

Dairy Products



National
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Statistics
Service

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Department of
Agriculture

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May 1994 Highlights

Butter production was 119 million pounds in May, 2 percent above May 1993 but slightly below April 1994.

American type cheese production totaled 264 million pounds, 7 percent below May 1993 but 4 percent above April 1994.

Total cheese output (excluding cottage cheese) was 587 million pounds, 2 percent above May 1993 and 6 percent above April 1994.

Creamed cottage cheese production was 35.7 million pounds, 1 percent below May 1993 but 5 percent above April 1994.

Lowfat cottage cheese production was 27.5 million pounds, 6 percent above May 1993 and 4 percent above April 1994.

Canned evaporated and condensed milk production, at 56.2 million pounds, was 23 percent above May 1993 and 3 percent above April 1994.

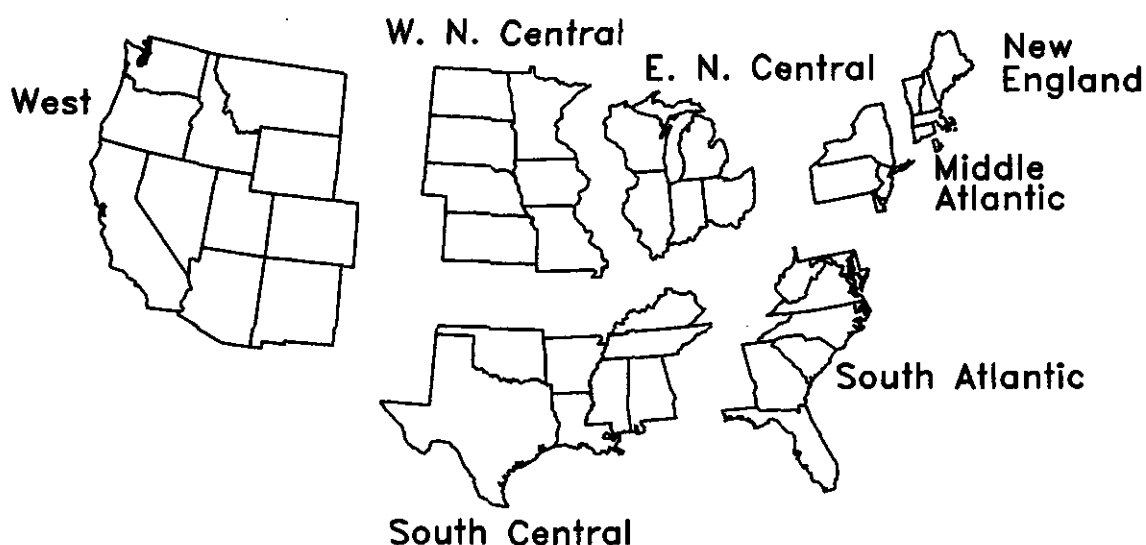
Frozen desserts: (comparisons with May 1993)
Ice cream (hard)---74.2 million gallons, down slightly.
Ice milk---33.7 million gallons, up 5 percent.
Sherbet (hard)---4.73 million gallons, up 4 percent.

Dry milk products: (comparisons with May 1993)
Nonfat dry milk for human food--132 million pounds, up 30 percent.
Dry whole milk---15.6 million pounds, up 12 percent.
Dry buttermilk---4.73 million pounds, up 4 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, May 1993-94

