hard	73,202	59,966	73,925	101	123
Ice Milk, Hard	10,717	8,763	11,261	105	129
Ice Milk, Soft	17,836	14,205	21,572	121	152
Ice Milk, Total	28,553	22,968	32,833	115	143
Sherbet, Hard	4,344	3,304	4,473	103	135
Water and Juice Ices	5,280	4,193	5,488	104	131
Frozen Yogurt	13,928	10,227	14,280	103	140
Other Frozen Dairy					
Products	6,336	5,043	7,329	116	145
Mix For Frozen Products					
Ice Cream Mix	39,308	34,027	39,967	102	117
Ice Milk Mix	17,106	14,082	20,308	119	144
Sherbet Mix	3,108	2,438	3,023	97	124
Yogurt Mix	8,815	6,818	9,520	108	140

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, March, 1993-94 1/

Product	Mar	Feb	Mar	Percent of	
	1993	1994	1994	Mar 1993	Feb 1994
	Production			Percent	
	----- 1,000 Pounds -----				
Condensed Whey, Solids Content <u>2/</u>					
Sweet-Type, Human	3,939	2,508	4,453	113	178
Sweet-Type, Animal	1,125	978	1,806	161	185
Dry Whey Products					
Dry Whey, Human	88,024	77,650	89,215	101	115
Dry Whey, Animal	13,147	9,215	10,849	83	118
Reduced Lactose and Minerals					
Human	8,015	5,349	5,254	66	98
Animal	3,051	2,267	2,824	93	125
Lactose, Human and Animal	22,845	18,409	19,803	87	108
Whey Solids In Wet Blends, Human	1,962	926	750	38	81
Whey Solids In Wet Blends, Animal	7,481	8,813	7,400	99	84
Whey Protein Concentrate, Human	13,470	11,042	13,574	101	123
Whey Protein Concentrate, Animal	1,853	1,307	1,232	66	94
	Manufacturers' Stocks, End-of-Month <u>3/</u>			Percent	
	----- 1,000 Pounds -----				
Dry Whey Products					
Dry Whey, Human	34,444	33,710	31,799	92	94
Dry Whey, Animal	8,528	4,792	4,905	58	102
Reduced Lactose and Minerals,					
Human and Animal <u>4/</u>	8,058	7,163	6,834	85	95
Lactose, Human and Animal	30,310	36,559	34,017	112	93
Whey Protein Concentrate, Human	4,915	8,028	6,673	136	83
Whey Protein Concentrate, Animal	86	177	308	358	174
	Manufacturers' Selling Price <u>5/</u>			Cents Change	
	--- Cents Per Pound ---				
Dry Whey, Human	19.4	19.2	20.5	1.1	1.3
Dry Whey, Animal	18.1	19.3	20.5	2.4	1.2

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.

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
Butter						
Jan	147,319	131,845	89	147,319	131,845	89
Feb	127,230	119,616	94	274,549	251,461	92
Mar	131,590	117,826	90	406,139	369,287	91
Apr	121,803			527,942		
May	116,367			644,309		
Jun	102,282			746,591		
Jul	86,172			832,763		
Aug	80,686			913,449		
Sep	86,349			999,798		
Oct	97,812			1,097,610		
Nov	97,335			1,194,945		
Dec	120,253			1,315,198		
American Cheese						
Jan	244,703	247,280	101	244,703	247,280	101
Feb	223,640	221,297	99	468,343	468,577	100
Mar	247,385	249,820	101	715,728	718,397	100
Apr	258,890			974,618		
May	283,960			1,258,578		
Jun	270,538			1,529,116		
Jul	256,781			1,785,897		
Aug	235,035			2,020,932		
Sep	222,790			2,243,722		
Oct	241,509			2,485,231		
Nov	225,727			2,710,958		
Dec	246,302			2,957,260		
Italian Cheese						
Jan	193,694	210,511	109	193,694	210,511	109
Feb	189,726	207,939	110	383,420	418,450	109
Mar	219,236	238,511	109	602,656	656,961	109
Apr	213,176			815,832		
May	211,971			1,027,803		
Jun	203,876			1,231,679		
Jul	200,691			1,432,370		
Aug	207,795			1,640,165		
Sep	213,959			1,854,124		
Oct	209,574			2,063,698		
Nov	209,070			2,272,768		
Dec	221,753			2,494,521		

