

# Dairy Products



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

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Released August 5, 1991, by the Agricultural Statistics Board. Estimates refer to June 1991.

## June 1991 Highlights

Butter production was 98.3 million pounds in June, 2 percent above June 1990 but 22 percent below May 1991.

American type cheese production totaled 235 million pounds, 6 percent below June 1990 and 5 percent below May 1991.

Total cheese output (excluding cottage cheese) was 505 million pounds, 3 percent below June 1990 and 2 percent below May 1991.

Creamed cottage cheese production was 41.5 million pounds, 6 percent below June 1990 and 5 percent below May 1991.

Lowfat cottage cheese production was 26.3 million pounds, up fractionally from June 1990 but 2 percent below May 1991.

Canned evaporated and condensed milk production at 49.1 million pounds was 13 percent below June 1990 but 6 percent above May 1991.

### Frozen desserts: (comparisons with June 1990)

Ice cream (hard)---84.7 million gallons up 10 percent.

Ice milk-----35.3 million gallons, down 1 percent.

Sherbet(hard)---4.89 million gallons, down 3 percent.

### Dry milk products: (comparisons with June 1990)

Nonfat dry milk for human food--78.6 million pounds, down 10 percent.

Dry whole milk----8.83 million pounds, down 44 percent.

Dry buttermilk-----3.93 million pounds, up 2 percent.

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Production Of Dairy Products, United States, June 1991

Product	Jun	May	Jun	Percent Of	
	1990	1991	1991	Jun 1990	May 1991
	1,000 Pounds			Percent	
Butter	96,721	125,981	98,267	102	78
Cheese:					
Amercian Types <u>1/</u>	250,641	247,473	235,191	94	95
Swiss	23,789	22,504	19,620	82	87
Brick and Munster	10,426	9,268	10,147	97	109
Cream and Neufchatel	33,080	29,873	34,150	103	114
Blue	3,164	2,583	2,760	87	107
Mozzarella	149,780	154,498	148,221	99	96
Other Italian Types	42,496	39,925	43,208	102	108
Total Italian Types	192,276	194,423	191,429	100	98
All Other Types <u>2/</u>	9,480	9,883	12,087	128	122
Total	522,856	516,007	505,384	97	98
Cottage Cheese, Curd <u>3/</u>	41,597	42,751	41,090	99	96
Cottage Cheese, Creamed <u>4/</u>	44,117	43,899	41,534	94	95
Cottage Cheese, Lowfat, <u>5/</u>	26,184	26,830	26,312	100	98
Canned Evaporated and					
Condensed Whole Milk	56,273	46,512	49,113	87	106
Dry Whole Milk	15,868	7,064	8,831	56	125
Nonfat Dry Milk					
For Human Food	87,675	101,419	<u>6/</u> 78,637	90	78
Dry Skim Milk					
For Animal Feed	2,212	1,703	2,304	104	135
Dry Buttermilk	3,842	5,905	3,928	102	67
Yogurt (Plain & Flavored)	86,460	94,217	96,930	112	103
	1,000 Gallons			Percent	
Frozen Products:					
Ice Cream (Hard)	77,163	77,331	84,681	110	110
Ice Milk (Hard)	11,094	10,080	12,020	108	119
Ice Milk (Soft)	24,667	23,129	23,327	95	101
Ice Milk (Total)	35,761	33,209	35,347	99	106
Sherbet (Hard)	5,032	4,162	4,890	97	117
Water and Juice Ices	6,351	6,412	7,542	119	118
Other Frozen Dairy					
Products	6,564	5,291	6,366	97	120
Frozen Yogurt	11,814	14,495	14,841	126	102
Mix For Products:					
Ice Cream Mix	41,842	40,882	43,693	104	107
Ice Milk Mix	22,230	20,724	21,877	98	106
Sherbet Mix	3,391	2,920	3,097	91	106
Yogurt Mix	7,876	9,663	9,894	126	102

- 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 & WI production of 5,571 thousand pounds.