Product	May	Apr	May	Percent of	
	1993	1994	1994	May	Apr
				1993	1994
	----- 1,000 Pounds -----			-- Percent --	
Butter	116,367	119,283	118,775	102	100
Cheese					
American Types <u>1/</u>	283,960	254,342	263,965	93	104
Swiss	21,671	20,514	19,480	90	95
Brick and Muenster	11,615	10,108	10,231	88	101
Cream and Neufchatel	33,303	38,935	41,740	125	107
Blue	3,400	3,087	2,867	84	93
Mozzarella	167,353	168,349	185,069	111	110
Other Italian Types	44,618	46,005	49,898	112	108
Total Italian Types	211,971	214,354	234,967	111	110
All Other Types <u>2/</u>	10,971	11,990	14,209	130	119
Total	576,891	553,330	587,459	102	106
Cottage Cheese, Curd <u>3/</u>	39,356	39,363	39,924	101	101
Cottage Cheese, Creamed <u>4/</u>	35,922	34,061	35,650	99	105
Cottage Cheese, Lowfat <u>5/</u>	26,066	26,582	27,515	106	104
Canned Evaporated and					
Condensed Whole Milk	45,852	54,790	56,218	123	103
Dry Whole Milk	13,889	11,242	15,621	112	139
Nonfat Dry Milk, Human	102,159	123,215	132,345	130	107
Dry Skim Milk; Animal	1,200	982	1,161	97	118
Dry Buttermilk	4,550	4,655	4,731	104	102
Yogurt, Plain & Flavored	108,924	114,448	120,859	111	106
	----- 1,000 Gallons -----			-- Percent --	
Frozen Products					
Ice Cream, Hard	74,358	74,787	74,229	100	99
Ice Milk, Hard	10,399	11,351	11,232	108	99
Ice Milk, Soft	21,708	20,029	22,429	103	112
Ice Milk, Total	32,107	31,380	33,661	105	107
Sherbet, Hard	4,525	4,450	4,726	104	106
Water and Juice Ices	6,994	6,039	6,700	96	111
Frozen Yogurt	15,331	14,509	15,168	99	105
Other Frozen Dairy					
Products	5,952	7,168	7,499	126	105
Mixed for Frozen Products					
Ice Cream Mix	40,570	40,041	40,629	100	101
Ice Milk Mix	20,050	19,327	20,864	104	108
Sherbet Mix	3,226	2,917	3,241	100	111
Yogurt Mix	9,703	9,183	9,600	99	105

- 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, May, 1993-94 1/

Product	May	Apr	May	Percent of	
	1993	1994	1994	May	Apr
				1993	1994
	Production			Percent	
	----- 1,000 Pounds -----				
Condensed Whey, Solids Content <u>2/</u>					
Sweet-Type, Human	3,307	5,092	5,720	173	112
Sweet-Type, Animal	1,096	1,218	2,478	226	203
Dry Whey Products					
Dry Whey, Human	97,588	90,079	94,828	97	105
Dry Whey, Animal	14,079	14,168	14,024	100	99
Reduced Lactose and Minerals					
Human Food	6,255	5,579	5,834	93	105
Animal Feed	3,028	2,767	2,995	99	108
Lactose, Human and Animal	20,430	19,576	19,364	95	99
Whey					
Solids in Wet Blends, Human	2,075	753	779	38	103
Solids in Wet Blends, Animal	6,978	8,014	9,045	130	113
Protein Concentrate, Human	14,026	12,805	12,553	89	98
Protein Concentrate, Animal	1,989	1,500	1,518	76	101
	Manufacturers' Stocks End-of-Month <u>3/</u>			Percent	
	----- 1,000 Pounds -----				
Dry Whey Products					
Dry Whey, Human	39,306	37,461	39,940	102	107
Dry Whey, Animal	9,257	5,599	6,391	69	114
Reduced Lactose and Minerals					
Human and Animal <u>4/</u>	9,382	7,746	8,358	89	108
Lactose, Human and Animal	38,342	30,231	28,718	75	95
Whey Protein Concentrate, Human	8,163	7,319	8,294	102	113
Whey Protein Concentrate, Animal	185	328	274	148	84
	Manufacturers' Selling Price <u>5/</u>			Cents Change	
	---- Cents per Pound ---				
Dry Whey, Human	16.4	20.9	18.5	2.1	-2.4
Dry Whey, Animal	15.2	20.0	16.9	1.7	-3.1