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	517,261	538,444	104	517,261	538,444	104
Feb	492,470	507,481	103	1,009,731	1,045,925	104
Mar	563,204	584,815	104	1,572,935	1,630,740	104
Apr	561,428			2,134,363		
May	576,891			2,711,254		
Jun	563,185			3,274,439		
Jul	537,915			3,812,354		
Aug	525,776			4,338,130		
Sep	531,051			4,869,181		
Oct	559,956			5,429,137		
Nov	540,092			5,969,229		
Dec	558,943			6,528,172		
Nonfat Dry Milk, Human						
Jan	89,458	89,198	100	89,458	89,198	100
Feb	82,359	85,427	104	171,817	174,625	102
Mar	78,521	102,482	131	250,338	277,107	111
Apr	90,632			340,970		
May	102,159			443,129		
Jun	93,717			536,846		
Jul	86,680			623,526		
Aug	65,567			689,093		
Sep	52,129			741,222		
Oct	56,015			797,237		
Nov	56,872			854,109		
Dec	94,008			948,117		
Total Dry Whey $\frac{1}{2}$						
Jan	94,105	93,972	100	94,105	93,972	100
Feb	91,943	86,865	94	186,048	180,837	97
Mar	101,171	100,064	99	287,219	280,901	98
Apr	112,878			400,097		
May	111,667			511,764		
Jun	108,323			620,087		
Jul	103,704			723,791		
Aug	99,274			823,065		
Sep	94,854			917,919		
Oct	91,952			1,009,871		
Nov	88,905			1,098,776		
Dec	97,602			1,196,378		

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
Creamed Cottage Cheese						
Jan	35,204	32,383	92	35,204	32,383	92
Feb	34,167	32,474	95	69,371	64,857	93
Mar	39,844	37,319	94	109,215	102,176	94
Apr	35,922			145,137		
May	35,922			181,059		
Jun	35,510			216,569		
Jul	37,547			254,116		
Aug	38,502			292,618		
Sep	36,750			329,368		
Oct	34,677			364,045		
Nov	34,762			398,807		
Dec	32,816			431,623		
Lowfat Cottage Cheese						
Jan	27,015	23,636	87	27,015	23,636	87
Feb	25,068	24,852	99	52,083	48,488	93
Mar	29,479	28,039	95	81,562	76,527	94
Apr	27,502			109,064		
May	26,066			135,130		
Jun	28,161			163,291		
Jul	27,377			190,668		
Aug	28,036			218,704		
Sep	26,759			245,463		
Oct	24,421			269,884		
Nov	24,540			294,424		
Dec	23,425			317,849		
	1,000 Gallons		Percent	1,000 Gallons		Percent
Ice Cream, Hard						
Jan	51,239	53,596	105	51,239	53,596	105
Feb	61,373	59,966	98	112,612	113,562	101
Mar	73,202	73,925	101	185,814	187,487	101
Apr	72,327			258,141		
May	74,358			332,499		
Jun	86,093			418,592		
Jul	85,398			503,990		
Aug	80,306			584,296		
Sep	70,906			655,202		
Oct	59,909			715,111		
Nov	55,138			770,249		
Dec	55,748			825,997		

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	19,189	19,924	104	19,189	19,924	104
Feb	22,534	22,968	102	41,723	42,892	103
Mar	28,553	32,833	115	70,276	75,725	108
Apr	29,961			100,237		
May	32,107			132,344		
Jun	33,702			166,046		
Jul	34,648			200,694		
Aug	33,580			234,274		
Sep	27,540			261,814		
Oct	23,276			285,090		
Nov	20,782			305,872		
Dec	19,474			325,346		
Sherbet, Hard						
Jan	2,783	3,196	115	2,783	3,196	115
Feb	3,187	3,304	104	5,970	6,500	109
Mar	4,344	4,473	103	10,314	10,973	106
Apr	4,359			14,673		
May	4,525			19,198		
Jun	5,064			24,262		
Jul	4,954			29,216		
Aug	4,614			33,830		
Sep	3,739			37,569		
Oct	3,130			40,699		
Nov	3,098			43,797		
Dec	3,155			46,952		
Frozen Yogurt						
Jan	7,488	8,021	107	7,488	8,021	107
Feb	10,911	10,227	94	18,399	18,248	99
Mar	13,928	14,280	103	32,327	32,528	101
Apr	14,550			46,877		
May	15,331			62,208		
Jun	17,178			79,386		
Jul	16,179			95,565		
Aug	15,274			110,839		
Sep	12,068			122,907		
Oct	10,464			133,371		
Nov	8,455			141,826		
Dec	8,107			149,933		

