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# Dairy Products

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National  
Agricultural  
Statistics  
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United States  
Department of  
Agriculture

Washington, D.C.

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Released August 5, 1993, by the Agricultural Statistics Board. Estimates refer to June 1993.

## June 1993 Highlights

**Butter** production was 104 million pounds in June, 1 percent above June 1992 but down 10 percent from May 1993.

**American type cheese** production totaled 266 million pounds, 2 percent above June 1992 but 4 percent below May 1993.

**Total cheese** output (excluding cottage cheese) was 555 million pounds, 1 percent above June 1992 but 3 percent below May 1993.

**Creamed cottage cheese** production was 34.9 million pounds, 11 percent below June 1992 and 2 percent below May 1993.

**Lowfat cottage cheese** production was 27.9 million pounds, 1 percent below June 1992 but 8 percent above May 1993.

**Canned evaporated and condensed milk** production at 43.1 million pounds was 22 percent below June 1992 and 6 percent below May 1993.

**Frozen desserts:** (comparisons with June 1992)  
Ice cream (hard)---84.7 million gallons, down slightly.  
Ice milk---34.8 million gallons, down 3 percent.  
Sherbet(hard)---4.95 million gallons, up 2 percent.

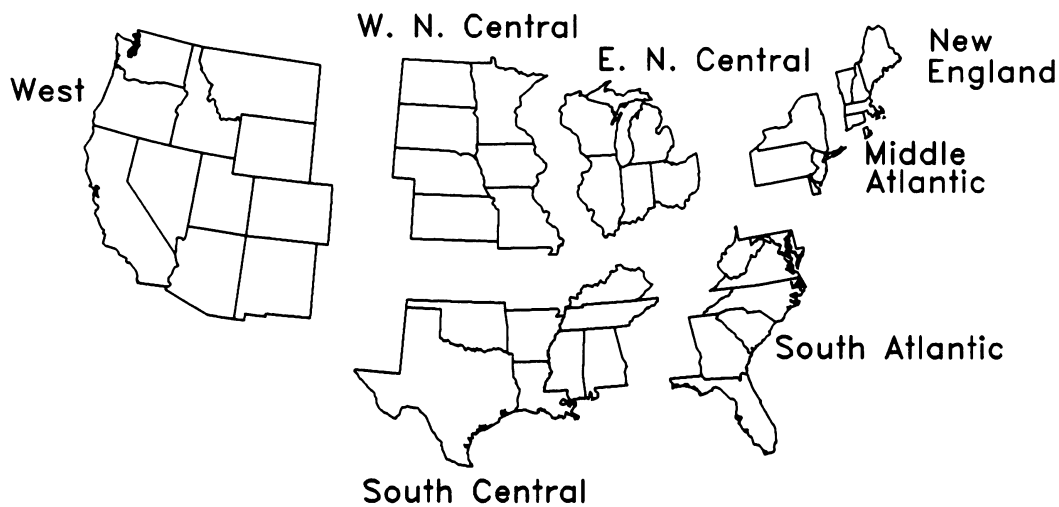
**Dry milk products:** (comparisons with June 1992)  
Nonfat dry milk for human food---95.2 million pounds, up 12 percent.  
Dry whole milk---12.2 million pounds, down 30 percent.  
Dry buttermilk---3.91 million pounds, down 13 percent.

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For information call Daniel Buckner at (202) 720-4448. Office hours are 8:00 a.m. to 4:30 p.m. ET.