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	119,283	98	527,942	488,570	93
May	116,367	118,775	102	644,309	607,345	94
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	254,342	98	974,618	972,739	100
May	283,960	263,965	93	1,258,578	1,236,704	98
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	214,354	101	815,832	871,315	107
May	211,971	234,967	111	1,027,803	1,106,282	108
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	553,330	99	2,134,363	2,184,070	102
May	576,891	587,459	102	2,711,254	2,771,529	102
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	123,215	136	340,970	400,322	117
May	102,159	132,345	130	443,129	532,667	120
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	104,247	92	400,097	385,148	96
May	111,667	108,852	97	511,764	494,000	97
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
Cream 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	34,061	95	145,137	136,237	94
May	35,922	35,650	99	181,059	171,887	95
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	26,582	97	109,064	103,109	95
May	26,066	27,515	106	135,130	130,624	97
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	74,787	103	258,141	262,274	102
May	74,358	74,229	100	332,499	336,503	101
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	31,380	105	100,237	107,105	107
May	32,107	33,661	105	132,344	140,766	106
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	4,450	102	14,673	15,423	105
May	4,525	4,726	104	19,198	20,149	105
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	14,509	100	46,877	47,037	100
May	15,331	15,168	99	62,208	62,205	100
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, May 1993-94

State	May 1993	Apr 1994	May 1994	Percent of	
				May 1993	Apr 1994
1,000 Pounds			Percent		
CA	31,362	29,711	30,657	98	103
ID	17,255	16,657	17,874	104	107
IA	11,335	10,798	11,491	101	106
KS	3,476	3,423	3,287	95	96
MN	55,705	50,588	54,211	97	107
NY	9,859	8,737	9,054	92	104
ND	3,365	2,715	3,146	93	116
OR	3,533	3,820	3,839	109	100
SD	3,913	4,009	3,631	93	91
UT	3,924	3,871	3,262	83	84
VT	3,201	3,403	3,687	115	108
WA	2,082	2,454	2,078	100	85
WI	89,735	78,000	82,500	92	106
Oth Sts <u>1/</u>	45,215	36,156	35,248	78	97
US	283,960	254,342	263,965	93	104
N Atlantic	19,830	14,391	14,431	73	100
S Atlantic	535	436	379	71	87
E N Central	95,557	82,094	87,061	91	106
W N Central	83,564	77,299	81,590	98	106
S Central	15,640	16,464	15,852	101	96
West	68,834	63,658	64,652	94	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, May 1993-94

State	May 1993	Apr 1994	May 1994	Percent of	
				May 1993	Apr 1994
1,000 Pounds			Percent		
CA	34,188	36,720	37,686	110	103
IL	1,710	1,740	1,713	100	98
NY	13,717	14,533	14,978	109	103
PA	19,501	17,480	22,305	114	128
VT	3,808	3,651	2,648	70	73
WA	4,116	3,925	3,733	91	95
WI	51,700	48,000	50,300	97	105
Oth Sts <u>1/</u>	38,613	42,300	51,706	134	122
US	167,353	168,349	185,069	111	110
N & S Atlantic	38,149	37,200	41,264	108	111
E N Central	61,801	59,007	61,644	100	104
W N Central	26,023	20,644	22,534	87	109
West	40,133	50,372	58,486	146	116

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

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

State	May	Apr	May	Percent of	
	1993	1994	1994	May	Apr
	1,000 Pounds			Percent	
CA	27,737	29,244	28,991	105	99
KS	2,360	2,060	1,300	55	63
MI	1,539	1,542	1,624	106	105
MN	5,691	5,826	5,784	102	99
MT	55	91	76	138	84
NY	2,258	2,268	2,251	100	99
ND	722	299	370	51	124
OH	3,365	3,896	3,640	108	93
OR	1,929	1,350	2,000	104	148
PA	7,016	7,865	7,770	111	99
WA	10,263	11,597	11,149	109	96
WI	29,909	26,000	28,030	94	108
Oth Sts <u>1/</u>	23,523	27,245	25,790	110	95
US	116,367	119,283	118,775	102	100
N Atlantic	10,991	12,570	11,915	108	95
S Atlantic	4,117	4,663	3,877	94	83
E N Central	37,327	34,229	36,002	96	105
W N Central	13,394	12,936	12,850	96	99
S Central	8,351	9,610	9,129	109	95
West	42,187	45,275	45,002	107	99

