

# Dairy Products



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

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Released September 6, 1991, by the Agricultural Statistics Board. Estimates refer to July 1991.

## July 1991 Highlights

Butter production was 88.9 million pounds in July, 5 percent above July 1990 but 10 percent below June 1991.

American type cheese production totaled 225 million pounds, 7 percent below July 1990 and 4 percent below June 1991.

Total cheese output (excluding cottage cheese) was 490 million pounds, 2 percent below July 1990 and 3 percent below June 1991.

Creamed cottage cheese production was 43.3 million pounds, 5 percent below July 1990 but 4 percent above June 1991.

Lowfat cottage cheese production was 27.8 million pounds, up 5 percent from July 1990 and 6 percent above June 1991.

Canned evaporated and condensed milk production at 45.1 million pounds was 13 percent below July 1990 and 8 percent below June 1991.

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

Ice cream (hard) --- 84.9 million gallons, up 5 percent.

Ice milk ----- 36.5 million gallons, up 1 percent.

Sherbet(hard) --- 5.00 million gallons, down 5 percent.

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

Nonfat dry milk for human food -- 69.8 million pounds, down 8 percent.

Dry whole milk ---- 9.93 million pounds, down 30 percent.

Dry buttermilk ----- 3.34 million pounds, up 3 percent.

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Production of Dairy Products, United States, July 1991

Product	Jul 1990	Jun 1991	Jul 1991	Percent of	
				Jul 1990	Jun 1991
	----- 1,000 Pounds -----			- Percent -	
Butter	84,571	98,267	88,881	105	90
Cheese:					
Americian Types <u>1/</u>	241,023	235,191	225,013	93	96
Swiss	23,734	19,620	19,828	84	101
Brick and Munster	9,848	10,147	9,811	100	97
Cream and Neufchatel	33,950	34,150	35,029	103	103
Blue	2,782	2,760	2,934	105	106
Mozzarella	146,176	148,221	149,458	102	101
Other Italian Types	34,654	43,208	37,172	107	86
Total Italian Types	180,830	191,429	186,630	103	97
All Other Types <u>2/</u>	10,084	12,087	10,680	106	88
Total	502,251	505,384	489,925	98	97
Cottage Cheese, Curd <u>3/</u>	42,044	41,090	42,197	100	103
Cottage Cheese, Creamed <u>4/</u>	45,776	41,534	43,279	95	104
Cottage Cheese, Lowfat, <u>5/</u>	26,487	26,312	27,769	105	106
Canned Evaporated And					
Condensed Whole Milk	52,010	49,113	45,133	87	92
Dry Whole Milk	14,172	8,831	9,928	70	112
Nonfat Dry Milk					
For Human Food	75,631	78,637	<u>6/</u> 69,828	92	89
Dry Skim Milk					
For Animal Feed	1,909	2,304	1,762	92	76
Dry Buttermilk	3,236	3,928	3,336	103	85
Yogurt (Plain & Flavored)	82,105	96,930	66,781	81	69
	----- 1,000 Gallons -----			Percent	
Frozen Products:					
Ice Cream (Hard)	80,607	84,681	84,863	105	100
Ice Milk (Hard)	11,438	12,020	12,060	105	100
Ice Milk (Soft)	24,677	23,327	24,456	99	105
Ice Milk (Total)	36,115	35,347	36,516	101	103
Sherbet (Hard)	5,285	4,890	5,001	95	102
Water and Juice Ices	6,177	7,542	6,631	107	88
Other Frozen Dairy					
Products	6,209	6,366	6,199	100	97
Frozen Yogurt	12,756	14,841	16,232	127	109
Mix for Products:					
Ice Cream Mix	43,947	43,693	44,811	102	103
Ice Milk Mix	22,421	21,877	22,651	101	104
Sherbet Mix	3,589	3,097	3,517	98	114
Yogurt Mix	8,504	9,894	10,821	127	109

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 4,721 thousand pounds.