# 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 the regions may not add to the United States total.

Dairy Products: Production, United States, June 1992-93

Product	Jun	May	Jun	Percent of	
	1992	1993	1993	Jun 1992	May 1993
	----- 1,000 Pounds -----			--- Percent ---	
Butter	103,038	115,141	103,893	101	90
Cheese					
American Types <u>1/</u>	261,299	277,691	266,151	102	96
Swiss	18,520	22,599	21,155	114	94
Brick and Muenster	11,375	12,605	10,802	95	86
Cream and Neufchatel	39,079	30,787	36,002	92	117
Blue	3,044	3,369	3,333	109	99
Mozzarella	162,462	170,750	160,367	99	94
Other Italian Types	44,417	43,918	45,216	102	103
Total Italian Types	206,879	214,668	205,583	99	96
All Other Types <u>2/</u>	9,574	10,012	11,786	123	118
Total	549,770	571,731	554,812	101	97
Cottage Cheese, Curd <u>3/</u>	42,688	39,220	39,533	93	101
Cottage Cheese, Creamed <u>4/</u>	39,400	35,607	34,890	89	98
Cottage Cheese, Lowfat <u>5/</u>	28,159	25,896	27,865	99	108
Canned Evaporated and					
Condensed Whole Milk	55,314	45,851	43,104	78	94
Dry Whole Milk	17,478	14,290	12,220	70	86
Nonfat Dry Milk, Human <u>6/</u>	84,828	103,579	95,220	112	92
Dry Skim Milk, Animal	992	1,311	1,043	105	80
Dry Buttermilk	4,471	4,474	3,910	87	87
Yogurt, Plain and Flavored	109,620	106,843	116,023	106	109
	----- 1,000 Gallons -----			--- Percent ---	
Frozen Products					
Ice Cream, Hard	85,133	71,567	84,716	100	118
Ice Milk, Hard	13,193	10,056	11,481	87	114
Ice Milk, Soft	22,692	24,647	23,300	103	95
Ice Milk, Total	35,885	34,703	34,781	97	100
Sherbet, Hard	4,840	4,260	4,948	102	116
Water and Juice Ices	6,913	6,678	7,656	111	115
Frozen Yogurt	14,343	14,172	16,280	114	115
Other Frozen Dairy Products	5,472	5,611	6,827	125	122
Mix For Frozen Products					
Ice Cream Mix	45,665	39,477	46,515	102	118
Ice Milk Mix	21,459	21,724	21,576	101	99
Sherbet Mix	3,405	3,023	3,323	98	110
Yogurt Mix	9,078	9,448	10,853	120	115

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 MN and WI production of 5.89 million pounds in June 1993.

Whey and Modified Whey Products: Production, Stocks,  
and Prices, United States, June 1992-93 1/

Product	Jun	May	Jun	Percent of	
	1992	1993	1993	Jun	May
				1992	1993
	Production			- Percent -	
	----- 1,000 Pounds -----				
Condensed Whey, Solids Content <u>2/</u> :					
Sweet-Type, Human	3,237	3,303	3,265	101	99
Sweet-Type, Animal	216	1,096	1,204	557	110
Dry Whey Products					
Dry Whey, Human	89,478	106,684	95,068	106	89
Dry Whey, Animal	18,166	14,217	13,105	72	92
Reduced Lactose and Minerals					
Human	8,705	6,256	7,153	82	114
Animal	2,721	3,028	2,873	106	95
Lactose, Human and Animal	21,111	20,430	19,004	90	93
Whey Solids In Wet Blends, Human	1,887	2,075	1,819	96	88
Whey Solids In Wet Blends, Animal	6,825	7,379	7,235	106	98
Whey Protein Concentrate, Human	14,598	14,025	13,796	95	98
Whey Protein Concentrate, Animal	1,594	1,960	2,490	156	127
	Manufacturers' Stocks, End-of-Month <u>3/</u>			- Percent -	
	----- 1,000 Pounds -----				
Dry Whey Products					
Dry Whey, Human	37,409	39,306	42,820	114	109
Dry Whey, Animal	14,801	9,257	9,420	64	102
Reduced Lactose and Minerals,					
Human and Animal <u>4/</u>	15,469	9,382	8,829	57	94
Lactose, Human and Animal	14,876	38,342	42,746	287	111
Whey Protein Concentrate, Human	10,005	8,163	9,658	97	118
Whey Protein Concentrate, Animal	536	185	288	54	156
	Manufacturers' Selling Price <u>5/</u>			Cents Change	
	--- Cents Per Pound ---				
Dry Whey, Human	22.2	16.4	16.8	-5.4	0.4
Dry Whey, Animal	21.4	15.2	15.7	-5.7	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.