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, May 1993-94

State	May	Apr	May	Percent of	
	1993	1994	1994	May	Apr
	----- 1,000 Pounds -----			--- Percent ---	
CA	37,268	37,715	39,330	106	104
MI	952	986	1,435	151	146
MN	1,640	3,859	4,434	270	115
NY	3,537	3,078	3,380	96	110
WA	12,048	18,763	20,459	170	109
WI	3,707	6,880	9,110	246	132
Oth Sts <u>1/</u>	43,007	51,934	54,197	126	104
US	102,159	123,215	132,345	130	107
N Atlantic	12,021	14,467	15,201	126	105
S Atlantic	6,587	7,163	6,170	94	86
E N Central	6,034	9,533	12,835	213	135
W N Central	10,765	16,077	16,775	156	104
S Central	11,642	14,457	15,946	137	110
West	55,110	61,518	65,418	119	106

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, May 1993-94

State	May 1993	Apr 1994	May 1994	Percent of	
				May 1993	Apr 1994
	----- 1,000 Gallons -----			--- Percent ---	
AL	1,353	1,261	1,467	108	116
AZ	607	650	721	119	111
AR	320	332	296	93	89
CA	9,824	10,582	9,800	100	93
CO	1,012	876	1,021	101	117
FL	2,117	1,980	1,800	85	91
GA	870	1,156	1,106	127	96
ID	746	544	605	81	111
IL	2,726	2,940	2,700	99	92
IN	3,996	3,891	3,844	96	99
KS	423	377	286	68	76
ME	171	128	144	84	113
MD	1,191	1,290	1,408	118	109
MA	3,755	3,800	3,200	85	84
MI	2,798	1,373	1,574	56	115
MN	3,814	3,004	3,645	96	121
MO	1,469	1,419	1,489	101	105
NY	3,376	3,200	3,350	99	105
NC	3,443	2,593	3,209	93	124
ND	84	67	82	98	122
OH	3,974	4,100	3,200	81	78
OR	698	720	750	107	104
PA	5,027	7,100	5,565	111	78
SC	899	974	1,068	119	110
TN	1,259	1,139	1,358	108	119
TX	3,539	4,146	4,798	136	116
UT	982	850	788	80	93
VA	1,013	1,969	1,122	111	57
WA	1,281	1,818	2,030	158	112
WI	943	780	780	83	100
Oth Sts ^{1/}	10,648	9,728	11,023	104	113
US	74,358	74,787	74,229	100	99
N Atlantic	16,538	17,410	16,312	99	94
S Atlantic	9,538	9,965	9,718	102	98
E N Central	14,437	13,084	12,098	84	92
W N Central	9,501	9,041	9,842	104	109
S Central	8,479	8,692	9,927	117	114
West	15,865	16,595	16,332	103	98

^{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, May 1993-94

Product	May	Apr	May	Percent of	
	1993	1994	1994	May	Apr
				1993	1994
	Manufacturers' Shipments <u>1/</u>				
	----- 1,000 Pounds -----			--- Percent ---	
Dry Whole Milk	9,797	8,466	10,485	107	124
Nonfat Dry Milk, Human	72,533	91,511	86,104	119	94
Dry Skim Milk, Animal	557	472	1,088	195	231
Dry Buttermilk, Human	3,804	3,656	3,308	87	90
	Manufacturers' Stocks End-of-Month <u>2/</u> <u>3/</u>				
	----- 1,000 Pounds -----			--- Percent ---	
Canned Evaporated and Condensed Whole Milk	81,079	85,176	100,121	123	118
Dry Whole Milk	5,347	7,700	9,275	173	120
Nonfat Dry Milk, Human	112,554	86,952	124,392	111	143
Dry Skim Milk, Animal	2,326	1,124	1,820	78	162
Dry Buttermilk, Total	3,251	5,264	5,846	180	111
	Manufacturers' Selling Prices <u>3/</u> <u>4/</u>				
	----- Cents per Pound -----			Cents Change	
Dry Whole Milk	114.85	118.91	118.93	4.08	.02
Nonfat Dry Milk, Human	109.19	108.13	106.66	-2.53	-1.47
Dry Skim Milk, Animal	50.93	57.60	51.48	.55	-6.12
Dry Buttermilk, Human	98.22	108.06	105.98	7.76	-2.08

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.