1/ Excludes all modified dry whey products.

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

State	Mar 1993	Feb 1994	Mar 1994	Percent of	
				Mar 1993	Feb 1994
	----- 1,000 Pounds -----			-- Percent --	
CA	26,316	27,881	29,006	110	104
ID	15,940	16,857	18,334	115	109
IA	7,717	8,743	7,762	101	89
KS	3,501	3,249	3,641	104	112
MN	49,042	43,498	50,629	103	116
NY	8,561	7,497	8,285	97	111
ND	2,766	2,246	2,510	91	112
OR	4,256	3,560	3,923	92	110
SD	3,772	3,082	3,631	96	118
UT	2,558	2,550	2,761	108	108
VT	2,944	2,734	3,632	123	133
WA	1,942	1,994	2,349	121	118
WI	83,929	67,000	80,100	95	120
Oth Sts <u>1/</u>	34,141	30,406	33,257	97	109
US	247,385	221,297	249,820	101	113
N Atlantic	11,606	10,743	12,389	107	115
S Atlantic	456	351	426	93	121
E N Central	87,601	70,645	84,076	96	119
W N Central	71,679	65,946	74,071	103	112
S Central	13,754	13,365	15,701	114	117
West	62,289	60,247	63,157	101	105

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, March 1993-94

State	Mar 1993	Feb 1994	Mar 1994	Percent of	
				Mar 1993	Feb 1994
	----- 1,000 Pounds -----			-- Percent --	
CA	32,013	34,249	38,475	120	112
IL	1,802	1,466	1,734	96	118
NY	13,305	13,077	14,199	107	109
PA	17,161	18,415	19,045	111	103
VT	4,308	3,821	4,647	108	122
WA	4,643	3,406	4,224	91	124
WI	57,553	48,500	57,500	100	119
Oth Sts <u>1/</u>	38,531	40,408	45,662	119	113
US	169,316	163,342	185,486	110	114
N & S Atlantic	36,000	36,568	39,488	110	108
E N Central	65,446	57,397	68,092	104	119
W N Central	27,684	20,694	23,994	87	116
West	39,046	47,736	52,573	135	110

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

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

State	Mar	Feb	Mar	Percent of	
	1993	1994	1994	Mar	Feb
	1,000 Pounds			Percent	
	1993	1994	1994	1993	1994
CA	30,261	30,738	29,204	97	95
KS	2,370	2,627	2,868	121	109
MI	1,873	1,702	1,635	87	96
MN	7,010	4,007	4,351	62	109
MT	84	112	97	115	87
NY	2,302	1,800	2,277	99	127
ND	579	493	440	76	89
OH	4,872	4,241	4,460	92	105
OR	1,458	950	1,100	75	116
PA	6,617	7,950	8,035	121	101
WA	10,653	9,791	9,823	92	100
WI	35,189	27,300	27,000	77	99
Oth Sts <u>1/</u>	28,322	27,905	26,536	94	95
US	131,590	119,616	117,826	90	99
N Atlantic	11,672	12,720	13,077	112	103
S Atlantic	4,270	4,601	4,570	107	99
E N Central	44,583	35,310	35,467	80	100
W N Central	14,744	12,095	12,492	85	103
S Central	12,326	11,333	9,352	76	83
West	43,995	43,557	42,868	97	98