Dairy Products: Production by Product and Month,  
United States, 1992-93

Product and Month	By Month			Cumulative		
	1992	1993	1993 as % of 1992	1992	1993	1993 as % of 1992
	1,000 Pounds		Percent	1,000 Pounds		Percent
Butter						
Jan	153,046	144,448	94	153,046	144,448	94
Feb	133,845	138,946	104	286,891	283,394	99
Mar	133,235	139,094	104	420,126	422,488	101
Apr	122,815	124,162	101	542,941	546,650	101
May	118,184	115,141	97	661,125	661,791	100
Jun	103,038	103,893	101	764,163	765,684	100
Jul	97,969			862,132		
Aug	86,687			948,819		
Sep	96,584			1,045,403		
Oct	101,627			1,147,030		
Nov	98,339			1,245,369		
Dec	119,795			1,365,164		
American Cheese						
Jan	245,368	247,798	101	245,368	247,798	101
Feb	231,742	222,885	96	477,110	470,683	99
Mar	242,402	236,057	97	719,512	706,740	98
Apr	245,766	254,774	104	965,278	961,514	100
May	262,025	277,691	106	1,227,303	1,239,205	101
Jun	261,299	266,151	102	1,488,602	1,505,356	101
Jul	254,931			1,743,533		
Aug	240,237			1,983,770		
Sep	224,748			2,208,518		
Oct	237,861			2,446,379		
Nov	230,626			2,677,005		
Dec	259,556			2,936,561		
Italian Cheese						
Jan	200,234	192,051	96	200,234	192,051	96
Feb	199,799	189,982	95	400,033	382,033	96
Mar	213,568	215,586	101	613,601	597,619	97
Apr	209,445	212,123	101	823,046	809,742	98
May	210,798	214,668	102	1,033,844	1,024,410	99
Jun	206,879	205,583	99	1,240,723	1,229,993	99
Jul	203,438			1,444,161		
Aug	205,952			1,650,113		
Sep	209,449			1,859,562		
Oct	217,523			2,077,085		
Nov	216,157			2,293,242		
Dec	215,335			2,508,577		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1992-93 (continued)

Product and Month	By Month			Cumulative		
	1992	1993	1993 as % of 1992	1992	1993	1993 as % of 1992
	1,000 Pounds		Percent	1,000 Pounds		Percent
Total Cheese						
Jan	520,389	509,063	98	520,389	509,063	98
Feb	500,179	488,858	98	1,020,568	997,921	98
Mar	543,834	543,942	100	1,564,402	1,541,863	99
Apr	540,813	552,630	102	2,105,215	2,094,493	99
May	552,211	571,731	104	2,657,426	2,666,224	100
Jun	549,770	554,812	101	3,207,196	3,221,036	100
Jul	541,847			3,749,043		
Aug	533,636			4,282,679		
Sep	528,387			4,811,066		
Oct	558,126			5,369,192		
Nov	547,525			5,916,717		
Dec	571,574			6,488,291		
Nonfat Dry Milk, Human						
Jan	82,443	76,513	93	82,443	76,513	93
Feb	78,012	83,567	107	160,455	160,080	100
Mar	83,470	69,079	83	243,925	229,159	94
Apr	81,730	90,664	111	325,655	319,823	98
May	89,683	103,579	115	415,338	423,402	102
Jun	84,828	95,220	112	500,166	518,622	104
Jul	73,397			573,563		
Aug	59,872			633,435		
Sep	50,476			683,911		
Oct	53,300			737,211		
Nov	55,718			792,929		
Dec	79,194			872,123		
Total Dry Whey <sup>1/</sup>						
Jan	109,199	94,945	87	109,199	94,945	87
Feb	96,650	91,965	95	205,849	186,910	91
Mar	103,679	99,557	96	309,528	286,467	93
Apr	104,858	111,592	106	414,386	398,059	96
May	108,671	120,901	111	523,057	518,960	99
Jun	107,644	108,173	100	630,701	627,133	99
Jul	106,833			737,534		
Aug	106,394			843,928		
Sep	96,628			940,556		
Oct	99,293			1,039,849		
Nov	94,646			1,134,495		
Dec	102,788			1,237,283		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1992-93 (continued)

