

# Dairy Products



United States  
Department of  
Agriculture

Washington, D.C.

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## May 1996 Highlights

**Butter** production was 99.7 million pounds in May, 17 percent below May 1995 and 8 percent below April 1996.

**American type cheese** production reached a record high of 300 million pounds, 8 percent above both May 1995 and April 1996.

**Total cheese** output (excluding cottage cheese) was 635 million pounds, up 6 percent from May 1995 and 4 percent above April 1996.

**Creamed cottage cheese** production was 32.0 million pounds, 5 percent below May 1995 but 6 percent above April 1996.

**Lowfat cottage cheese** production was 28.6 million pounds, 2 percent below May 1995 but slightly above April 1996.

**Frozen desserts:** (comparisons with May 1995)

Ice cream (hard) --- 80.4 million gallons, up 5 percent.

Ice cream (lowfat) --- 33.2 million gallons, down 1 percent.

Sherbet (hard) --- 4.88 million gallons, down 3 percent.

Frozen Yogurt (total) --- 12.1 million gallons, down 16 percent.

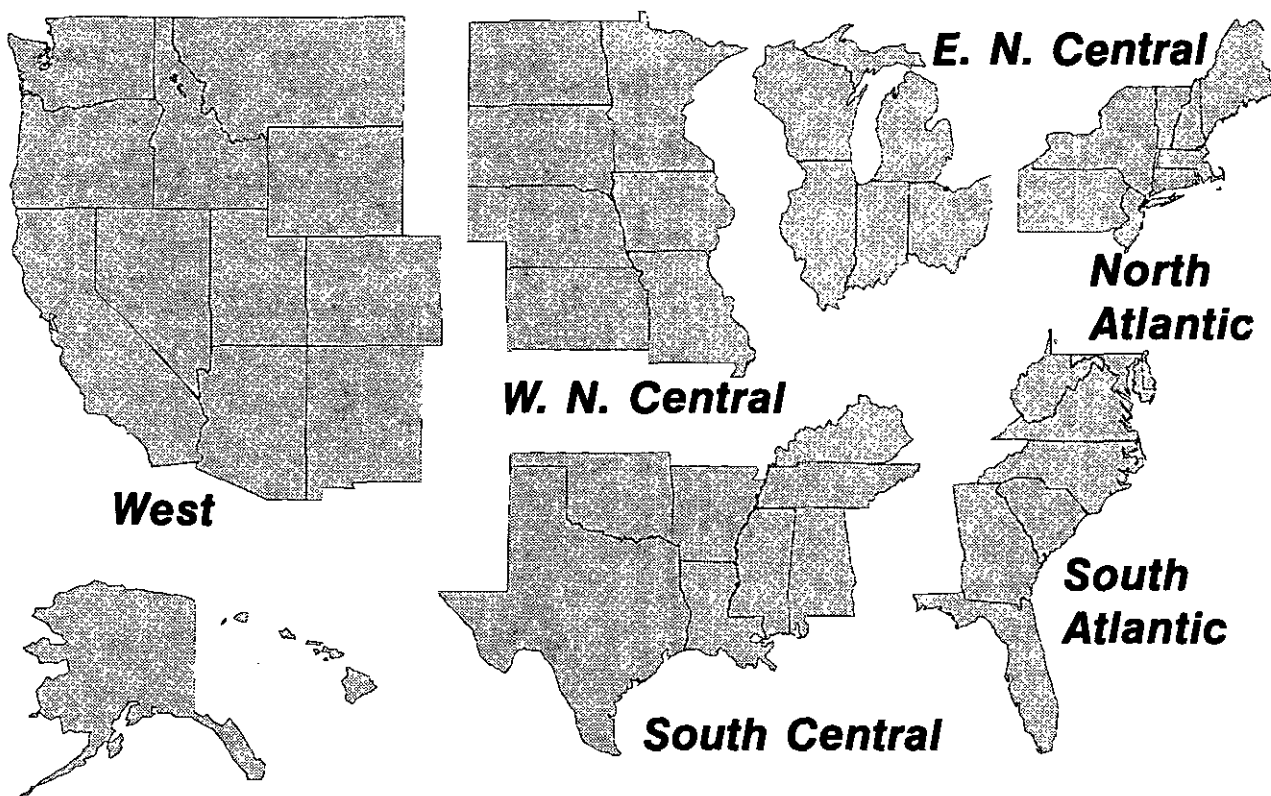
**Dry milk products:** (comparisons with May 1995)

Nonfat dry milk for human food --- 112 million pounds, down 19 percent.