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

Product	Jul	Jun	Jul	Percent of	
	1990	1991	1991	Jul 1990	Jun 1991
	----- Production -----			- Percent -	
	1,000 Pounds				
Condensed Whey, Solids Content <u>2/</u> :					
Sweet-Type, Human Food	4,723	3,891	4,089	87	105
Sweet-type, Animal Feed	232	346	406	175	117
Dry Whey Products					
Dry Whey, Human Food	84,304	83,510	80,017	95	96
Dry Whey, Animal Feed	15,945	16,702	15,540	97	93
Reduced Lactose and Minerals					
Human Food	5,249	8,246	8,173	156	99
Animal Feed	1,753	1,793	1,804	103	101
Lactose, Human & Animal	15,734	18,046	16,387	104	91
Whey Solids in Wet Blends					
Human Food	1,956	1,590	1,551	79	98
Animal Feed	8,834	7,877	9,317	105	118
Whey Protein Concentrate					
Human Food	11,093	13,149	12,421	112	94
Animal Feed	2,381	2,583	2,743	115	106
	----- Manufacturers' Stocks, End-of-Month <u>3/</u> -----			- Percent -	
	1,000 Pounds				
Dry Whey Products					
Dry Whey					
Human Food	51,617	43,252	45,403	88	105
Animal Feed	19,133	8,648	8,670	45	100
Reduced Lactose and Minerals					
Human and Animal <u>4/</u>	17,693	19,725	19,413	110	98
Lactose, Human & Animal	36,146	13,263	13,900	38	105
Whey Protein Concentrate					
Human Food	7,606	8,660	7,613	100	88
Animal Feed	195	432	408	209	94
	----- Manufacturers' Selling Price <u>5/</u> -----			Cents Change	
	---- Cents Per Pound ---				
Dry Whey, Human Food	13.4	15.7	15.3	1.9	-0.4
Dry Whey, Animal Feed	12.2	14.7	14.5	2.3	-0.2

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.

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	88,881	105	796,479	846,836	106
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	225,013	93	1,728,247	1,664,034	96
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	186,630	103	1,310,199	1,317,713	101
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	489,925	98	3,570,116	3,493,023	98
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 -			- 1,000 Gallons -		
	Percent			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	84,863	105	469,995	496,860	106
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	36,516	101	218,603	204,399	94
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	5,001	95	30,526	28,676	94
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	16,232	127	69,467	83,873	121
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
<b>Nonfat Dry Milk</b>						
<b>Human Food</b>						
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	69,828	92	557,374	593,069	106
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		
<b>Total Dry Whey 1/</b>						
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	95,557	95	693,341	676,800	98
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		
<b>Creamed Cottage Cheese</b>						
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	43,279	95	319,740	300,470	94
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		
<b>Lowfat Cottage Cheese</b>						
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	27,769	105	181,606	183,885	101
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, July 1991

State	Jul	Jun	Jul	Percent of	
	1990	1991	1991	Jul 1990	Jun 1991
	----- 1,000 Pounds -----			- Percent -	
CA	27,301	26,000	26,000	95	100
ID	8,455	11,681	12,460	147	107
IA	10,710	10,548	9,670	90	92
KS	3,254	3,310	3,341	103	101
KY	721	461	333	46	72
MN	49,292	44,342	43,888	89	99
MO	5,182	4,563	5,182	100	114
NY	8,377	6,738	7,745	92	115
ND	3,952	3,857	3,645	92	95
OR	3,330	3,110	3,320	100	107
SD	3,695	3,972	3,383	92	85
UT	3,821	4,318	4,467	117	103
WI	79,538	79,500	72,000	91	91
Oth Sts	33,395	32,791	29,579	89	90
US	241,023	235,191	225,013	93	96

Butter: Production by States, July 1991

State	Jul	Jun	Jul	Percent of	
	1990	1991	1991	Jul 1990	Jun 1991
	----- 1,000 Pounds -----			-- Percent -	
CA	21,822	24,000	22,500	103	94
KS	1,334	1,763	1,684	126	96
MI	1,484	1,308	1,151	78	88
MN	7,495	8,369	8,769	117	105
MO	609	472	481	79	102
NY	1,201	1,745	1,620	135	93
ND	277	251	336	121	134
OK	1,242	757	714	57	94
OR	1,586	1,600	1,600	101	100
PA	4,664	5,370	5,135	110	96
WI	21,616	25,000	22,000	102	88
Oth Sts	21,241	27,632	22,891	108	83
US	84,571	98,267	88,881	105	90