Product and Month	By Month			Cumulative		
	1992	1993	1993 as % of 1992	1992	1993	1993 as % of 1992
	1,000 Pounds		Percent	- 1,000 Pounds -		Percent
Creamed Cottage Cheese						
Jan	40,013	34,420	86	40,013	34,420	86
Feb	36,748	34,084	93	76,761	68,504	89
Mar	41,390	39,694	96	118,151	108,198	92
Apr	40,412	35,443	88	158,563	143,641	91
May	37,517	35,607	95	196,080	179,248	91
Jun	39,400	34,890	89	235,480	214,138	91
Jul	39,301			274,781		
Aug	38,447			313,228		
Sep	38,086			351,314		
Oct	36,969			388,283		
Nov	34,823			423,106		
Dec	34,234			457,340		
Lowfat Cottage Cheese						
Jan	27,523	25,297	92	27,523	25,297	92
Feb	26,828	25,869	96	54,351	51,166	94
Mar	30,706	29,133	95	85,057	80,299	94
Apr	30,168	27,444	91	115,225	107,743	94
May	28,694	25,896	90	143,919	133,639	93
Jun	28,159	27,865	99	172,078	161,504	94
Jul	28,500			200,578		
Aug	28,208			228,786		
Sep	26,872			255,658		
Oct	27,242			282,900		
Nov	24,179			307,079		
Dec	22,425			329,504		
Ice Cream, Hard	1,000 Gallons		Percent	1,000 Gallons		Percent
Jan	55,565	50,443	91	55,565	50,443	91
Feb	58,962	55,417	94	114,527	105,860	92
Mar	72,866	69,852	96	187,393	175,712	94
Apr	74,965	69,220	92	262,358	244,932	93
May	75,425	71,567	95	337,783	316,499	94
Jun	85,133	84,716	100	422,916	401,215	95
Jul	83,144			506,060		
Aug	75,258			581,318		
Sep	70,230			651,548		
Oct	61,385			712,933		
Nov	53,516			766,449		
Dec	55,289			821,738		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1992-93 (continued)

Product and Month	By Month			Cumulative		
	1992	1993	1993 as % of 1992	1992	1993	1993 as % of 1992
	1,000 Gallons		Percent	1,000 Gallons		Percent
Ice Milk						
Jan	21,845	20,014	92	21,845	20,014	92
Feb	23,390	23,172	99	45,235	43,186	95
Mar	29,484	27,612	94	74,719	70,798	95
Apr	30,824	31,978	104	105,543	102,776	97
May	32,009	34,703	108	137,552	137,479	100
Jun	35,885	34,781	97	173,437	172,260	99
Jul	33,416			206,853		
Aug	31,617			238,470		
Sep	27,285			265,755		
Oct	24,042			289,797		
Nov	19,876			309,673		
Dec	19,533			329,206		
Sherbet, Hard						
Jan	3,228	2,938	91	3,228	2,938	91
Feb	3,363	3,094	92	6,591	6,032	92
Mar	4,354	4,124	95	10,945	10,156	93
Apr	4,290	4,139	96	15,235	14,295	94
May	4,500	4,260	95	19,735	18,555	94
Jun	4,840	4,948	102	24,575	23,503	96
Jul	4,802			29,377		
Aug	4,075			33,452		
Sep	3,372			36,824		
Oct	3,264			40,088		
Nov	2,660			42,748		
Dec	3,084			45,832		
Frozen Yogurt						
Jan	7,582	8,248	109	7,582	8,248	109
Feb	10,333	11,169	108	17,915	19,417	108
Mar	13,542	13,716	101	31,457	33,133	105
Apr	12,728	14,214	112	44,185	47,347	107
May	13,081	14,172	108	57,266	61,519	107
Jun	14,343	16,280	114	71,609	77,799	109
Jul	13,313			84,922		
Aug	13,400			98,322		
Sep	11,419			109,741		
Oct	9,701			119,442		
Nov	7,537			126,979		
Dec	7,088			134,067		

1/ Excludes all modified dry whey products.