Whey and Modified Whey Products: Production, Stocks,  
and Prices 1/, United States

Product	Jun	May	Jun	Percent Of	
	1990	1991	1991	Jun	May
	Production 1,000 pounds			Percent	
Condensed Whey, Solids Content <u>2/</u> :					
Sweet-Type, Human Food	4,202	3,951	3,891	93	98
Sweet-Type, Animal Feed	359	369	346	96	94
Dry Whey Products					
Dry Whey, Human Food	84,621	86,931	83,510	99	96
Dry whey, Animal Feed	16,590	14,418	16,702	101	116
Reduced Lactose and Minerals					
Human Food	5,768	8,107	8,246	143	102
Animal Feed	2,045	1,889	1,793	88	95
Lactose, Human & Animal	16,924	18,465	18,046	107	98
Whey Solids In Wet Blends					
Human Food	1,593	1,879	1,590	100	85
Animal Feed	6,528	6,086	7,877	121	129
Whey Protein Concentrate					
Human Food	12,071	13,529	13,149	109	97
Animal Feed	2,444	2,633	2,583	106	98
	Manufacturers' Stocks, End-Of-Month <u>3/</u>			Percent	
	1,000 Pounds				
Dry Whey Products					
Dry Whey					
Human Food	51,265	41,610	43,516	85	105
Animal Feed	16,568	5,769	8,648	52	150
Reduced Lactose and Minerals					
Human and Animal <u>4/</u>	18,619	18,361	19,725	106	107
Lactose, Human & Animal	32,722	11,562	13,939	43	121
Whey Protein Concentrate					
Human Food	7,032	7,157	8,660	123	121
Animal Feed	160	384	471	294	123
	Manufacturers' Selling Price <u>5/</u>			Cents Change	
	Cents Per Pound				
Dry Whey, Human Food	15.3	13.9	15.7	0.4	1.8
Dry Whey, Animal Feed	13.8	13.1	14.7	0.9	1.6

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.

Production of Dairy Products, United States, 1990-91

Month	By Month			Cumulative		
	1990	1991	1991 :As % Of: : 1990	1990	1991	1991 :As % Of: : 1990
	1,000 Pounds		Percent	1,000 Pounds		Percent
Butter						
Jan	133,949	142,070	106	133,949	142,070	106
Feb	121,806	126,294	104	255,755	268,364	105
Mar	121,635	131,641	108	377,390	400,005	106
Apr	119,222	133,702	112	496,612	533,707	107
May	118,575	125,981	106	615,187	659,688	107
Jun	96,721	98,267	102	711,908	757,955	106
Jul	84,571			796,479		
Aug	84,202			880,681		
Sep	83,436			964,117		
Oct	106,743			1,070,860		
Nov	110,082			1,180,942		
Dec	121,235			1,302,177		
American Cheese						
Jan	241,329	247,109	102	241,329	247,109	102
Feb	226,034	222,362	98	467,363	469,471	100
Mar	255,990	250,022	98	723,353	719,493	99
Apr	252,030	236,864	94	975,383	956,357	98
May	261,200	247,473	95	1,236,583	1,203,830	97
Jun	250,641	235,191	94	1,487,224	1,439,021	97
Jul	241,023			1,728,247		
Aug	233,255			1,961,502		
Sep	214,754			2,176,256		
Oct	232,708			2,408,964		
Nov	233,622			2,642,586		
Dec	248,181			2,890,767		
Italian Cheese						
Jan	181,923	184,443	101	181,923	184,443	101
Feb	166,354	171,254	103	348,277	355,697	102
Mar	197,032	195,834	99	545,309	551,531	101
Apr	192,438	193,700	101	737,747	745,231	101
May	199,346	194,423	98	937,093	939,654	100
Jun	192,276	191,429	100	1,129,369	1,131,083	100
Jul	180,830			1,310,199		
Aug	177,962			1,488,161		
Sep	172,535			1,660,696		
Oct	182,664			1,843,360		
Nov	176,455			2,019,815		
Dec	188,848			2,208,663		
Total Cheese						
Jan	493,132	501,692	102	493,132	501,692	102
Feb	456,191	457,974	100	949,323	959,666	101
Mar	531,696	521,364	98	1,481,019	1,481,030	100
Apr	521,147	500,677	96	2,002,166	1,981,707	99
May	542,843	516,007	95	2,545,009	2,497,714	98
Jun	522,856	505,384	97	3,067,865	3,003,098	98
Jul	502,251			3,570,116		
Aug	495,023			4,065,139		
Sep	472,555			4,537,694		
Oct	505,916			5,043,610		
Nov	495,461			5,539,071		
Dec	522,091			6,061,162		