Dry whole milk --- 11.2 million pounds, down 19 percent.

Dry buttermilk --- 4.14 million pounds, down 23 percent.

# 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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.

Dairy Products: Production by Product,  
United States, May 1995-96

Product	May	Apr	May	Percent of	
	1995	1996 1/	1996	May	Apr
	1,000 Pounds			Percent	
Butter	119,435	107,907	99,654	83	92
Cheese					
American Types 2/	278,284	277,215	299,798	108	108
Swiss	22,551	17,767	20,709	92	117
Brick and Muenster	9,509	10,097	10,400	109	103
Cream and Neufchatel	46,846	53,140	51,783	111	97
Blue	2,670	2,779	3,239	121	117
Mozzarella	177,397	190,049	191,933	108	101
Other Italian Types	46,415	44,859	43,905	95	98
Total Italian Types	223,812	234,908	235,838	105	100
All Other Types	16,021	14,015	12,841	80	92
Total	599,693	609,921	634,608	106	104
Cottage Cheese, Curd 3/	41,098	38,623	39,207	95	102
Cottage Cheese, Creamed 4/	33,601	30,162	31,976	95	106
Cottage Cheese, Lowfat 5/	29,294	28,522	28,570	98	100
Canned Evaporated and					
Condensed Whole Milk	51,778	35,812	40,971	79	114
Dry Whole Milk	13,701	13,159	11,162	81	85
Nonfat Dry Milk, Human	137,075	113,063	111,544	81	99
Dry Skim Milk, Animal	1,094	761	690	63	91
Dry Buttermilk	5,386	4,666	4,140	77	89
Yogurt, Plain & Flavored	118,800	114,727	115,433	97	101
	1,000 Gallons			Percent	
Frozen Products					
Ice Cream, Hard	76,625	72,948	80,391	105	110
Ice Cream, Lowfat, Hard	9,435	9,205	10,217	108	111
Ice Cream, Lowfat, Soft	24,127	20,802	22,975	95	110
Ice Cream, Lowfat, Total	33,562	30,007	33,192	99	111
Sherbet, Hard	5,025	4,260	4,878	97	115
Water and Juice Ices	7,566	6,461	6,797	90	105
Frozen Yogurt, Total	14,514	11,308	12,141	84	107
Regular & Lowfat, Hard	6,175	5,767	5,346	87	93
Nonfat, Hard	2,411	1,865	2,482	103	133
Other Frozen Dairy					
Products	1,436	1,319	1,348	94	102
Mixed for Frozen Products					
Ice Cream Mix	42,312	40,270	43,972	104	109
Ice Cream, Lowfat, Mix	20,041	18,713	20,694	103	111
Ice Cream, Nonfat, Mix	2,219	1,837	1,908	86	104
Sherbet Mix	3,416	3,171	3,553	104	112
Yogurt Mix	9,186	7,157	7,684	84	107

- 1/ Revised.
- 2/ Whole milk cheese, including cheddar, colby, washed curd, stirred curd, monterey, and jack.
- 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, 1995-96