American Cheese: Production by State and United States, June 1992-93

State	Jun 1992	May 1993	Jun 1993	Percent of	
				Jun 1992	May 1993
----- 1,000 Pounds -----			-- Percent --		
CA	29,969	31,348	25,700	86	82
ID	14,256	17,303	20,002	140	116
KS	3,353	3,476	3,439	103	99
MI	895	2,156	2,666	298	124
MN	51,186	55,698	54,008	106	97
NY	10,380	9,559	10,373	100	109
ND	4,502	3,365	3,560	79	106
OR	3,389	4,220	3,471	102	82
SD	3,756	3,912	4,013	107	103
UT	4,812	3,924	3,507	73	89
VT	3,434	3,207	2,758	80	86
WA	2,472	2,082	1,928	78	93
WI	85,432	83,000	82,500	97	99
Oth Sts <u>1/</u>	43,463	54,441	48,226	111	89
US	261,299	277,691	266,151	102	96
N Atlantic	14,359	19,504	16,701	116	86
S Atlantic	673	535	368	55	69
E N Central	91,789	89,103	87,887	96	99
W N Central	79,531	83,544	82,176	103	98
S Central	13,258	15,451	13,420	101	87
West	61,689	69,554	65,599	106	94

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, June 1992-93

State	Jun 1992	May 1993	Jun 1993	Percent of	
				Jun 1992	May 1993
----- 1,000 Pounds -----			-- Percent --		
CA	29,507	34,898	33,500	114	96
ID	95	113	110	116	97
IL	1,891	1,686	1,709	90	101
MI	8,326	7,998	9,323	112	117
NY	12,058	13,316	12,635	105	95
PA	17,219	20,000	17,050	99	85
WI	52,542	54,000	51,600	98	96
Oth Sts <u>1/</u>	40,824	38,739	34,440	84	89
US	162,462	170,750	160,367	99	94
N & S Atlantic	35,053	38,223	34,205	98	89
E N Central	63,277	64,134	63,136	100	98
W N Central	27,683	26,304	22,331	81	85
West	35,567	40,842	39,357	111	96

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

Butter: Production by State and United States, June 1992-93

State	Jun	May	Jun	Percent of	
	1992	1993	1993	Jun 1992	May 1993
	----- 1,000 Pounds -----			-- Percent --	
CA	23,968	27,855	26,700	111	96
ID	102	23	29	28	126
KS	2,096	2,360	2,289	109	97
MI	1,494	1,527	1,422	95	93
MN	4,161	5,687	5,073	122	89
MT	74	55	76	103	138
NY	1,975	2,260	1,895	96	84
ND	528	722	772	146	107
OR	1,545	1,450	1,400	91	97
PA	5,670	7,020	6,765	119	96
WA	10,799	10,263	9,890	92	96
WI	27,937	30,000	25,800	92	86
Oth Sts <u>1/</u>	22,689	25,919	21,782	96	84
US	103,038	115,141	103,893	101	90
N Atlantic	8,774	10,997	10,121	115	92
S Atlantic	3,539	4,117	3,103	88	75
E N Central	34,930	37,393	32,861	94	88
W N Central	11,308	12,457	11,922	105	96
S Central	6,583	8,351	6,030	92	72
West	37,904	41,826	39,856	105	95