Production of Dairy Products, United States, 1990-91

Month	By Month			Cumulative		
	1990	1991	1991 :As % Of: : 1990	1990	1991	1991 :As % Of : 1990
	1,000 Gallons		Percent	1,000 Gallons		Percent
<b>Ice Cream (Hard)</b>						
Jan	51,045	54,778	107	51,045	54,778	107
Feb	55,489	56,960	103	106,534	111,738	105
Mar	67,724	68,221	101	174,258	179,959	103
Apr	65,022	70,026	108	239,280	249,985	104
May	72,945	77,331	106	312,225	327,316	105
Jun	77,163	84,681	110	389,388	411,997	106
Jul	80,607			469,995		
Aug	74,182			544,177		
Sep	60,875			605,052		
Oct	59,383			664,435		
Nov	52,209			716,644		
Dec	50,308			766,952		
<b>Ice Milk</b>						
Jan	23,976	20,865	87	23,976	20,865	87
Feb	24,224	22,375	92	48,200	43,240	90
Mar	31,338	26,860	86	79,538	70,100	88
Apr	32,120	29,227	91	111,658	99,327	89
May	35,069	33,209	95	146,727	132,536	90
Jun	35,761	35,347	99	182,488	167,883	92
Jul	36,115			218,603		
Aug	35,439			254,042		
Sep	27,302			281,344		
Oct	25,919			307,263		
Nov	21,690			328,953		
Dec	19,847			348,800		
<b>Sherbet (Hard)</b>						
Jan	3,061	3,240	106	3,061	3,240	106
Feb	3,238	2,995	92	6,299	6,235	99
Mar	4,254	4,189	98	10,553	10,424	99
Apr	4,557	4,199	92	15,110	14,623	97
May	5,099	4,162	82	20,209	18,785	93
Jun	5,032	4,890	97	25,241	23,675	94
Jul	5,285			30,526		
Aug	4,651			35,177		
Sep	3,453			38,630		
Oct	3,093			41,723		
Nov	2,700			44,423		
Dec	2,722			47,145		
<b>Frozen Yogurt</b>						
Jan	5,802	6,921	119	5,802	6,921	119
Feb	8,868	8,489	96	14,670	15,410	105
Mar	11,027	10,221	93	25,697	25,631	100
Apr	8,460	12,674	150	34,157	38,305	112
May	10,740	14,495	135	44,897	52,800	118
Jun	11,814	14,841	126	56,711	67,641	119
Jul	12,756			69,467		
Aug	12,560			82,027		
Sep	10,314			92,341		
Oct	9,467			101,808		
Nov	8,664			110,472		
Dec	8,172			118,644		