Product	Production			Percent of	
	May 1995	Apr 1996 1/	May 1996	May 1995	Apr 1996
	Production			-- Percent --	
	----- 1,000 Pounds -----				
Condensed Whey, Solids Content 2/					
Sweet-Type, Human	7,718	5,102	4,594	60	90
Sweet-Type, Animal	2,011	3,110	2,269	113	73
Dry Whey Products					
Dry Whey, Human	98,794	90,909	94,200	95	104
Dry Whey, Animal	11,896	6,982	8,569	72	123
Reduced Lactose and Minerals					
Human Food	7,335	8,460	7,712	105	91
Animal Feed	2,874	2,228	2,199	77	99
Lactose, Human and Animal	28,212	26,637	26,730	95	100
Whey					
Solids in Wet Blends, Animal	6,569	5,322	6,648	101	125
Protein Concentrate, Human	16,288	15,318	15,554	95	102
Protein Concentrate, Animal	2,821	2,808	2,906	103	103
	Manufacturers' Stocks End-of-Month 3/			-- Percent --	
	----- 1,000 Pounds -----				
Dry Whey Products					
Dry Whey, Human	42,092	41,294	37,903	90	92
Dry Whey, Animal	9,568	4,360	5,559	58	128
Reduced Lactose and Minerals					
Human and Animal 4/	12,402	8,786	8,085	65	92
Lactose, Human and Animal	18,947	14,933	16,675	88	112
Whey Protein Concentrate, Human	8,231	7,872	9,207	112	117
Whey Protein Concentrate, Animal	645	475	434	67	91
	Manufacturers' Selling Price 5/			Cents Change	
	---- Cents per Pound ----				
Dry Whey, Human	18.5	21.8	21.0	2.5	-.8
Dry Whey, Animal	18.0	21.4	20.4	2.4	-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, 1995-96 (continued)

Product and Month	By Month			Cumulative		
	1995	1996	1996 as % of 1995	1995	1996	1996 as % of 1995
	--- 1,000 Pounds ---		Percent	--- 1,000 Pounds ---		Percent
Butter						
Jan	135,639	125,431	92	135,639	125,431	92
Feb	121,719	118,088	97	257,358	243,519	95
Mar	127,338	113,249	89	384,696	356,768	93
Apr	120,641	107,907	89	505,337	464,675	92
May	119,435	99,654	83	624,772	564,329	90
Jun	98,401			723,173		
Jul	84,989			808,162		
Aug	76,025			884,187		
Sep	80,218			964,405		
Oct	93,461			1,057,866		
Nov	90,451			1,148,317		
Dec	112,419			1,260,736		
American Cheese						
Jan	263,879	275,432	104	263,879	275,432	104
Feb	243,162	270,824	111	507,041	546,256	108
Mar	269,545	286,133	106	776,586	832,389	107
Apr	264,907	277,215	105	1,041,493	1,109,604	107
May	278,284	299,798	108	1,319,777	1,409,402	107
Jun	264,457			1,584,234		
Jul	262,443			1,846,677		
Aug	245,069			2,091,746		
Sep	251,379			2,343,125		
Oct	252,814			2,595,939		
Nov	252,752			2,848,691		
Dec	279,877			3,128,568		
Italian Cheese						
Jan	214,778	228,900	107	214,778	228,900	107
Feb	206,112	224,937	109	420,890	453,837	108
Mar	228,619	245,362	107	649,509	699,199	108
Apr	207,334	234,908	113	856,843	934,107	109
May	223,812	235,838	105	1,080,655	1,169,945	108
Jun	220,246			1,300,901		
Jul	207,511			1,508,412		
Aug	211,872			1,720,284		
Sep	221,655			1,941,939		
Oct	229,139			2,171,078		
Nov	228,193			2,399,271		
Dec	242,753			2,642,024		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1995-96 (continued)

