

# Dairy Products



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

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## July 1992 Highlights

**Butter** production was 96.8 million pounds in July, 12 percent above July 1991 but 6 percent below June 1992.

**American type cheese** production totaled 259 million pounds, 13 percent above July 1991 but virtually unchanged from June 1992.

**Total cheese output** (excluding cottage cheese) was 546 million pounds, 9 percent above July 1991 but down slightly from June 1992.

**Creamed cottage cheese** production was 39.2 million pounds, 11 percent below July 1991 but 2 percent above June 1992.

**Lowfat cottage cheese** production was 27.7 million pounds, virtually the same as July 1991 but 3 percent below June 1992.

**Canned evaporated and condensed milk** production at 50.7 million pounds was 20 percent above July 1991 but 3 percent below June 1992.

**Frozen desserts:** (comparisons with July 1991)  
Ice cream (hard)---84.5 million gallons, up 2 percent.  
Ice milk-----36.2 million gallons, down 2 percent.  
Sherbet(hard) ---4.68 million gallons, down 5 percent.

**Dry milk products:** (comparisons with July 1991)  
Nonfat dry milk for human food--76.0 million pounds, up 14 percent.  
Dry whole milk----13.7 million pounds, up 47 percent.  
Dry buttermilk-----3.67 million pounds, up 9 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.

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Production of Dairy Products, United States, July 1992

Product	Jul	Jun	Jul	Percent of	
	1991	1992	1992	Jul	Jun
	1,000 Pounds			Percent	
Butter	86,394	103,205	96,780	112	94
Cheese:					
American Types <u>1/</u>	228,791	259,713	259,278	113	100
Swiss	20,083	19,954	20,463	102	103
Brick and Munster	10,111	10,994	10,610	105	97
Cream and Neufchatel	34,384	36,371	35,282	103	97
Blue	3,437	3,155	3,445	100	109
Mozzarella	153,788	164,285	169,039	110	103
Other Italian Types	38,769	43,620	37,767	97	87
Total Italian Types	192,557	207,905	206,806	107	99
All Other Types <u>2/</u>	10,181	9,935	10,081	99	101
Total	499,544	548,027	545,965	109	100
Cottage Cheese, Curd <u>3/</u>	42,142	41,811	41,277	98	99
Cottage Cheese, Creamed <u>4/</u>	44,145	38,602	39,188	89	102
Cottage Cheese, Lowfat, <u>5/</u>	27,767	28,536	27,709	100	97
Canned Evaporated and					
Condensed Whole Milk	42,190	52,368	50,709	120	97
Dry Whole Milk	9,309	14,467	13,665	147	94
Nonfat Dry Milk					
For Human Food	66,932	81,257	<u>6/</u> 76,016	114	94
Dry Skim Milk					
For Animal Feed	642	966	1,207	188	125
Dry Buttermilk	3,374	4,259	3,668	109	86
Yogurt (Plain & Flavored)	85,133	107,716	93,837	110	87
	1,000 Gallons			Percent	
Frozen Products:					
Ice Cream (Hard)	83,006	87,228	84,518	102	97
Ice Milk (Hard)	13,104	12,569	11,154	85	89
Ice Milk (Soft)	23,717	23,226	25,004	105	108
Ice Milk (Total)	36,821	35,795	36,158	98	101
Sherbet (Hard)	4,944	4,857	4,684	95	96
Water and Juice Ices	6,818	6,335	6,438	94	102
Other Frozen Dairy					
Products	4,113	6,209	6,392	155	103
Frozen Yogurt	16,819	16,413	14,948	89	91
Mix for Products:					
Ice Cream Mix	45,789	45,997	45,294	99	98
Ice Milk Mix	22,441	22,099	22,540	100	102
Sherbet Mix	3,559	3,390	3,401	96	100
Yogurt Mix	10,645	10,388	9,461	89	91

- 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 MI & WI production of 3,769 thousand pounds.