Ice Cream (Hard): Production by States, July 1991

State	Jul	Jun	Jul	Percent of	
	1990	1991	1991	Jul 1990	Jun 1991
	----- 1,000 Gallons -----			-- Percent --	
AL	2,031	1,971	2,109	104	107
AZ	744	728	736	99	101
AR	480	528	534	111	101
CA	10,951	11,600	11,000	100	95
CO	1,108	1,165	1,161	105	100
FL	2,140	2,440	2,060	96	84
GA	1,010	777	976	97	126
IL	2,177	3,035	2,566	118	85
IN	2,328	2,534	3,047	131	120
IA	2,838	3,332	3,766	133	113
KS	664	544	633	95	116
MD <sup>1/</sup>	1,349	1,405	1,355	100	96
MA	3,248	4,715	3,645	112	77
MI	3,036	2,830	3,160	104	112
MN	4,386	3,871	4,111	94	106
MO	1,300	1,450	1,400	108	97
NJ	1,624	1,800	2,250	139	125
NY	4,289	4,250	4,650	108	109
NC	3,996	3,539	3,706	93	105
OH	4,124	4,800	5,000	121	104
OK	1,338	1,239	1,114	83	90
OR	769	800	900	117	113
PA	6,451	7,445	7,275	113	98
SC	944	1,059	1,003	106	95
TN	1,578	1,723	1,444	92	84
TX	5,476	5,474	5,561	102	102
UT	773	532	478	62	90
VA	525	342	462	88	135
WA	1,467	1,582	1,682	115	106
WI	1,841	1,400	1,250	68	89
Oth Sts	5,622	5,771	5,829	104	101
US	80,607	84,681	84,863	105	100

<sup>1/</sup> Includes DC.



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

Product	Jul 1990	Jun 1991	Jul 1991	Percent of	
				Jul 1990	Jun 1991
	Manufacturers' Shipments <sup>1/</sup>			- Percent -	
	----- 1,000 Pounds -----				
Dry Whole Milk	14,470	10,467	7,825	54	75
Nonfat Dry Milk for Human Food	54,131	85,872	63,687	118	74
Dry Skim Milk for Animal Feed	718	895	1,084	151	121
Dry Buttermilk, for Human Food	2,419	3,540	2,923	121	83
	Manufacturers' Stocks, End-of-Month <sup>2/</sup> <sup>4/</sup>			- Percent -	
	----- 1,000 Pounds -----				
Canned Evaporated and Condensed Whole Milk	101,144	109,051	110,207	109	101
Dry Whole Milk Nonfat Dry Milk for Human Food	14,893	6,992	6,343	43	91
Dry Skim Milk for Animal Feed	107,797	67,480	69,759	65	103
Dry Buttermilk, Total	1,492	2,143	1,955	131	91
	4,501	7,046	9,399	209	133
	Manufacturers' Selling Prices <sup>3/</sup> <sup>4/</sup>			Change Cents	
	----- Cents Per Pound -----				
Dry Whole Milk	135.25	105.17	106.29	-28.96	1.12
Nonfat Dry Milk for Human Food	108.71	85.95	88.43	-20.28	2.48
Dry Skim Milk for Animal Feed	60.51	54.17	53.46	-7.05	-0.71
Dry Buttermilk, for Human Food	121.94	74.99	76.62	-45.32	1.63

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

USDA Dairy Support Program Activities, United States, July 1991

Product	CCC Purchases (Delivery Basis)				Uncommitted CCC Inventories	
	Jul 1990	Jul 1991	:Oct 1, 1989 : through : Jul 31, 1990:	:Oct 1, 1990 : through : Jul 31, 1991:	Jul 31 1990	Jul 31 1991 <sup>2/</sup>
	1,000 Pounds					
Butter	15,462	11,482	349,082	419,341	352,603	549,045
Cheese <sup>1/</sup>	3,790	9,882	12,821	112,141	0	30,422
Nonfat Dry Milk:	1,267	-542	3,541	323,188	0	247,686

<sup>1/</sup> American and Mozzarella cheese. Includes the following quantities in special containers which can later be committed to program uses: Print butter 37,216,000 pounds, and fortified nonfat dry milk 8,281,000 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.

### Subscription Information

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The next "Dairy Products" report will be released on October 4, 1991 at 3:00 p.m. ET.