Product and Month	By Month			Cumulative		
	1995	1996	1996 as % of 1995	1995	1996	1996 as % of 1995
	: -- 1,000 Pounds --		Percent	--- 1,000 Pounds ---		Percent
Total Cheese						
Jan	: 562,558	588,044	105	562,558	588,044	105
Feb	: 527,310	587,418	111	1,089,868	1,175,462	108
Mar	: 601,198	634,668	106	1,691,066	1,810,130	107
Apr	: 563,598	609,921	108	2,254,664	2,420,051	107
May	: 599,693	634,608	106	2,854,357	3,054,659	107
Jun	: 584,684			3,439,041		
Jul	: 559,878			3,998,919		
Aug	: 556,090			4,555,009		
Sep	: 577,685			5,132,694		
Oct	: 594,037			5,726,731		
Nov	: 589,728			6,316,459		
Dec	: 623,780			6,940,239		
Nonfat Dry Milk, Human						
Jan	: 113,913	98,945	87	113,913	98,945	87
Feb	: 98,292	92,967	95	212,205	191,912	90
Mar	: 118,726	104,443	88	330,931	296,355	90
Apr	: 125,028	113,063	90	455,959	409,418	90
May	: 137,075	111,544	81	593,034	520,962	88
Jun	: 128,149			721,183		
Jul	: 107,578			828,761		
Aug	: 82,401			911,162		
Sep	: 72,046			983,208		
Oct	: 75,732			1,058,940		
Nov	: 73,099			1,132,039		
Dec	: 101,799			1,233,838		
Total Dry Whey 1/						
Jan	: 102,090	89,595	88	102,090	89,595	88
Feb	: 95,744	93,545	98	197,834	183,140	93
Mar	: 105,349	97,431	92	303,183	280,571	93
Apr	: 102,788	97,891	95	405,971	378,462	93
May	: 110,690	102,769	93	516,661	481,231	93
Jun	: 104,435			621,096		
Jul	: 101,225			722,321		
Aug	: 92,475			814,796		
Sep	: 86,370			901,166		
Oct	: 89,684			990,850		
Nov	: 89,296			1,080,146		
Dec	: 93,139			1,173,285		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1995-96 (continued)

Product and Month	By Month			Cumulative		
	1995	1996	1996 as % of 1995	1995	1996	1996 as % of 1995
	1,000 Pounds		Percent	1,000 Pounds		Percent
<b>Cream Cottage Cheese</b>						
Jan	31,225	29,830	96	31,225	29,830	96
Feb	30,166	29,511	98	61,391	59,341	97
Mar	36,949	30,834	83	98,340	90,175	92
Apr	30,683	30,162	98	129,023	120,337	93
May	33,601	31,976	95	162,624	152,313	94
Jun	34,242			196,866		
Jul	31,309			228,175		
Aug	34,602			262,777		
Sep	30,714			293,491		
Oct	29,758			323,249		
Nov	29,633			352,882		
Dec	27,480			380,362		
<b>Lowfat Cottage Cheese</b>						
Jan	26,576	25,174	95	26,576	25,174	95
Feb	26,469	26,281	99	53,045	51,455	97
Mar	29,543	27,837	94	82,588	79,292	96
Apr	26,147	28,522	109	108,735	107,814	99
May	29,294	28,570	98	138,029	136,384	99
Jun	29,897			167,926		
Jul	27,002			194,928		
Aug	28,409			223,337		
Sep	25,504			248,841		
Oct	25,037			273,878		
Nov	23,518			297,396		
Dec	20,902			318,298		
<b>Ice Cream, Hard</b>						
Jan	57,909	54,090	93	57,909	54,090	93
Feb	60,387	60,872	101	118,296	114,962	97
Mar	73,467	66,892	91	191,763	181,854	95
Apr	72,173	72,948	101	263,936	254,802	97
May	76,625	80,391	105	340,561	335,193	98
Jun	84,608			425,169		
Jul	81,712			506,881		
Aug	82,358			589,239		
Sep	64,717			653,956		
Oct	62,023			715,979		
Nov	54,261			770,240		
Dec	46,671			816,911		

See footnotes at end of table.

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Dairy Products: Production by Product and Month,  
United States, 1995-96 (continued)