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

Product	Jul	Jun	Jul	Percent of	
	1991	1992	1992	Jul	Jun
				1991	1992
	----- Production -----			- Percent -	
	1,000 Pounds				
Condensed Whey, Solids Content <u>2/</u> :					
Sweet-Type, Human Food	3,470	2,177	2,473	71	114
Sweet-Type, Animal Feed	618	216	213	34	99
Dry Whey Products					
Dry Whey, Human Food	83,896	88,165	91,157	109	103
Dry Whey, Animal Feed	15,710	17,015	14,704	94	86
Reduced Lactose and Minerals					
Human Food	8,153	10,019	8,200	101	82
Animal Feed	1,978	2,721	2,797	141	103
Lactose, Human & Animal	16,509	20,977	21,224	129	101
Whey Solids in Wet Blends					
Human Food	1,551	1,752	1,967	127	112
Animal Feed	9,166	6,825	6,550	71	96
Whey Protein Concentrate					
Human Food	13,139	16,067	14,544	111	91
Animal Feed	2,751	2,734	2,591	94	95
	Manufacturers' Stocks, End-of-Month <u>3/</u>				
	----- 1,000 Pounds -----			- Percent -	
Dry Whey Products					
Dry Whey					
Human Food	45,503	37,409	35,766	79	96
Animal Feed	8,692	14,801	17,471	201	118
Reduced Lactose and Minerals					
Human and Animal <u>4/</u>	19,413	15,469	13,841	71	89
Lactose, Human & Animal	13,265	14,876	18,161	137	122
Whey Protein Concentrate					
Human Food	7,613	10,005	10,192	134	102
Animal Feed	408	536	332	81	62
	Manufacturers' Selling Price <u>5/</u>				
	----- Cents Per Pound -----			Cents Change	
Dry Whey, Human Food	15.3	22.2	20.1	4.8	-2.1
Dry Whey, Animal Feed	14.5	21.4	18.7	4.2	-2.7

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, 1991-92

Month	By Month			Cumulative		
	1991	1992	: 1992 : : as % of : : 1991 :	1991	1992	: 1992 : : as % of : : 1991 :
	— 1,000 Pounds —		Percent	— 1,000 Pounds —		Percent
Butter						
Jan	145,288	155,976	107	145,288	155,976	107
Feb	127,944	132,030	103	273,232	288,006	105
Mar	129,019	129,931	101	402,251	417,937	104
Apr	134,839	119,701	89	537,090	537,638	100
May	124,801	118,250	95	661,891	655,888	99
Jun	91,326	103,205	113	753,217	759,093	101
Jul	86,394	96,780	112	839,611	855,873	102
Aug	82,303			921,914		
Sep	81,890			1,003,804		
Oct	102,303			1,106,107		
Nov	100,785			1,206,892		
Dec	129,389			1,336,281		
American Cheese						
Jan	244,331	245,536	100	244,331	245,536	100
Feb	220,277	231,258	105	464,608	476,794	103
Mar	250,426	246,392	98	715,034	723,186	101
Apr	244,652	244,869	100	959,686	968,055	101
May	256,129	261,784	102	1,215,815	1,229,839	101
Jun	233,180	259,713	111	1,448,995	1,489,552	103
Jul	228,791	259,278	113	1,677,786	1,748,830	104
Aug	223,690			1,901,476		
Sep	210,960			2,112,436		
Oct	226,426			2,338,862		
Nov	218,290			2,557,152		
Dec	247,716			2,804,868		
Italian Cheese						
Jan	187,839	197,202	105	187,839	197,202	105
Feb	174,974	196,986	113	362,813	394,188	109
Mar	202,300	212,566	105	565,113	606,754	107
Apr	197,515	208,099	105	762,628	814,853	107
May	198,580	211,131	106	961,208	1,025,984	107
Jun	197,135	207,905	105	1,158,343	1,233,889	107
Jul	192,557	206,806	107	1,350,900	1,440,695	107
Aug	191,225			1,542,125		
Sep	188,632			1,730,757		
Oct	202,662			1,933,419		
Nov	193,839			2,127,258		
Dec	201,366			2,328,624		
Total Cheese						
Jan	504,914	514,063	102	504,914	514,063	102
Feb	459,330	497,090	108	964,244	1,011,153	105
Mar	530,088	542,728	102	1,494,332	1,553,881	104
Apr	515,410	534,690	104	2,009,742	2,088,571	104
May	532,255	550,860	103	2,541,997	2,639,431	104
Jun	509,007	548,027	108	3,051,004	3,187,458	104
Jul	499,544	545,965	109	3,550,548	3,733,423	105
Aug	498,198			4,048,746		
Sep	484,983			4,533,729		
Oct	521,001			5,054,730		
Nov	502,326			5,557,056		
Dec	533,742			6,090,798		