Production Of Dairy Products, United States, 1990-91

Month	By Month			Cumulative		
	1990	1991	1991 :As % Of: : 1990	1990	1991	1991 :As % Of: : 1990
	1,000 Pounds		Percent	1,000 Pounds		Percent
Nonfat Dry Milk Human Food						
Jan	67,200	82,616	123	67,200	82,616	123
Feb	70,572	77,879	110	137,772	160,495	116
Mar	78,511	87,584	112	216,283	248,079	115
Apr	84,335	95,106	113	300,618	343,185	114
May	93,450	101,419	109	394,068	444,604	113
Jun	87,675	78,637	90	481,743	523,241	109
Jul	75,631			557,374		
Aug	62,333			619,707		
Sep	52,163			671,870		
Oct	54,922			726,792		
Nov	68,667			795,459		
Dec	81,177			876,636		
Total Dry Whey <u>1/</u>						
Jan	94,829	97,074	102	94,829	97,074	102
Feb	92,170	86,579	94	186,999	183,653	98
Mar	98,823	97,044	98	285,822	280,697	98
Apr	101,230	98,985	98	387,052	379,682	98
May	104,829	101,349	97	491,881	481,031	98
Jun	101,211	100,212	99	593,092	581,243	98
Jul	100,249			693,341		
Aug	94,733			788,074		
Sep	86,628			874,702		
Oct	89,599			964,301		
Nov	85,804			1,050,105		
Dec	93,154			1,143,259		
Creamed Cottage Cheese						
Jan	44,487	44,046	99	44,487	44,046	99
Feb	43,508	40,501	93	87,995	84,547	96
Mar	48,437	42,329	87	136,432	126,876	93
Apr	44,959	44,882	100	181,391	171,758	95
May	48,456	43,899	91	229,847	215,657	94
Jun	44,117	41,534	94	273,964	257,191	94
Jul	45,776			319,740		
Aug	46,942			366,682		
Sep	42,105			408,787		
Oct	43,893			452,680		
Nov	40,177			492,857		
Dec	37,779			530,636		
Lowfat Cottage Cheese						
Jan	23,992	24,575	102	23,992	24,575	102
Feb	23,862	23,770	100	47,854	48,345	101
Mar	27,675	27,540	100	75,529	75,885	100
Apr	25,923	27,089	104	101,452	102,974	102
May	27,483	26,830	98	128,935	129,804	101
Jun	26,184	26,312	100	155,119	156,116	101
Jul	26,487			181,606		
Aug	27,043			208,649		
Sep	24,326			232,975		
Oct	25,353			258,328		
Nov	22,899			281,227		
Dec	20,718			301,945		

1/ Excludes all modified dry whey products.

American Cheese: Production By States, June 1991

State	Jun	May	Jun	Percent Of	
	1990	1991	1991	Jun 1990	May 1991
	1,000 Pounds			Percent	
CA	27,254	26,700	26,000	95	97
ID	8,536	10,181	11,681	137	115
IA	12,014	9,730	10,548	88	108
KS	3,308	3,544	3,310	100	93
KY	910	767	461	51	60
MN	50,888	51,780	44,342	87	86
MO	6,096	5,237	4,563	75	87
NY	9,042	8,236	6,738	75	82
ND	4,357	3,866	3,857	89	100
OR	3,208	3,200	3,110	97	97
SD	4,826	4,575	3,972	82	87
UT	4,067	4,270	4,318	106	101
WI	82,797	78,000	79,500	96	102
Oth Sts	33,338	37,387	32,791	98	88
US	250,641	247,473	235,191	94	95

Butter: Production by States, June 1991

State	Jun	May	Jun	Percent Of	
	1990	1991	1991	Jun 1990	May 1991
	1,000 pounds			Percent	
CA	23,242	26,800	24,000	103	90
KS	1,541	2,412	1,763	114	73
MI	1,560	1,810	1,308	84	72
MN	7,998	7,883	8,369	105	106
MO	469	2,047	472	101	23
NY	1,218	2,812	1,745	143	62
ND	406	428	251	62	59
OK	1,194	1,706	757	63	44
OR	1,422	1,600	1,600	113	100
PA	4,616	7,450	5,370	116	72
WI	24,744	30,000	25,000	101	83
Oth Sts	28,311	41,033	27,632	98	67
US	96,721	125,981	98,267	102	78

Ice Cream (Hard): Production By States, June 1991

State	Jun	May	Jun	Percent Of	
	1990	1991	1991	Jun	May
	1,000 Gallons			Percent	
	1990	1991	1991	1990	1991
AL	2,094	1,825	1,971	94	108
AZ	652	733	728	112	99
AR	452	432	528	117	122
CA	10,099	10,000	11,600	115	116
CO	1,118	1,086	1,165	104	107
FL	2,180	2,200	2,440	112	111
GA	1,124	847	777	69	92
IL	2,160	2,051	3,035	141	148
IN	2,242	2,132	2,534	113	119
IA	2,884	2,729	3,332	116	122
KS	510	487	544	107	112
MD <sup>1/</sup>	1,526	1,405	1,405	92	100
MA	3,005	4,250	4,715	157	111
MI	2,584	3,018	2,830	110	94
MN	4,003	3,813	3,871	97	102
MO	1,320	1,350	1,450	110	107
NJ	1,568	2,100	1,800	115	86
NY	3,602	3,500	4,250	118	121
NC	3,471	3,453	3,539	102	102
OH	4,372	3,600	4,800	110	133
OK	1,318	1,231	1,239	94	101
OR	768	710	800	104	113
PA	6,112	7,870	7,445	122	95
SC	841	1,117	1,059	126	95
TN	1,636	1,371	1,723	105	126
TX	5,084	5,391	5,474	108	102
UT	883	390	532	60	136
VA	687	326	342	50	105
WA	1,334	1,513	1,582	119	105
WI	1,778	1,100	1,400	79	127
Oth Sts	5,756	5,301	5,771	100	109
US	77,163	77,331	84,681	110	110