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

Nonfat Dry Milk: Production by State  
and United States, June 1992-93

State	Jun	May	Jun	Percent of	
	1992	1993	1993	Jun	May
	----- 1,000 Pounds -----			-- Percent --	
CA	29,476	37,547	35,600	121	95
MI	3,316	1,750	605	18	35
MN	2,291	2,241	2,115	92	94
NY	2,761	3,537	3,515	127	99
ND	178	1			
WA	12,864	12,048	11,662	91	97
WI	3,906	3,461	3,776	97	109
Oth Sts <u>1/</u>	30,036	42,994	37,947	126	88
US	84,828	103,579	95,220	112	92
N Atlantic	9,239	12,207	12,438	135	102
S Atlantic	4,327	6,399	6,549	151	102
E N Central	9,806	6,577	5,481	56	83
W N Central	8,739	11,365	8,612	99	76
S Central	6,968	11,642	10,356	149	89
West	45,749	55,389	51,784	113	93

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, June 1992-93

State	Jun	May	Jun	Percent of	
	1992	1993	1993	Jun	May
	1,000 Gallons			Percent	
AL	1,464	1,353	1,463	100	108
AZ	362	540	610	169	113
AR	457	311	311	68	100
CA	11,951	10,019	11,200	94	112
CO	1,098	1,012	1,265	115	125
FL	2,105	2,200	2,300	109	105
GA	937	870	1,059	113	122
ID	765	746	697	91	93
IL	3,135	2,749	3,250	104	118
IN	4,069	3,616	4,809	118	133
KS	564	423	385	68	91
MD	1,309	1,340	1,360	104	101
MA	3,727	3,697	3,971	107	107
MI	2,590	1,670	2,378	92	142
MN	4,186	3,814	3,851	92	101
MO	1,128	1,400	1,431	127	102
NY	3,895	3,200	4,030	103	126
NC	4,210	3,443	3,895	93	113
ND	114	84	93	82	111
OH	4,787	2,525	3,669	77	145
OK	1,356	1,188	1,415	104	119
OR	1,043	800	1,100	105	138
PA	6,157	4,815	6,400	104	133
SC	982	899	1,101	112	122
TN	1,739	1,259	1,838	106	146
TX	5,384	3,539	4,477	83	127
UT	882	983	972	110	99
VA	766	1,021	1,260	164	123
WA	1,607	1,281	1,546	96	121
WI	1,211	1,200	1,400	116	117
Oth Sts <u>1/</u>	11,153	9,570	11,180	100	117
US	85,133	71,567	84,716	100	118
N Atlantic	17,955	16,134	18,677	104	116
S Atlantic	10,311	9,774	10,977	106	112
E N Central	15,792	11,760	15,506	98	132
W N Central	10,904	9,432	10,802	99	115
S Central	11,552	8,464	10,508	91	124
West	18,619	16,003	18,246	98	114

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, United States, June 1992-93

Product	Jun	May	Jun	Percent of	
	1992	1993	1993	Jun	May
				1992	1993
	Manufacturers' Shipments <u>1/</u>				
	----- 1,000 Pounds -----			-- Percent --	
Dry Whole Milk	15,475	9,797	7,561	49	77
Nonfat Dry Milk, Human	60,649	72,533	70,107	116	97
Dry Skim Milk, Animal	774	557	918	119	165
Dry Buttermilk, Human	3,667	3,804	4,103	112	108
	Manufacturers' Stocks, End-of-Month <u>2/</u> <u>3/</u>				
	----- 1,000 Pounds -----			-- Percent --	
Canned Evaporated and Condensed Whole Milk	82,611	81,079	85,722	104	106
Dry Whole Milk	10,933	5,347	7,075	65	132
Nonfat Dry Milk, Human	98,393	112,554	143,223	146	127
Dry Skim Milk, Animal	3,256	2,326	2,475	76	106
Dry Buttermilk, Total	3,400	3,251	3,124	92	96
	Manufacturers' Selling Prices <u>3/</u> <u>4/</u>				
	----- Cents per Pound -----			Cents Change	
Dry Whole Milk	114.35	114.85	116.16	1.81	1.31
Nonfat Dry Milk, Human	109.24	109.19	108.35	-0.89	-0.84
Dry Skim Milk, Animal	55.67	50.93	50.64	-5.03	-0.29
Dry Buttermilk, Human	109.93	98.22	97.32	-12.61	-0.90

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 September 3, 1993.