Production of Dairy Products, United States, 1991-92

Month	By Month			Cumulative		
	1991	1992	1992 as % of 1991	1991	1992	1992 as % of 1991
	- 1,000 Gallons - Percent			- 1,000 Gallons - Percent		
Ice Cream (Hard)						
Jan	53,116	58,555	110	53,116	58,555	110
Feb	57,463	60,357	105	110,579	118,912	108
Mar	68,929	74,958	109	179,508	193,870	108
Apr	69,673	76,092	109	249,181	269,962	108
May	77,387	78,612	102	326,568	348,574	107
Jun	86,814	87,228	100	413,382	435,802	105
Jul	83,006	84,518	102	496,388	520,320	105
Aug	79,260			575,648		
Sep	69,216			644,864		
Oct	64,556			709,420		
Nov	54,378			763,798		
Dec	53,291			817,089		
Ice Milk						
Jan	21,600	21,376	99	21,600	21,376	99
Feb	22,971	24,215	105	44,571	45,591	102
Mar	27,197	29,664	109	71,768	75,255	105
Apr	30,466	31,399	103	102,234	106,654	104
May	33,111	35,574	107	135,345	142,228	105
Jun	35,989	35,795	99	171,334	178,023	104
Jul	36,821	36,158	98	208,155	214,181	103
Aug	34,037			242,192		
Sep	26,886			269,078		
Oct	25,825			294,903		
Nov	19,975			314,878		
Dec	19,837			334,715		
Sherbet (Hard)						
Jan	3,027	3,337	110	3,027	3,337	110
Feb	3,093	3,200	103	6,120	6,537	107
Mar	3,772	3,997	106	9,892	10,534	106
Apr	3,983	4,203	106	13,875	14,737	106
May	4,059	4,462	110	17,934	19,199	107
Jun	4,836	4,857	100	22,770	24,056	106
Jul	4,944	4,684	95	27,714	28,740	104
Aug	4,369			32,083		
Sep	3,298			35,381		
Oct	3,221			38,602		
Nov	2,808			41,410		
Dec	2,856			44,266		
Frozen Yogurt						
Jan	8,194	7,576	92	8,194	7,576	92
Feb	9,385	10,439	111	17,579	18,015	102
Mar	11,888	14,933	126	29,467	32,948	112
Apr	14,046	14,718	105	43,513	47,666	110
May	14,139	14,882	105	57,652	62,548	108
Jun	14,685	16,413	112	72,337	78,961	109
Jul	16,819	14,948	89	89,156	93,909	105
Aug	16,168			105,324		
Sep	12,953			118,277		
Oct	10,929			129,206		
Nov	9,205			138,411		
Dec	8,726			147,137		