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

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

State	Mar	Feb	Mar	Percent of	
	1993	1994	1994	Mar 1993	Feb 1994
----- 1,000 Pounds -----			-- Percent --		
CA	35,731	34,489	35,517	99	103
MI	585	1,270	2,032	347	160
MN	541	1,497	3,528	652	236
NY	698	915	1,807	259	197
WA	10,050	9,800	10,500	104	107
WI	3,552	4,505	6,756	190	150
Oth Sts <u>1/</u>	27,364	32,951	42,342	155	128
US	78,521	85,427	102,482	131	120
N Atlantic	2,861	6,362	8,263	289	130
S Atlantic	4,339	4,577	5,917	136	129
E N Central	4,361	5,926	9,278	213	157
W N Central	7,698	8,550	13,241	172	155
S Central	11,011	11,423	14,572	132	128
West	48,251	48,589	51,211	106	105

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, March 1993-94

State	Mar	Feb	Mar	Percent of	
	1993	1994	1994	Mar 1993	Feb 1994
	----- 1,000 Gallons -----			-- Percent --	
AL	1,189	1,072	1,212	102	113
AZ	739	584	778	105	133
AR	331	266	317	96	119
CA	10,674	7,193	10,064	94	140
CO	1,067	825	983	92	119
FL	2,001	1,550	1,970	98	127
GA	814	853	973	120	114
ID	534	626	560	105	89
IL	2,630	2,485	2,920	111	118
IN	3,284	4,028	4,324	132	107
KS	483	282	303	63	107
ME	164	60	161	98	268
MD	960	1,067	1,084	113	102
MA	3,111	2,432	3,226	104	133
MI	2,448	1,364	1,271	52	93
MN	3,408	2,876	3,763	110	131
MO	1,443	1,139	1,277	88	112
NY	3,067	3,150	2,800	91	89
NC	3,394	2,436	2,870	85	118
ND	73	56	61	84	109
OH	4,366	2,900	3,500	80	121
OR	708	600	700	99	117
PA	5,176	5,010	6,930	134	138
SC	1,035	752	895	86	119
TN	1,341	1,041	1,363	102	131
TX	4,177	3,538	4,463	107	126
UT	857	810	1,231	144	152
VA	1,034	1,398	1,543	149	110
WA	1,536	1,282	1,726	112	135
WI	1,006	600	980	97	163
Oth Sts ^{1/}	10,152	7,691	9,677	95	126
US	73,202	59,966	73,925	101	123
N Atlantic	15,276	13,312	16,336	107	123
S Atlantic	9,241	8,058	9,337	101	116
E N Central	13,734	11,377	12,995	95	114
W N Central	9,166	7,336	9,453	103	129
S Central	9,011	7,435	9,306	103	125
West	16,774	12,448	16,498	98	133

^{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, March 1993-94

Product	Mar	Feb	Mar	Percent of	
	1993	1994	1994	Mar	Feb
				1993	1994
	Manufacturers' Shipments ^{1/}				
	----- 1,000 Pounds -----			-- Percent --	
Dry Whole Milk	8,207	9,462	9,271	113	98
Nonfat Dry Milk, Human	69,034	86,686	105,848	153	122
Dry Skim Milk, Animal	626	839	512	82	61
Dry Buttermilk, Human	3,480	4,290	4,971	143	116
	Manufacturers' Stocks, End-of-Month ^{2/} ^{3/}				
	----- 1,000 Pounds -----			-- Percent --	
Canned Evaporated and Condensed Whole Milk	69,404	57,278	74,472	107	130
Dry Whole Milk	8,481	5,066	7,149	84	141
Nonfat Dry Milk, Human	77,133	76,024	64,183	83	84
Dry Skim Milk, Animal	2,051	1,354	1,566	76	116
Dry Buttermilk, Total	3,145	5,196	4,385	139	84
	Manufacturers' Selling Prices ^{3/} ^{4/}				
	----- Cents per Pound -----			Cents Change	
Dry Whole Milk	109.42	117.51	114.93	5.51	-2.58
Nonfat Dry Milk, Human	109.07	107.07	107.41	-1.66	0.34
Dry Skim Milk, Animal	53.32	57.80	53.08	-0.24	-4.72
Dry Buttermilk, Human	94.61	105.06	105.74	11.13	0.68

^{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 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 1,534 manufacturers that made one or more products in 1993. 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 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 month following the preliminary estimate.