<sup>1/</sup> Includes District of Columbia.



**Canned Milk and Dry Milk Products: Manufacturers' Shipments,  
Stocks and Selling Prices June 1991**

Product	Jun 1990	May 1991	Jun 1991	Percent Of	
				Jun 1990	May 1991
		<b>Manufacturers' 1,000 Pounds</b>	<b>Shipments <sup>1/</sup></b>	<b>Percent</b>	
Dry Whole Milk	16,329	10,356	10,467	64	101
Nonfat Dry Milk					
For Human Food	60,231	102,281	85,872	143	84
Dry Skim Milk					
For Animal Feed	726	985	895	123	91
Dry Buttermilk, For Human Food	3,677	4,803	3,540	96	74
Canned Evaporated and Condensed		<b>Manufacturers' 1,000 Pounds</b>	<b>Stocks, End-Of-Month <sup>2/</sup></b>	<b><sup>4/</sup> Percent</b>	
Whole Milk	97,348	107,070	109,051	112	102
Dry Whole Milk	16,502	10,798	6,992	42	65
Nonfat Dry Milk					
For Human Food	92,604	74,353	67,480	73	91
Dry Skim Milk					
For Animal Feed	1,492	2,049	2,143	144	105
Dry Buttermilk, Total	5,318	7,569	7,046	132	93
		<b>Manufacturers' Selling Prices <sup>3/</sup></b>	<b><sup>4/</sup> Cents Per Pound</b>	<b>Change</b>	<b>Cents</b>
Dry Whole Milk	131.18	103.10	105.17	-26.01	2.07
Nonfat Dry Milk					
For Human Food	111.80	84.42	85.95	-25.85	1.53
Dry Skim Milk					
For Animal Feed	60.16	57.79	54.17	-5.99	-3.62
Dry Buttermilk, For Human Food	112.08	69.40	74.99	-37.09	5.59

<sup>1/</sup> For dry products, shipments of bulk goods only. <sup>2/</sup> Stocks held by manufacturers at all points and in transit. <sup>3/</sup> Prices for bulk goods, F.O.B. plant. Average monthly prices reported by firms, weighted by shipments of each firm. <sup>4/</sup> Revised.

**USDA Dairy Support Program Activities, United States, June 1991**

Product	CCC Purchases (Delivery Basis)				Uncommitted CCC Inventories	
	Jun 1990	Jun 1991	:Oct 1, 1989 :Through :Jun 30, 1990:	:Oct 1, 1990 :Through :Jun 30, 1991:	Jun 30 1990	Jun 30 1991 <sup>2/</sup>
			1,000 pounds			
Butter	23,948	23,084	333,620	407,859	349,210	568,041
Cheese <sup>1/</sup> :	1,613	7,135	9,031	102,259	0	33,992
Nonfat Dry Milk:	0	4,676	2,274	323,712	0	278,871

<sup>1/</sup> American and Mozzarella cheese. Includes the following quantities in special containers which can later be committed to program uses: Print butter 56,460,000 pounds, and fortified nonfat dry milk 9,243,000 pounds.

**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 helps eliminate duplicate reporting and reduces respondent burden. Data are collected by mail, personal and telephone interviews following the close of each month. There were 1714 manufacturers that made one or more products in 1990. 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, when every attempt is made to get information from all plants. Stocks data are subject to revision the following month.

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The next "Dairy Products" report will be released on September 6, 1991 at 3:00 p.m. ET.