Production of Dairy Products, United States, 1991-92

Month	By Month			Cumulative		
	1991	1992	1992 as % of 1991	1991	1992	1992 as % of 1991
	— 1,000 Pounds —		Percent	— 1,000 Pounds —		Percent
Nonfat Dry Milk						
Human Food						
Jan	83,139	80,225	96	83,139	80,225	96
Feb	78,641	78,142	99	161,780	158,367	98
Mar	89,981	82,841	92	251,761	241,208	96
Apr	94,556	82,160	87	346,317	323,368	93
May	101,432	89,192	88	447,749	412,560	92
Jun	76,965	81,257	106	524,714	493,817	94
Jul	66,932	76,016	114	591,646	569,833	96
Aug	54,638			646,284		
Sep	43,306			689,590		
Oct	48,655			738,245		
Nov	53,304			791,549		
Dec	85,976			877,525		
Total Dry Whey <sup>1/</sup>						
Jan	100,526	103,723	103	100,526	103,723	103
Feb	89,536	96,056	107	190,062	199,779	105
Mar	99,819	101,404	102	289,881	301,183	104
Apr	101,725	101,201	99	391,606	402,384	103
May	104,727	105,925	101	496,333	508,309	102
Jun	102,802	105,180	102	599,135	613,489	102
Jul	99,606	105,861	106	698,741	719,350	103
Aug	95,525			794,266		
Sep	89,985			884,251		
Oct	97,568			981,819		
Nov	88,478			1,070,297		
Dec	97,097			1,167,394		
Creamed Cottage Cheese						
Jan	43,739	39,238	90	43,739	39,238	90
Feb	40,362	37,074	92	84,101	76,312	91
Mar	42,888	40,945	95	126,989	117,257	92
Apr	44,442	40,948	92	171,431	158,205	92
May	44,160	37,084	84	215,591	195,289	91
Jun	40,898	38,602	94	256,489	233,891	91
Jul	44,145	39,188	89	300,634	273,079	91
Aug	43,453			344,087		
Sep	40,468			384,555		
Oct	41,144			425,699		
Nov	37,178			462,877		
Dec	35,051			497,928		
Lowfat Cottage Cheese						
Jan	25,952	26,276	101	25,952	26,276	101
Feb	25,019	26,321	105	50,971	52,597	103
Mar	28,114	30,278	108	79,085	82,875	105
Apr	27,956	29,706	106	107,041	112,581	105
May	30,920	29,125	94	137,961	141,706	103
Jun	27,601	28,536	103	165,562	170,242	103
Jul	27,767	27,709	100	193,329	197,951	102
Aug	28,884			222,213		
Sep	26,823			249,036		
Oct	26,256			275,292		
Nov	23,504			298,796		
Dec	22,313			321,109		

<sup>1/</sup> Excludes all modified dry whey products.

American Cheese: Production by States, July 1992

State	Jul	Jun	Jul	Percent of	
	1991	1992	1992	Jul	Jun
			1,000 Pounds		
			Percent		
CA	25,875	29,000	29,400	114	101
ID	12,460	14,157	13,112	105	93
IA	9,670	9,435	9,620	99	102
KS	3,341	3,353	3,385	101	101
MN	43,729	51,186	54,123	124	106
MO	4,394	4,130	3,805	87	92
NY	7,756	10,336	8,783	113	85
ND	3,646	4,449	4,269	117	96
OR	3,406	3,300	3,600	106	109
SD	3,383	3,756	3,580	106	95
UT	4,467	4,812	5,181	116	108
WA	1,903	2,473	2,589	136	105
WI	77,660	87,000	87,000	112	100
Oth Sts	27,101	32,326	30,831	114	95
US	228,791	259,713	259,278	113	100