Product and Month	By Month			Cumulative		
	1995	1996	: 1996 : as % of: : 1995	1995	1996	: 1996 : as % of : 1995
	1,000 Gallons		Percent	1,000 Gallons		Percent
Ice Cream, Lowfat						
Jan	22,143	20,183	91	22,143	20,183	91
Feb	22,159	21,237	96	44,302	41,420	93
Mar	31,546	27,654	88	75,848	69,074	91
Apr	29,922	30,007	100	105,770	99,081	94
May	33,562	33,192	99	139,332	132,273	95
Jun	38,689			178,021		
Jul	36,790			214,811		
Aug	37,173			251,984		
Sep	28,846			280,830		
Oct	27,161			307,991		
Nov	21,847			329,838		
Dec	20,015			349,853		
Sherbet, Hard						
Jan	3,205	3,451	108	3,205	3,451	108
Feb	3,725	3,569	96	6,930	7,020	101
Mar	4,446	4,039	91	11,376	11,059	97
Apr	4,447	4,260	96	15,823	15,319	97
May	5,025	4,878	97	20,848	20,197	97
Jun	5,329			26,177		
Jul	5,145			31,322		
Aug	5,503			36,825		
Sep	4,131			40,956		
Oct	3,331			44,287		
Nov	3,051			47,338		
Dec	2,884			50,222		
Frozen Yogurt						
Jan	9,305	7,420	80	9,305	7,420	80
Feb	11,333	9,314	82	20,638	16,734	81
Mar	14,664	10,779	74	35,302	27,513	78
Apr	12,763	11,308	89	48,065	38,821	81
May	14,514	12,141	84	62,579	50,962	81
Jun	16,393			78,972		
Jul	15,287			94,259		
Aug	16,088			110,347		
Sep	12,991			123,338		
Oct	11,845			135,183		
Nov	9,387			144,570		
Dec	7,012			151,582		

1/ Excludes all modified dry whey products.



American Cheese: Production by State and United States, May 1995-96

State	May	Apr	May	Percent of	
	1995	1996	1996	May	Apr
	1,000 Pounds			Percent	
CA	32,487	25,557	38,843	120	152
ID	27,021	31,532	31,979	118	101
IA	8,744	8,401	8,495	97	101
KS	3,392	3,308	3,234	95	98
MN	55,720	52,260	52,865	95	101
NY	7,588	8,227	8,779	116	107
ND	3,028	2,203	2,450	81	111
OH	2,077	2,814	2,938	141	104
OR	4,428	4,348	4,339	98	100
SD	3,320	4,450	4,691	141	105
TN	1,710	1,863	655	38	35
UT	3,540	3,155	3,005	85	95
VT	1,685	4,256	4,389	260	103
WA	1,187	3,700	4,756	401	129
WI	86,176	82,000	86,800	101	106
Oth Sts 1/	36,181	39,141	41,580	115	106
US	278,284	277,215	299,798	108	108
Atlantic	12,391	14,282	15,526	125	109
E N Central	90,492	86,501	91,466	101	106
W N Central	79,834	76,104	77,627	97	102
S Central	15,281	15,487	13,710	90	89
West	80,286	84,841	101,469	126	120

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 1995-96

State	May	Apr	May	Percent of	
	1995	1996	1996	May	Apr
	1,000 Pounds			Percent	
CA	37,419	42,473	41,910	112	99
NY	16,877	17,713	17,490	104	99
PA	19,248	17,723	19,890	103	112
WI	51,095	53,600	53,000	104	99
Oth Sts 1/	52,758	58,540	59,643	113	102
US	177,397	190,049	191,933	108	101
Atlantic	41,928	41,737	43,179	103	103
E N Central	62,274	64,145	63,867	103	100
W N Central	20,928	21,534	22,230	106	103
West	51,146	62,633	62,657	123	100

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 1995-96

State	May	Apr	May	Percent of	
	1995	1996	1996	May	Apr
	1,000 Pounds			Percent	
CA	32,150	27,084	23,257	72	86
MI	2,558	2,800	3,000	117	107
MN	5,561	5,765	5,423	98	94
NY	2,313	2,337	2,357	102	101
ND	370	369	349	94	95
OR	1,959	1,620	1,950	100	120
PA	8,292	7,695	7,255	87	94
WA	9,640	6,308	8,500	88	135
WI	26,192	26,500	24,400	93	92
Oth Sts 1/	30,400	27,429	23,163	76	84
US	119,435	107,907	99,654	83	92
N Atlantic	12,662	12,798	11,496	91	90
S Atlantic	3,863	4,481	3,684	95	82
E N Central	35,065	35,535	33,067	94	93
W N Central	12,253	10,175	9,850	80	97
S Central	9,493	8,296	7,037	74	85
West	46,099	36,622	34,520	75	94