Butter: Production by States, July 1992

State	Jul	Jun	Jul	Percent of	
	1991	1992	1992	Jul	Jun
			1,000 Pounds		
			Percent		
CA	22,478	24,000	23,000	102	96
ID	524	102	92	18	90
KS	1,684	2,096	1,607	95	77
MI	1,151	1,492	1,697	147	114
MN	4,866	4,153	4,356	90	105
MO	481	1,073	985	205	92
NY	1,622	1,979	1,804	111	91
ND	358	467	456	127	98
OH	1,836	2,869	2,259	123	79
OR	1,464	1,325	1,230	84	93
PA	5,133	6,025	4,765	93	79
WA	9,735	10,800	10,250	105	95
WI	22,414	30,000	28,000	125	93
Oth Sts	12,648	16,824	16,279	129	97
US	86,394	103,205	96,780	112	94

Ice Cream (Hard): Production by States, July 1992

State	Jul	Jun	Jul	Percent of	
	1991	1992	1992	Jul 1991	Jun 1992
			----- 1,000 Gallons -----		
			-- Percent --		
AL	2,109	2,205	2,200	104	100
AZ	736	362	559	76	154
AR	502	453	399	79	88
CA	10,911	11,500	12,200	112	106
CO	1,161	1,098	1,129	97	103
FL	2,144	2,130	2,085	97	98
GA	976	938	929	95	99
ID	738	765	773	105	101
IL	2,150	3,400	3,000	140	88
IN	4,091	3,925	3,300	81	84
IA	3,763	4,417	3,591	95	81
KS	633	583	565	89	97
MA	3,450	4,650	3,350	97	72
MI	3,161	2,710	3,250	103	120
MN	3,682	3,753	3,746	102	100
MO	1,432	1,270	1,340	94	106
NY	4,414	3,900	4,000	91	103
NC	3,706	4,209	3,997	108	95
OH	4,633	5,000	4,750	103	95
OK	1,114	1,348	1,425	128	106
OR	979	800	820	84	103
PA	6,393	7,215	7,680	120	106
SC	1,003	982	1,060	106	108
TN	1,444	1,740	1,648	114	95
TX	5,561	5,384	5,475	98	102
UT	630	871	893	142	103
VA	529	511	429	81	84
WA	1,682	1,607	1,606	95	100
WI	1,203	1,200	1,200	100	100
Oth Sts	8,076	8,302	7,119	88	86
US	83,006	87,228	84,518	102	97



Canned Milk and Dry Milk Products: Manufacturers' Shipments,  
Stocks and Selling Prices July 1992

Product	Jul	Jun	Jul	Percent of	
	1991	1992	1992	Jul 1991	Jun 1992
	Manufacturers' Shipments <sup>1/</sup>			--- Percent ---	
	----- 1,000 Pounds -----				
Dry Whole Milk	7,825	15,475	13,749	176	89
Nonfat Dry Milk for Human Food	63,687	60,649	65,969	104	109
Dry Skim Milk for Animal Feed	1,084	774	1,581	146	204
Dry Buttermilk, for Human Food	2,923	3,667	2,721	93	74
	Manufacturers' Stocks, End-of-Month <sup>2/</sup> <sup>4/</sup>			--- Percent ---	
	----- 1,000 Pounds -----				
Canned Evaporated and Condensed Whole Milk	110,207	82,611	82,908	75	100
Dry Whole Milk	6,343	10,933	12,454	196	114
Nonfat Dry Milk for Human Food	69,759	98,393	112,455	161	114
Dry Skim Milk for Animal Feed	1,955	3,256	1,766	90	54
Dry Buttermilk, Total	9,399	3,400	4,619	49	136
	Manufacturers' Selling Prices <sup>3/</sup> <sup>4/</sup>			Change Cents	
	----- Cents Per Pound -----				
Dry Whole Milk	106.29	114.35	118.60	12.31	4.25
Nonfat Dry Milk for Human Food	88.43	109.24	113.24	24.81	4.00
Dry Skim Milk for Animal Feed	53.46	55.67	58.30	4.84	2.63
Dry Buttermilk, for Human Food	76.62	109.93	112.91	36.29	2.98

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.

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**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 1,676 manufacturers that made one or more products in 1991. 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 on October 5, 1992, at 3:00 p.m. ET.