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 1995-96

State	May	Apr	May	Percent of	
	1995	1996	1996	May	Apr
	----- 1,000 Pounds -----			-- Percent --	
CA	41,879	37,713	36,252	87	96
IA	6,429	4,996	5,477	85	110
MI	5,695	4,843	4,688	82	97
MN	3,674	1,742	1,894	52	109
NY	3,687	3,268	2,940	80	90
ND	204				
TN	1,507	1,291	1,300	86	101
WA	21,544	15,600	17,101	79	110
WI	9,018	5,200	5,300	59	102
Oth Sts 1/	43,438	38,410	36,592	84	95
US	137,075	113,063	111,544	81	99
Atlantic	23,478	20,787	20,436	87	98
E N Central	16,492	12,177	11,467	70	94
W N Central	17,595	11,359	11,932	68	105
S Central	13,052	9,245	8,823	68	95
West	66,458	59,495	58,886	89	99

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 1995-96

State	May	Apr	May	Percent of	
	1995	1996	1996	May	Apr
	1,000 Gallons			Percent	
	1995	1996	1996	1995	1996
AZ	625	747	751	120	101
AR	316	377	344	109	91
CA	9,229	8,793	9,851	107	112
CO	872	882	980	112	111
FL	2,177	1,900	1,840	85	97
GA	1,077	899	1,048	97	117
ID	633	678	713	113	105
IL	3,119	2,812	3,110	100	111
IN	3,585	4,035	4,047	113	100
KS	276	335	252	91	75
MD	1,536	1,769	1,877	122	106
MA	4,119	5,123	5,149	125	101
MI	2,460	2,006	2,280	93	114
MN	3,387	3,256	3,898	115	120
MO	1,454	950	1,110	76	117
NM	229	527	527	230	100
NY	3,126	3,100	2,800	90	90
NC	2,861	2,429	2,918	102	120
ND	80	56	84	105	150
OH	4,247	3,150	3,600	85	114
OR	1,039	740	1,100	106	149
PA	5,558	6,355	6,400	115	101
SC	1,142	1,067	993	87	93
TN	1,022	935	946	93	101
TX	4,883	3,861	4,050	83	105
UT	986	1,102	976	99	89
WA	1,984	1,871	2,075	105	111
WI	775	700	800	103	114
Oth Sts 1/	13,828	12,493	15,872	115	127
US	76,625	72,948	80,391	105	110
N Atlantic	16,581	19,281	19,684	119	102
S Atlantic	10,592	9,306	10,429	98	112
E N Central	14,186	12,703	13,837	98	109
W N Central	9,645	8,442	10,869	113	129
S Central	9,725	7,723	8,423	87	109
West	15,896	15,493	17,149	108	111

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 1995-96

Product	May	Apr	May	Percent of	
	1995	1996 1/	1996	May	Apr
				1995	1996
Manufacturers' Shipments 2/					
	1,000 Pounds			Percent	
Dry Whole Milk	13,514	9,825	9,829	73	100
Nonfat Dry Milk, Human	113,504	90,947	105,029	93	115
Dry Skim Milk, Animal	1,106	934	610	55	65
Dry Buttermilk, Human	3,617	3,907	3,595	99	92
Manufacturers' Stocks End-of-Month 3/					
	1,000 Pounds			Percent	
Canned Evaporated and Condensed Whole Milk	95,775	49,932	51,780	54	104
Dry Whole Milk	14,440	10,214	9,197	64	90
Nonfat Dry Milk, Human	128,964	100,272	86,105	67	86
Dry Skim Milk, Animal	1,896	1,083	1,291	68	119
Dry Buttermilk, Total	7,675	3,345	3,278	43	98
Manufacturers' Selling Prices 4/					
	Cents per Pound			Cents Change	
Dry Whole Milk	110.81	117.70	126.08	15.27	8.38
Nonfat Dry Milk, Human	105.95	107.98	111.42	5.47	3.44
Dry Skim Milk, Animal	53.34	63.96	64.75	11.41	.79
Dry Buttermilk, Human	84.34	92.38	102.48	18.14	10.10

- 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 August 5, 1996.

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